Prepared For:

910 Mayer LLC

Site Investigation Work Plan – Former Filling Stations (Revised)

Former Oscar Mayer Facility,
Madison, Wisconsin
BRRTS Activity # 02-13-580722

October 2018

Environmental Resources Management
700 West Virginia Street
Suite 601
Milwaukee, Wisconsin 53204

The Business of Sustainability

ERM

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Madison, Wisconsin

October 2018

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1.0 INTRODUCTION

Environmental Resources Management, Inc. (ERM), on behalf of 910 Mayer LLC (the "Client"), prepared this work plan to further investigate soil and groundwater conditions at the former Oscar Mayer facility ("the Site") located at 910 Mayer Ave in Madison, Wisconsin (Figure 1). The work plan has been prepared to satisfy the requirements of the Wisconsin Administrative Code (WAC) Section NR 716.09 Site Investigation Work Plan. The Wisconsin Department of Natural Resources (WDNR or the "Department") requires that a work plan be prepared and submitted to the Department prior to initiation of investigation activities. The site investigation will be initiated within 90 days of submittal or within 60 days of receiving Department comments.

ERM performed a Phase II ESA on behalf of 910 Mayer LLC in connection with its diligence activities in connection with its potential acquisition of the property. The Phase II included 63 soil borings, numerous soil and groundwater samples, and 16 sub-slab vapor samples. ERM disclosed the results of the Phase II investigation to 910 Mayer LLC, who forwarded them to Kraft Heinz Food Company ("Kraft Heinz") the property owner at the time. Kraft Heinz shared the results with Ramboll-Environ, who, on behalf of Kraft Heinz, reported three notifications of release to the WDNR on October 19, 2017. 910 Mayer LLC purchased the property on October 18, 2017. Subsequently, ERM followed up with the WDNR and became aware that the WDNR had not received the three notifications due to the size of the electronic notifications. Therefore, ERM forwarded the three notifications of release to the WDNR on November 29, 2016. 910 Mayer LLC had previously informed the WDNR in a letter dated October 30, 2017 that they had acquired the Site, effective October 18, 2017.

The first of three notifications of release reported to the WDNR related to concentrations of volatile organic compounds (VOCs), polycyclic aromatic hydrocarbons (PAHs), and lead detected in soil and/or groundwater above WDNR criteria in soil borings installed in the vicinity of three former filling stations located in the East parking lot (activity number 02-13-580722). The second notification of release related to concentrations of chlorinated volatile organic compounds (CVOCs), primarily 1,2-dichloroethane (ethylene dichloride), PAHs, arsenic and lead in soil and/or groundwater above WDNR criteria in the vicinity of the former ethylene dichloride above ground storage tanks (ASTs) located in the unpaved grassy area south of Building 59 (activity number 02-13-580721). The third notification of release related to concentrations of CVOCs detected in sub-slab soil gas samples collected in and around the former spice room located in Building 43 (activity number 02-13-580723).

This work plan specifically focuses on releases associated with the three former filling stations (activity number 02-13-580722).

2.0 PROJECT BACKGROUND

2.1 SITE LOCATION, CONTACTS, AND DESCRIPTION

The Site is located at 910 Mayer Avenue in Madison, Wisconsin. The Site is located in the NE ¼ of the SW ¼ of Section 31, Township 08 North, Range 10 East in Dane County, Wisconsin. The location of the Site is shown on Figure 1, developed from the United States Geological Survey (USGS) 7.5-minute quadrangle for Madison East dated 1983.

The following contact information is provided for the facility and environmental consultant:

Facility Representatives:	Marc Esrig 910 Mayer LLC 15 Reservoir Road White Plains, NY 10603 914.614.1800 mesrig@reichbros.com
Environmental Consultant:	David de Courcy-Bower Environmental Resources Management, Inc. 700 W. Virginia Street, Suite 601 Milwaukee, Wisconsin 53204 414-977-4705 (telephone) 414-289-9552 (fax) david.decourcybower@erm.com

The Site is located in a mixed use area (industrial, commercial, recreational, and residential). The Site is approximately 70 acres in size, divided into the "Central", "East", and "West" Properties. The West Property consists of three parcels and is separated from the Central Property by the Soo Line Railroad right-of-way, and the East Property is a single parcel and is separated from the Central Property by Packers Avenue (see Figure 2). The East Property is leased to the City of Madison for recreational purposes and includes ball fields, concessions, and a parking lot and was not investigated as part of ERM's Phase II ESA. Portions of the West Property are leased to the City of Madison for a bus terminal and commuter parking lot, and to Decker, a local construction supply company.

The former filling stations were located on the Central Property of the Site. The Central Property consists of two parcels that contain former manufacturing complexes, business offices, and supporting infrastructure buildings with a

combined building area of approximately 570,000 square feet related to the former meat production operations, which were shut down by August 2017.

2.2 *PHYSICAL SETTINGS*

2.2.1 *Topography and Hydrology*

The Site is located at an elevation of approximately 855 feet above mean sea level, is generally flat, and slopes slightly to the south. Surface water at the Site also drains to the east via overland flow to storm drains that discharge into either Lake Mendota or Lake Monona. The overall topographic trend of the surrounding area also slopes to the south. The nearest surface water body is Lake Mendota.

According to flood zone and National Wetland Inventory (NWI) data collected, the Site is not located within wetland delineated areas or the 100 or 500-year flood plains. Flood zone and NWI data was obtained by EDR from the Federal Emergency Management Agency (FEMA) and U.S. Fish and Wildlife Services, respectively. The mean elevation of Lake Mendota is 847 feet and the mean elevation of Lake Monona is 844 feet, both lakes being several feet lower than the Site elevation and not likely to flood as a result of high water levels.

2.2.2 *Geology and Hydrogeology*

According to the United States Department of Agriculture Natural Resources Conservation Service web soil survey data for Dane County, the surface soils in the vicinity of the Site are a combination of Virgil Silt Loam and Colwood Silt Loam and re-worked fill material consisting of sandy loam. The Virgil Silt Loam is described as a Class B soil with moderate infiltration rates, moderately well and well-drained soils with moderately coarse textures. The Colwood Silt Loam is described as a Class B/D soil with a drained/undrained hydrology class of soils that can be drained and are classified as poorly drained. Previous investigations at the Site encountered fill material overlying wetland-type deposits. On the southern portion of the Site this included muck, decayed organic material, and organic clay soils. On the east side of the Site, reworked fill overlays an asphalt surface.

Groundwater was encountered at depths ranging between 1 and 10 feet below ground surface (bgs). ERM's review of historic environmental investigations on the property and on adjacent properties indicates that the groundwater flow is inconsistent and varies depending upon geologic intervals, time of year, and amount of precipitation. Additionally, because of the shallow nature of the water table, direction of flow can be influenced by buried utility corridors, including the infiltration and exfiltration of sewers. The regional direction of

groundwater flow is from east to west or southwest toward Lakes Mendota and Monona.

According to well driller's records in the area, the shallow subsurface is comprised of sand and clay deposits overlying sandstone bedrock which is encountered at least 200 ft bgs.

2.3 *SUMMARY OF PREVIOUS PHASE II INVESTIGATIONS*

In connection with its pre-acquisition diligence, ERM conducted a Phase II ESA that included the advancement of 63 soil borings and installation of temporary monitoring wells in all but seven of the borings. Finally, 16 sub-slab vapor samples were collected. The results of the Phase II included detections of contaminants that were associated with four closed WDNR documented environmental release incidents and response actions (BRRTS #s: 02-13-000895, 02-13-221826, 03-13-001744, and 03-13-114831), but also some that were not previously reported. Based upon the results of the investigation, Ramboll-Environ reported three notifications of release to the WDNR. A map of 2017 Phase II investigation locations and the results of the ERM Phase II ESA are provided in Appendix A, the laboratory reports are provided in Appendix B, and the relevant soil boring logs are provided in Appendix C.

The investigation proposed in this work plan is focused on notification of release activity number 02-13-580722, which is associated with the release in the vicinity of three former filling stations located in the East parking lot (Figure 2). According to city directories, facility maps and aerial photographs, it appears that three gasoline filling/service stations were located on the eastern portion of the Central Property between 1958 and 1967. A map of the filling station locations in 1959 is provided as Appendix D. By 1968, the east adjacent Packers Avenue was expanded and reconfigured and several structures formerly located on the Central Property (including the gasoline stations) were razed; these areas were paved and used for parking purposes. Records regarding the number of USTs and their contents is not available. Although no documentation of removal of the USTs was available for the former filling station properties, a geophysical survey performed as part of the Phase II did not indicate the presence of USTs at the former filling station properties. No indications of light non aqueous phase liquids (LNAPL) were made during the Phase II. However, subsurface investigation revealed concentrations of petroleum-related VOCs, PAHs, and lead in soil and/or groundwater above WDNR criteria in the vicinity of the three former filling stations. All soil boring and temporary well locations installed during the Phase II were subsequently abandoned following sampling activities. Releases from the former filling stations had not previously been identified; therefore, Ramboll-Environ notified the WDNR of the release on behalf of Kraft Heinz.

3.0 INVESTIGATION APPROACH

The Phase II ESA detected petroleum related VOCs and/or PAH detections in soil samples above WAC ch. NR 722 residual contaminant levels (RCLs) in soil borings SB-3, SB-7, and SB-9; however, these detections were located near or below saturated soils and likely represent impacts transferred from contaminated groundwater. Soil samples collected between 1 and 1.5 ft bgs in the vadose zone did not detect constituents above the laboratory detection limit. No soil borings detected lead above WAC ch. NR 722 RCLs. Phase II ESA groundwater results indicated petroleum related VOCs and/or PAH detections in groundwater samples above the WAC ch. NR 140 Enforcement Standards (ES) in soil borings SB-3, SB-5, SB-8, S-9, SB-55, SB-59, and SB-61. Lead was detected in each groundwater sample above the WAC ch. NR 140 ES; however, the groundwater samples were not filtered prior to analysis and likely are biased high due to suspended solids.

The proposed scope of work will primarily focus on delineating groundwater impacts exceeding the ES and groundwater monitoring to determine plume stability and groundwater flow direction. However, as part of monitoring well installation activities, soil sampling will also be completed to evaluate soil conditions. This work plan presents the following proposed activities for the Site investigation based on the results of the Phase II ESA.

3.1 SUBSURFACE UTILITY CLEARANCE

Prior to initiation of the soil and groundwater investigation, ERM will use a subsurface clearance protocol in attempt to identify any underground infrastructure in the proposed areas of the borings. This protocol includes studying maps of the underground infrastructure and conducting public and private utility locates to identify underground utilities in areas where proposed intrusive work will be conducted. ERM will adjust the proposed monitoring well locations, if appropriate, based on understanding of subsurface utility locations and potential preferential contaminant migration pathways.

3.2 MONITORING WELL INSTALLATION

3.2.1 Monitoring Wells

Thirteen groundwater monitoring wells will be installed, constructed, and developed in accordance with WAC Chapter NR 141 to investigate shallow soils and further delineate and monitor the detections of petroleum in groundwater associated with the former filling stations. The location of the proposed monitoring wells is depicted on Figure 3.

Each monitoring well will be installed to approximately 15 ft bgs. The monitoring wells will be constructed of 2-inch schedule 40 polyvinyl chloride (PVC) slotted well screens and solid risers, silica sand filter packs, and bentonite chip surface seals. The exact screened intervals and depths will be determined based on results of the soil borings such that they straddle the groundwater table. Surface completion will consist of either flush-mounted steel or stick-up type protective well covers depending on the well location.

Each monitoring well will be developed in accordance with Chapter NR 141 of the WAC a minimum of 12 hours after installation. Wells that can be purged dry will be slowly purged in a manner that limits agitation and allowed to recharge prior to gauging and collecting samples. Wells that cannot be purged dry will be developed by cycling between surging and purging the well for a minimum of 30 minutes. After the final surge and purge cycle, 10 well volumes (casing and filter pack) of water will be removed from the well by either bailing or pumping.

3.3 SOIL SAMPLING

Geological logs will be completed for each soil boring by ERM personnel. Notes will be made of visual and/ or olfactory evidence of contamination. Soil cores will be field screened for the presence of VOCs by using a photoionization detector (PID) equipped with an 11.7eV lamp and the headspace technique. The headspace technique includes:

- Placing approximately 50 – 100 grams of a representative soil sample into a clean quart-sized plastic bag;
- Sealing, agitating, and allowing the sample to equilibrate for 10 to 15 minutes; and
- Measuring the concentration of vapors in the headspace above the soil sample by inserting the probe of the PID into the bag.

The PID is capable of semi-quantitatively measuring total VOC concentrations in parts per million by volume (ppm_v) compared to an equivalent standard. A headspace reading of 1 ppm_v or less is used as an indication of clean soil conditions.

Two soil samples will be collected from the unsaturated interval at each boring location (one at 2 ft and one 1 ft above saturated soils). If elevated readings are observed, the interval demonstrating the highest PID response or the most significant visual indications of impacts will be retained for laboratory analysis. If no elevated PID readings or visual indications of impacts are observed, both samples will be sent for laboratory analysis. Samples will be collected in laboratory-supplied bottles of appropriate volume and preservation, stored in cooled packaging, and dispatched to the laboratory with full chain-of-custody tracking documentation. ERM will utilize a Wisconsin-certified environmental

laboratory (Pace Analytical of Green Bay, Wisconsin) with a standard turnaround of 10 business days for all sample analyses. Up to 24 soil samples may be collected based on field screening results from soil borings. Collected samples will be submitted for chemical analysis of VOCs (SW 846 Method 8260B), PAHs (SW 846 Method 8270D), and lead (SW 846 Method 1610).

3.4 MONITORING WELL SAMPLING AND GAUGING

Following well installation and development, one round of groundwater samples will be collected from the monitoring well network. Prior to sampling, the depth to water will be gauged with an oil-water interface probe to check for the presence of LNAPL and to determine groundwater flow direction. If the wells do not contain LNAPL, groundwater samples will be obtained from each monitoring well for VOCs (SW-846 Method 8260B), PAHs (SW-846 Methods 8270), and lead (SW 846 Method 1610). Samples will be collected in laboratory-supplied bottles, stored in cooled packaging, and dispatched to the laboratory for analysis. ERM will utilize a Wisconsin-certified environmental laboratory with a standard turnaround time of 10 business days for all sample analyses.

3.5 SURVEY

Upon completion of the soil borings and monitoring wells, each location will be surveyed to establish the relative vertical elevation of each based on a local benchmark. As described, depth to groundwater measurements will be taken in each well in order to advance understanding of groundwater flow direction in the investigation area.

3.6 INVESTIGATION DERIVED WASTE

Investigation derived waste (IDW) (e.g., soil cuttings, development and purge water, personal protective equipment waste, etc.) will be placed in Department of Transportation (DOT)-approved drums and retained at the Site for subsequent disposal at a licensed waste disposal facility. Following receipt of laboratory analytical results, 910 Mayer LLC will be responsible for disposal of the IDW. Groundwater generated during the development and groundwater sampling activities may be disposed of to the sanitary sewer if authorization from the City of Madison is received, or at a licensed waste treatment facility.

3.7 QA/QC

One duplicate groundwater sample, one field blank, and one trip blank per cooler will also be analyzed for VOCs for quality assurance / quality control

(QA/QC) purposes over and above the number of groundwater samples described above per sampling event. No QA/QC samples will be collected on the soil samples. New nitrile gloves will be used between each sample location and between each sample collected to prevent cross contamination. Any sampling materials used during sample collection will be new per each sample collected or decontaminated using deionized (DI) water with Alconox® wash, and DI water rinse.

4.0 INVESTIGATION REPORTING AND SCHEDULE

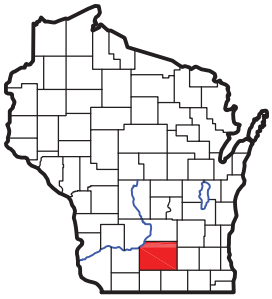
4.1 REPORTING

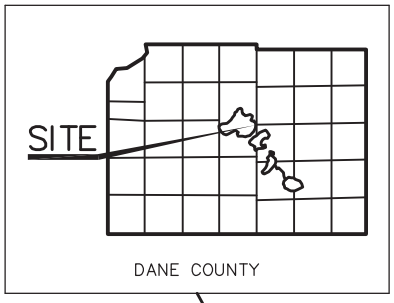
The Site Investigation Report (SIR) will be prepared according to ERM standard report format and WDNR requirements. The report will be submitted within 60 days after the site investigation and receipt of the laboratory data and will include a description of the Site investigation activities, field work methodologies, and analysis of the findings based on the regulatory framework, and a final evaluation. The final report, appendices, and photos will be provided to the WDNR in hard copy. Within 60 days after submitting the SIR, ERM will prepare and submit a Remedial Actions Options Report (RAOR) to WDNR, if warranted.

4.2 SCHEDULE

Mobilization for the monitoring well investigation will be initiated once subsurface clearing activities can be completed and is anticipated to begin in November 2018. Monitoring well installation, development, and field sampling activities are expected to take three weeks. It is anticipated that field activities will be completed by January 2019. ERM will notify the WDNR of any unforeseen delays or conflicts that may impact the schedule as they arise.

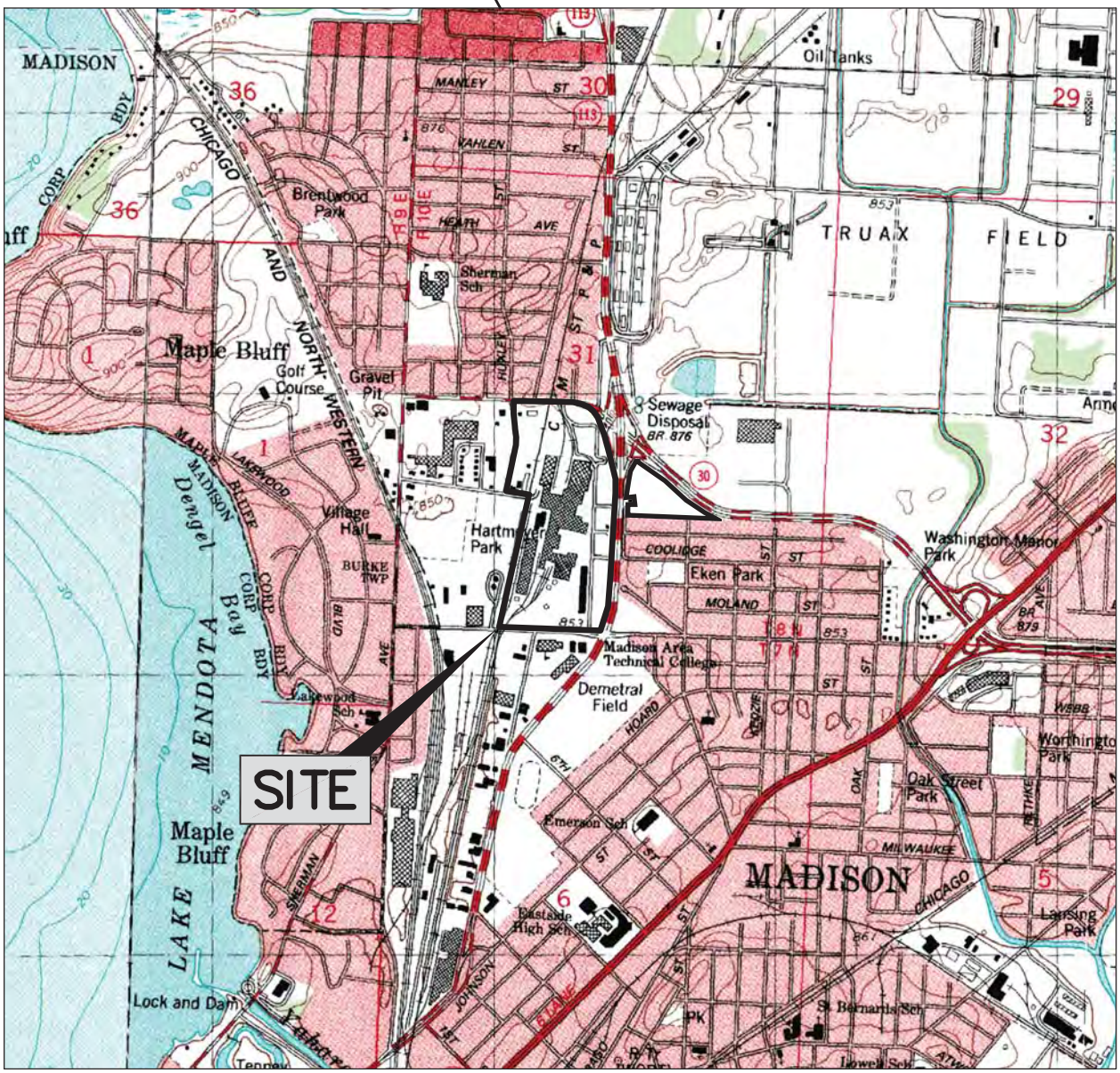
FIGURES





SECTION 31
T.8N. – R.10E.
CITY OF MADISON
DANE COUNTY
WISCONSIN

0 2000
SCALE (IN FEET)



SITE LOCATION MAP

ADAPTED FROM USGS
MADISON EAST/1983

REVISIONS ARE TO BE MADE ON THE CADD FILE ONLY

ERM®	**REICH BROTHERS** 910 MAYER AVENUE MADISON, WISCONSIN	CADD Review RMK CHK'D CS **0441161**
Drawn By GML 9/27/17	Environmental Resources Management	FIGURE 1

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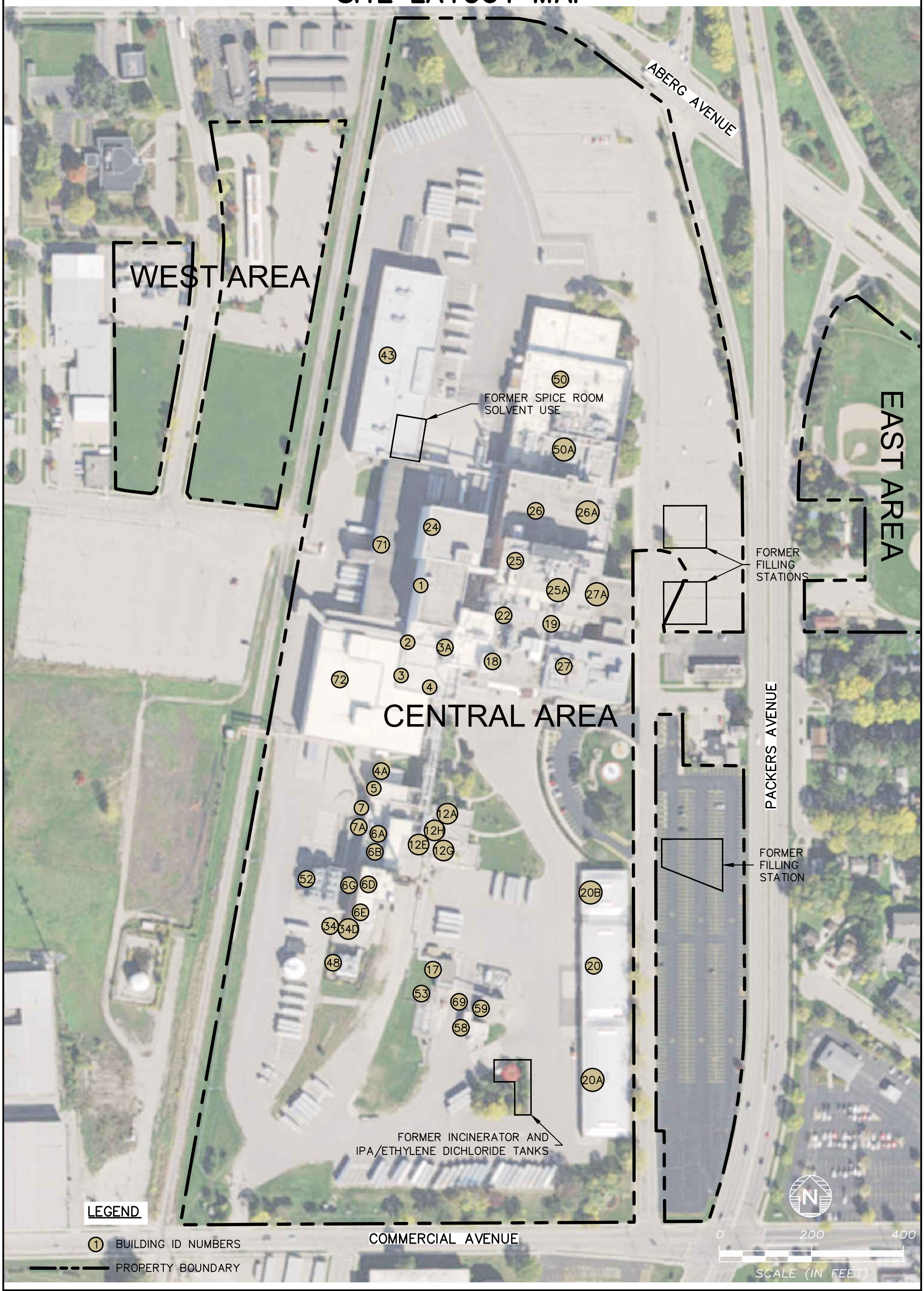
SITE LAYOUT MAP



CADD Review FGB	ERM®	**910 MAYER LLC** 910 MAYER AVENUE MADISON, WISCONSIN	CHK'D BY: MMV
DRAWN BY: GML			0441161
Date Drawn/Rev'd 8/3/17–2/28/18		Environmental Resources Management	FIGURE 2

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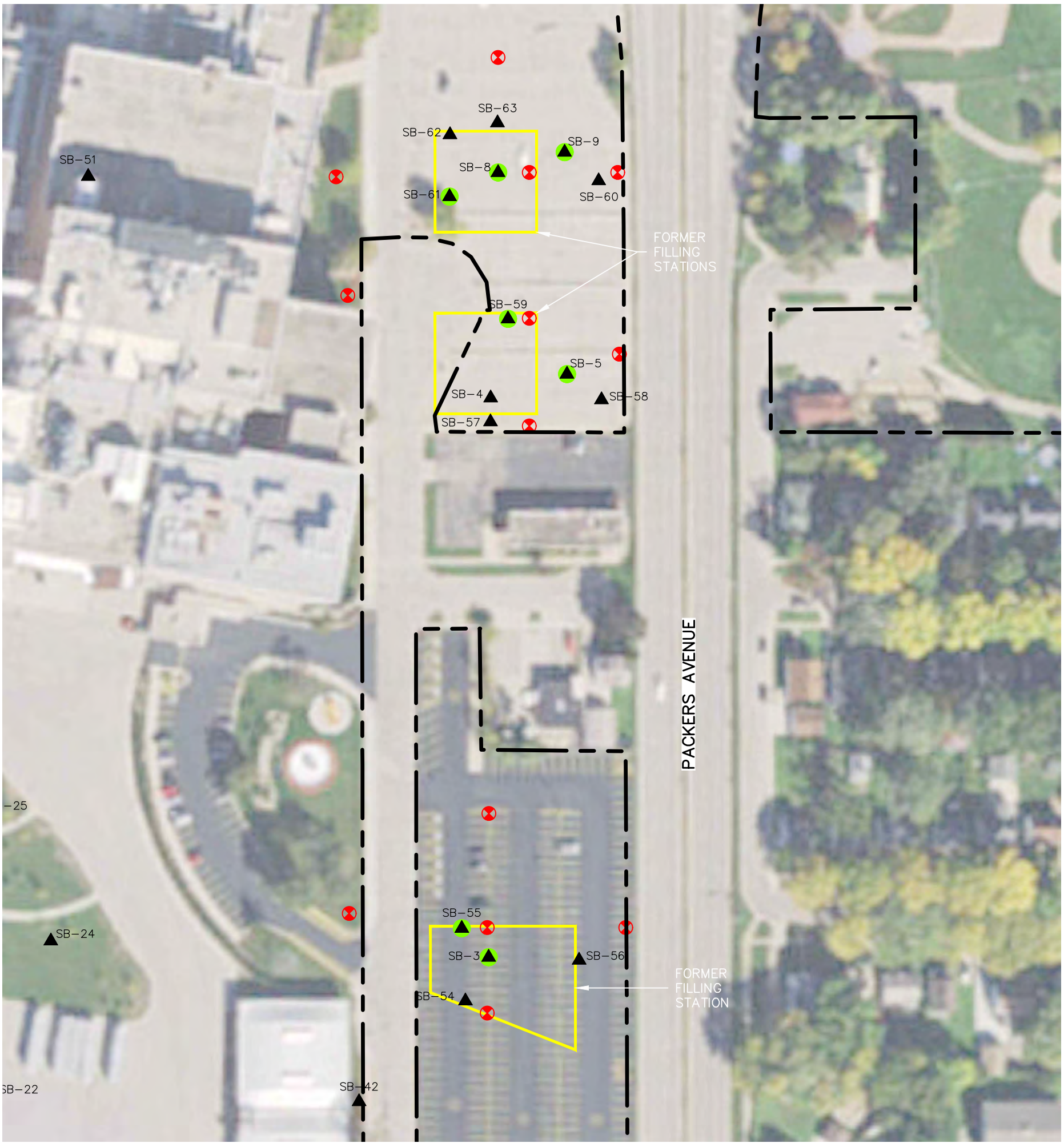
PROPOSED MONITORING WELL LOCATIONS



LEGEND

- ▲ TEMPORARY GROUNDWATER SAMPLING LOCATION
- ● VOC EXCEEDANCES OF ES IN GROUNDWATER
- ⊗ PROPOSED MONITORING WELL LOCATION
- ▬ ▬ ▬ PROPERTY BOUNDARY

N

0 100 200

SCALE (IN FEET)

CADD Review FGB	ERM®	**910 MAYER LLC** 910 MAYER AVENUE MADISON, WISCONSIN	CHK'D BY: MMV
DRAWN BY: GML			0441161
Date Drawn/Rev'd 3/1/18		Environmental Resources Management	FIGURE 3

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APPENDIX A ERM PHASE II ESA SAMPLING DATA (OCTOBER 2017)

SOIL BORING LOCATIONS MAP

CADD Review FGB	ERM®	**910 MAYER LLC** 910 MAYER AVENUE MADISON, WISCONSIN	CHK'D BY: MMV
DRAWN BY: GML			0441161
Date Drawn/Rev'd 8/3/17–3/9/18		Environmental Resources Management	FIGURE A–1

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Table A-1
Summary of Soil Boring and Temporary Well Construction Data, 910 Mayer Avenue, Madison, Wisconsin.

Soil Boring ID	SPCS Easting	SPCS Northing	Ground Elevation (ft amsl)	TOC Elevation (ft amsl)	Screen Top (ft)	Screen Bottom (ft)	Total Depth (ft)	Depth to Water (ft)	Ground-water Elevation (ft amsl)
SB-1	2172338.2	404876.7	856.29	NM	0	0	NM	NM	NM
SB-2	2172303.2	404921.9	855.98	NM	0	0	NM	NM	NM
SB-3	2172257.0	404904.6	855.84	NM	3	13	NM	NM	NM
SB-4	2172258.8	405414.6	854.08	NM	7	12	NM	NM	NM
SB-5	2172328.4	405436.2	853.75	NM	3	8	NM	NM	NM
SB-6	2172273.9	405469.2	854.30	NM	0	0	NM	NM	NM
SB-7	2172293.7	405589.8	855.18	NM	0	0	NM	NM	NM
SB-8	2172265.5	405620.1	854.84	NM	5	15	NM	NM	NM
SB-9	2172326.2	405638.6	854.64	NM	3	13	NM	NM	NM
SB-10	2172000.0	404576.7	853.67	NM	3	8	NM	NM	NM
SB-11	2172002.9	404688.6	853.88	NM	3	8	NM	NM	NM
SB-12*	2172076.2	404472.3	NM	NM	3	8	NM	NM	NM
SB-13	2171854.6	404410.5	852.54	NM	0	0	NM	NM	NM
SB-14	2171833.3	404372.2	852.34	NM	3	8	NM	NM	NM
SB-15	2171877.8	404366.7	852.94	NM	3	8	NM	NM	NM
SB-15D	2171877.8	404366.7	852.94	854.35	15	20	21.45	6.21	848.14
SB-16	2171471.3	404269.4	852.36	NM	0	0	NM	NM	NM
SB-17	2171527.4	404457.0	855.70	NM	5	15	NM	NM	NM
SB-18	2171916.9	404541.3	852.74	NM	5	15	NM	NM	NM
SB-19	2171772.3	404674.4	852.32	NM	3	8	NM	NM	NM
SB-20	2171716.0	404775.4	854.26	NM	7	12	NM	NM	NM
SB-21	2171714.0	404859.2	855.69	NM	5	15	NM	NM	NM
SB-22*	2171771.1	404796.9	NM	NM	6	16	NM	NM	NM
SB-23*	2171832.7	404706.0	NM	NM	11	16	NM	NM	NM
SB-24	2171857.7	404919.5	857.91	NM	6	16	NM	NM	NM
SB-25	2171796.0	405036.4	856.86	NM	10	20	NM	NM	NM
SB-26*	2171207.9	404270.5	NM	NM	0	5	NM	NM	NM
SB-27S	2171307.4	404663.3	854.62	NM	5	10	NM	NM	NM
SB-27D	2171307.4	404663.3	854.62	NM	20	30	NM	NM	NM
SB-28	2171342.9	404858.5	855.21	NM	11	16	NM	NM	NM
SB-29	2171370.8	404772.5	854.32	NM	3	8	NM	NM	NM
SB-30*	2171291.6	404475.2	NM	NM	15	20	NM	NM	NM
SB-31S	2171378.8	405044.7	855.48	NM	25	30	NM	NM	NM
SB-31D	2171378.8	405044.7	855.48	NM	7	12	NM	NM	NM
SB-32	2171365.2	405225.0	855.86	NM	9.5	14.5	NM	NM	NM
SB-33	2171473.8	405458.3	852.20	NM	3	8	NM	NM	NM
SB-34	2171491.7	405863.5	855.44	NM	7	12	NM	NM	NM
SB-35	2171527.3	406053.2	853.92	NM	11	16	NM	NM	NM
SB-36S	2171613.4	406239.3	855.33	NM	3	8	NM	NM	NM

Borings with an asterisk (*) denote approximate coordinates.

ft	Feet.
ft amsl	Feet above mean sea level.
NM	Not measured.
SPCS	State Plane Coordinate System, Wisconsin South Zone, 1927.
TOC	Top of casing.

Table A-1
Summary of Soil Boring and Temporary Well Construction Data, 910 Mayer Avenue, Madison, Wisconsin.

Soil Boring ID	SPCS Easting	SPCS Northing	Ground Elevation (ft amsl)	TOC Elevation (ft amsl)	Screen Top (ft)	Screen Bottom (ft)	Total Depth (ft)	Depth to Water (ft)	Ground-water Elevation (ft amsl)
SB-36D	2171613.4	406239.3	855.33	NM	18	28	NM	NM	NM
SB-37S	2171660.3	406433.6	857.27	NM	5	10	NM	NM	NM
SB-37D	2171660.3	406433.6	857.27	NM	20	30	NM	NM	NM
SB-38	2171716.1	406575.0	857.80	NM	7	12	NM	NM	NM
SB-39	2172255.9	406233.7	853.81	NM	0	0	NM	NM	NM
SB-40	2172124.9	406377.7	855.86	NM	0	0	NM	NM	NM
SB-41	2171987.4	406322.6	855.44	NM	2	12	NM	NM	NM
SB-42	2172138.7	404773.0	855.20	NM	6	16	NM	NM	NM
SB-43	2171317.1	405742.6	856.30	NM	7	12	NM	NM	NM
SB-44	2171335.9	405892.6	856.61	NM	7	12	NM	NM	NM
SB-45	2171254.0	406195.7	855.07	NM	7	12	NM	NM	NM
SB-46	2171251.8	406373.2	855.99	NM	3	8	NM	NM	NM
SB-47	2171024.4	405960.3	855.09	NM	7	12	NM	NM	NM
SB-48	2171016.4	405748.3	855.52	NM	11	16	NM	NM	NM
SB-49*	2171527.2	405219.6	NM	NM	5	15	NM	NM	NM
SB-50*	2171521.6	405177.4	NM	NM	5	15	NM	NM	NM
SB-51*	2171892.6	405626.1	NM	NM	0	5	NM	NM	NM
SB-52	2171409.3	404937.0	855.55	NM	3	8	NM	NM	NM
SB-53	2171509.8	405657.2	852.05	NM	0	3	NM	NM	NM
SB-54	2172235.8	404864.7	856.19	855.43	6	16	14.85	7.07	848.36
SB-55	2172232.5	404931.0	855.94	855.56	6	16	15.75	7.29	848.27
SB-56	2172339.4	404901.8	856.40	856.26	5	15	13.85	8	848.26
SB-57	2172258.6	405392.7	854.03	853.93	2	12	12	5.15	848.78
SB-58	2172363.1	405412.9	854.46	854.06	4	14	13.7	5.12	848.94
SB-59	2172274.6	405486.6	854.08	853.97	3	13	11.65	5.4	848.57
SB-60	2172368.7	405612.6	855.51	855.48	9	19	17.4	6.79	848.69
SB-61	2172221.3	405598.1	855.56	855.42	9	19	17.1	6.67	848.75
SB-62	2172221.7	405654.6	855.41	855.37	10	20	18.6	5.6	849.77
SB-63	2172265.1	405665.4	854.89	854.76	8	18	17.5	6.9	847.86
SB-64	2171948.4	404442.6	853.10	853.00	3	13	11.2	3.52	849.48
SB-65	2171960.0	404367.7	853.40	853.42	3	13	12.85	4.34	849.08
SB-66S	2171904.5	404257.1	853.12	853.30	3	8	7.9	4.6	848.70
SB-66D	2171904.5	404257.1	853.12	853.30	17	22	22	5.09	848.21
SB-67	2171807.3	404252.9	853.25	853.23	17	22	22	5.13	848.10
SB-68S	2171754.2	404316.6	853.29	853.03	3	8	7.85	4.52	848.51
SB-68D	2171754.2	404316.6	853.29	853.03	17	22	21.75	4.85	848.18
SB-69	2171737.1	404399.7	852.36	851.57	3	8	7	3.94	847.63

Borings with an asterisk (*) denote approximate coordinates.

ft	Feet.
ft amsl	Feet above mean sea level.
NM	Not measured.
SPCS	State Plane Coordinate System, Wisconsin South Zone, 1927.
TOC	Top of casing.

Table A-2
Soil Sample Analytical Results - Volatile Organic Compounds (VOCs), 910 Mayer Aveunue, Madison, Wisconsin.

Parameter	Non-Industrial Direct Contact		Industrial Direct Contact		Soil-to-GW RCL	Soil Sample Results (mg/kg)							
Sample ID (Depth) Sample Date (Depth to Groundwater)	RCL	Basis	RCL	Basis		SB-1 (1-1.5') 7/31/17 (6')	SB-2 (1-1.5') 7/31/17 (6')	SB-3 (8-10') 7/31/17 (6.45')	SB-4 (3-4') 7/31/17 (4.86')	SB-5 (4-5') 7/31/17 (4.44')	SB-6 (3-4') 7/31/17 (5.4')	SB-7 (10-12') 8/1/17 (12')	SB-8 (10-12') 8/1/17 (5.13')
Tetrachloroethane, 1,1,1,2-	2.78	ca	12.3	ca	0.053	<0.0250	<0.0250	<0.125	<0.0250	<0.500	<0.0250	<0.0500	<0.0250
Trichloroethane, 1,1,1-	640	Csat	640	Csat	0.140	<0.0250	<0.0250	<0.125	<0.0250	<0.500	<0.0250	<0.0500	<0.0250
Tetrachloroethane, 1,1,2,2-	0.81	ca	3.6	ca	0.0002	<0.0250	<0.0250	<0.125	<0.0250	<0.500	<0.0250	<0.0500	<0.0250
Trichloroethane, 1,1,2-	1.59	ca	7.01	ca	0.003	<0.0250	<0.0250	<0.125	<0.0250	<0.500	<0.0250	<0.0500	<0.0250
Dichloroethane, 1,1-	5.06	ca	22.2	ca	0.483	<0.0250	<0.0250	<0.125	<0.0250	<0.500	<0.0250	<0.0500	<0.0250
Dichloroethene, 1,1-	320	nc	1,190	Csat	0.005	<0.0250	<0.0250	<0.125	<0.0250	<0.500	<0.0250	<0.0500	<0.0250
Dichloropropene, 1,1-	ns	ns	ns	ns	ns	<0.0250	<0.0250	<0.125	<0.0250	<0.500	<0.0250	<0.0500	<0.0250
Trichlorobenzene, 1,2,3-	62.6	nc	934	nc	ns	<0.0250	<0.0250	<0.125	<0.0250	<0.500	<0.0250	<0.0500	<0.0250
Trichloropropane, 1,2,3-	0.0051	ca	0.109	ca	0.052	<0.0250	<0.0250	<0.125	<0.0250	<0.500	<0.0250	<0.0500	<0.0250
Trichlorobenzene, 1,2,4-	24	ca	113	ca	0.408	<0.0476	<0.0476	<0.238	<0.0476	<0.951	<0.0476	<0.0951	<0.0476
Trimethylbenzene, 1,2,4-	219	Csat	219	Csat	1.382	<0.0250	<0.0250	***14.6***	<0.0250	***11.4***	**0.224**	***23.6***	**0.122**
Dibromo-3-chloropropane, 1,	0.0075	ca	0.0923	ca	0.0002	<0.0912	<0.0912	<0.456	<0.0912	<1.82	<0.0912	<0.182	<0.0912
Dibromoethane, 1,2-	0.05	ca	0.221	ca	ns	<0.0250	<0.0250	<0.125	<0.0250	<0.500	<0.0250	<0.0500	<0.0250
Dichlorobenzene, 1,2-	376	Csat	376	Csat	1.168	<0.0250	<0.0250	<0.125	<0.0250	<0.500	<0.0250	<0.0500	<0.0250
Dichloroethane, 1,2-	0.652	ca	2.87	ca	0.003	<0.0250	<0.0250	<0.125	<0.0250	<0.500	<0.0250	<0.0500	<0.0250
Dichloropropane, 1,2-	0.406	ca	1.78	ca	0.003	<0.0250	<0.0250	<0.125	<0.0250	<0.500	<0.0250	<0.0500	<0.0250
Trimethylbenzene, 1,3,5-	182	Csat	182	Csat	1.382	<0.0250	<0.0250	***5.45***	<0.0250	***24.9***	<0.0250	***6.37***	**0.561**
Dichlorobenzene, 1,3-	297	Csat	297	Csat	1.153	<0.0250	<0.0250	<0.125	<0.0250	<0.500	<0.0250	<0.0500	<0.0250
Dichloropropane, 1,3-	1,490	Csat	1,490	Csat	ns	<0.0250	<0.0250	<0.125	<0.0250	<0.500	<0.0250	<0.0500	<0.0250
Dichlorobenzene, 1,4-	3.74	ca	16.4	ca	0.144	<0.0250	<0.0250	<0.125	<0.0250	<0.500	<0.0250	<0.0500	<0.0250
Dichloropropane, 2,2-	191	Csat	191	Csat	ns	<0.0250	<0.0250	<0.125	<0.0250	<0.500	<0.0250	<0.0500	<0.0250
Chlorotoluene, 2-	907	Csat	907	Csat	ns	<0.0250	<0.0250	<0.125	<0.0250	<0.500	<0.0250	<0.0500	<0.0250
Chlorotoluene, 4-	253	Csat	253	Csat	ns	<0.0250	<0.0250	<0.125	<0.0250	<0.500	<0.0250	<0.0500	<0.0250
Benzene	1.6	ca	7.07	ca	0.005	<0.0250	<0.0250	<0.125	<0.0250	<0.500	<0.0250	***0.312***	<0.0250
Bromobenzene	342	nc	679	Csat	ns	<0.0250	<0.0250	<0.125	<0.0250	<0.500	<0.0250	<0.0500	<0.0250
Bromochloromethane	216	nc	906	nc	ns	<0.0250	<0.0250	<0.125	<0.0250	<0.500	<0.0250	<0.0500	<0.0250
Bromodichloromethane	0.418	ca	1.83	ca	0.0003	<0.0250	<0.0250	<0.125	<0.0250	<0.500	<0.0250	<0.0500	<0.0250
Bromoform	25.4	ca	113	ca	0.002	<0.0250	<0.0250	<0.125	<0.0250	<0.500	<0.0250	<0.0500	<0.0250
Bromomethane	9.6	nc	43	nc	0.005	<0.0699	<0.0699	<0.350	<0.0699	<1.40	<0.0699	<0.140	<0.0699
Carbon tetrachloride	0.916	ca	4.03	ca	0.004	<0.0250	<0.0250	<0.125	<0.0250	<0.500	<0.0250	<0.0500	<0.0250
Chlorobenzene	370	nc	761	Csat	ns	<0.0250	<0.0250	<0.125	<0.0250	<0.500	<0.0250	<0.0500	<0.0250
Chloroethane	ns	ns	ns	ns	0.227	<0.0670	<0.0670	<0.335	<0.0670	<1.34	<0.0670	<0.134	<0.0670
Chloroform	0.454	ca	1.98	ca	0.0033	<0.0464	<0.0464	<0.232	<0.0464	<0.929	<0.0464	<0.0929	<0.0464
Chloromethane	159	nc	669	nc	0.016	<0.0250	<0.0250	<0.125	<0.0250	<0.500	<0.0250	<0.0500	<0.0250
Dibromochloromethane	8.28	ca	38.9	ca	0.032	<0.0250	<0.0250	<0.125	<0.0250	<0.500	<0.0250	<0.0500	<0.0250
Dibromomethane	34	nc	143	nc	ns	<0.0250	<0.0250	<0.125	<0.0250	<0.500	<0.0250	<0.0500	<0.0250
Dichlorodifluoromethane	126	nc	530	nc	3.086	<0.0250	<0.0250	<0.125	<0.0250	<0.500	<0.0250	<0.0500	<0.0250
Diisopropyl ether	2,260	Csat	2,260	Csat	ns	<0.0250	<0.0250	<0.125	<0.0250	<0.500	<0.0250	<0.0500	<0.0250
Ethylbenzene	8.02	ca	35.4	ca	2	<0.0250	<0.0250	***2.17***	<0.0250	<0.500	<0.0250	***18.8***	<0.0250
Hexachloro-1,3-butadiene	1.63	ca	7.19	ca	ns	<0.0250	<0.0250	<0.125	<0.0250	<0.500	<0.0250	<0.0500	<0.0250
Isopropylbenzene (Cumene)	268	Csat	268	Csat	ns	<0.0250	<0.0250	**0.933**	<0.0250	**2.76**	<0.0250	**1.47**	**0.0635 J**
Methyl-tert-butyl ether	63.8	ca	282	ca	0.027	<0.0250	<0.0250	<0.125	<0.0250	<0.500	<0.0250	<0.0500	<0.0250
Methylene Chloride	61.8	ca	1,150	ca	0.003	<0.0250	<0.0250	<0.125	<0.0250	<0.500	***0.0346 J***	<0.0500	<0.0250
Naphthalene	5.52	ca	24.1	ca	0.6582	<0.0400	<0.0400	***5.87***	<0.0400	***6.22***	**0.0803 J**	***3.50***	<0.0400

Table A-2
Soil Sample Analytical Results - Volatile Organic Compounds (VOCs), 910 Mayer Aveunue, Madison, Wisconsin.

Parameter	Non-Industrial Direct Contact		Industrial Direct Contact		Soil-to-GW RCL	Soil Sample Results (mg/kg)							
Sample ID (Depth) Sample Date (Depth to Groundwater)	RCL	Basis	RCL	Basis		SB-1 (1-1.5') 7/31/17 (6')	SB-2 (1-1.5') 7/31/17 (6')	SB-3 (8-10') 7/31/17 (6.45')	SB-4 (3-4') 7/31/17 (4.86')	SB-5 (4-5') 7/31/17 (4.44')	SB-6 (3-4') 7/31/17 (5.4')	SB-7 (10-12') 8/1/17 (12')	SB-8 (10-12') 8/1/17 (5.13')
Styrene	867	Csat	867	Csat	0.220	<0.0250	<0.0250	<0.125	<0.0250	<0.500	<0.0250	<0.0500	<0.0250
Tetrachloroethene	33	ca	145	ca	0.0045	<0.0250	<0.0250	<0.125	<0.0250	<0.500	<0.0250	<0.0500	<0.0250
Toluene	818	Csat	818	Csat	1.107	<0.0250	<0.0250	<0.125	<0.0250	<0.500	<0.0250	**0.0724 J**	<0.0250
Trichloroethene	1.3	ca	8.41	ca	0.0036	<0.0250	<0.0250	<0.125	<0.0250	<0.500	<0.0250	<0.0500	<0.0250
Trichlorofluoromethane	1,230	Csat	1,230	Csat	ns	<0.0250	<0.0250	<0.125	<0.0250	<0.500	<0.0250	<0.0500	<0.0250
Vinyl chloride	0.067	ca	2.08	ca	0.0001	<0.0250	<0.0250	<0.125	<0.0250	<0.500	<0.0250	<0.0500	<0.0250
Dichloroethylene, 1,2-cis-	156	nc	2,340	nc	0.041	<0.0250	<0.0250	<0.125	<0.0250	<0.500	<0.0250	<0.0500	<0.0250
cis-1,3-Dichloropropene	1,210	Csat	1,210	Csat	0.0003	<0.0250	<0.0250	<0.125	<0.0250	<0.500	<0.0250	<0.0500	<0.0250
m&p-Xylene*	388	Csat	388	Csat	3.960	<0.0500	<0.0500	***9.50***	<0.0500	<1.00	<0.0500	***38.7***	<0.0500
n-Butylbenzene	108	Csat	108	Csat	ns	<0.0250	<0.0250	**4.16**	<0.0250	**17.9**	<0.0250	**1.73**	<0.0250
n-Propylbenzene	ns	ns	ns	ns	ns	<0.0250	<0.0250	**3.53**	<0.0250	**9.01**	<0.0250	**4.56**	**0.322**
o-Xylene*	434	Csat	434	Csat	3.960	<0.0250	<0.0250	**1.43**	<0.0250	<0.500	<0.0250	**0.178**	<0.0250
p-Isopropyltoluene	162	Csat	162	Csat	ns	<0.0250	<0.0250	**0.798**	<0.0250	**9.46**	<0.0250	**0.231**	<0.0250
Butylbenzene, sec-	145	Csat	145	Csat	ns	<0.0250	<0.0250	**0.713**	<0.0250	**9.34**	<0.0250	**0.256**	**0.161**
Butylbenzene, tert-	183	Csat	183	Csat	ns	<0.0250	<0.0250	<0.125	<0.0250	<0.500	<0.0250	<0.0500	<0.0250
Dichloroethylene, 1,2-trans	1,560	nc	1,850	Csat	0.063	<0.0250	<0.0250	<0.125	<0.0250	<0.500	<0.0250	<0.0500	<0.0250
Dichloropropene, 1,3-trans	2.37	ca	10.6	ca	ns	<0.0250	<0.0250	<0.125	<0.0250	<0.500	<0.0250	<0.0500	<0.0250

Notes:

All units are milligrams per kilogram (mg/kg).
All depths are measured in feet below ground surface (ft bgs).
VOCs analyzed by Method 8260 and preserved in the field with Methanol.
* Xylene soil to groundwater standard is for total xylene concentrations.

Bold	Value exceeds laboratory detection limit (DL).
Italic	Value exceeds a soil to groundwater residual contaminant level (RCL).
Shaded	Value exceeds an industrial direct contact RCL.
Shaded	Value exceeds a non-industrial direct contact RCL.
	Soil sample collected below the water table.
NA	Not analized.
ca	Carcinogen.
Csat	Saturation concentration.
GW	Groundwater.
nc	Non-carcinogen.
ns	No established standard.

Table A-2
Soil Sample Analytical Results - Volatile Organic Compounds (VOCs), 910 Mayer Aveunue, Madison, Wisconsin.

Parameter	Non-Industrial Direct Contact		Industrial Direct Contact		Soil-to-GW RCL	Soil Sample Results (mg/kg)							
Sample ID (Depth) Sample Date (Depth to Groundwater)	RCL	Basis	RCL	Basis		SB-9 (4-5') 8/1/17 (4.75')	SB-11 (4-5') 7/31/17 (4.41')	SB-12 (1-1.5') 8/1/17 (4.35')	SB-13 (1.5-2') 7/28/17 (3.45')	SB-14 (3-4') 7/28/17 (4.18')	SB-15 (5-7') 7/28/17 (2.97')	SB-16 (2-2.5') 8/2/17	SB-17 (4-5') 8/2/17 (7.17')
Tetrachloroethane, 1,1,1,2-	2.78	ca	12.3	ca	0.053	<0.200	<0.250	<0.0250	<0.0250	<0.0500	<1.25	<0.0250	<0.0250
Trichloroethane, 1,1,1-	640	Csat	640	Csat	0.140	<0.200	<0.250	<0.0250	<0.0250	<0.0500	<1.25	<0.0250	<0.0250
Tetrachloroethane, 1,1,2,2-	0.81	ca	3.6	ca	0.0002	<0.200	<0.250	<0.0250	<0.0250	<0.0500	<1.25	<0.0250	<0.0250
Trichloroethane, 1,1,2-	1.59	ca	7.01	ca	0.003	<0.200	<0.250	<0.0250	<0.0250	<0.0500	<1.25	<0.0250	<0.0250
Dichloroethane, 1,1-	5.06	ca	22.2	ca	0.483	<0.200	<0.250	<0.0250	<0.0250	<0.0500	<1.25	<0.0250	<0.0250
Dichloroethene, 1,1-	320	nc	1,190	Csat	0.005	<0.200	<0.250	<0.0250	<0.0250	<0.0500	<1.25	<0.0250	<0.0250
Dichloropropene, 1,1-	ns	ns	ns	ns	ns	<0.200	<0.250	<0.0250	<0.0250	<0.0500	<1.25	<0.0250	<0.0250
Trichlorobenzene, 1,2,3-	62.6	nc	934	nc	ns	<0.200	<0.250	<0.0250	<0.0250	<0.0500	<1.25	<0.0250	<0.0250
Trichloropropane, 1,2,3-	0.0051	ca	0.109	ca	0.052	<0.200	<0.250	<0.0250	<0.0250	<0.0500	<1.25	<0.0250	<0.0250
Trichlorobenzene, 1,2,4-	24	ca	113	ca	0.408	<0.380	<0.476	<0.0476	<0.0476	<0.0951	<2.38	<0.0476	<0.0476
Trimethylbenzene, 1,2,4-	219	Csat	219	Csat	1.382	<0.200	***98.7***	<0.0250	<0.0250	<0.0500	<1.25	<0.0250	<0.0250
Dibromo-3-chloropropane, 1,	0.0075	ca	0.0923	ca	0.0002	<0.730	<0.912	<0.0912	<0.0912	<0.182	<4.56	<0.0912	<0.0912
Dibromoethane, 1,2-	0.05	ca	0.221	ca	ns	<0.200	<0.250	<0.0250	<0.0250	<0.0500	<1.25	<0.0250	<0.0250
Dichlorobenzene, 1,2-	376	Csat	376	Csat	1.168	<0.200	<0.250	<0.0250	<0.0250	<0.0500	<1.25	<0.0250	<0.0250
Dichloroethane, 1,2-	0.652	ca	2.87	ca	0.003	<0.200	<0.250	<0.0250	**0.0405 J**	**18.2**	**382**	<0.0250	<0.0250
Dichloropropane, 1,2-	0.406	ca	1.78	ca	0.003	<0.200	<0.250	<0.0250	<0.0250	<0.0500	<1.25	<0.0250	<0.0250
Trimethylbenzene, 1,3,5-	182	Csat	182	Csat	1.382	**0.855**	***28.3***	<0.0250	<0.0250	<0.0500	<1.25	<0.0250	<0.0250
Dichlorobenzene, 1,3-	297	Csat	297	Csat	1.153	<0.200	<0.250	<0.0250	<0.0250	<0.0500	<1.25	<0.0250	<0.0250
Dichloropropane, 1,3-	1,490	Csat	1,490	Csat	ns	<0.200	<0.250	<0.0250	<0.0250	<0.0500	<1.25	<0.0250	<0.0250
Dichlorobenzene, 1,4-	3.74	ca	16.4	ca	0.144	<0.200	<0.250	<0.0250	<0.0250	<0.0500	<1.25	<0.0250	<0.0250
Dichloropropane, 2,2-	191	Csat	191	Csat	ns	<0.200	<0.250	<0.0250	<0.0250	<0.0500	<1.25	<0.0250	<0.0250
Chlorotoluene, 2-	907	Csat	907	Csat	ns	<0.200	<0.250	<0.0250	<0.0250	<0.0500	<1.25	<0.0250	<0.0250
Chlorotoluene, 4-	253	Csat	253	Csat	ns	<0.200	<0.250	<0.0250	<0.0250	<0.0500	<1.25	<0.0250	<0.0250
Benzene	1.6	ca	7.07	ca	0.005	<0.200	***2.18***	<0.0250	<0.0250	<0.0500	<1.25	<0.0250	<0.0250
Bromobenzene	342	nc	679	Csat	ns	<0.200	<0.250	<0.0250	<0.0250	<0.0500	<1.25	<0.0250	<0.0250
Bromochloromethane	216	nc	906	nc	ns	<0.200	<0.250	<0.0250	<0.0250	<0.0500	<1.25	<0.0250	<0.0250
Bromodichloromethane	0.418	ca	1.83	ca	0.0003	<0.200	<0.250	<0.0250	<0.0250	<0.0500	<1.25	<0.0250	<0.0250
Bromoform	25.4	ca	113	ca	0.002	<0.200	<0.250	<0.0250	<0.0250	<0.0500	<1.25	<0.0250	<0.0250
Bromomethane	9.6	nc	43	nc	0.005	<0.559	<0.699	<0.0699	<0.0699	<0.140	<3.50	<0.0699	<0.0699
Carbon tetrachloride	0.916	ca	4.03	ca	0.004	<0.200	<0.250	<0.0250	<0.0250	<0.0500	<1.25	<0.0250	<0.0250
Chlorobenzene	370	nc	761	Csat	ns	<0.200	<0.250	<0.0250	<0.0250	<0.0500	<1.25	<0.0250	<0.0250
Chloroethane	ns	ns	ns	ns	0.227	<0.536	<0.670	<0.0670	<0.0670	<0.134	<3.35	<0.0670	<0.0670
Chloroform	0.454	ca	1.98	ca	0.0033	<0.372	<0.464	<0.0464	<0.0464	<0.0929	<2.32	<0.0464	<0.0464
Chloromethane	159	nc	669	nc	0.016	<0.200	<0.250	<0.0250	<0.0250	<0.0500	<1.25	<0.0250	<0.0250
Dibromochloromethane	8.28	ca	38.9	ca	0.032	<0.200	<0.250	<0.0250	<0.0250	<0.0500	<1.25	<0.0250	<0.0250
Dibromomethane	34	nc	143	nc	ns	<0.200	<0.250	<0.0250	<0.0250	<0.0500	<1.25	<0.0250	<0.0250
Dichlorodifluoromethane	126	nc	530	nc	3.086	<0.200	<0.250	<0.0250	<0.0250	<0.0500	<1.25	<0.0250	<0.0250
Diisopropyl ether	2,260	Csat	2,260	Csat	ns	<0.200	<0.250	<0.0250	<0.0250	**0.177 J**	<1.25	<0.0250	<0.0250
Ethylbenzene	8.02	ca	35.4	ca	2	<0.200	***54.6***	<0.0250	<0.0250	<0.0500	<1.25	<0.0250	<0.0250
Hexachloro-1,3-butadiene	1.63	ca	7.19	ca	ns	<0.200	<0.250	<0.0250	<0.0250	<0.0500	<1.25	<0.0250	<0.0250
Isopropylbenzene (Cumene)	268	Csat	268	Csat	ns	**0.927**	**4.69**	<0.0250	<0.0250	<0.0500	<1.25	<0.0250	<0.0250
Methyl-tert-butyl ether	63.8	ca	282	ca	0.027	<0.200	<0.250	<0.0250	<0.0250	<0.0500	<1.25	<0.0250	<0.0250
Methylene Chloride	61.8	ca	1,150	ca	0.003	<0.200	***0.459 J***	<0.0250	<0.0250	***0.0861 J***	<1.25	***0.0320 J***	<0.0250
Naphthalene	5.52	ca	24.1	ca	0.6582	***3.18***	***10.3***	<0.0400	<0.0400	**0.396 J**	<2.00	**0.151 J**	<0.0400

Table A-2
Soil Sample Analytical Results - Volatile Organic Compounds (VOCs), 910 Mayer Aveunue, Madison, Wisconsin.

Parameter	Non-Industrial Direct Contact		Industrial Direct Contact		Soil-to-GW RCL	Soil Sample Results (mg/kg)							
Sample ID (Depth) Sample Date (Depth to Groundwater)	RCL	Basis	RCL	Basis		SB-9 (4-5') 8/1/17 (4.75')	SB-11 (4-5') 7/31/17 (4.41')	SB-12 (1-1.5') 8/1/17 (4.35')	SB-13 (1.5-2') 7/28/17 (3.45')	SB-14 (3-4') 7/28/17 (4.18')	SB-15 (5-7') 7/28/17 (2.97')	SB-16 (2-2.5') 8/2/17	SB-17 (4-5') 8/2/17 (7.17')
Styrene	867	Csat	867	Csat	0.220	<0.200	<0.250	<0.0250	<0.0250	<0.0500	<1.25	<0.0250	<0.0250
Tetrachloroethene	33	ca	145	ca	0.0045	<0.200	<0.250	<0.0250	<0.0250	<0.0500	<1.25	<0.0250	<0.0250
Toluene	818	Csat	818	Csat	1.107	<0.200	***64.7***	<0.0250	<0.0250	<0.0500	<1.25	<0.0250	<0.0250
Trichloroethene	1.3	ca	8.41	ca	0.0036	<0.200	<0.250	<0.0250	<0.0250	<0.0500	<1.25	<0.0250	<0.0250
Trichlorofluoromethane	1,230	Csat	1,230	Csat	ns	<0.200	<0.250	<0.0250	<0.0250	<0.0500	<1.25	<0.0250	<0.0250
Vinyl chloride	0.067	ca	2.08	ca	0.0001	<0.200	<0.250	<0.0250	<0.0250	***0.405***	<1.25	<0.0250	<0.0250
Dichloroethylene, 1,2-cis-	156	nc	2,340	nc	0.041	<0.200	<0.250	<0.0250	<0.0250	<0.0500	<1.25	<0.0250	<0.0250
cis-1,3-Dichloropropene	1,210	Csat	1,210	Csat	0.0003	<0.200	<0.250	<0.0250	<0.0250	<0.0500	<1.25	<0.0250	<0.0250
m&p-Xylene*	388	Csat	388	Csat	3.960	<0.400	***204***	<0.0500	<0.0500	<0.100	<2.50	<0.0500	<0.0500
n-Butylbenzene	108	Csat	108	Csat	ns	**7.19**	<0.250	<0.0250	<0.0250	<0.0500	<1.25	<0.0250	<0.0250
n-Propylbenzene	ns	ns	ns	ns	ns	**3.42**	**17.9**	<0.0250	<0.0250	<0.0500	<1.25	<0.0250	<0.0250
o-Xylene*	434	Csat	434	Csat	3.960	<0.200	***76.7***	<0.0250	<0.0250	<0.0500	<1.25	<0.0250	<0.0250
p-Isopropyltoluene	162	Csat	162	Csat	ns	**1.81**	**0.984**	<0.0250	<0.0250	<0.0500	<1.25	<0.0250	<0.0250
Butylbenzene, sec-	145	Csat	145	Csat	ns	**5.27**	**1.48**	<0.0250	<0.0250	<0.0500	<1.25	<0.0250	<0.0250
Butylbenzene, tert-	183	Csat	183	Csat	ns	**0.469 J**	<0.250	<0.0250	<0.0250	<0.0500	<1.25	<0.0250	<0.0250
Dichloroethylene, 1,2-trans	1,560	nc	1,850	Csat	0.063	<0.200	<0.250	<0.0250	<0.0250	<0.0500	<1.25	<0.0250	<0.0250
Dichloropropene, 1,3-trans	2.37	ca	10.6	ca	ns	<0.200	<0.250	<0.0250	<0.0250	<0.0500	<1.25	<0.0250	<0.0250

Notes:

All units are milligrams per kilogram (mg/kg).
All depths are measured in feet below ground surface (ft bgs).
VOCs analyzed by Method 8260 and preserved in the field with Methanol.
* Xylene soil to groundwater standard is for total xylene concentrations.

Bold	Value exceeds laboratory detection limit (DL).
Italic	Value exceeds a soil to groundwater residual contaminant level (RCL).
Shaded	Value exceeds an industrial direct contact RCL.
Shaded	Value exceeds a non-industrial direct contact RCL.
	Soil sample collected below the water table.
NA	Not analized.
ca	Carcinogen.
Csat	Saturation concentration.
GW	Groundwater.
nc	Non-carcinogen.
ns	No established standard.

Table A-2
Soil Sample Analytical Results - Volatile Organic Compounds (VOCs), 910 Mayer Aveunue, Madison, Wisconsin.

Parameter	Non-Industrial Direct Contact		Industrial Direct Contact		Soil-to-GW RCL	Soil Sample Results (mg/kg)							
Sample ID (Depth) Sample Date (Depth to Groundwater)	RCL	Basis	RCL	Basis		SB-18 (4-5') 7/28/17 (6.28')	SB-19 (1.5-2') 7/31/17 (2.88')	SB-20 (3-4') 7/31/17 (4.99')	SB-21 (3-3.5') 7/31/17 (6.54')	SB-22 (4-5') 7/31/17 (6.53')	SB-23 (2-2.5') 7/31/17 (4.08')	SB-24 (3-4') 7/31/17 (8.11')	SB-25 (3-4') 7/31/17 (2.97')
Tetrachloroethane, 1,1,1,2-	2.78	ca	12.3	ca	0.053	<0.0250	<0.0250	<0.0255	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250
Trichloroethane, 1,1,1-	640	Csat	640	Csat	0.140	<0.0250	<0.0250	<0.0255	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250
Tetrachloroethane, 1,1,2,2-	0.81	ca	3.6	ca	0.0002	<0.0250	<0.0250	<0.0255	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250
Trichloroethane, 1,1,2-	1.59	ca	7.01	ca	0.003	<0.0250	<0.0250	<0.0255	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250
Dichloroethane, 1,1-	5.06	ca	22.2	ca	0.483	<0.0250	<0.0250	<0.0255	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250
Dichloroethene, 1,1-	320	nc	1,190	Csat	0.005	<0.0250	<0.0250	<0.0255	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250
Dichloropropene, 1,1-	ns	ns	ns	ns	ns	<0.0250	<0.0250	<0.0255	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250
Trichlorobenzene, 1,2,3-	62.6	nc	934	nc	ns	<0.0250	<0.0250	<0.0255	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250
Trichloropropane, 1,2,3-	0.0051	ca	0.109	ca	0.052	<0.0250	<0.0250	<0.0255	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250
Trichlorobenzene, 1,2,4-	24	ca	113	ca	0.408	<0.0476	<0.0476	<0.0485	<0.0476	<0.0476	<0.0476	<0.0476	<0.0476
Trimethylbenzene, 1,2,4-	219	Csat	219	Csat	1.382	<0.0250	**0.0339 J**	<0.0255	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250
Dibromo-3-chloropropane, 1,	0.0075	ca	0.0923	ca	0.0002	<0.0912	<0.0912	<0.0931	<0.0912	<0.0912	<0.0912	<0.0912	<0.0912
Dibromoethane, 1,2-	0.05	ca	0.221	ca	ns	<0.0250	<0.0250	<0.0255	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250
Dichlorobenzene, 1,2-	376	Csat	376	Csat	1.168	<0.0250	<0.0250	<0.0255	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250
Dichloroethane, 1,2-	0.652	ca	2.87	ca	0.003	<0.0250	<0.0250	<0.0255	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250
Dichloropropane, 1,2-	0.406	ca	1.78	ca	0.003	<0.0250	<0.0250	<0.0255	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250
Trimethylbenzene, 1,3,5-	182	Csat	182	Csat	1.382	<0.0250	<0.0250	<0.0255	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250
Dichlorobenzene, 1,3-	297	Csat	297	Csat	1.153	<0.0250	<0.0250	<0.0255	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250
Dichloropropane, 1,3-	1,490	Csat	1,490	Csat	ns	<0.0250	<0.0250	<0.0255	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250
Dichlorobenzene, 1,4-	3.74	ca	16.4	ca	0.144	<0.0250	<0.0250	<0.0255	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250
Dichloropropane, 2,2-	191	Csat	191	Csat	ns	<0.0250	<0.0250	<0.0255	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250
Chlorotoluene, 2-	907	Csat	907	Csat	ns	<0.0250	<0.0250	<0.0255	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250
Chlorotoluene, 4-	253	Csat	253	Csat	ns	<0.0250	<0.0250	<0.0255	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250
Benzene	1.6	ca	7.07	ca	0.005	<0.0250	<0.0250	<0.0255	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250
Bromobenzene	342	nc	679	Csat	ns	<0.0250	<0.0250	<0.0255	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250
Bromochloromethane	216	nc	906	nc	ns	<0.0250	<0.0250	<0.0255	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250
Bromodichloromethane	0.418	ca	1.83	ca	0.0003	<0.0250	<0.0250	<0.0255	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250
Bromoform	25.4	ca	113	ca	0.002	<0.0250	<0.0250	<0.0255	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250
Bromomethane	9.6	nc	43	nc	0.005	<0.0699	<0.0699	<0.0713	<0.0699	<0.0699	<0.0699	<0.0699	<0.0699
Carbon tetrachloride	0.916	ca	4.03	ca	0.004	<0.0250	<0.0250	<0.0255	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250
Chlorobenzene	370	nc	761	Csat	ns	<0.0250	<0.0250	<0.0255	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250
Chloroethane	ns	ns	ns	ns	0.227	<0.0670	<0.0670	<0.0684	<0.0670	<0.0670	<0.0670	<0.0670	<0.0670
Chloroform	0.454	ca	1.98	ca	0.0033	<0.0464	<0.0464	<0.0474	<0.0464	<0.0464	<0.0464	<0.0464	<0.0464
Chloromethane	159	nc	669	nc	0.016	<0.0250	<0.0250	<0.0255	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250
Dibromochloromethane	8.28	ca	38.9	ca	0.032	<0.0250	<0.0250	<0.0255	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250
Dibromomethane	34	nc	143	nc	ns	<0.0250	<0.0250	<0.0255	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250
Dichlorodifluoromethane	126	nc	530	nc	3.086	<0.0250	<0.0250	<0.0255	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250
Diisopropyl ether	2,260	Csat	2,260	Csat	ns	<0.0250	<0.0250	<0.0255	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250
Ethylbenzene	8.02	ca	35.4	ca	2	<0.0250	<0.0250	<0.0255	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250
Hexachloro-1,3-butadiene	1.63	ca	7.19	ca	ns	<0.0250	<0.0250	<0.0255	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250
Isopropylbenzene (Cumene)	268	Csat	268	Csat	ns	<0.0250	<0.0250	<0.0255	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250
Methyl-tert-butyl ether	63.8	ca	282	ca	0.027	<0.0250	<0.0250	<0.0255	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250
Methylene Chloride	61.8	ca	1,150	ca	0.003	<0.0250	<0.0250	<0.0255	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250
Naphthalene	5.52	ca	24.1	ca	0.6582	<0.0400	<0.0400	<0.0409	<0.0400	<0.0400	<0.0400	**0.164 J**	**0.0712 J**

Table A-2
Soil Sample Analytical Results - Volatile Organic Compounds (VOCs), 910 Mayer Aveunue, Madison, Wisconsin.

Parameter	Non-Industrial Direct Contact		Industrial Direct Contact		Soil-to-GW RCL	Soil Sample Results (mg/kg)							
Sample ID (Depth) Sample Date (Depth to Groundwater)	RCL	Basis	RCL	Basis		SB-18 (4-5') 7/28/17 (6.28')	SB-19 (1.5-2') 7/31/17 (2.88')	SB-20 (3-4') 7/31/17 (4.99')	SB-21 (3-3.5') 7/31/17 (6.54')	SB-22 (4-5') 7/31/17 (6.53')	SB-23 (2-2.5') 7/31/17 (4.08')	SB-24 (3-4') 7/31/17 (8.11')	SB-25 (3-4') 7/31/17 (2.97')
Styrene	867	Csat	867	Csat	0.220	<0.0250	<0.0250	<0.0255	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250
Tetrachloroethene	33	ca	145	ca	0.0045	<0.0250	<0.0250	***0.0299 J***	***0.0647 J***	<0.0250	<0.0250	<0.0250	<0.0250
Toluene	818	Csat	818	Csat	1.107	<0.0250	<0.0250	<0.0255	<0.0250	<0.0250	<0.0250	<0.0250	**0.0617 J**
Trichloroethene	1.3	ca	8.41	ca	0.0036	<0.0250	<0.0250	<0.0255	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250
Trichlorofluoromethane	1,230	Csat	1,230	Csat	ns	<0.0250	<0.0250	<0.0255	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250
Vinyl chloride	0.067	ca	2.08	ca	0.0001	<0.0250	<0.0250	<0.0255	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250
Dichloroethylene, 1,2-cis-	156	nc	2,340	nc	0.041	<0.0250	<0.0250	<0.0255	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250
cis-1,3-Dichloropropene	1,210	Csat	1,210	Csat	0.0003	<0.0250	<0.0250	<0.0255	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250
m&p-Xylene*	388	Csat	388	Csat	3.960	<0.0500	<0.0500	<0.0510	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500
n-Butylbenzene	108	Csat	108	Csat	ns	<0.0250	<0.0250	<0.0255	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250
n-Propylbenzene	ns	ns	ns	ns	ns	<0.0250	<0.0250	<0.0255	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250
o-Xylene*	434	Csat	434	Csat	3.960	<0.0250	<0.0250	<0.0255	<0.0250	<0.0250	<0.0250	<0.0250	**0.0407 J**
p-Isopropyltoluene	162	Csat	162	Csat	ns	<0.0250	<0.0250	<0.0255	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250
Butylbenzene, sec-	145	Csat	145	Csat	ns	<0.0250	<0.0250	<0.0255	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250
Butylbenzene, tert-	183	Csat	183	Csat	ns	<0.0250	<0.0250	<0.0255	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250
Dichloroethylene, 1,2-trans	1,560	nc	1,850	Csat	0.063	<0.0250	<0.0250	<0.0255	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250
Dichloropropene, 1,3-trans	2.37	ca	10.6	ca	ns	<0.0250	<0.0250	<0.0255	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250

Notes:

All units are milligrams per kilogram (mg/kg).
All depths are measured in feet below ground surface (ft bgs).
VOCs analyzed by Method 8260 and preserved in the field with Methanol.
* Xylene soil to groundwater standard is for total xylene concentrations.

Bold	Value exceeds laboratory detection limit (DL).
Italic	Value exceeds a soil to groundwater residual contaminant level (RCL).
Shaded	Value exceeds an industrial direct contact RCL.
Shaded	Value exceeds a non-industrial direct contact RCL.
	Soil sample collected below the water table.
NA	Not analized.
ca	Carcinogen.
Csat	Saturation concentration.
GW	Groundwater.
nc	Non-carcinogen.
ns	No established standard.

Table A-2
Soil Sample Analytical Results - Volatile Organic Compounds (VOCs), 910 Mayer Aveunue, Madison, Wisconsin.

Parameter	Non-Industrial Direct Contact		Industrial Direct Contact		Soil-to-GW RCL	Soil Sample Results (mg/kg)							
Sample ID (Depth) Sample Date (Depth to Groundwater)	RCL	Basis	RCL	Basis		SB-29 (2-2.5') 7/28/17 (3.21')	SB-33 (2.5-3') 7/28/17 (3.74')	SB-35 (3.5-4.5') 7/27/17 (2.6')	SB-38 (8-10') 7/27/17 (6.5')	SB-39 (3-4') 8/1/17 (1.5')	SB-40 (4-5') 8/1/17 (8.5')	SB-41 (1-1.5') 8/1/17 (4.43')	SB-42 (1-2') 7/31/17 (12.79')
Tetrachloroethane, 1,1,1,2-	2.78	ca	12.3	ca	0.053	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0278	<0.0250
Trichloroethane, 1,1,1-	640	Csat	640	Csat	0.140	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0278	<0.0250
Tetrachloroethane, 1,1,2,2-	0.81	ca	3.6	ca	0.0002	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0278	<0.0250
Trichloroethane, 1,1,2-	1.59	ca	7.01	ca	0.003	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0278	<0.0250
Dichloroethane, 1,1-	5.06	ca	22.2	ca	0.483	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0278	<0.0250
Dichloroethene, 1,1-	320	nc	1,190	Csat	0.005	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0278	<0.0250
Dichloropropene, 1,1-	ns	ns	ns	ns	ns	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0278	<0.0250
Trichlorobenzene, 1,2,3-	62.6	nc	934	nc	ns	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0278	<0.0250
Trichloropropane, 1,2,3-	0.0051	ca	0.109	ca	0.052	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0278	<0.0250
Trichlorobenzene, 1,2,4-	24	ca	113	ca	0.408	<0.0476	<0.0476	<0.0476	<0.0476	<0.0476	<0.0476	<0.0528	<0.0476
Trimethylbenzene, 1,2,4-	219	Csat	219	Csat	1.382	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0278	<0.0250
Dibromo-3-chloropropane, 1,	0.0075	ca	0.0923	ca	0.0002	<0.0912	<0.0912	<0.0912	<0.0912	<0.0912	<0.0912	<0.101	<0.0912
Dibromoethane, 1,2-	0.05	ca	0.221	ca	ns	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0278	<0.0250
Dichlorobenzene, 1,2-	376	Csat	376	Csat	1.168	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0278	<0.0250
Dichloroethane, 1,2-	0.652	ca	2.87	ca	0.003	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0278	<0.0250
Dichloropropane, 1,2-	0.406	ca	1.78	ca	0.003	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0278	<0.0250
Trimethylbenzene, 1,3,5-	182	Csat	182	Csat	1.382	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0278	<0.0250
Dichlorobenzene, 1,3-	297	Csat	297	Csat	1.153	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0278	<0.0250
Dichloropropane, 1,3-	1,490	Csat	1,490	Csat	ns	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0278	<0.0250
Dichlorobenzene, 1,4-	3.74	ca	16.4	ca	0.144	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0278	<0.0250
Dichloropropane, 2,2-	191	Csat	191	Csat	ns	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0278	<0.0250
Chlorotoluene, 2-	907	Csat	907	Csat	ns	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0278	<0.0250
Chlorotoluene, 4-	253	Csat	253	Csat	ns	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0278	<0.0250
Benzene	1.6	ca	7.07	ca	0.005	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0278	<0.0250
Bromobenzene	342	nc	679	Csat	ns	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0278	<0.0250
Bromochloromethane	216	nc	906	nc	ns	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0278	<0.0250
Bromodichloromethane	0.418	ca	1.83	ca	0.0003	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0278	<0.0250
Bromoform	25.4	ca	113	ca	0.002	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0278	<0.0250
Bromomethane	9.6	nc	43	nc	0.005	<0.0699	<0.0699	<0.0699	<0.0699	<0.0699	<0.0699	<0.0777	<0.0699
Carbon tetrachloride	0.916	ca	4.03	ca	0.004	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0278	<0.0250
Chlorobenzene	370	nc	761	Csat	ns	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0278	<0.0250
Chloroethane	ns	ns	ns	ns	0.227	<0.0670	<0.0670	<0.0670	<0.0670	<0.0670	<0.0670	<0.0745	<0.0670
Chloroform	0.454	ca	1.98	ca	0.0033	<0.0464	<0.0464	<0.0464	<0.0464	<0.0464	<0.0464	<0.0516	<0.0464
Chloromethane	159	nc	669	nc	0.016	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0278	<0.0250
Dibromochloromethane	8.28	ca	38.9	ca	0.032	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0278	<0.0250
Dibromomethane	34	nc	143	nc	ns	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0278	<0.0250
Dichlorodifluoromethane	126	nc	530	nc	3.086	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0278	<0.0250
Diisopropyl ether	2,260	Csat	2,260	Csat	ns	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0278	<0.0250
Ethylbenzene	8.02	ca	35.4	ca	2	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0278	<0.0250
Hexachloro-1,3-butadiene	1.63	ca	7.19	ca	ns	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0278	<0.0250
Isopropylbenzene (Cumene)	268	Csat	268	Csat	ns	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0278	<0.0250
Methyl-tert-butyl ether	63.8	ca	282	ca	0.027	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0278	<0.0250
Methylene Chloride	61.8	ca	1,150	ca	0.003	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0278	<0.0250
Naphthalene	5.52	ca	24.1	ca	0.6582	<0.0400	<0.0400	<0.0400	<0.0400	<0.0400	<0.0400	<0.0445	<0.0400

Table A-2
Soil Sample Analytical Results - Volatile Organic Compounds (VOCs), 910 Mayer Aveunue, Madison, Wisconsin.

Parameter	Non-Industrial Direct Contact		Industrial Direct Contact		Soil-to-GW RCL	Soil Sample Results (mg/kg)							
Sample ID (Depth) Sample Date (Depth to Groundwater)	RCL	Basis	RCL	Basis		SB-29 (2-2.5') 7/28/17 (3.21')	SB-33 (2.5-3') 7/28/17 (3.74')	SB-35 (3.5-4.5') 7/27/17 (2.6')	SB-38 (8-10') 7/27/17 (6.5')	SB-39 (3-4') 8/1/17 (1.5')	SB-40 (4-5') 8/1/17 (8.5')	SB-41 (1-1.5') 8/1/17 (4.43')	SB-42 (1-2') 7/31/17 (12.79')
Styrene	867	Csat	867	Csat	0.220	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0278	<0.0250
Tetrachloroethene	33	ca	145	ca	0.0045	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0278	<0.0250
Toluene	818	Csat	818	Csat	1.107	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0278	<0.0250
Trichloroethene	1.3	ca	8.41	ca	0.0036	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0278	<0.0250
Trichlorofluoromethane	1,230	Csat	1,230	Csat	ns	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0278	<0.0250
Vinyl chloride	0.067	ca	2.08	ca	0.0001	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0278	<0.0250
Dichloroethylene, 1,2-cis-	156	nc	2,340	nc	0.041	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0278	<0.0250
cis-1,3-Dichloropropene	1,210	Csat	1,210	Csat	0.0003	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0278	<0.0250
m&p-Xylene*	388	Csat	388	Csat	3.960	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0556	<0.0500
n-Butylbenzene	108	Csat	108	Csat	ns	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0278	<0.0250
n-Propylbenzene	ns	ns	ns	ns	ns	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0278	<0.0250
o-Xylene*	434	Csat	434	Csat	3.960	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0278	<0.0250
p-Isopropyltoluene	162	Csat	162	Csat	ns	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0278	<0.0250
Butylbenzene, sec-	145	Csat	145	Csat	ns	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0278	<0.0250
Butylbenzene, tert-	183	Csat	183	Csat	ns	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0278	<0.0250
Dichloroethylene, 1,2-trans	1,560	nc	1,850	Csat	0.063	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0278	<0.0250
Dichloropropene, 1,3-trans	2.37	ca	10.6	ca	ns	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0278	<0.0250

Notes:

All units are milligrams per kilogram (mg/kg).
All depths are measured in feet below ground surface (ft bgs).
VOCs analyzed by Method 8260 and preserved in the field with Methanol.
* Xylene soil to groundwater standard is for total xylene concentrations.

Bold	Value exceeds laboratory detection limit (DL).
Italic	Value exceeds a soil to groundwater residual contaminant level (RCL).
Shaded	Value exceeds an industrial direct contact RCL.
Shaded	Value exceeds a non-industrial direct contact RCL.
	Soil sample collected below the water table.
NA	Not analized.
ca	Carcinogen.
Csat	Saturation concentration.
GW	Groundwater.
nc	Non-carcinogen.
ns	No established standard.

Table A-2
Soil Sample Analytical Results - Volatile Organic Compounds (VOCs), 910 Mayer Aveunue, Madison, Wisconsin.

Parameter	Non-Industrial Direct Contact		Industrial Direct Contact		Soil-to-GW RCL	Soil Sample Results (mg/kg)							
Sample ID (Depth) Sample Date (Depth to Groundwater)	RCL	Basis	RCL	Basis		SB-43 (3-4') 8/1/17 (6.25')	SB-44 (2-3') 8/1/17 (5.28')	SB-45 (2-3') 8/1/17 (3.86')	SB-46 (4-5') 8/1/17 (4.11')	SB-47 (2-2.5') 8/1/17 (4.02')	SB-48 (1-2') 8/1/17 (6.37')	SB-49 (5-7') 8/2/17 (4.96')	SB-50 (1-2') 8/2/17 (5.04')
Tetrachloroethane, 1,1,1,2-	2.78	ca	12.3	ca	0.053	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250
Trichloroethane, 1,1,1-	640	Csat	640	Csat	0.140	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250
Tetrachloroethane, 1,1,2,2-	0.81	ca	3.6	ca	0.0002	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250
Trichloroethane, 1,1,2-	1.59	ca	7.01	ca	0.003	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250
Dichloroethane, 1,1-	5.06	ca	22.2	ca	0.483	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250
Dichloroethene, 1,1-	320	nc	1,190	Csat	0.005	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250
Dichloropropene, 1,1-	ns	ns	ns	ns	ns	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250
Trichlorobenzene, 1,2,3-	62.6	nc	934	nc	ns	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250
Trichloropropane, 1,2,3-	0.0051	ca	0.109	ca	0.052	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250
Trichlorobenzene, 1,2,4-	24	ca	113	ca	0.408	<0.0476	<0.0476	<0.0476	<0.0476	<0.0476	<0.0476	<0.0476	<0.0476
Trimethylbenzene, 1,2,4-	219	Csat	219	Csat	1.382	<0.0250	**0.0291 J**	**0.193**	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250
Dibromo-3-chloropropane, 1,	0.0075	ca	0.0923	ca	0.0002	<0.0912	<0.0912	<0.0912	<0.0912	<0.0912	<0.0912	<0.0912	<0.0912
Dibromoethane, 1,2-	0.05	ca	0.221	ca	ns	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250
Dichlorobenzene, 1,2-	376	Csat	376	Csat	1.168	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250
Dichloroethane, 1,2-	0.652	ca	2.87	ca	0.003	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250
Dichloropropane, 1,2-	0.406	ca	1.78	ca	0.003	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250
Trimethylbenzene, 1,3,5-	182	Csat	182	Csat	1.382	<0.0250	<0.0250	**0.0653 J**	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250
Dichlorobenzene, 1,3-	297	Csat	297	Csat	1.153	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250
Dichloropropane, 1,3-	1,490	Csat	1,490	Csat	ns	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250
Dichlorobenzene, 1,4-	3.74	ca	16.4	ca	0.144	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250
Dichloropropane, 2,2-	191	Csat	191	Csat	ns	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250
Chlorotoluene, 2-	907	Csat	907	Csat	ns	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250
Chlorotoluene, 4-	253	Csat	253	Csat	ns	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250
Benzene	1.6	ca	7.07	ca	0.005	<0.0250	<0.0250	***0.0536 J***	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250
Bromobenzene	342	nc	679	Csat	ns	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250
Bromochloromethane	216	nc	906	nc	ns	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250
Bromodichloromethane	0.418	ca	1.83	ca	0.0003	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250
Bromoform	25.4	ca	113	ca	0.002	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250
Bromomethane	9.6	nc	43	nc	0.005	<0.0699	<0.0699	<0.0699	<0.0699	<0.0699	<0.0699	<0.0699	<0.0699
Carbon tetrachloride	0.916	ca	4.03	ca	0.004	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250
Chlorobenzene	370	nc	761	Csat	ns	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250
Chloroethane	ns	ns	ns	ns	0.227	<0.0670	<0.0670	<0.0670	<0.0670	<0.0670	<0.0670	<0.0670	<0.0670
Chloroform	0.454	ca	1.98	ca	0.0033	<0.0464	<0.0464	<0.0464	<0.0464	<0.0464	<0.0464	<0.0464	<0.0464
Chloromethane	159	nc	669	nc	0.016	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250
Dibromochloromethane	8.28	ca	38.9	ca	0.032	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250
Dibromomethane	34	nc	143	nc	ns	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250
Dichlorodifluoromethane	126	nc	530	nc	3.086	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250
Diisopropyl ether	2,260	Csat	2,260	Csat	ns	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250
Ethylbenzene	8.02	ca	35.4	ca	2	<0.0250	<0.0250	**0.0828**	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250
Hexachloro-1,3-butadiene	1.63	ca	7.19	ca	ns	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250
Isopropylbenzene (Cumene)	268	Csat	268	Csat	ns	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250
Methyl-tert-butyl ether	63.8	ca	282	ca	0.027	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250
Methylene Chloride	61.8	ca	1,150	ca	0.003	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250
Naphthalene	5.52	ca	24.1	ca	0.6582	<0.0400	**0.304**	**0.196 J**	**0.0513 J**	<0.0400	<0.0400	<0.0400	<0.0400

Table A-2
Soil Sample Analytical Results - Volatile Organic Compounds (VOCs), 910 Mayer Aveunue, Madison, Wisconsin.

Parameter	Non-Industrial Direct Contact		Industrial Direct Contact		Soil-to-GW RCL	Soil Sample Results (mg/kg)							
Sample ID (Depth) Sample Date (Depth to Groundwater)	RCL	Basis	RCL	Basis		SB-43 (3-4') 8/1/17 (6.25')	SB-44 (2-3') 8/1/17 (5.28')	SB-45 (2-3') 8/1/17 (3.86')	SB-46 (4-5') 8/1/17 (4.11')	SB-47 (2-2.5') 8/1/17 (4.02')	SB-48 (1-2') 8/1/17 (6.37')	SB-49 (5-7') 8/2/17 (4.96')	SB-50 (1-2') 8/2/17 (5.04')
Styrene	867	Csat	867	Csat	0.220	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250
Tetrachloroethene	33	ca	145	ca	0.0045	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250
Toluene	818	Csat	818	Csat	1.107	<0.0250	<0.0250	**0.143**	**0.0392 J**	<0.0250	<0.0250	<0.0250	<0.0250
Trichloroethene	1.3	ca	8.41	ca	0.0036	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250
Trichlorofluoromethane	1,230	Csat	1,230	Csat	ns	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250
Vinyl chloride	0.067	ca	2.08	ca	0.0001	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250
Dichloroethylene, 1,2-cis-	156	nc	2,340	nc	0.041	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250
cis-1,3-Dichloropropene	1,210	Csat	1,210	Csat	0.0003	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250
m&p-Xylene*	388	Csat	388	Csat	3.960	<0.0500	<0.0500	**0.190**	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500
n-Butylbenzene	108	Csat	108	Csat	ns	<0.0250	<0.0250	**0.0320 J**	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250
n-Propylbenzene	ns	ns	ns	ns	ns	<0.0250	<0.0250	**0.0373 J**	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250
o-Xylene*	434	Csat	434	Csat	3.960	<0.0250	<0.0250	**0.152**	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250
p-Isopropyltoluene	162	Csat	162	Csat	ns	<0.0250	<0.0250	**0.0339 J**	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250
Butylbenzene, sec-	145	Csat	145	Csat	ns	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250
Butylbenzene, tert-	183	Csat	183	Csat	ns	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250
Dichloroethylene, 1,2-trans	1,560	nc	1,850	Csat	0.063	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250
Dichloropropene, 1,3-trans	2.37	ca	10.6	ca	ns	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250

Notes:

All units are milligrams per kilogram (mg/kg).
All depths are measured in feet below ground surface (ft bgs).
VOCs analyzed by Method 8260 and preserved in the field with Methanol.
* Xylene soil to groundwater standard is for total xylene concentrations.

Bold	Value exceeds laboratory detection limit (DL).
Italic	Value exceeds a soil to groundwater residual contaminant level (RCL).
Shaded	Value exceeds an industrial direct contact RCL.
Shaded	Value exceeds a non-industrial direct contact RCL.
	Soil sample collected below the water table.
NA	Not analized.
ca	Carcinogen.
Csat	Saturation concentration.
GW	Groundwater.
nc	Non-carcinogen.
ns	No established standard.

Table A-2
Soil Sample Analytical Results - Volatile Organic Compounds (VOCs), 910 Mayer Aveunue, Madison, Wisconsin.

Parameter	Non-Industrial Direct Contact		Industrial Direct Contact		Soil-to-GW RCL	Soil Sample Results (mg/kg)	
Sample ID (Depth) Sample Date (Depth to Groundwater)	RCL	Basis	RCL	Basis		SB-51 (1-1.5') 8/2/17 (4.86')	SB-52 (4-5') 7/28/17 (7.62')
Tetrachloroethane, 1,1,1,2-	2.78	ca	12.3	ca	0.053	<0.0250	<0.0250
Trichloroethane, 1,1,1-	640	Csat	640	Csat	0.140	<0.0250	<0.0250
Tetrachloroethane, 1,1,2,2-	0.81	ca	3.6	ca	0.0002	<0.0250	<0.0250
Trichloroethane, 1,1,2-	1.59	ca	7.01	ca	0.003	<0.0250	<0.0250
Dichloroethane, 1,1-	5.06	ca	22.2	ca	0.483	<0.0250	<0.0250
Dichloroethene, 1,1-	320	nc	1,190	Csat	0.005	<0.0250	<0.0250
Dichloropropene, 1,1-	ns	ns	ns	ns	ns	<0.0250	<0.0250
Trichlorobenzene, 1,2,3-	62.6	nc	934	nc	ns	<0.0250	<0.0250
Trichloropropane, 1,2,3-	0.0051	ca	0.109	ca	0.052	<0.0250	<0.0250
Trichlorobenzene, 1,2,4-	24	ca	113	ca	0.408	<0.0476	<0.0476
Trimethylbenzene, 1,2,4-	219	Csat	219	Csat	1.382	<0.0250	<0.0250
Dibromo-3-chloropropane, 1,	0.0075	ca	0.0923	ca	0.0002	<0.0912	<0.0912
Dibromoethane, 1,2-	0.05	ca	0.221	ca	ns	<0.0250	<0.0250
Dichlorobenzene, 1,2-	376	Csat	376	Csat	1.168	<0.0250	<0.0250
Dichloroethane, 1,2-	0.652	ca	2.87	ca	0.003	<0.0250	<0.0250
Dichloropropane, 1,2-	0.406	ca	1.78	ca	0.003	<0.0250	<0.0250
Trimethylbenzene, 1,3,5-	182	Csat	182	Csat	1.382	<0.0250	<0.0250
Dichlorobenzene, 1,3-	297	Csat	297	Csat	1.153	<0.0250	<0.0250
Dichloropropane, 1,3-	1,490	Csat	1,490	Csat	ns	<0.0250	<0.0250
Dichlorobenzene, 1,4-	3.74	ca	16.4	ca	0.144	<0.0250	<0.0250
Dichloropropane, 2,2-	191	Csat	191	Csat	ns	<0.0250	<0.0250
Chlorotoluene, 2-	907	Csat	907	Csat	ns	<0.0250	<0.0250
Chlorotoluene, 4-	253	Csat	253	Csat	ns	<0.0250	<0.0250
Benzene	1.6	ca	7.07	ca	0.005	<0.0250	<0.0250
Bromobenzene	342	nc	679	Csat	ns	<0.0250	<0.0250
Bromochloromethane	216	nc	906	nc	ns	<0.0250	<0.0250
Bromodichloromethane	0.418	ca	1.83	ca	0.0003	<0.0250	<0.0250
Bromoform	25.4	ca	113	ca	0.002	<0.0250	<0.0250
Bromomethane	9.6	nc	43	nc	0.005	<0.0699	<0.0699
Carbon tetrachloride	0.916	ca	4.03	ca	0.004	<0.0250	<0.0250
Chlorobenzene	370	nc	761	Csat	ns	<0.0250	<0.0250
Chloroethane	ns	ns	ns	ns	0.227	<0.0670	<0.0670
Chloroform	0.454	ca	1.98	ca	0.0033	<0.0464	<0.0464
Chloromethane	159	nc	669	nc	0.016	<0.0250	<0.0250
Dibromochloromethane	8.28	ca	38.9	ca	0.032	<0.0250	<0.0250
Dibromomethane	34	nc	143	nc	ns	<0.0250	<0.0250
Dichlorodifluoromethane	126	nc	530	nc	3.086	<0.0250	<0.0250
Diisopropyl ether	2,260	Csat	2,260	Csat	ns	<0.0250	<0.0250
Ethylbenzene	8.02	ca	35.4	ca	2	<0.0250	<0.0250
Hexachloro-1,3-butadiene	1.63	ca	7.19	ca	ns	<0.0250	<0.0250
Isopropylbenzene (Cumene)	268	Csat	268	Csat	ns	<0.0250	<0.0250
Methyl-tert-butyl ether	63.8	ca	282	ca	0.027	<0.0250	<0.0250
Methylene Chloride	61.8	ca	1,150	ca	0.003	<0.0250	***0.0340 J***
Naphthalene	5.52	ca	24.1	ca	0.6582	**0.0676 J**	<0.0400

Table A-2
Soil Sample Analytical Results - Volatile Organic Compounds (VOCs), 910 Mayer Aveunue, Madison, Wisconsin.

Parameter	Non-Industrial Direct Contact		Industrial Direct Contact		Soil-to-GW RCL	Soil Sample Results (mg/kg)	
Sample ID (Depth) Sample Date (Depth to Groundwater)	RCL	Basis	RCL	Basis		SB-51 (1-1.5') 8/2/17 (4.86')	SB-52 (4-5') 7/28/17 (7.62')
Styrene	867	Csat	867	Csat	0.220	<0.0250	<0.0250
Tetrachloroethene	33	ca	145	ca	0.0045	***0.244***	<0.0250
Toluene	818	Csat	818	Csat	1.107	<0.0250	<0.0250
Trichloroethene	1.3	ca	8.41	ca	0.0036	<0.0250	<0.0250
Trichlorofluoromethane	1,230	Csat	1,230	Csat	ns	<0.0250	<0.0250
Vinyl chloride	0.067	ca	2.08	ca	0.0001	<0.0250	<0.0250
Dichloroethylene, 1,2-cis-	156	nc	2,340	nc	0.041	<0.0250	<0.0250
cis-1,3-Dichloropropene	1,210	Csat	1,210	Csat	0.0003	<0.0250	<0.0250
m&p-Xylene*	388	Csat	388	Csat	3.960	<0.0500	<0.0500
n-Butylbenzene	108	Csat	108	Csat	ns	<0.0250	<0.0250
n-Propylbenzene	ns	ns	ns	ns	ns	<0.0250	<0.0250
o-Xylene*	434	Csat	434	Csat	3.960	<0.0250	<0.0250
p-Isopropyltoluene	162	Csat	162	Csat	ns	<0.0250	<0.0250
Butylbenzene, sec-	145	Csat	145	Csat	ns	<0.0250	<0.0250
Butylbenzene, tert-	183	Csat	183	Csat	ns	<0.0250	<0.0250
Dichloroethylene, 1,2-trans	1,560	nc	1,850	Csat	0.063	<0.0250	<0.0250
Dichloropropene, 1,3-trans	2.37	ca	10.6	ca	ns	<0.0250	<0.0250

Notes:

All units are milligrams per kilogram (mg/kg).
All depths are measured in feet below ground surface (ft bgs).
VOCs analyzed by Method 8260 and preserved in the field with Methanol.
* Xylene soil to groundwater standard is for total xylene concentrations.

Bold	Value exceeds laboratory detection limit (DL).
Italic	Value exceeds a soil to groundwater residual contaminant level (RCL).
Shaded	Value exceeds an industrial direct contact RCL.
Shaded	Value exceeds a non-industrial direct contact RCL.
	Soil sample collected below the water table.
NA	Not analized.
ca	Carcinogen.
Csat	Saturation concentration.
GW	Groundwater.
nc	Non-carcinogen.
ns	No established standard.

Table A-3
Soil Sample Analytical Results - Semi-Volatile Organic Compounds (SVOCs), 910 Mayer Avenue, Madison, Wisconsin.

Parameter	Non-Industrial Direct Contact		Industrial Direct Contact		Soil-to-GW RCL	Soil Sample Results (mg/kg)						
Sample ID (Depth) Sample Date (Depth to Groundwater)	RCL	Basis	RCL	Basis		SB-1 (1-1.5') 7/31/17 (6')	SB-2 (1-1.5') 7/31/17 (6')	SB-3 (8-10') 7/31/17 (6.45')	SB-4 (3-4') 7/31/17 (4.86')	SB-5 (4-5') 7/31/17 (4.44')	SB-6 (3-4') 7/31/17 (5.4')	SB-7 (10-12') 8/1/17 (12')
1,2,4-Trichlorobenzene	24	ca	113	ca	0.41	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	376	Csat	376	Csat	1.17	NA	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	297	Csat	297	Csat	1.15	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	3.74	ca	16.4	ca	0.14	NA	NA	NA	NA	NA	NA	NA
1-Methylnaphthalene	17.6	ca	72.7	ca	ns	<0.0044	<0.0049	**2.55**	<0.0054	**0.251**	**0.0260**	**0.0867**
2,2'-Oxybis(1-chloropropane)	ns	ns	ns	ns	ns	NA	NA	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	6,320	nc	82,100	nc	ns	NA	NA	NA	NA	NA	NA	NA
2,4,6-Trichlorophenol	49	ca	209	ca	ns	NA	NA	NA	NA	NA	NA	NA
2,4-Dichlorophenol	190	nc	2,460	nc	ns	NA	NA	NA	NA	NA	NA	NA
2,4-Dimethylphenol	1,260	nc	16,400	nc	ns	NA	NA	NA	NA	NA	NA	NA
2,4-Dinitrophenol	126	nc	1,640	nc	ns	NA	NA	NA	NA	NA	NA	NA
2,4-Dinitrotoluene	1.74	ca	7.37	ca	0.0001	NA	NA	NA	NA	NA	NA	NA
2,6-Dinitrotoluene	0.36	ca	1.54	ca	0.0001	NA	NA	NA	NA	NA	NA	NA
2-Chloronaphthalene	ns	ns	ns	ns	ns	NA	NA	NA	NA	NA	NA	NA
2-Chlorophenol	391	nc	5,840	nc	ns	NA	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene	239	nc	3,010	nc	ns	<0.0055	<0.0061	**7.63**	<0.0067	**0.472**	**0.0647**	**0.187**
2-Methylphenol(o-Cresol)	ns	ns	ns	ns	ns	NA	NA	NA	NA	NA	NA	NA
2-Nitroaniline	627	nc	8,010	nc	ns	NA	NA	NA	NA	NA	NA	NA
2-Nitrophenol	ns	ns	ns	ns	ns	NA	NA	NA	NA	NA	NA	NA
3&4-Methylphenol(m&p Cresol)	ns	ns	ns	ns	ns	NA	NA	NA	NA	NA	NA	NA
3,3'-Dichlorobenzidine	1.21	ca	5.11	ca	ns	NA	NA	NA	NA	NA	NA	NA
3-Nitroaniline	ns	ns	ns	ns	ns	NA	NA	NA	NA	NA	NA	NA
4,6-Dinitro-2-methylphenol	ns	ns	ns	ns	ns	NA	NA	NA	NA	NA	NA	NA
4-Bromophenylphenyl ether	ns	ns	ns	ns	ns	NA	NA	NA	NA	NA	NA	NA
4-Chloro-3-methylphenol	ns	ns	ns	ns	ns	NA	NA	NA	NA	NA	NA	NA
4-Chloroaniline	ns	ns	ns	ns	ns	NA	NA	NA	NA	NA	NA	NA
4-Chlorophenylphenyl ether	ns	ns	ns	ns	ns	NA	NA	NA	NA	NA	NA	NA
4-Nitroaniline	27.10	ca	115	ca	ns	NA	NA	NA	NA	NA	NA	NA
4-Nitrophenol	ns	ns	ns	ns	ns	NA	NA	NA	NA	NA	NA	NA
Acenaphthene	3,590	nc	45,200	nc	ns	<0.0043	<0.0047	<0.0871	<0.0052	<0.0458	<0.0051	<0.0050
Acenaphthylene	0.00	ns	ns	ns	ns	<0.0036	<0.0040	<0.0740	<0.0044	<0.0389	<0.0044	<0.0042
Anthracene	17,900	nc	100,000	ceiling	197	<0.0063	<0.0070	<0.128	<0.0076	<0.0674	<0.0076	<0.0074
Benzo(a)anthracene	1.14	ca	20.8	ca	ns	**0.0063 J**	**0.0275**	<0.0712	**0.0132 J**	**0.0395 J**	<0.0042	<0.0041
Benzo(a)pyrene	0.12	ca	2.11	ca	0.47	**0.0049 J**	**0.0301**	<0.0564	**0.0135**	<0.0297	<0.0033	<0.0032
Benzo(b)fluoranthene	1.15	ca	21.1	ca	0.48	**0.0064 J**	**0.0419**	<0.0634	**0.0190**	<0.0334	<0.0037	<0.0036
Benzo(g,h,i)perylene	ns	ns	ns	0	ns	**0.0038 J**	**0.0245**	<0.0456	**0.0107**	<0.0240	<0.0027	<0.0026
Benzo(k)fluoranthene	11.5	ca	211	ca	ns	**0.0033 J**	**0.0185**	<0.0563	**0.0090 J**	<0.0296	<0.0033	<0.0032
Butylbenzylphthalate	286	ca	1,210	ca	ns	NA	NA	NA	NA	NA	NA	NA
Carbazole	ns	ns	ns	ns	ns	NA	NA	NA	NA	NA	NA	NA
Chrysene	115	ca	2,110	ca	0.14	**0.0052 J**	**0.0355**	<0.0757	**0.0169**	**0.0434 J**	<0.0045	<0.0043
Di-n-butylphthalate	6,320	nc	82,100	nc	5.03	NA	NA	NA	NA	NA	NA	NA
Di-n-octylphthalate	632	nc	8,210	nc	ns	NA	NA	NA	NA	NA	NA	NA
Dibenz(a,h)anthracene	0.12	ca	2.11	ca	ns	<0.0025	**0.0063 J**	<0.0502	**0.0033 J**	<0.0264	<0.0030	<0.0029
Dibenzofuran	73	nc	1,040	nc	ns	NA	NA	NA	NA	NA	NA	NA

Table A-3
Soil Sample Analytical Results - Semi-Volatile Organic Compounds (SVOCs), 910 Mayer Avenue, Madison, Wisconsin.

Parameter	Non-Industrial Direct Contact		Industrial Direct Contact		Soil-to-GW RCL	Soil Sample Results (mg/kg)						
Sample ID (Depth) Sample Date (Depth to Groundwater)	RCL	Basis	RCL	Basis		SB-1 (1-1.5') 7/31/17 (6')	SB-2 (1-1.5') 7/31/17 (6')	SB-3 (8-10') 7/31/17 (6.45')	SB-4 (3-4') 7/31/17 (4.86')	SB-5 (4-5') 7/31/17 (4.44')	SB-6 (3-4') 7/31/17 (5.4')	SB-7 (10-12') 8/1/17 (12')
Diethylphthalate	50,600	nc	100,000	ceiling	ns	NA	NA	NA	NA	NA	NA	NA
Dimethylphthalate	569	nc	7,390	nc	ns	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	2,390	nc	30,100	nc	88.9	**0.0081 J**	**0.0509**	<0.117	**0.0285**	**0.110 J**	<0.0069	<0.0067
Fluorene	2,390	nc	30,100	nc	14.8	<0.0045	<0.0051	**0.188 J**	<0.0055	**0.0506 J**	<0.0055	**0.0101 J**
Hexachloro-1,3-butadiene	1.63	ca	7.19	ca	ns	NA	NA	NA	NA	NA	NA	NA
Hexachlorobenzene	0.25	ca	1.15	ca	0.03	NA	NA	NA	NA	NA	NA	NA
Hexachlorocyclopentadiene	2.55	nc	10.8	nc	ns	NA	NA	NA	NA	NA	NA	NA
Hexachloroethane	2.52	ca	11.1	ca	ns	NA	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	1.15	ca	21.1	ca	ns	**0.0030 J**	**0.0194**	<0.0494	**0.0073 J**	<0.0260	<0.0029	<0.0028
Isophorone	571	ca	2,420	ca	ns	NA	NA	NA	NA	NA	NA	NA
N-Nitroso-di-n-propylamine	0.08	ca	0.33	ca	ns	NA	NA	NA	NA	NA	NA	NA
N-Nitrosodiphenylamine	111	ca	469	ca	0.08	NA	NA	NA	NA	NA	NA	NA
Naphthalene	5.52	ca	24.1	ca	0.66	<0.0092	<0.0103	***6.77***	<0.0113	***2.25***	**0.0757**	**0.570**
Nitrobenzene	7.42	ca	32.4	ca	ns	NA	NA	NA	NA	NA	NA	NA
Pentachlorophenol	1.02	ca	3.97	ca	0.003	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	ns	ns	ns	ns	ns	<0.0128	**0.0188 J**	<0.262	**0.0175 J**	**0.150 J**	<0.0155	<0.0150
Phenol	19,000	nc	100,000	ceiling	2.3	NA	NA	NA	NA	NA	NA	NA
Pyrene	1,790	nc	22,600	nc	55	**0.0069 J**	**0.0409**	<0.101	**0.0208**	**0.0944 J**	<0.0060	<0.0058
bis(2-Chloroethoxy)methane	190	nc	2,460	nc	ns	NA	NA	NA	NA	NA	NA	NA
bis(2-Chloroethyl) ether	ns	ns	ns	ns	ns	NA	NA	NA	NA	NA	NA	NA
bis(2-Ethylhexyl)phthalate	38.8	ca	164	ca	2.9	NA	NA	NA	NA	NA	NA	NA

Notes:

All units are milligrams per kilogram (mg/kg).
All depths are measured in feet below ground surface (ft bgs).

Bold	Value exceeds laboratory detection limit (DL).
Italic	Value exceeds a soil to groundwater residual contaminant level (RCL).
Shaded	Value exceeds an industrial direct contact RCL.
Shaded	Value exceeds a non-industrial direct contact RCL.
	Soil sample collected below the water table.
NA	Not analized.
ca	Carcinogen.
Csat	Saturation concentration.
GW	Groundwater.
nc	Non-carcinogen.
ns	No established standard.

Table A-3
Soil Sample Analytical Results - Semi-Volatile Organic Compounds (SVOCs), 910 Mayer Avenue, Madison, Wisconsin.

Parameter	Non-Industrial Direct Contact		Industrial Direct Contact		Soil-to-GW RCL	Soil Sample Results (mg/kg)						
Sample ID (Depth) Sample Date (Depth to Groundwater)	RCL	Basis	RCL	Basis		SB-8 (10-12') 8/1/17 (5.13')	SB-9 (4-5') 8/1/17 (4.75')	SB-11 (4-5') 7/31/17 (4.41')	SB-12 (1-1.5') 8/1/17 (4.35')	SB-13 (1.5-2') 7/28/17 (3.45')	SB-14 (3-4') 7/28/17 (4.18')	SB-15 (5-7') 7/28/17 (2.97')
1,2,4-Trichlorobenzene	24	ca	113	ca	0.41	NA	NA	NA	<0.0223	NA	<0.0288	<0.0468
1,2-Dichlorobenzene	376	Csat	376	Csat	1.17	NA	NA	NA	<0.0622	NA	<0.0802	<0.130
1,3-Dichlorobenzene	297	Csat	297	Csat	1.15	NA	NA	NA	<0.0274	NA	<0.0353	<0.0573
1,4-Dichlorobenzene	3.74	ca	16.4	ca	0.14	NA	NA	NA	<0.0275	NA	<0.0355	<0.0577
1-Methylnaphthalene	17.6	ca	72.7	ca	ns	**0.0069 J**	**3.30**	**0.240**	NA	<0.0060	NA	NA
2,2'-Oxybis(1-chloropropane)	ns	ns	ns	ns	ns	NA	NA	NA	<0.0510	NA	<0.0658	<0.107
2,4,5-Trichlorophenol	6,320	nc	82,100	nc	ns	NA	NA	NA	<0.0349	NA	<0.0451	<0.0731
2,4,6-Trichlorophenol	49	ca	209	ca	ns	NA	NA	NA	<0.0301	NA	<0.0389	<0.0631
2,4-Dichlorophenol	190	nc	2,460	nc	ns	NA	NA	NA	<0.0528	NA	<0.0682	<0.111
2,4-Dimethylphenol	1,260	nc	16,400	nc	ns	NA	NA	NA	<0.0391	NA	<0.0505	<0.0819
2,4-Dinitrophenol	126	nc	1,640	nc	ns	NA	NA	NA	<0.0602	NA	<0.0777	<0.126
2,4-Dinitrotoluene	1.74	ca	7.37	ca	0.0001	NA	NA	NA	<0.0283	NA	<0.0365	<0.0592
2,6-Dinitrotoluene	0.36	ca	1.54	ca	0.0001	NA	NA	NA	<0.0375	NA	<0.0484	<0.0786
2-Chloronaphthalene	ns	ns	ns	ns	ns	NA	NA	NA	<0.0254	NA	<0.0328	<0.0531
2-Chlorophenol	391	nc	5,840	nc	ns	NA	NA	NA	<0.0493	NA	<0.0637	<0.103
2-Methylnaphthalene	239	nc	3,010	nc	ns	<0.0077	**4.16**	**0.567**	**0.0698 J**	<0.0075	<0.0663	<0.107
2-Methylphenol(o-Cresol)	ns	ns	ns	ns	ns	NA	NA	NA	<0.0359	NA	<0.0464	<0.0752
2-Nitroaniline	627	nc	8,010	nc	ns	NA	NA	NA	<0.0563	NA	<0.0727	<0.118
2-Nitrophenol	ns	ns	ns	ns	ns	NA	NA	NA	<0.0624	NA	<0.0805	<0.131
3&4-Methylphenol(m&p Cresol)	ns	ns	ns	ns	ns	NA	NA	NA	<0.0362	NA	<0.0468	<0.0759
3,3'-Dichlorobenzidine	1.21	ca	5.11	ca	ns	NA	NA	NA	<0.0536	NA	<0.0692	<0.112
3-Nitroaniline	ns	ns	ns	ns	ns	NA	NA	NA	<0.0336	NA	<0.0434	<0.0704
4,6-Dinitro-2-methylphenol	ns	ns	ns	ns	ns	NA	NA	NA	<0.0609	NA	<0.0787	<0.128
4-Bromophenylphenyl ether	ns	ns	ns	ns	ns	NA	NA	NA	<0.0414	NA	<0.0534	<0.0867
4-Chloro-3-methylphenol	ns	ns	ns	ns	ns	NA	NA	NA	<0.0615	NA	<0.0794	<0.129
4-Chloroaniline	ns	ns	ns	ns	ns	NA	NA	NA	<0.0325	NA	<0.0419	<0.0680
4-Chlorophenylphenyl ether	ns	ns	ns	ns	ns	NA	NA	NA	<0.0368	NA	<0.0475	<0.0771
4-Nitroaniline	27.10	ca	115	ca	ns	NA	NA	NA	<0.0821	NA	<0.106	<0.172
4-Nitrophenol	ns	ns	ns	ns	ns	NA	NA	NA	<0.0498	NA	<0.0643	<0.104
Acenaphthene	3,590	nc	45,200	nc	ns	<0.0060	**0.169**	<0.0123	**0.106 J**	**0.0189 J**	**0.247 J**	<0.147
Acenaphthylene	0.00	ns	ns	ns	ns	<0.0051	**0.0791 J**	<0.0104	**0.0815 J**	<0.0049	<0.0910	<0.148
Anthracene	17,900	nc	100,000	ceiling	197	<0.0088	<0.0650	<0.0180	**0.358**	**0.0443**	**0.855**	<0.0662
Benzo(a)anthracene	1.14	ca	20.8	ca	ns	<0.0049	**0.0526 J**	<0.0100	**0.913**	**0.115**	**2.36**	<0.0641
Benzo(a)pyrene	0.12	ca	2.11	ca	0.47	<0.0039	**0.0352 J**	<0.0079	**1.03**	**0.107**	***2.24***	<0.0623
Benzo(b)fluoranthene	1.15	ca	21.1	ca	0.48	<0.0044	**0.0415 J**	<0.0089	***1.16***	**0.103**	***2.81***	<0.0711
Benzo(g,h,i)perylene	ns	ns	ns	0	ns	<0.0031	<0.0231	<0.0064	**0.676**	**0.0721**	**1.40**	<0.108
Benzo(k)fluoranthene	11.5	ca	211	ca	ns	<0.0039	<0.0286	<0.0079	**0.536**	**0.106**	**1.06**	<0.0991
Butylbenzylphthalate	286	ca	1,210	ca	ns	NA	NA	NA	**0.0807 J**	NA	<0.0409	<0.0664
Carbazole	ns	ns	ns	ns	ns	NA	NA	NA	**0.149**	NA	**0.232**	<0.0648
Chrysene	115	ca	2,110	ca	0.14	<0.0052	**0.0586 J**	<0.0107	**1.07**	**0.128**	***2.38***	<0.0619
Di-n-butylphthalate	6,320	nc	82,100	nc	5.03	NA	NA	NA	<0.0295	NA	<0.0381	<0.0619
Di-n-octylphthalate	632	nc	8,210	nc	ns	NA	NA	NA	<0.0445	NA	<0.0574	<0.0931
Dibenz(a,h)anthracene	0.12	ca	2.11	ca	ns	<0.0035	<0.0254	<0.0071	***0.155 J***	**0.0264**	**0.316**	<0.112
Dibenzofuran	73	nc	1,040	nc	ns	NA	NA	NA	**0.0545 J**	NA	**0.110**	<0.0501

Table A-3
Soil Sample Analytical Results - Semi-Volatile Organic Compounds (SVOCs), 910 Mayer Avenue, Madison, Wisconsin.

Parameter	Non-Industrial Direct Contact		Industrial Direct Contact		Soil-to-GW RCL	Soil Sample Results (mg/kg)						
Sample ID (Depth) Sample Date (Depth to Groundwater)	RCL	Basis	RCL	Basis		SB-8 (10-12') 8/1/17 (5.13')	SB-9 (4-5') 8/1/17 (4.75')	SB-11 (4-5') 7/31/17 (4.41')	SB-12 (1-1.5') 8/1/17 (4.35')	SB-13 (1.5-2') 7/28/17 (3.45')	SB-14 (3-4') 7/28/17 (4.18')	SB-15 (5-7') 7/28/17 (2.97')
Diethylphthalate	50,600	nc	100,000	ceiling	ns	NA	NA	NA	<0.0328	NA	<0.0423	<0.0686
Dimethylphthalate	569	nc	7,390	nc	ns	NA	NA	NA	<0.0257	NA	<0.0332	<0.0538
Fluoranthene	2,390	nc	30,100	nc	88.9	<0.0080	**0.0846 J**	<0.0165	**2.32**	**0.298**	**5.35**	**0.0810 J**
Fluorene	2,390	nc	30,100	nc	14.8	<0.0064	**0.206**	<0.0131	**0.119**	**0.0153 J**	**0.317**	<0.0484
Hexachloro-1,3-butadiene	1.63	ca	7.19	ca	ns	NA	NA	NA	<0.0504	NA	<0.0650	<0.105
Hexachlorobenzene	0.25	ca	1.15	ca	0.03	NA	NA	NA	<0.0332	NA	<0.0429	<0.0696
Hexachlorocyclopentadiene	2.55	nc	10.8	nc	ns	NA	NA	NA	<0.0468	NA	<0.0604	<0.0980
Hexachloroethane	2.52	ca	11.1	ca	ns	NA	NA	NA	<0.0316	NA	<0.0408	<0.0662
Indeno(1,2,3-cd)pyrene	1.15	ca	21.1	ca	ns	<0.0034	<0.0250	<0.0069	**0.724**	**0.0647**	**1.71**	<0.0896
Isophorone	571	ca	2,420	ca	ns	NA	NA	NA	<0.0304	NA	<0.0392	<0.0636
N-Nitroso-di-n-propylamine	0.08	ca	0.33	ca	ns	NA	NA	NA	<0.0314	NA	<0.0405	<0.0657
N-Nitrosodiphenylamine	111	ca	469	ca	0.08	NA	NA	NA	<0.268	NA	<0.346	<0.562
Naphthalene	5.52	ca	24.1	ca	0.66	<0.0130	***1.96***	***1.35***	<0.0691	<0.0126	<0.0892	<0.145
Nitrobenzene	7.42	ca	32.4	ca	ns	NA	NA	NA	<0.0401	NA	<0.0517	<0.0839
Pentachlorophenol	1.02	ca	3.97	ca	0.003	NA	NA	NA	<0.0435	NA	<0.0562	<0.0912
Phenanthrene	ns	ns	ns	ns	ns	<0.0180	**0.617**	<0.0368	**1.27**	**0.176**	**2.53**	**0.0697 J**
Phenol	19,000	nc	100,000	ceiling	2.3	NA	NA	NA	<0.0469	NA	<0.0606	<0.0982
Pyrene	1,790	nc	22,600	nc	55	<0.0070	**0.0781 J**	<0.0143	**1.76**	**0.218**	**3.69**	<0.0917
bis(2-Chloroethoxy)methane	190	nc	2,460	nc	ns	NA	NA	NA	<0.0532	NA	<0.0687	<0.111
bis(2-Chloroethyl) ether	ns	ns	ns	ns	ns	NA	NA	NA	<0.0617	NA	<0.0797	<0.129
bis(2-Ethylhexyl)phthalate	38.8	ca	164	ca	2.9	NA	NA	NA	<0.0329	NA	<0.0424	<0.0688

Notes:

All units are milligrams per kilogram (mg/kg).
All depths are measured in feet below ground surface (ft bgs).

Bold	Value exceeds laboratory detection limit (DL).
Italic	Value exceeds a soil to groundwater residual contaminant level (RCL).
Shaded	Value exceeds an industrial direct contact RCL.
Shaded	Value exceeds a non-industrial direct contact RCL.
	Soil sample collected below the water table.
NA	Not analized.
ca	Carcinogen.
Csat	Saturation concentration.
GW	Groundwater.
nc	Non-carcinogen.
ns	No established standard.

Table A-3
Soil Sample Analytical Results - Semi-Volatile Organic Compounds (SVOCs), 910 Mayer Avenue, Madison, Wisconsin.

Parameter	Non-Industrial Direct Contact		Industrial Direct Contact		Soil-to-GW RCL	Soil Sample Results (mg/kg)						
Sample ID (Depth) Sample Date (Depth to Groundwater)	RCL	Basis	RCL	Basis		SB-16 (2-2.5') 8/2/17	SB-17 (4-5') 8/2/17 (7.17')	SB-18 (4-5') 7/28/17 (6.28')	SB-19 (1.5-2') 7/31/17 (2.88')	SB-20 (3-4') 7/31/17 (4.99')	SB-21 (3-3.5') 7/31/17 (6.54')	SB-22 (4-5') 7/31/17 (6.53')
1,2,4-Trichlorobenzene	24	ca	113	ca	0.41	<0.0567	<0.0202	NA	<0.0223	<0.0212	<0.0212	NA
1,2-Dichlorobenzene	376	Csat	376	Csat	1.17	<0.158	<0.0561	NA	<0.0619	<0.0591	<0.0589	NA
1,3-Dichlorobenzene	297	Csat	297	Csat	1.15	<0.0694	<0.0247	NA	<0.0273	<0.0260	<0.0259	NA
1,4-Dichlorobenzene	3.74	ca	16.4	ca	0.14	<0.0698	<0.0248	NA	<0.0274	<0.0262	<0.0261	NA
1-Methylnaphthalene	17.6	ca	72.7	ca	ns	NA	NA	<0.0053	NA	NA	NA	<0.0047
2,2'-Oxybis(1-chloropropane)	ns	ns	ns	ns	ns	<0.129	<0.0460	NA	<0.0508	<0.0484	<0.0483	NA
2,4,5-Trichlorophenol	6,320	nc	82,100	nc	ns	<0.0885	<0.0315	NA	<0.0348	<0.0332	<0.0331	NA
2,4,6-Trichlorophenol	49	ca	209	ca	ns	<0.0764	<0.0272	NA	<0.0300	<0.0286	<0.0286	NA
2,4-Dichlorophenol	190	nc	2,460	nc	ns	<0.134	<0.0476	NA	<0.0526	<0.0502	<0.0501	NA
2,4-Dimethylphenol	1,260	nc	16,400	nc	ns	<0.0991	<0.0353	NA	<0.0389	<0.0371	<0.0370	NA
2,4-Dinitrophenol	126	nc	1,640	nc	ns	<0.153	<0.0543	NA	<0.0600	<0.0572	<0.0571	NA
2,4-Dinitrotoluene	1.74	ca	7.37	ca	0.0001	<0.0717	<0.0255	NA	<0.0282	<0.0269	<0.0268	NA
2,6-Dinitrotoluene	0.36	ca	1.54	ca	0.0001	<0.0951	<0.0338	NA	<0.0374	<0.0357	<0.0356	NA
2-Chloronaphthalene	ns	ns	ns	ns	ns	<0.0643	<0.0229	NA	<0.0253	<0.0241	<0.0240	NA
2-Chlorophenol	391	nc	5,840	nc	ns	<0.125	<0.0445	NA	<0.0491	<0.0469	<0.0467	NA
2-Methylnaphthalene	239	nc	3,010	nc	ns	<0.130	<0.0463	<0.0066	**0.0744 J**	<0.0488	<0.0486	<0.0058
2-Methylphenol(o-Cresol)	ns	ns	ns	ns	ns	<0.0911	<0.0324	NA	<0.0358	<0.0341	<0.0340	NA
2-Nitroaniline	627	nc	8,010	nc	ns	<0.143	<0.0508	NA	<0.0561	<0.0535	<0.0534	NA
2-Nitrophenol	ns	ns	ns	ns	ns	<0.158	<0.0563	NA	<0.0621	<0.0593	<0.0591	NA
3&4-Methylphenol(m&p Cresol)	ns	ns	ns	ns	ns	<0.0918	<0.0327	NA	<0.0361	<0.0344	<0.0343	NA
3,3'-Dichlorobenzidine	1.21	ca	5.11	ca	ns	<0.136	<0.0484	NA	<0.0534	<0.0510	<0.0508	NA
3-Nitroaniline	ns	ns	ns	ns	ns	<0.0852	<0.0303	NA	<0.0335	<0.0319	<0.0319	NA
4,6-Dinitro-2-methylphenol	ns	ns	ns	ns	ns	<0.154	<0.0549	NA	<0.0607	<0.0579	<0.0577	NA
4-Bromophenylphenyl ether	ns	ns	ns	ns	ns	<0.105	<0.0373	NA	<0.0412	<0.0393	<0.0392	NA
4-Chloro-3-methylphenol	ns	ns	ns	ns	ns	<0.156	<0.0555	NA	<0.0613	<0.0584	<0.0583	NA
4-Chloroaniline	ns	ns	ns	ns	ns	<0.0824	<0.0293	NA	<0.0324	<0.0309	<0.0308	NA
4-Chlorophenylphenyl ether	ns	ns	ns	ns	ns	<0.0933	<0.0332	NA	<0.0367	<0.0350	<0.0349	NA
4-Nitroaniline	27.10	ca	115	ca	ns	<0.208	<0.0740	NA	<0.0817	<0.0780	<0.0777	NA
4-Nitrophenol	ns	ns	ns	ns	ns	<0.126	<0.0449	NA	<0.0496	<0.0473	<0.0472	NA
Acenaphthene	3,590	nc	45,200	nc	ns	<0.178	<0.0632	**0.0151 J**	<0.0698	<0.0666	<0.0664	<0.0045
Acenaphthylene	0.00	ns	ns	ns	ns	<0.179	<0.0636	**0.0072 J**	<0.0702	<0.0670	<0.0668	<0.0038
Anthracene	17,900	nc	100,000	ceiling	197	<0.0801	<0.0285	**0.0579**	<0.0315	<0.0300	<0.0299	<0.0066
Benzo(a)anthracene	1.14	ca	20.8	ca	ns	**0.102 J**	<0.0276	**0.147**	**0.0554 J**	<0.0291	<0.0290	**0.0101 J**
Benzo(a)pyrene	0.12	ca	2.11	ca	0.47	**0.128 J**	<0.0268	**0.149**	**0.0650 J**	**0.0749 J**	<0.0282	**0.0084 J**
Benzo(b)fluoranthene	1.15	ca	21.1	ca	0.48	**0.132 J**	<0.0306	**0.108**	**0.0976 J**	**0.0716 J**	<0.0322	**0.0108 J**
Benzo(g,h,i)perylene	ns	ns	ns	0	ns	**0.146 J**	<0.0466	**0.104**	**0.0748 J**	**0.135 J**	<0.0490	**0.0060 J**
Benzo(k)fluoranthene	11.5	ca	211	ca	ns	<0.120	<0.0427	**0.152**	<0.0471	<0.0450	<0.0448	**0.0044 J**
Butylbenzylphthalate	286	ca	1,210	ca	ns	<0.0804	<0.0286	NA	<0.0316	<0.0301	<0.0300	NA
Carbazole	ns	ns	ns	ns	ns	<0.0785	<0.0279	NA	<0.0308	<0.0294	<0.0293	NA
Chrysene	115	ca	2,110	ca	0.14	***0.179 J***	<0.0267	***0.180***	**0.0846 J**	**0.0286 J**	**0.0354 J**	**0.0090 J**
Di-n-butylphthalate	6,320	nc	82,100	nc	5.03	<0.0749	<0.0266	NA	<0.0294	<0.0281	<0.0280	NA
Di-n-octylphthalate	632	nc	8,210	nc	ns	<0.113	<0.0401	NA	<0.0443	<0.0422	<0.0421	NA
Dibenz(a,h)anthracene	0.12	ca	2.11	ca	ns	<0.136	<0.0484	**0.0389**	<0.0535	<0.0510	<0.0509	<0.0026
Dibenzofuran	73	nc	1,040	nc	ns	<0.0607	<0.0216	NA	**0.0256 J**	<0.0227	<0.0227	NA

Table A-3
Soil Sample Analytical Results - Semi-Volatile Organic Compounds (SVOCs), 910 Mayer Avenue, Madison, Wisconsin.

Parameter	Non-Industrial Direct Contact		Industrial Direct Contact		Soil-to-GW RCL	Soil Sample Results (mg/kg)						
Sample ID (Depth) Sample Date (Depth to Groundwater)	RCL	Basis	RCL	Basis		SB-16 (2-2.5') 8/2/17	SB-17 (4-5') 8/2/17 (7.17')	SB-18 (4-5') 7/28/17 (6.28')	SB-19 (1.5-2') 7/31/17 (2.88')	SB-20 (3-4') 7/31/17 (4.99')	SB-21 (3-3.5') 7/31/17 (6.54')	SB-22 (4-5') 7/31/17 (6.53')
Diethylphthalate	50,600	nc	100,000	ceiling	ns	<0.0831	<0.0296	NA	<0.0326	<0.0311	<0.0311	NA
Dimethylphthalate	569	nc	7,390	nc	ns	<0.0652	<0.0232	*NA*	<0.0256	<0.0244	<0.0244	NA
Fluoranthene	2,390	nc	30,100	nc	88.9	**0.182 J**	<0.0252	**0.308**	**0.134**	<0.0266	**0.0556 J**	**0.0164 J**
Fluorene	2,390	nc	30,100	nc	14.8	<0.0586	<0.0208	**0.0200**	<0.0230	<0.0220	<0.0219	<0.0048
Hexachloro-1,3-butadiene	1.63	ca	7.19	ca	ns	<0.128	<0.0454	NA	<0.0502	<0.0478	<0.0477	NA
Hexachlorobenzene	0.25	ca	1.15	ca	0.03	<0.0843	<0.0300	NA	<0.0331	<0.0316	<0.0315	NA
Hexachlorocyclopentadiene	2.55	nc	10.8	nc	ns	<0.119	<0.0422	NA	<0.0466	<0.0444	<0.0443	NA
Hexachloroethane	2.52	ca	11.1	ca	ns	<0.0802	<0.0285	NA	<0.0315	<0.0301	<0.0300	NA
Indeno(1,2,3-cd)pyrene	1.15	ca	21.1	ca	ns	**0.124 J**	<0.0386	**0.0924**	**0.0728 J**	**0.109 J**	<0.0405	**0.0050 J**
Isophorone	571	ca	2,420	ca	ns	<0.0770	<0.0274	NA	<0.0303	<0.0289	<0.0288	NA
N-Nitroso-di-n-propylamine	0.08	ca	0.33	ca	ns	<0.0795	<0.0283	NA	<0.0312	<0.0298	<0.0297	NA
N-Nitrosodiphenylamine	111	ca	469	ca	0.08	<0.680	<0.242	NA	<0.267	<0.255	<0.254	NA
Naphthalene	5.52	ca	24.1	ca	0.66	<0.175	<0.0623	<0.0110	<0.0688	<0.0657	<0.0655	<0.0098
Nitrobenzene	7.42	ca	32.4	ca	ns	<0.102	<0.0362	NA	<0.0399	<0.0381	<0.0380	NA
Pentachlorophenol	1.02	ca	3.97	ca	0.003	<0.110	<0.0393	NA	<0.0434	<0.0414	<0.0412	NA
Phenanthrene	ns	ns	ns	ns	ns	**0.222**	<0.0229	**0.190**	**0.149**	<0.0241	**0.146**	<0.0135
Phenol	19,000	nc	100,000	ceiling	2.3	<0.119	<0.0423	NA	<0.0467	<0.0446	<0.0444	NA
Pyrene	1,790	nc	22,600	nc	55	**0.203 J**	<0.0395	**0.275**	**0.111 J**	<0.0416	<0.0415	**0.0127 J**
bis(2-Chloroethoxy)methane	190	nc	2,460	nc	ns	<0.135	<0.0480	NA	<0.0530	<0.0506	<0.0504	NA
bis(2-Chloroethyl) ether	ns	ns	ns	ns	ns	<0.156	<0.0557	NA	<0.0615	<0.0586	<0.0585	NA
bis(2-Ethylhexyl)phthalate	38.8	ca	164	ca	2.9	<0.0833	<0.0296	NA	<0.0327	<0.0312	<0.0311	NA

Notes:

All units are milligrams per kilogram (mg/kg).
All depths are measured in feet below ground surface (ft bgs).

Bold	Value exceeds laboratory detection limit (DL).
Italic	Value exceeds a soil to groundwater residual contaminant level (RCL).
Shaded	Value exceeds an industrial direct contact RCL.
Shaded	Value exceeds a non-industrial direct contact RCL.
	Soil sample collected below the water table.
NA	Not analized.
ca	Carcinogen.
Csat	Saturation concentration.
GW	Groundwater.
nc	Non-carcinogen.
ns	No established standard.

Table A-3
Soil Sample Analytical Results - Semi-Volatile Organic Compounds (SVOCs), 910 Mayer Avenue, Madison, Wisconsin.

Parameter	Non-Industrial Direct Contact		Industrial Direct Contact		Soil-to-GW RCL	Soil Sample Results (mg/kg)						
Sample ID (Depth) Sample Date (Depth to Groundwater)	RCL	Basis	RCL	Basis		SB-23 (2-2.5') 7/31/17 (4.08')	SB-24 (3-4') 7/31/17 (8.11')	SB-25 (3-4') 7/31/17 (2.97')	SB-29 (2-2.5') 7/28/17 (3.21')	SB-33 (2.5-3') 7/28/17 (3.74')	SB-35 (3.5-4.5') 7/27/17 (2.6')	SB-38 (8-10') 7/27/17 (6.5')
1,2,4-Trichlorobenzene	24	ca	113	ca	0.41	<0.0204	<0.0212	<0.234	<0.0239	<0.0231	<0.0303	<0.216
1,2-Dichlorobenzene	376	Csat	376	Csat	1.17	<0.0568	<0.0590	<0.650	<0.0664	<0.0643	<0.0843	<0.600
1,3-Dichlorobenzene	297	Csat	297	Csat	1.15	<0.0250	<0.0260	<0.286	<0.0293	<0.0283	<0.0371	<0.264
1,4-Dichlorobenzene	3.74	ca	16.4	ca	0.14	<0.0252	<0.0262	<0.288	<0.0294	<0.0285	<0.0374	<0.266
1-Methylnaphthalene	17.6	ca	72.7	ca	ns	NA	NA	NA	NA	NA	NA	NA
2,2'-Oxybis(1-chloropropane)	ns	ns	ns	ns	ns	<0.0466	<0.0484	<0.533	<0.0545	<0.0527	<0.0692	<0.492
2,4,5-Trichlorophenol	6,320	nc	82,100	nc	ns	<0.0319	<0.0332	<0.365	<0.0373	<0.0361	<0.0474	<0.337
2,4,6-Trichlorophenol	49	ca	209	ca	ns	<0.0276	<0.0286	<0.315	<0.0322	<0.0312	<0.0409	<0.291
2,4-Dichlorophenol	190	nc	2,460	nc	ns	<0.0483	<0.0502	<0.552	<0.0565	<0.0546	<0.0717	<0.510
2,4-Dimethylphenol	1,260	nc	16,400	nc	ns	<0.0357	<0.0371	<0.409	<0.0418	<0.0404	<0.0530	<0.378
2,4-Dinitrophenol	126	nc	1,640	nc	ns	<0.0551	<0.0572	<0.630	<0.0644	<0.0623	<0.0817	<0.582
2,4-Dinitrotoluene	1.74	ca	7.37	ca	0.0001	<0.0259	<0.0269	<0.296	<0.0302	<0.0292	<0.0384	<0.273
2,6-Dinitrotoluene	0.36	ca	1.54	ca	0.0001	<0.0343	<0.0356	<0.392	<0.0401	<0.0388	<0.0509	<0.362
2-Chloronaphthalene	ns	ns	ns	ns	ns	<0.0232	<0.0241	<0.265	<0.0271	<0.0263	<0.0344	<0.245
2-Chlorophenol	391	nc	5,840	nc	ns	<0.0451	<0.0469	<0.516	<0.0527	<0.0510	<0.0669	<0.477
2-Methylnaphthalene	239	nc	3,010	nc	ns	<0.0469	**0.314**	**0.575 J**	**0.249**	<0.0531	**2.43**	<0.496
2-Methylphenol(o-Cresol)	ns	ns	ns	ns	ns	<0.0328	<0.0341	<0.375	<0.0384	<0.0371	<0.0487	<0.347
2-Nitroaniline	627	nc	8,010	nc	ns	<0.0515	<0.0535	<0.589	<0.0602	<0.0583	<0.0764	<0.544
2-Nitrophenol	ns	ns	ns	ns	ns	<0.0570	<0.0593	<0.652	<0.0667	<0.0645	<0.0846	<0.603
3&4-Methylphenol(m&p Cresol)	ns	ns	ns	ns	ns	<0.0331	<0.0344	<0.379	<0.0387	<0.0375	<0.0491	<0.350
3,3'-Dichlorobenzidine	1.21	ca	5.11	ca	ns	<0.0490	<0.0509	<0.561	<0.0573	<0.0555	<0.0728	<0.518
3-Nitroaniline	ns	ns	ns	ns	ns	<0.0307	<0.0319	<0.351	<0.0359	<0.0348	<0.0456	<0.325
4,6-Dinitro-2-methylphenol	ns	ns	ns	ns	ns	<0.0557	<0.0579	<0.637	<0.0651	<0.0630	<0.0827	<0.588
4-Bromophenylphenyl ether	ns	ns	ns	ns	ns	<0.0379	<0.0393	<0.433	<0.0442	<0.0428	<0.0562	<0.400
4-Chloro-3-methylphenol	ns	ns	ns	ns	ns	<0.0562	<0.0584	<0.643	<0.0657	<0.0636	<0.0834	<0.594
4-Chloroaniline	ns	ns	ns	ns	ns	<0.0297	<0.0309	<0.340	<0.0347	<0.0336	<0.0441	<0.314
4-Chlorophenylphenyl ether	ns	ns	ns	ns	ns	<0.0337	<0.0350	<0.385	<0.0394	<0.0381	<0.0499	<0.356
4-Nitroaniline	27.10	ca	115	ca	ns	<0.0750	<0.0779	<0.858	<0.0877	<0.0849	<0.111	<0.792
4-Nitrophenol	ns	ns	ns	ns	ns	<0.0455	<0.0473	<0.520	<0.0532	<0.0515	<0.0675	<0.481
Acenaphthene	3,590	nc	45,200	nc	ns	<0.0641	**0.109 J**	**1.69 J**	**0.141 J**	<0.0725	**1.08**	<0.677
Acenaphthylene	0.00	ns	ns	ns	ns	<0.0645	<0.0670	<0.737	<0.0754	<0.0729	**0.0983 J**	<0.681
Anthracene	17,900	nc	100,000	ceiling	197	**0.0293 J**	**0.272**	**4.42**	**0.281**	<0.0327	**0.481**	<0.305
Benzo(a)anthracene	1.14	ca	20.8	ca	ns	**0.102**	**0.561**	**5.26**	**0.603**	<0.0317	**0.319**	<0.296
Benzo(a)pyrene	0.12	ca	2.11	ca	0.47	**0.112**	***0.528***	***3.96***	***0.642***	<0.0308	**0.244**	<0.287
Benzo(b)fluoranthene	1.15	ca	21.1	ca	0.48	**0.137**	***0.655***	***5.31***	***0.737***	<0.0351	**0.219**	<0.328
Benzo(g,h,i)perylene	ns	ns	ns	0	ns	**0.0929 J**	**0.348**	**2.26**	**0.455**	<0.0535	**0.144 J**	<0.500
Benzo(k)fluoranthene	11.5	ca	211	ca	ns	**0.0495 J**	**0.229**	**1.91**	**0.266**	<0.0490	**0.0920 J**	<0.457
Butylbenzylphthalate	286	ca	1,210	ca	ns	<0.0290	<0.0301	<0.331	<0.0339	<0.0328	<0.0430	<0.306
Carbazole	ns	ns	ns	ns	ns	<0.0283	**0.124**	**2.06**	**0.125**	<0.0320	<0.0420	<0.299
Chrysene	115	ca	2,110	ca	0.14	**0.113**	***0.578***	***5.51***	***0.614***	<0.0306	***0.372***	<0.285
Di-n-butylphthalate	6,320	nc	82,100	nc	5.03	<0.0270	<0.0281	<0.309	<0.0316	<0.0306	<0.0401	<0.285
Di-n-octylphthalate	632	nc	8,210	nc	ns	<0.0406	<0.0422	<0.465	<0.0475	<0.0460	<0.0603	<0.429
Dibenz(a,h)anthracene	0.12	ca	2.11	ca	ns	<0.0491	**0.0976 J**	**0.631 J**	**0.0941 J**	<0.0555	<0.0728	<0.519
Dibenzofuran	73	nc	1,040	nc	ns	<0.0219	**0.113**	**1.26**	**0.0664 J**	<0.0247	**0.113**	<0.231

Table A-3
Soil Sample Analytical Results - Semi-Volatile Organic Compounds (SVOCs), 910 Mayer Avenue, Madison, Wisconsin.

Parameter	Non-Industrial Direct Contact		Industrial Direct Contact		Soil-to-GW RCL	Soil Sample Results (mg/kg)						
Sample ID (Depth) Sample Date (Depth to Groundwater)	RCL	Basis	RCL	Basis		SB-23 (2-2.5') 7/31/17 (4.08')	SB-24 (3-4') 7/31/17 (8.11')	SB-25 (3-4') 7/31/17 (2.97')	SB-29 (2-2.5') 7/28/17 (3.21')	SB-33 (2.5-3') 7/28/17 (3.74')	SB-35 (3.5-4.5') 7/27/17 (2.6')	SB-38 (8-10') 7/27/17 (6.5')
Diethylphthalate	50,600	nc	100,000	ceiling	ns	<0.0300	<0.0311	<0.343	<0.0350	<0.0339	<0.0445	<0.317
Dimethylphthalate	569	nc	7,390	nc	ns	<0.0235	<0.0244	<0.269	<0.0275	<0.0266	<0.0349	<0.248
Fluoranthene	2,390	nc	30,100	nc	88.9	**0.220**	**1.24**	**14.4**	**1.58**	<0.0289	**0.677**	<0.270
Fluorene	2,390	nc	30,100	nc	14.8	<0.0211	**0.120**	**2.21**	**0.140**	<0.0239	**0.581**	<0.223
Hexachloro-1,3-butadiene	1.63	ca	7.19	ca	ns	<0.0460	<0.0478	<0.526	<0.0538	<0.0521	<0.0683	<0.486
Hexachlorobenzene	0.25	ca	1.15	ca	0.03	<0.0304	<0.0316	<0.348	<0.0355	<0.0344	<0.0451	<0.321
Hexachlorocyclopentadiene	2.55	nc	10.8	nc	ns	<0.0428	<0.0444	<0.489	<0.0500	<0.0484	<0.0635	<0.452
Hexachloroethane	2.52	ca	11.1	ca	ns	<0.0289	<0.0300	<0.331	<0.0338	<0.0327	<0.0429	<0.306
Indeno(1,2,3-cd)pyrene	1.15	ca	21.1	ca	ns	**0.0833 J**	**0.388**	**2.70**	**0.477**	<0.0442	**0.141 J**	<0.413
Isophorone	571	ca	2,420	ca	ns	<0.0278	<0.0289	<0.318	<0.0325	<0.0314	<0.0412	<0.294
N-Nitroso-di-n-propylamine	0.08	ca	0.33	ca	ns	<0.0287	<0.0298	<0.328	<0.0335	<0.0324	<0.0425	<0.303
N-Nitrosodiphenylamine	111	ca	469	ca	0.08	<0.245	<0.255	<2.80	<0.287	<0.277	<0.364	<2.59
Naphthalene	5.52	ca	24.1	ca	0.66	<0.0632	**0.269**	<0.723	**0.352**	<0.0715	**3.42**	<0.668
Nitrobenzene	7.42	ca	32.4	ca	ns	<0.0367	<0.0381	<0.419	<0.0428	<0.0415	<0.0544	<0.387
Pentachlorophenol	1.02	ca	3.97	ca	0.003	<0.0398	<0.0414	<0.455	<0.0465	<0.0450	<0.0591	<0.420
Phenanthrene	ns	ns	ns	ns	ns	**0.106**	**0.990**	**15.9**	**1.24**	<0.0262	**1.67**	<0.245
Phenol	19,000	nc	100,000	ceiling	2.3	<0.0429	<0.0446	<0.490	<0.0501	<0.0485	**0.0738 J**	<0.453
Pyrene	1,790	nc	22,600	nc	55	**0.180**	**1.07**	**10.7**	**1.31**	<0.0453	**0.882**	<0.423
bis(2-Chloroethoxy)methane	190	nc	2,460	nc	ns	<0.0487	<0.0506	<0.557	<0.0569	<0.0551	<0.0722	<0.514
bis(2-Chloroethyl) ether	ns	ns	ns	ns	ns	<0.0564	<0.0586	<0.645	<0.0660	<0.0638	<0.0837	<0.596
bis(2-Ethylhexyl)phthalate	38.8	ca	164	ca	2.9	<0.0301	<0.0312	<0.344	<0.0351	<0.0340	<0.0446	<0.317

Notes:

All units are milligrams per kilogram (mg/kg).
All depths are measured in feet below ground surface (ft bgs).

Bold	Value exceeds laboratory detection limit (DL).
Italic	Value exceeds a soil to groundwater residual contaminant level (RCL).
Shaded	Value exceeds an industrial direct contact RCL.
Shaded	Value exceeds a non-industrial direct contact RCL.
	Soil sample collected below the water table.
NA	Not analized.
ca	Carcinogen.
Csat	Saturation concentration.
GW	Groundwater.
nc	Non-carcinogen.
ns	No established standard.

Table A-3
Soil Sample Analytical Results - Semi-Volatile Organic Compounds (SVOCs), 910 Mayer Avenue, Madison, Wisconsin.

Parameter	Non-Industrial Direct Contact		Industrial Direct Contact		Soil-to-GW RCL	Soil Sample Results (mg/kg)						
Sample ID (Depth) Sample Date (Depth to Groundwater)	RCL	Basis	RCL	Basis		SB-39 (3-4') 8/1/17 (1.5')	SB-40 (4-5') 8/1/17 (8.5')	SB-41 (1-1.5') 8/1/17 (4.43')	SB-42 (1-2') 7/31/17 (12.79')	SB-43 (3-4') 8/1/17 (6.25')	SB-44 (2-3') 8/1/17 (5.28')	SB-45 (2-3') 8/1/17 (3.86')
1,2,4-Trichlorobenzene	24	ca	113	ca	0.41	<0.0285	<0.0308	<0.0243	NA	NA	NA	<0.0208
1,2-Dichlorobenzene	376	Csat	376	Csat	1.17	<0.0791	<0.0858	<0.0676	NA	NA	NA	<0.0579
1,3-Dichlorobenzene	297	Csat	297	Csat	1.15	<0.0349	<0.0378	<0.0298	NA	NA	NA	<0.0255
1,4-Dichlorobenzene	3.74	ca	16.4	ca	0.14	<0.0351	<0.0380	<0.0300	NA	NA	NA	<0.0257
1-Methylnaphthalene	17.6	ca	72.7	ca	ns	NA	NA	NA	**0.137 J**	<0.0052	**0.0087 J**	NA
2,2'-Oxybis(1-chloropropane)	ns	ns	ns	ns	ns	<0.0649	<0.0703	<0.0555	NA	NA	NA	<0.0475
2,4,5-Trichlorophenol	6,320	nc	82,100	nc	ns	<0.0445	<0.0482	<0.0380	NA	NA	NA	<0.0325
2,4,6-Trichlorophenol	49	ca	209	ca	ns	<0.0384	<0.0416	<0.0328	NA	NA	NA	<0.0281
2,4-Dichlorophenol	190	nc	2,460	nc	ns	<0.0673	<0.0729	<0.0575	NA	NA	NA	<0.0492
2,4-Dimethylphenol	1,260	nc	16,400	nc	ns	<0.0498	<0.0539	<0.0425	NA	NA	NA	<0.0364
2,4-Dinitrophenol	126	nc	1,640	nc	ns	<0.0767	<0.0831	<0.0655	NA	NA	NA	<0.0561
2,4-Dinitrotoluene	1.74	ca	7.37	ca	0.0001	<0.0360	<0.0390	<0.0308	NA	NA	NA	<0.0263
2,6-Dinitrotoluene	0.36	ca	1.54	ca	0.0001	<0.0478	<0.0518	<0.0408	NA	NA	NA	<0.0350
2-Chloronaphthalene	ns	ns	ns	ns	ns	<0.0323	<0.0350	<0.0276	NA	NA	NA	<0.0236
2-Chlorophenol	391	nc	5,840	nc	ns	<0.0628	<0.0681	<0.0537	NA	NA	NA	<0.0460
2-Methylnaphthalene	239	nc	3,010	nc	ns	<0.0654	<0.0708	<0.0558	<0.165	<0.0064	**0.0176 J**	**0.367**
2-Methylphenol(o-Cresol)	ns	ns	ns	ns	ns	<0.0457	<0.0496	<0.0391	NA	NA	NA	<0.0335
2-Nitroaniline	627	nc	8,010	nc	ns	<0.0717	<0.0777	<0.0613	NA	NA	NA	<0.0525
2-Nitrophenol	ns	ns	ns	ns	ns	<0.0794	<0.0861	<0.0679	NA	NA	NA	<0.0581
3&4-Methylphenol(m&p Cresol)	ns	ns	ns	ns	ns	<0.0461	<0.0500	<0.0394	NA	NA	NA	<0.0337
3,3'-Dichlorobenzidine	1.21	ca	5.11	ca	ns	<0.0683	<0.0740	<0.0583	NA	NA	NA	<0.0500
3-Nitroaniline	ns	ns	ns	ns	ns	<0.0428	<0.0464	<0.0366	NA	NA	NA	<0.0313
4,6-Dinitro-2-methylphenol	ns	ns	ns	ns	ns	<0.0776	<0.0841	<0.0663	NA	NA	NA	<0.0568
4-Bromophenylphenyl ether	ns	ns	ns	ns	ns	<0.0527	<0.0571	<0.0450	NA	NA	NA	<0.0386
4-Chloro-3-methylphenol	ns	ns	ns	ns	ns	<0.0783	<0.0849	<0.0669	NA	NA	NA	<0.0573
4-Chloroaniline	ns	ns	ns	ns	ns	<0.0414	<0.0448	<0.0353	NA	NA	NA	<0.0303
4-Chlorophenylphenyl ether	ns	ns	ns	ns	ns	<0.0469	<0.0508	<0.0401	NA	NA	NA	<0.0343
4-Nitroaniline	27.10	ca	115	ca	ns	<0.104	<0.113	<0.0892	NA	NA	NA	<0.0764
4-Nitrophenol	ns	ns	ns	ns	ns	<0.0634	<0.0687	<0.0541	NA	NA	NA	<0.0464
Acenaphthene	3,590	nc	45,200	nc	ns	<0.0893	<0.0967	<0.0763	**0.759**	<0.0050	**0.0133 J**	<0.0653
Acenaphthylene	0.00	ns	ns	ns	ns	<0.0898	<0.0973	<0.0767	<0.109	<0.0042	**0.0045 J**	<0.0657
Anthracene	17,900	nc	100,000	ceiling	197	**0.0473 J**	<0.0436	<0.0344	**1.56**	<0.0073	**0.0258**	**0.0489 J**
Benzo(a)anthracene	1.14	ca	20.8	ca	ns	**0.120 J**	**0.0900 J**	**0.115**	**3.39**	<0.0041	**0.0486**	**0.0841 J**
Benzo(a)pyrene	0.12	ca	2.11	ca	0.47	**0.158**	**0.114 J**	**0.0876 J**	***3.14***	<0.0032	**0.0667**	**0.0717 J**
Benzo(b)fluoranthene	1.15	ca	21.1	ca	0.48	**0.191**	**0.157**	**0.104 J**	***4.40***	<0.0036	**0.0590**	**0.0690 J**
Benzo(g,h,i)perylene	ns	ns	ns	0	ns	**0.231**	**0.124 J**	**0.0961 J**	**1.99**	<0.0026	**0.0729**	**0.116 J**
Benzo(k)fluoranthene	11.5	ca	211	ca	ns	**0.0726 J**	**0.0672 J**	<0.0515	**1.80**	<0.0032	**0.0588**	<0.0441
Butylbenzylphthalate	286	ca	1,210	ca	ns	<0.0404	<0.0437	<0.0345	NA	NA	NA	<0.0295
Carbazole	ns	ns	ns	ns	ns	<0.0394	<0.0427	<0.0337	NA	NA	NA	<0.0288
Chrysene	115	ca	2,110	ca	0.14	***0.152***	**0.133 J**	***0.179***	***4.17***	<0.0043	**0.0616**	**0.127**
Di-n-butylphthalate	6,320	nc	82,100	nc	5.03	<0.0376	<0.0408	<0.0321	NA	NA	NA	<0.0275
Di-n-octylphthalate	632	nc	8,210	nc	ns	<0.0566	<0.0613	<0.0483	NA	NA	NA	<0.0414
Dibenz(a,h)anthracene	0.12	ca	2.11	ca	ns	<0.0684	<0.0741	<0.0584	**0.534**	<0.0029	**0.0196**	<0.0500
Dibenzofuran	73	nc	1,040	nc	ns	<0.0305	<0.0330	**0.119**	NA	NA	NA	**0.0907**

Table A-3
Soil Sample Analytical Results - Semi-Volatile Organic Compounds (SVOCs), 910 Mayer Avenue, Madison, Wisconsin.

Parameter	Non-Industrial Direct Contact		Industrial Direct Contact		Soil-to-GW RCL	Soil Sample Results (mg/kg)						
Sample ID (Depth) Sample Date (Depth to Groundwater)	RCL	Basis	RCL	Basis		SB-39 (3-4') 8/1/17 (1.5')	SB-40 (4-5') 8/1/17 (8.5')	SB-41 (1-1.5') 8/1/17 (4.43')	SB-42 (1-2') 7/31/17 (12.79')	SB-43 (3-4') 8/1/17 (6.25')	SB-44 (2-3') 8/1/17 (5.28')	SB-45 (2-3') 8/1/17 (3.86')
Diethylphthalate	50,600	nc	100,000	ceiling	ns	<0.0417	<0.0452	<0.0357	NA	NA	NA	<0.0305
Dimethylphthalate	569	nc	7,390	nc	ns	<0.0327	<0.0355	<0.0280	NA	NA	NA	<0.0240
Fluoranthene	2,390	nc	30,100	nc	88.9	**0.250**	**0.291**	**0.212**	**9.93**	<0.0067	**0.130**	**0.0955**
Fluorene	2,390	nc	30,100	nc	14.8	<0.0294	<0.0319	**0.0291 J**	**0.643**	<0.0053	**0.0118 J**	<0.0215
Hexachloro-1,3-butadiene	1.63	ca	7.19	ca	ns	<0.0641	<0.0695	<0.0548	NA	NA	NA	<0.0469
Hexachlorobenzene	0.25	ca	1.15	ca	0.03	<0.0423	<0.0459	<0.0362	NA	NA	NA	<0.0310
Hexachlorocyclopentadiene	2.55	nc	10.8	nc	ns	<0.0596	<0.0646	<0.0509	NA	NA	NA	<0.0436
Hexachloroethane	2.52	ca	11.1	ca	ns	<0.0403	<0.0437	<0.0344	NA	NA	NA	<0.0295
Indeno(1,2,3-cd)pyrene	1.15	ca	21.1	ca	ns	**0.210**	**0.142 J**	**0.0705 J**	**1.75**	<0.0028	**0.0537**	**0.0585 J**
Isophorone	571	ca	2,420	ca	ns	<0.0387	<0.0419	<0.0331	NA	NA	NA	<0.0283
N-Nitroso-di-n-propylamine	0.08	ca	0.33	ca	ns	<0.0399	<0.0433	<0.0341	NA	NA	NA	<0.0292
N-Nitrosodiphenylamine	111	ca	469	ca	0.08	<0.342	<0.370	<0.292	NA	NA	NA	<0.250
Naphthalene	5.52	ca	24.1	ca	0.66	<0.0880	<0.0954	<0.0752	<0.278	<0.0108	**0.0470**	**0.148 J**
Nitrobenzene	7.42	ca	32.4	ca	ns	<0.0510	<0.0553	<0.0436	NA	NA	NA	<0.0373
Pentachlorophenol	1.02	ca	3.97	ca	0.003	<0.0554	<0.0601	<0.0474	NA	NA	NA	<0.0406
Phenanthrene	ns	ns	ns	ns	ns	**0.161**	**0.179**	**0.702**	**8.08**	<0.0149	**0.0837**	**0.362**
Phenol	19,000	nc	100,000	ceiling	2.3	<0.0597	**0.114 J**	<0.0510	NA	NA	NA	<0.0437
Pyrene	1,790	nc	22,600	nc	55	**0.258**	**0.213**	**0.217**	**6.96**	<0.0058	**0.108**	**0.158**
bis(2-Chloroethoxy)methane	190	nc	2,460	nc	ns	<0.0678	<0.0735	<0.0579	NA	NA	NA	<0.0496
bis(2-Chloroethyl) ether	ns	ns	ns	ns	ns	<0.0786	<0.0852	<0.0671	NA	NA	NA	<0.0575
bis(2-Ethylhexyl)phthalate	38.8	ca	164	ca	2.9	<0.0419	<0.0454	<0.0358	NA	NA	NA	<0.0306

Notes:

All units are milligrams per kilogram (mg/kg).
All depths are measured in feet below ground surface (ft bgs).

Bold	Value exceeds laboratory detection limit (DL).
Italic	Value exceeds a soil to groundwater residual contaminant level (RCL).
Shaded	Value exceeds an industrial direct contact RCL.
Shaded	Value exceeds a non-industrial direct contact RCL.
	Soil sample collected below the water table.
NA	Not analized.
ca	Carcinogen.
Csat	Saturation concentration.
GW	Groundwater.
nc	Non-carcinogen.
ns	No established standard.

Table A-3
Soil Sample Analytical Results - Semi-Volatile Organic Compounds (SVOCs), 910 Mayer Avenue, Madison, Wisconsin.

Parameter	Non-Industrial Direct Contact		Industrial Direct Contact		Soil-to-GW RCL	Soil Sample Results (mg/kg)						
Sample ID (Depth) Sample Date (Depth to Groundwater)	RCL	Basis	RCL	Basis		SB-46 (4-5') 8/1/17 (4.11')	SB-47 (2-2.5') 8/1/17 (4.02')	SB-48 (1-2') 8/1/17 (6.37')	SB-49 (5-7') 8/2/17 (4.96')	SB-50 (1-2') 8/2/17 (5.04')	SB-51 (1-1.5') 8/2/17 (4.86')	SB-52 (4-5') 7/28/17 (7.62')
1,2,4-Trichlorobenzene	24	ca	113	ca	0.41	<0.0228	<0.0237	<0.0236	<0.0206	<0.0205	<0.0448	NA
1,2-Dichlorobenzene	376	Csat	376	Csat	1.17	<0.0635	<0.0660	<0.0655	<0.0574	<0.0571	<0.125	NA
1,3-Dichlorobenzene	297	Csat	297	Csat	1.15	<0.0280	<0.0291	<0.0289	<0.0253	<0.0251	<0.0549	NA
1,4-Dichlorobenzene	3.74	ca	16.4	ca	0.14	<0.0281	<0.0292	<0.0290	<0.0254	<0.0253	<0.0552	NA
1-Methylnaphthalene	17.6	ca	72.7	ca	ns	NA	NA	NA	NA	NA	NA	<0.0052
2,2'-Oxybis(1-chloropropane)	ns	ns	ns	ns	ns	<0.0521	<0.0541	<0.0537	<0.0471	<0.0468	<0.102	NA
2,4,5-Trichlorophenol	6,320	nc	82,100	nc	ns	<0.0357	<0.0371	<0.0368	<0.0322	<0.0321	<0.0700	NA
2,4,6-Trichlorophenol	49	ca	209	ca	ns	<0.0308	<0.0320	<0.0318	<0.0278	<0.0277	<0.0604	NA
2,4-Dichlorophenol	190	nc	2,460	nc	ns	<0.0540	<0.0561	<0.0557	<0.0488	<0.0485	<0.106	NA
2,4-Dimethylphenol	1,260	nc	16,400	nc	ns	<0.0400	<0.0415	<0.0412	<0.0361	<0.0359	<0.0784	NA
2,4-Dinitrophenol	126	nc	1,640	nc	ns	<0.0615	<0.0639	<0.0635	<0.0556	<0.0553	<0.121	NA
2,4-Dinitrotoluene	1.74	ca	7.37	ca	0.0001	<0.0289	<0.0300	<0.0298	<0.0261	<0.0259	<0.0567	NA
2,6-Dinitrotoluene	0.36	ca	1.54	ca	0.0001	<0.0384	<0.0398	<0.0396	<0.0347	<0.0344	<0.0753	NA
2-Chloronaphthalene	ns	ns	ns	ns	ns	<0.0259	<0.0269	<0.0267	<0.0234	<0.0233	<0.0509	NA
2-Chlorophenol	391	nc	5,840	nc	ns	<0.0504	<0.0524	<0.0520	<0.0456	<0.0453	<0.0990	NA
2-Methylnaphthalene	239	nc	3,010	nc	ns	**0.410**	<0.0545	<0.0541	<0.0474	<0.0471	**0.131 J**	<0.0064
2-Methylphenol(o-Cresol)	ns	ns	ns	ns	ns	<0.0367	<0.0381	<0.0379	<0.0332	<0.0330	<0.0720	NA
2-Nitroaniline	627	nc	8,010	nc	ns	<0.0576	<0.0598	<0.0594	<0.0520	<0.0517	<0.113	NA
2-Nitrophenol	ns	ns	ns	ns	ns	<0.0638	<0.0662	<0.0658	<0.0576	<0.0573	<0.125	NA
3&4-Methylphenol(m&p Cresol)	ns	ns	ns	ns	ns	<0.0370	**0.0480 J**	<0.0382	<0.0335	<0.0333	<0.0727	NA
3,3'-Dichlorobenzidine	1.21	ca	5.11	ca	ns	<0.0548	<0.0569	<0.0565	<0.0495	<0.0492	<0.108	NA
3-Nitroaniline	ns	ns	ns	ns	ns	<0.0344	<0.0357	<0.0354	<0.0310	<0.0309	<0.0674	NA
4,6-Dinitro-2-methylphenol	ns	ns	ns	ns	ns	<0.0623	<0.0647	<0.0642	<0.0563	<0.0559	<0.122	NA
4-Bromophenylphenyl ether	ns	ns	ns	ns	ns	<0.0423	<0.0440	<0.0436	<0.0382	<0.0380	<0.0830	NA
4-Chloro-3-methylphenol	ns	ns	ns	ns	ns	<0.0629	<0.0653	<0.0648	<0.0568	<0.0565	<0.123	NA
4-Chloroaniline	ns	ns	ns	ns	ns	<0.0332	<0.0345	<0.0342	<0.0300	<0.0298	<0.0652	NA
4-Chlorophenylphenyl ether	ns	ns	ns	ns	ns	<0.0376	<0.0391	<0.0388	<0.0340	<0.0338	<0.0738	NA
4-Nitroaniline	27.10	ca	115	ca	ns	<0.0839	<0.0871	<0.0865	<0.0758	<0.0753	<0.165	NA
4-Nitrophenol	ns	ns	ns	ns	ns	<0.0509	<0.0528	<0.0525	<0.0460	<0.0457	<0.0998	NA
Acenaphthene	3,590	nc	45,200	nc	ns	<0.0716	<0.0744	<0.0739	<0.0647	<0.0643	<0.141	<0.0050
Acenaphthylene	0.00	ns	ns	ns	ns	<0.0721	<0.0749	<0.0743	<0.0651	<0.0647	<0.141	<0.0042
Anthracene	17,900	nc	100,000	ceiling	197	**0.0856 J**	<0.0335	<0.0333	<0.0292	<0.0290	**0.391**	**0.0117 J**
Benzo(a)anthracene	1.14	ca	20.8	ca	ns	**0.212**	**0.0511 J**	<0.0323	<0.0283	**0.0294 J**	**1.01**	**0.0370**
Benzo(a)pyrene	0.12	ca	2.11	ca	0.47	**0.224**	**0.0557 J**	<0.0313	<0.0275	**0.0345 J**	**0.892**	**0.0413**
Benzo(b)fluoranthene	1.15	ca	21.1	ca	0.48	**0.144**	**0.0699 J**	<0.0358	<0.0314	**0.0315 J**	**1.15**	**0.0316**
Benzo(g,h,i)perylene	ns	ns	ns	0	ns	**0.443**	**0.0879 J**	<0.0545	<0.0478	<0.0475	**0.563**	**0.0309**
Benzo(k)fluoranthene	11.5	ca	211	ca	ns	<0.0484	<0.0502	<0.0499	<0.0437	<0.0434	**0.440**	**0.0402**
Butylbenzylphthalate	286	ca	1,210	ca	ns	<0.0324	<0.0337	<0.0334	<0.0293	<0.0291	<0.0636	NA
Carbazole	ns	ns	ns	ns	ns	<0.0316	<0.0329	<0.0326	<0.0286	<0.0284	**0.106 J**	NA
Chrysene	115	ca	2,110	ca	0.14	***0.359***	**0.0654 J**	<0.0312	<0.0273	**0.0460 J**	***1.09***	**0.0400**
Di-n-butylphthalate	6,320	nc	82,100	nc	5.03	<0.0302	<0.0314	<0.0311	<0.0273	<0.0271	<0.0593	NA
Di-n-octylphthalate	632	nc	8,210	nc	ns	<0.0454	<0.0472	<0.0468	<0.0410	<0.0408	<0.0891	NA
Dibenz(a,h)anthracene	0.12	ca	2.11	ca	ns	**0.0892 J**	<0.0570	<0.0566	<0.0496	<0.0493	***0.140 J***	**0.0094 J**
Dibenzofuran	73	nc	1,040	nc	ns	**0.0805 J**	<0.0254	<0.0252	<0.0221	<0.0220	**0.0886 J**	NA

Table A-3
Soil Sample Analytical Results - Semi-Volatile Organic Compounds (SVOCs), 910 Mayer Avenue, Madison, Wisconsin.

Parameter	Non-Industrial Direct Contact		Industrial Direct Contact		Soil-to-GW RCL	Soil Sample Results (mg/kg)						
Sample ID (Depth) Sample Date (Depth to Groundwater)	RCL	Basis	RCL	Basis		SB-46 (4-5') 8/1/17 (4.11')	SB-47 (2-2.5') 8/1/17 (4.02')	SB-48 (1-2') 8/1/17 (6.37')	SB-49 (5-7') 8/2/17 (4.96')	SB-50 (1-2') 8/2/17 (5.04')	SB-51 (1-1.5') 8/2/17 (4.86')	SB-52 (4-5') 7/28/17 (7.62')
Diethylphthalate	50,600	nc	100,000	ceiling	ns	<0.0335	<0.0348	<0.0345	<0.0303	<0.0301	<0.0657	NA
Dimethylphthalate	569	nc	7,390	nc	ns	<0.0263	<0.0273	<0.0271	<0.0237	<0.0236	<0.0516	NA
Fluoranthene	2,390	nc	30,100	nc	88.9	**0.127**	**0.0773 J**	<0.0295	<0.0258	**0.0506 J**	**2.24**	**0.0858**
Fluorene	2,390	nc	30,100	nc	14.8	**0.0302 J**	<0.0245	<0.0244	<0.0213	<0.0212	**0.131 J**	<0.0053
Hexachloro-1,3-butadiene	1.63	ca	7.19	ca	ns	<0.0515	<0.0535	<0.0531	<0.0465	<0.0462	<0.101	NA
Hexachlorobenzene	0.25	ca	1.15	ca	0.03	<0.0340	<0.0353	<0.0350	<0.0307	<0.0305	<0.0667	NA
Hexachlorocyclopentadiene	2.55	nc	10.8	nc	ns	<0.0478	<0.0497	<0.0493	<0.0432	<0.0429	<0.0938	NA
Hexachloroethane	2.52	ca	11.1	ca	ns	<0.0323	<0.0336	<0.0333	<0.0292	<0.0290	<0.0634	NA
Indeno(1,2,3-cd)pyrene	1.15	ca	21.1	ca	ns	**0.140 J**	**0.0456 J**	<0.0451	<0.0395	**0.0418 J**	**0.616**	**0.0260**
Isophorone	571	ca	2,420	ca	ns	<0.0311	<0.0323	<0.0320	<0.0281	<0.0279	<0.0609	NA
N-Nitroso-di-n-propylamine	0.08	ca	0.33	ca	ns	<0.0320	<0.0333	<0.0330	<0.0290	<0.0288	<0.0629	NA
N-Nitrosodiphenylamine	111	ca	469	ca	0.08	<0.274	<0.285	<0.283	<0.248	<0.246	<0.538	NA
Naphthalene	5.52	ca	24.1	ca	0.66	**0.189 J**	<0.0734	<0.0729	<0.0638	<0.0634	<0.139	<0.0109
Nitrobenzene	7.42	ca	32.4	ca	ns	<0.0410	<0.0426	<0.0423	<0.0370	<0.0368	<0.0804	NA
Pentachlorophenol	1.02	ca	3.97	ca	0.003	<0.0445	<0.0462	<0.0459	<0.0402	<0.0400	<0.0873	NA
Phenanthrene	ns	ns	ns	ns	ns	**0.528**	**0.0510 J**	<0.0267	<0.0234	**0.0415 J**	**1.51**	**0.0451 J**
Phenol	19,000	nc	100,000	ceiling	2.3	<0.0479	<0.0498	<0.0494	<0.0433	<0.0431	<0.0941	NA
Pyrene	1,790	nc	22,600	nc	55	**0.312**	**0.0853 J**	<0.0462	<0.0405	**0.0562 J**	**1.59**	**0.0677**
bis(2-Chloroethoxy)methane	190	nc	2,460	nc	ns	<0.0544	<0.0565	<0.0561	<0.0492	<0.0489	<0.107	NA
bis(2-Chloroethyl) ether	ns	ns	ns	ns	ns	<0.0631	<0.0655	<0.0650	<0.0570	<0.0566	<0.124	NA
bis(2-Ethylhexyl)phthalate	38.8	ca	164	ca	2.9	<0.0336	**0.467**	<0.0346	<0.0304	<0.0302	<0.0659	NA

Notes:

All units are milligrams per kilogram (mg/kg).
All depths are measured in feet below ground surface (ft bgs).

Bold	Value exceeds laboratory detection limit (DL).
Italic	Value exceeds a soil to groundwater residual contaminant level (RCL).
Shaded	Value exceeds an industrial direct contact RCL.
Shaded	Value exceeds a non-industrial direct contact RCL.
	Soil sample collected below the water table.
NA	Not analized.
ca	Carcinogen.
Csat	Saturation concentration.
GW	Groundwater.
nc	Non-carcinogen.
ns	No established standard.

Table A-4
Soil Sample Analytical Results - Metals, 910 Mayer Avenue, Madison, Wisconsin.

Parameter	Background Threshold Value	Non-Industrial Direct Contact		Industrial Direct Contact		Soil-to-GW RCL	Soil Sample Results (mg/kg)						
Sample ID (Depth) Sample Date (Depth to Groundwater)		RCL	Basis	RCL	Basis		SB-1 (1-1.5') 7/31/17 (6')	SB-2 (1-1.5') 7/31/17 (6')	SB-3 (8-10') 7/31/17 (6.45')	SB-4 (3-4') 7/31/17 (4.86')	SB-5 (4-5') 7/31/17 (4.44')	SB-6 (3-4') 7/31/17 (5.4')	SB-7 (10-12') 8/1/17 (12')
Arsenic, Inorganic	*8*	0.677	ca	3	ca	*0.584*	NA	NA	NA	NA	NA	NA	NA
Barium	*364*	15,300	nc	100,000	ceiling	*164.8*	NA	NA	NA	NA	NA	NA	NA
Cadmium (diet)	*1*	71.1	nc	985	nc	*0.752*	NA	NA	NA	NA	NA	NA	NA
Chromium, Total*	*44*	ns	ns	ns	ns	*360,000*	NA	NA	NA	NA	NA	NA	NA
Lead and compounds	*52*	400	ns	800	ns	*27*	**9.2**	***37.6***	**12.1**	**14.0**	**4.1**	**5.6**	**10.3**
Mercury (elemental)	*ns*	3.13	Csat	3	Csat	*0.208*	NA	NA	NA	NA	NA	NA	NA
Selenium	*ns*	391	nc	5,840	nc	*0.52*	NA	NA	NA	NA	NA	NA	NA
Silver	*ns*	391	nc	5,840	nc	*0.8491*	NA	NA	NA	NA	NA	NA	NA

Notes:

All units are milligrams per kilogram (mg/kg).
All depths are measured in feet below ground surface (ft bgs).
* Chromium soil to groundwater RCL is applicable if no chormium VI present.

Bold	Value exceeds laboratory detection limit (DL).
Italic	Value exceeds a soil to groundwater residual contaminant level (RCL).
Shaded	Value exceeds an industrial direct contact RCL.
Shaded	Value exceeds a non-industrial direct contact RCL.
	Soil sample collected below the water table.
NA	Not analized.
ca	Carcinogen.
Csat	Saturation concentration.
GW	Groundwater.
nc	Non-carcinogen.
ns	No established standard.

Table A-4
Soil Sample Analytical Results - Metals, 910 Mayer Avenue, Madison, Wisconsin.

Parameter	Background Threshold Value	Non-Industrial Direct Contact		Industrial Direct Contact		Soil-to-GW RCL	Soil Sample Results (mg/kg)						
Sample ID (Depth) Sample Date (Depth to Groundwater)		RCL	Basis	RCL	Basis		SB-8 (10-12') 8/1/17 (5.13')	SB-9 (4-5') 8/1/17 (4.75')	SB-11 (4-5') 7/31/17 (4.41')	SB-12 (1-1.5') 8/1/17 (4.35')	SB-13 (1.5-2') 7/28/17 (3.45')	SB-14 (3-4') 7/28/17 (4.18')	SB-15 (5-7') 7/28/17 (2.97')
Arsenic, Inorganic	*8*	0.677	ca	3	ca	*0.584*	NA	NA	NA	***6.4***	NA	***13.5***	***3.6 J***
Barium	*364*	15,300	nc	100,000	ceiling	*164.8*	NA	NA	NA	**161**	NA	**46.7**	**73.2**
Cadmium (diet)	*1*	71.1	nc	985	nc	*0.752*	NA	NA	NA	**0.43 J**	NA	**0.68 J**	<0.33
Chromium, Total*	*44*	ns	ns	ns	ns	*360,000*	NA	NA	NA	**22.0**	NA	**47.1**	**9.7**
Lead and compounds	*52*	400	ns	800	ns	*27*	**11.0**	**6.5**	**24.0**	***27.5***	**16.0**	**25.9**	**10.0**
Mercury (elemental)	*ns*	3.13	Csat	3	Csat	*0.208*	NA	NA	NA	**0.025 J**	NA	**0.029 J**	<0.025
Selenium	*ns*	391	nc	5,840	nc	*0.52*	NA	NA	NA	**<1.2**	NA	<1.7	<2.7
Silver	*ns*	391	nc	5,840	nc	*0.8491*	NA	NA	NA	**<0.38**	NA	<0.51	<0.84

Notes:

All units are milligrams per kilogram (mg/kg).
All depths are measured in feet below ground surface (ft bgs).
* Chromium soil to groundwater RCL is applicable if no chormium VI present.

Bold	Value exceeds laboratory detection limit (DL).
Italic	Value exceeds a soil to groundwater residual contaminant level (RCL).
Shaded	Value exceeds an industrial direct contact RCL.
Shaded	Value exceeds a non-industrial direct contact RCL.
	Soil sample collected below the water table.
NA	Not analized.
ca	Carcinogen.
Csat	Saturation concentration.
GW	Groundwater.
nc	Non-carcinogen.
ns	No established standard.

Table A-4
Soil Sample Analytical Results - Metals, 910 Mayer Avenue, Madison, Wisconsin.

Parameter	Background Threshold Value	Non-Industrial Direct Contact		Industrial Direct Contact		Soil-to-GW RCL	Soil Sample Results (mg/kg)						
Sample ID (Depth) Sample Date (Depth to Groundwater)		RCL	Basis	RCL	Basis		SB-16 (2-2.5') 8/2/17	SB-17 (4-5') 8/2/17 (7.17')	SB-18 (4-5') 7/28/17 (6.28')	SB-19 (1.5-2') 7/31/17 (2.88')	SB-20 (3-4') 7/31/17 (4.99')	SB-21 (3-3.5') 7/31/17 (6.54')	SB-22 (4-5') 7/31/17 (6.53')
Arsenic, Inorganic	*8*	0.677	ca	3	ca	*0.584*	***6.1***	**2.5 J**	NA	***3.8 J***	***6.8***	***18.1***	NA
Barium	*364*	15,300	nc	100,000	ceiling	*164.8*	**16.5**	**9.6**	NA	**72.2**	**35.9**	**108**	NA
Cadmium (diet)	*1*	71.1	nc	985	nc	*0.752*	**0.36 J**	<0.14	NA	***1.8***	**0.15 J**	***0.88 J***	NA
Chromium, Total*	*44*	ns	ns	ns	ns	*360,000*	**5.9**	**3.9**	NA	**20.8**	**12.3**	**12.2**	NA
Lead and compounds	*52*	400	ns	800	ns	*27*	**15.8**	**10.3**	***608***	***47.9***	**6.6**	***27.5***	**7.0**
Mercury (elemental)	*ns*	3.13	Csat	3	Csat	*0.208*	**0.019 J**	<0.011	NA	**0.063**	<0.012	**0.067**	NA
Selenium	*ns*	391	nc	5,840	nc	*0.52*	<1.2	<1.2	NA	<1.3	<1.1	<1.2	NA
Silver	*ns*	391	nc	5,840	nc	*0.8491*	<0.39	<0.37	NA	<0.40	<0.35	**0.47 J**	NA

Notes:

All units are milligrams per kilogram (mg/kg).
All depths are measured in feet below ground surface (ft bgs).
* Chromium soil to groundwater RCL is applicable if no chormium VI present.

Bold	Value exceeds laboratory detection limit (DL).
Italic	Value exceeds a soil to groundwater residual contaminant level (RCL).
Shaded	Value exceeds an industrial direct contact RCL.
Shaded	Value exceeds a non-industrial direct contact RCL.
	Soil sample collected below the water table.
NA	Not analized.
ca	Carcinogen.
Csat	Saturation concentration.
GW	Groundwater.
nc	Non-carcinogen.
ns	No established standard.

Table A-4
Soil Sample Analytical Results - Metals, 910 Mayer Avenue, Madison, Wisconsin.

Parameter	Background Threshold Value	Non-Industrial Direct Contact		Industrial Direct Contact		Soil-to-GW RCL	Soil Sample Results (mg/kg)						
Sample ID (Depth) Sample Date (Depth to Groundwater)		RCL	Basis	RCL	Basis		SB-23 (2-2.5') 7/31/17 (4.08')	SB-24 (3-4') 7/31/17 (8.11')	SB-25 (3-4') 7/31/17 (2.97')	SB-29 (2-2.5') 7/28/17 (3.21')	SB-33 (2.5-3') 7/28/17 (3.74')	SB-35 (3.5-4.5') 7/27/17 (2.6')	SB-38 (8-10') 7/27/17 (6.5')
Arsenic, Inorganic	*8*	0.677	ca	3	ca	*0.584*	***3.1 J***	***6.8***	***10.6 J***	***20.7 J***	**1.4 J**	***13.0***	**2.8 J**
Barium	*364*	15,300	nc	100,000	ceiling	*164.8*	**25.1**	**67.5**	**55.2**	***299***	**19.1**	**90.4**	**8.2**
Cadmium (diet)	*1*	71.1	nc	985	nc	*0.752*	***0.84***	**0.33 J**	<0.30	***0.85 J***	<0.15	***0.79***	<0.15
Chromium, Total*	*44*	ns	ns	ns	ns	*360,000*	**10.5**	**17.5**	**12.4**	**20.5**	**8.8**	**19.0**	**4.3**
Lead and compounds	*52*	400	ns	800	ns	*27*	**14.9**	***33.2***	***181***	***242***	**4.5**	**18.1**	**2.6**
Mercury (elemental)	*ns*	3.13	Csat	3	Csat	*0.208*	**0.033 J**	**0.022 J**	**0.018 J**	**0.16**	<0.013	**0.080**	<0.012
Selenium	*ns*	391	nc	5,840	nc	*0.52*	<1.1	<1.2	<1.2	<1.3	<1.3	<1.7	<1.3
Silver	*ns*	391	nc	5,840	nc	*0.8491*	<0.35	<0.39	**0.40 J**	**0.69 J**	<0.40	***1.2 J***	<0.39

Notes:

All units are milligrams per kilogram (mg/kg).
All depths are measured in feet below ground surface (ft bgs).
* Chromium soil to groundwater RCL is applicable if no chormium VI present.

Bold	Value exceeds laboratory detection limit (DL).
Italic	Value exceeds a soil to groundwater residual contaminant level (RCL).
Shaded	Value exceeds an industrial direct contact RCL.
Shaded	Value exceeds a non-industrial direct contact RCL.
	Soil sample collected below the water table.
NA	Not analized.
ca	Carcinogen.
Csat	Saturation concentration.
GW	Groundwater.
nc	Non-carcinogen.
ns	No established standard.

Table A-4
Soil Sample Analytical Results - Metals, 910 Mayer Avenue, Madison, Wisconsin.

Parameter	Background Threshold Value	Non-Industrial Direct Contact		Industrial Direct Contact		Soil-to-GW RCL	Soil Sample Results (mg/kg)						
Sample ID (Depth) Sample Date (Depth to Groundwater)		RCL	Basis	RCL	Basis		SB-39 (3-4') 8/1/17 (1.5')	SB-40 (4-5') 8/1/17 (8.5')	SB-41 (1-1.5) 8/1/17 (4.43')	SB-42 (1-2') 7/31/17 (12.79')	SB-43 (3-4') 8/1/17 (6.25')	SB-44 (2-3') 8/1/17 (5.28')	SB-45 (2-3') 8/1/17 (3.86')
Arsenic, Inorganic	*8*	0.677	ca	3	ca	*0.584*	***14.4***	***4.9 J***	***3.8 J***	NA	NA	NA	**2.7 J**
Barium	*364*	15,300	nc	100,000	ceiling	*164.8*	***244***	**113**	**109**	NA	NA	NA	**32.9**
Cadmium (diet)	*1*	71.1	nc	985	nc	*0.752*	***1.5***	***1.2***	**0.39 J**	NA	NA	NA	<0.14
Chromium, Total*	*44*	ns	ns	ns	ns	*360,000*	**39.7**	**21.2**	**14.8**	NA	NA	NA	**7.7**
Lead and compounds	*52*	400	ns	800	ns	*27*	***231***	***48.8***	**24.7**	***32.0***	**10.0**	***29.9***	**6.9**
Mercury (elemental)	*ns*	3.13	Csat	3	Csat	*0.208*	***3.6***	**0.13**	**0.022 J**	NA	NA	NA	<0.011
Selenium	*ns*	391	nc	5,840	nc	*0.52*	<1.6	***1.9 J***	***1.3 J***	NA	NA	NA	<1.1
Silver	*ns*	391	nc	5,840	nc	*0.8491*	***9.8***	<0.56	<0.41	NA	NA	NA	<0.35

Notes:

All units are milligrams per kilogram (mg/kg).
All depths are measured in feet below ground surface (ft bgs).
* Chromium soil to groundwater RCL is applicable if no chormium VI present.

Bold	Value exceeds laboratory detection limit (DL).
Italic	Value exceeds a soil to groundwater residual contaminant level (RCL).
Shaded	Value exceeds an industrial direct contact RCL.
Shaded	Value exceeds a non-industrial direct contact RCL.
	Soil sample collected below the water table.
NA	Not analized.
ca	Carcinogen.
Csat	Saturation concentration.
GW	Groundwater.
nc	Non-carcinogen.
ns	No established standard.

Table A-4
Soil Sample Analytical Results - Metals, 910 Mayer Avenue, Madison, Wisconsin.

Parameter	Background Threshold Value	Non-Industrial Direct Contact		Industrial Direct Contact		Soil-to-GW RCL	Soil Sample Results (mg/kg)						
Sample ID (Depth) Sample Date (Depth to Groundwater)		RCL	Basis	RCL	Basis		SB-46 (4-5') 8/1/17 (4.11')	SB-47 (2-2.5') 8/1/17 (4.02')	SB-48 (1-2') 8/1/17 (6.37')	SB-49 (5-7') 8/2/17 (4.96')	SB-50 (1-2') 8/2/17 (5.04')	SB-51 (1-1.5') 8/2/17 (4.86')	SB-52 (4-5') 7/28/17 (7.62')
Arsenic, Inorganic	*8*	0.677	ca	3	ca	*0.584*	**2.7 J**	***7.4***	***6.0***	**2.5 J**	**2.1 J**	***5.5 J***	NA
Barium	*364*	15,300	nc	100,000	ceiling	*164.8*	**48.7**	***4,200***	***172***	**48.5**	**24.6**	**103**	NA
Cadmium (diet)	*1*	71.1	nc	985	nc	*0.752*	**0.20 J**	**0.64**	<0.15	<0.14	<0.14	***1.2***	NA
Chromium, Total*	*44*	ns	ns	ns	ns	*360,000*	**8.1**	**15.3**	**23.1**	**10.2**	**13.5**	**18.4**	NA
Lead and compounds	*52*	400	ns	800	ns	*27*	**29.7**	***93.2***	**11.0**	**3.5**	**5.6**	***45.7***	**2.6**
Mercury (elemental)	*ns*	3.13	Csat	3	Csat	*0.208*	**0.019 J**	**0.044 J**	**0.029 J**	<0.012	<0.012	**0.035 J**	NA
Selenium	*ns*	391	nc	5,840	nc	*0.52*	<1.3	<1.2	<1.3	<1.1	<1.2	<1.2	NA
Silver	*ns*	391	nc	5,840	nc	*0.8491*	<0.42	<0.38	<0.39	<0.35	<0.37	<0.38	NA

Notes:

All units are milligrams per kilogram (mg/kg).
All depths are measured in feet below ground surface (ft bgs).
* Chromium soil to groundwater RCL is applicable if no chormium VI present.

Bold	Value exceeds laboratory detection limit (DL).
Italic	Value exceeds a soil to groundwater residual contaminant level (RCL).
Shaded	Value exceeds an industrial direct contact RCL.
Shaded	Value exceeds a non-industrial direct contact RCL.
	Soil sample collected below the water table.
NA	Not analized.
ca	Carcinogen.
Csat	Saturation concentration.
GW	Groundwater.
nc	Non-carcinogen.
ns	No established standard.

Table A-5
Soil Sample Analytical Results - PCBs, 910 Mayer Avenue, Madison, Wisconsin.

Parameter	Non-Industrial Direct Contact		Industrial Direct Contact		Soil-to-GW RCL	Soil Sample Results (mg/kg)							
Sample ID (Depth) Sample Date (Depth to Groundwater)	RCL	Basis	RCL	Basis		SB-12 (1-1.5') 8/2/17 (4.35')	SB-14 (3-4') 7/28/17 (4.18')	SB-15 (5-7') 7/28/17 (2.97')	SB-16 (2-2.5') 8/2/17	SB-17 (4-5') 8/2/17 (7.17')	SB-19 (1.5-2') 7/31/17 (2.88')	SB-20 (3-4') 7/31/17 (4.99')	SB-21 (3-3.5') 7/31/17 (6.54')
PCB, Total	0.234	ca	0.967	ca	NS	<0.0296	<0.0382	<0.0621	<0.300	<0.0267	<0.0294	<0.0281	<0.0280
PCB-1016 (Aroclor 1016)	4.11	nc	28	ca	NS	<0.0296	<0.0382	<0.0621	<0.300	<0.0267	<0.0294	<0.0281	<0.0280
PCB-1221 (Aroclor 1221)	0.213	ca	0.883	ca	NS	<0.0296	<0.0382	<0.0621	<0.300	<0.0267	<0.0294	<0.0281	<0.0280
PCB-1232 (Aroclor 1232)	0.190	ca	0.792	ca	NS	<0.0296	<0.0382	<0.0621	<0.300	<0.0267	<0.0294	<0.0281	<0.0280
PCB-1242 (Aroclor 1242)	0.235	ca	0.972	ca	NS	<0.0296	<0.0382	<0.0621	<0.300	<0.0267	<0.0294	<0.0281	<0.0280
PCB-1248 (Aroclor 1248)	0.236	ca	0.975	ca	NS	<0.0296	<0.0382	<0.0621	<0.300	<0.0267	<0.0294	<0.0281	<0.0280
PCB-1254 (Aroclor 1254)	0.239	ca	0.988	ca	NS	<0.0296	<0.0382	<0.0621	<0.300	<0.0267	<0.0294	<0.0281	<0.0280
PCB-1260 (Aroclor 1260)	0.243	ca	1	ca	NS	<0.0296	<0.0382	<0.0621	<0.300	<0.0267	<0.0294	<0.0281	<0.0280

Notes:

All units are milligrams per kilogram (mg/kg).
All depths are measured in feet below ground surface (ft bgs).
PCBs analyzed by USEPA Method 8082.

Bold	Value exceeds laboratory detection limit (DL).
Italic	Value exceeds a soil to groundwater residual contaminant level (RCL).
Shaded	Value exceeds an industrial direct contact RCL.
Shaded	Value exceeds a non-industrial direct contact RCL.
	Soil sample collected below the water table.
NA	Not analized.
ca	Carcinogen.
Csat	Saturation concentration.
GW	Groundwater.
nc	Non-carcinogen.
ns	No established standard.

Table A-5
Soil Sample Analytical Results - PCBs, 910 Mayer Avenue, Madison, Wisconsin.

Parameter	Non-Industrial Direct Contact		Industrial Direct Contact		Soil-to-GW RCL	Soil Sample Results (mg/kg)							
Sample ID (Depth) Sample Date (Depth to Groundwater)	RCL	Basis	RCL	Basis		SB-23 (2-2.5') 7/31/17 (4.08')	SB-24 (3-4') 7/31/17 (8.11')	SB-25 (3-4') 7/31/17 (2.97')	SB-29 (2-2.5') 7/28/17 (3.21')	SB-33 (2.5-3') 7/28/17 (3.74')	SB-35 (3.5-4.5') 7/27/17 (2.6')	SB-38 (8-10') 7/27/17 (6.5')	SB-39 (3-4') 8/1/17 (1.5')
PCB, Total	0.234	ca	0.967	ca	NS	<0.0271	<0.0281	<0.0309	<0.0316	<0.0306	<0.0401	**0.0451 J**	<0.0377
PCB-1016 (Aroclor 1016)	4.11	nc	28	ca	NS	<0.0271	<0.0281	<0.0309	<0.0316	<0.0306	<0.0401	<0.0286	<0.0377
PCB-1221 (Aroclor 1221)	0.213	ca	0.883	ca	NS	<0.0271	<0.0281	<0.0309	<0.0316	<0.0306	<0.0401	<0.0286	<0.0377
PCB-1232 (Aroclor 1232)	0.190	ca	0.792	ca	NS	<0.0271	<0.0281	<0.0309	<0.0316	<0.0306	<0.0401	<0.0286	<0.0377
PCB-1242 (Aroclor 1242)	0.235	ca	0.972	ca	NS	<0.0271	<0.0281	<0.0309	<0.0316	<0.0306	<0.0401	**0.0451 J**	<0.0377
PCB-1248 (Aroclor 1248)	0.236	ca	0.975	ca	NS	<0.0271	<0.0281	<0.0309	<0.0316	<0.0306	<0.0401	<0.0286	<0.0377
PCB-1254 (Aroclor 1254)	0.239	ca	0.988	ca	NS	<0.0271	<0.0281	<0.0309	<0.0316	<0.0306	<0.0401	<0.0286	<0.0377
PCB-1260 (Aroclor 1260)	0.243	ca	1	ca	NS	<0.0271	<0.0281	<0.0309	<0.0316	<0.0306	<0.0401	<0.0286	<0.0377

Notes:

All units are milligrams per kilogram (mg/kg).
All depths are measured in feet below ground surface (ft bgs).
PCBs analyzed by USEPA Method 8082.

Bold	Value exceeds laboratory detection limit (DL).
Italic	Value exceeds a soil to groundwater residual contaminant level (RCL).
Shaded	Value exceeds an industrial direct contact RCL.
Shaded	Value exceeds a non-industrial direct contact RCL.
	Soil sample collected below the water table.
NA	Not analized.
ca	Carcinogen.
Csat	Saturation concentration.
GW	Groundwater.
nc	Non-carcinogen.
ns	No established standard.

Table A-5
Soil Sample Analytical Results - PCBs, 910 Mayer Avenue, Madison, Wisconsin.

Parameter	Non-Industrial Direct Contact		Industrial Direct Contact		Soil-to-GW RCL	Soil Sample Results (mg/kg)							
Sample ID (Depth) Sample Date (Depth to Groundwater)	RCL	Basis	RCL	Basis		SB-40 (4-5') 8/1/17 (8.5')	SB-41 (1-1.5) 8/1/17 (4.43')	SB-45 (2-3') 8/1/17 (3.86')	SB-46 (4-5') 8/1/17 (4.11')	SB-47 (2-2.5') 8/1/17 (4.02')	SB-48 (1-2') 8/1/17 (6.37')	SB-49 (5-7') 8/2/17 (4.96')	SB-50 (1-2') 8/2/17 (5.04')
PCB, Total	0.234	ca	0.967	ca	NS	<0.0409	<0.0322	<0.0276	<0.0303	<0.0314	<0.0312	<0.0273	<0.0272
PCB-1016 (Aroclor 1016)	4.11	nc	28	ca	NS	<0.0409	<0.0322	<0.0276	<0.0303	<0.0314	<0.0312	<0.0273	<0.0272
PCB-1221 (Aroclor 1221)	0.213	ca	0.883	ca	NS	<0.0409	<0.0322	<0.0276	<0.0303	<0.0314	<0.0312	<0.0273	<0.0272
PCB-1232 (Aroclor 1232)	0.190	ca	0.792	ca	NS	<0.0409	<0.0322	<0.0276	<0.0303	<0.0314	<0.0312	<0.0273	<0.0272
PCB-1242 (Aroclor 1242)	0.235	ca	0.972	ca	NS	<0.0409	<0.0322	<0.0276	<0.0303	<0.0314	<0.0312	<0.0273	<0.0272
PCB-1248 (Aroclor 1248)	0.236	ca	0.975	ca	NS	<0.0409	<0.0322	<0.0276	<0.0303	<0.0314	<0.0312	<0.0273	<0.0272
PCB-1254 (Aroclor 1254)	0.239	ca	0.988	ca	NS	<0.0409	<0.0322	<0.0276	<0.0303	<0.0314	<0.0312	<0.0273	<0.0272
PCB-1260 (Aroclor 1260)	0.243	ca	1	ca	NS	<0.0409	<0.0322	<0.0276	<0.0303	<0.0314	<0.0312	<0.0273	<0.0272

Notes:

All units are milligrams per kilogram (mg/kg).
All depths are measured in feet below ground surface (ft bgs).
PCBs analyzed by USEPA Method 8082.

Bold	Value exceeds laboratory detection limit (DL).
Italic	Value exceeds a soil to groundwater residual contaminant level (RCL).
Shaded	Value exceeds an industrial direct contact RCL.
Shaded	Value exceeds a non-industrial direct contact RCL.
	Soil sample collected below the water table.
NA	Not analized.
ca	Carcinogen.
Csat	Saturation concentration.
GW	Groundwater.
nc	Non-carcinogen.
ns	No established standard.

Table A-5
Soil Sample Analytical Results - PCBs, 910 Mayer Avenue, Madison, Wisconsin.

Parameter	Non-Industrial Direct Contact		Industrial Direct Contact		Soil-to-GW RCL	Soil Sample Results (mg/kg)
Sample ID (Depth) Sample Date (Depth to Groundwater)	RCL	Basis	RCL	Basis		SB-51 (1-1.5') 8/2/17 (4.86')
PCB, Total	0.234	ca	0.967	ca	NS	<0.0297
PCB-1016 (Aroclor 1016)	4.11	nc	28	ca	NS	<0.0297
PCB-1221 (Aroclor 1221)	0.213	ca	0.883	ca	NS	<0.0297
PCB-1232 (Aroclor 1232)	0.190	ca	0.792	ca	NS	<0.0297
PCB-1242 (Aroclor 1242)	0.235	ca	0.972	ca	NS	<0.0297
PCB-1248 (Aroclor 1248)	0.236	ca	0.975	ca	NS	<0.0297
PCB-1254 (Aroclor 1254)	0.239	ca	0.988	ca	NS	<0.0297
PCB-1260 (Aroclor 1260)	0.243	ca	1	ca	NS	<0.0297

Notes:

All units are milligrams per kilogram (mg/kg).
All depths are measured in feet below ground surface (ft bgs).
PCBs analyzed by USEPA Method 8082.

Bold	Value exceeds laboratory detection limit (DL).
Italic	Value exceeds a soil to groundwater residual contaminant level (RCL).
Shaded	Value exceeds an industrial direct contact RCL.
Shaded	Value exceeds a non-industrial direct contact RCL.
	Soil sample collected below the water table.
NA	Not analized.
ca	Carcinogen.
Csat	Saturation concentration.
GW	Groundwater.
nc	Non-carcinogen.
ns	No established standard.

Table A-6
Temporary Well Groundwater Analytical Results - Volatile Organic Compounds (VOCs), 910 Mayer Avenue, Madison, Wisconsin.

Parameter / Sample ID (Depth) / Sample Date	Ch. NR 140 PAL	Ch. NR 140 ES	SB-3 3-13' 07/31/17	SB-4 7-12' 07/31/17	SB-5 3-8' 07/31/17	SB-8 5-15' 08/01/17	SB-9 3-13' 08/02/17	SB-10 3-8' 07/28/17	SB-11 3-8' 07/31/17	SB-12 3-8' 08/02/17	SB-13 3-8' 07/28/17	SB-14 3-8' 07/28/17
1,1,1,2-Tetrachloroethane	7	70	<0.90	<0.18	<1.8	<9.0	<0.18	<0.18	<45.1	<0.18	<0.18	<0.18
1,1,1-Trichloroethane	40	200	<2.5	<0.50	<5.0	<25.0	<0.50	<0.50	<125	<0.50	<0.50	<0.50
1,1,2,2-Tetrachloroethane	0.02	0.2	<1.2	<0.25	<2.5	<12.5	<0.25	<0.25	<62.3	<0.25	<0.25	<0.25
1,1,2-Trichloroethane	*0.5*	5	<0.99	<0.20	<2.0	<9.9	<0.20	<0.20	<49.3	<0.20	<0.20	<0.20
1,1-Dichloroethane	85	850	<1.2	<0.24	<2.4	<12.1	<0.24	<0.24	<60.4	<0.24	<0.24	<0.24
1,1-Dichloroethene	0.7	7	<2.1	<0.41	<4.1	<20.5	<0.41	<0.41	<103	<0.41	<0.41	<0.41
1,1-Dichloropropene	NS	NS	<2.2	<0.44	<4.4	<22.1	<0.44	<0.44	<110	<0.44	<0.44	<0.44
1,2,3-Trichlorobenzene	NS	NS	<10.7	<2.1	<21.3	<107	<2.1	<2.1	<533	<2.1	<2.1	<2.1
1,2,3-Trichloropropane	12	60	<2.5	<0.50	<5.0	<25.0	<0.50	<0.50	<125	<0.50	<0.50	<0.50
1,2,4-Trichlorobenzene	14	70	<11.0	<2.2	<22.1	<110	<2.2	<2.2	<552	<2.2	<2.2	<2.2
1,2,4-Trimethylbenzene	*96*	480	***440***	<0.50	**65.5**	***1,120***	**2.3**	<0.50	***1,620***	<0.50	<0.50	<0.50
1,2-Dibromo-3-chloropropane (DBCP)	0.02	0.2	<10.8	<2.2	<21.6	<108	<2.2	<2.2	<541	<2.2	<2.2	<2.2
1,2-Dibromoethane (EDB)	0.005	0.05	<0.89	<0.18	<1.8	<8.9	<0.18	<0.18	<44.4	<0.18	<0.18	<0.18
1,2-Dichlorobenzene	60	600	<2.5	<0.50	<5.0	<25.0	**1.0**	<0.50	<125	<0.50	<0.50	<0.50
1,2-Dichloroethane	*0.5*	5	<0.84	<0.17	<1.7	<8.4	<0.17	<0.17	<42.0	<0.17	***6.1***	***5.4***
1,2-Dichloropropane	0.5	5	<1.2	<0.23	<2.3	<11.7	<0.23	<0.23	<58.3	<0.23	<0.23	<0.23
1,3,5-Trimethylbenzene	*96*	480	***150***	<0.50	***126***	***291***	**8.9**	<0.50	***485***	<0.50	<0.50	<0.50
1,3-Dichlorobenzene	120	600	<2.5	<0.50	<5.0	<25.0	<0.50	<0.50	<125	<0.50	<0.50	<0.50
1,3-Dichloropropane	NS	NS	<2.5	<0.50	<5.0	<25.0	<0.50	<0.50	<125	<0.50	<0.50	<0.50
1,4-Dichlorobenzene	15	75	<2.5	<0.50	<5.0	<25.0	<0.50	<0.50	<125	<0.50	<0.50	<0.50
2,2-Dichloropropane	NS	NS	<2.4	<0.48	<4.8	<24.2	<0.48	<0.48	<121	<0.48	<0.48	<0.48
2-Butanone (MEK)	800	4,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Chlorotoluene	NS	NS	<2.5	<0.50	<5.0	<25.0	<0.50	<0.50	<125	<0.50	<0.50	<0.50
2-Hexanone	NS	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Chlorotoluene	NS	NS	<1.1	<0.21	<2.1	<10.7	<0.21	<0.21	<53.4	<0.21	<0.21	<0.21
4-Methyl-2-pentanone (MIBK)	50	500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	1,800	9,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	*0.5*	5	***197***	<0.50	<5.0	***28.2 J***	***51.9***	<0.50	***1,770***	<0.50	<0.50	***0.56 J***
Bromobenzene	NS	NS	<1.2	<0.23	<2.3	<11.5	<0.23	<0.23	<57.5	<0.23	<0.23	<0.23
Bromochloromethane	NS	NS	<1.7	<0.34	<3.4	<17.0	<0.34	<0.34	<85.1	<0.34	<0.34	<0.34
Bromodichloromethane	0.06	0.6	<2.5	<0.50	<5.0	<25.0	<0.50	<0.50	<125	<0.50	<0.50	<0.50
Bromoform	0.44	4.4	<2.5	<0.50	<5.0	<25.0	<0.50	<0.50	<125	<0.50	<0.50	<0.50
Bromomethane	1	10	<12.2	<2.4	<24.3	<122	<2.4	<2.4	<609	<2.4	<2.4	<2.4
Carbon tetrachloride	0.5	5	<2.5	<0.50	<5.0	<25.0	<0.50	<0.50	<125	<0.50	<0.50	<0.50
Chlorobenzene	NS	NS	<2.5	<0.50	<5.0	<25.0	<0.50	<0.50	<125	<0.50	<0.50	<0.50
Chloroethane	80	400	<1.9	<0.37	<3.7	<18.7	<0.37	<0.37	<93.6	<0.37	<0.37	**1.4**
Chloroform	0.6	6	<12.5	<2.5	<25.0	<125	<2.5	<2.5	<625	<2.5	<2.5	<2.5
Chloromethane	3	30	<2.5	<0.50	<5.0	<25.0	<0.50	<0.50	<125	<0.50	<0.50	<0.50
Dibromochloromethane	6	60	<2.5	<0.50	<5.0	<25.0	<0.50	<0.50	<125	<0.50	<0.50	<0.50
Dibromomethane	NS	NS	<2.1	<0.43	<4.3	<21.3	<0.43	<0.43	<107	<0.43	<0.43	<0.43
Dichlorodifluoromethane	200	1,000	<1.1	<0.22	<2.2	<11.2	<0.22	<0.22	<56.0	<0.22	<0.22	<0.22
Diisopropyl ether	NS	NS	<2.5	<0.50	<5.0	<25.0	<0.50	<0.50	<125	<0.50	<0.50	**7.7**
Ethylbenzene	*140*	700	***357***	<0.50	**23.8**	***2,250***	**2.5**	<0.50	***2,700***	<0.50	<0.50	<0.50
Hexachloro-1,3-butadiene	NS	NS	<10.5	<2.1	<21.1	<105	<2.1	<2.1	<526	<2.1	<2.1	<2.1
Isopropylbenzene (Cumene)	NS	NS	**61.2**	<0.14	**41.5**	**89.6**	**7.8**	<0.14	**75.8 J**	<0.14	<0.14	<0.14
Methyl tert-butyl ether (MTBE)	12	60	<0.87	<0.17	<1.7	<8.7	<0.17	<0.17	<43.6	<0.17	<0.17	<0.17

Table A-6
Temporary Well Groundwater Analytical Results - Volatile Organic Compounds (VOCs), 910 Mayer Avenue, Madison, Wisconsin.

Parameter / **Sample ID (Depth)** / **Sample Date**	**Ch. NR 140 PAL**	**Ch. NR 140 ES**	**SB-3 3-13' 07/31/17**	**SB-4 7-12' 07/31/17**	**SB-5 3-8' 07/31/17**	**SB-8 5-15' 08/01/17**	**SB-9 3-13' 08/02/17**	**SB-10 3-8' 07/28/17**	**SB-11 3-8' 07/31/17**	**SB-12 3-8' 08/02/17**	**SB-13 3-8' 07/28/17**	**SB-14 3-8' 07/28/17**
Methylene Chloride	0.5	5	<1.2	<0.23	<2.3	<11.6	<0.23	<0.23	<58.1	<0.23	<0.23	<0.23
Naphthalene	*10*	100	***780***	<2.5	***191***	***173 J***	**45.2**	<2.5	<625	<2.5	<2.5	**48.6**
Styrene	10	100	<2.5	<0.50	<5.0	<25.0	<0.50	<0.50	<125	<0.50	<0.50	<0.50
Tetrachloroethene	0.5	5	<2.5	<0.50	<5.0	<25.0	<0.50	<0.50	<125	<0.50	<0.50	<0.50
Toluene	*160*	800	**54.0**	<0.50	<5.0	<25.0	**2.8**	<0.50	**12,900**	<0.50	<0.50	**0.73 J**
Trichloroethene	0.5	5	<1.7	<0.33	<3.3	<16.5	<0.33	<0.33	<82.7	<0.33	<0.33	<0.33
Trichlorofluoromethane	NS	NS	<0.92	<0.18	<1.8	<9.2	<0.18	<0.18	<46.2	<0.18	<0.18	<0.18
Vinyl chloride	*0.02*	0.2	<0.88	<0.18	<1.8	<8.8	<0.18	<0.18	<43.9	<0.18	<0.18	***0.94 J***
1,2-Dichloroethene (cis)	7	70	<1.3	<0.26	<2.6	<12.8	<0.26	<0.26	<64.0	<0.26	<0.26	<0.26
1,3-Dichloropropene (cis)	0.04	0.4	<2.5	<0.50	<5.0	<25.0	<0.50	<0.50	<125	<0.50	<0.50	<0.50
m&p-Xylene*	400	2,000	**1,150**	<1.0	**12.0 J**	***3,920***	**3.9**	<1.0	***9,460***	<1.0	<1.0	<1.0
n-Butylbenzene	NS	NS	**81.4**	<0.50	**69.7**	<25.0	**7.5**	<0.50	<125	<0.50	<0.50	<0.50
n-Propylbenzene	NS	NS	**167**	<0.50	**112**	190	**15.3**	<0.50	**229 J**	<0.50	<0.50	<0.50
o-Xylene*	400	2,000	**181**	<0.50	<5.0	***83.1***	**4.9**	<0.50	***4,610***	<0.50	<0.50	<0.50
p-Isopropyltoluene	NS	NS	<2.5	<0.50	<5.0	<25.0	**3.2**	<0.50	<125	<0.50	<0.50	<0.50
sec-Butylbenzene	NS	NS	**20.9 J**	<2.2	**47.5 J**	<109	**6.9**	<2.2	<547	<2.2	<2.2	<2.2
tert-Butylbenzene	NS	NS	<0.90	<0.18	**4.5 J**	<9.0	**1.1**	<0.18	<45.1	<0.18	<0.18	<0.18
1,2-Dichloroethene (trans)	20	100	<1.3	<0.26	<2.6	<12.8	<0.26	<0.26	<64.1	<0.26	<0.26	**0.40 J**
1,3-Dichloropropene (trans)	0.04	0.4	<1.1	<0.23	<2.3	<11.5	<0.23	<0.23	<57.4	<0.23	<0.23	<0.23

Notes:
All units are micrograms per liter (µg/l).
All depths are measured in feet below ground surface (ft bgs).
VOCs analyzed by USEPA Method 8260.
* Xylene standard is for total xylene concentrations.

Bold	Value exceeds laboratory detection limit (DL).
Italic	Value exceeds Wisconsin Administrative Code Chapter NR 140 Preventive Action Limit (PAL).
Shaded	Value exceeds Wisconsin Administrative Code Chapter NR 140 Enforcement Standard (ES).
NS	No established standard.
NA	Not analized.

Table A-6
Temporary Well Groundwater Analytical Results - Volatile Organic Compounds (VOCs), 910 Mayer Avenue, Madison, Wisconsin.

Parameter / **Sample ID (Depth)** / **Sample Date**	**Ch. NR 140 PAL**	**Ch. NR 140 ES**	**SB-15S 3-8'**	**SB-15D 15-20'**	**SB-17 5-15'**	**SB-18 5-15'**	**SB-19 3-8'**	**SB-20 7-12'**	**SB-21 5-15**	**SB-22 6-16'**	**SB-23 11-16'**	**SB-24 6-16'**
			07/28/17	**09/11/17**	**08/02/17**	**07/28/17**	**07/31/17**	**07/31/17**	**07/31/17**	**07/31/17**	**07/31/17**	**08/01/17**
1,1,1,2-Tetrachloroethane	7	70	<3.6	NA	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18
1,1,1-Trichloroethane	40	200	<10.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
1,1,2,2-Tetrachloroethane	0.02	0.2	<5.0	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
1,1,2-Trichloroethane	*0.5*	5	***12.8 J***	**0.42 J**	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
1,1-Dichloroethane	85	850	<4.8	**0.26 J**	<0.24	<0.24	<0.24	<0.24	<0.24	**0.43 J**	<0.24	<0.24
1,1-Dichloroethene	0.7	7	<8.2	***2.0***	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41
1,1-Dichloropropene	NS	NS	<8.8	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44
1,2,3-Trichlorobenzene	NS	NS	<42.7	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1
1,2,3-Trichloropropane	12	60	<10.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
1,2,4-Trichlorobenzene	14	70	<44.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2
1,2,4-Trimethylbenzene	*96*	480	<10.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
1,2-Dibromo-3-chloropropane (DBCP)	0.02	0.2	<43.3	<0.18	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2
1,2-Dibromoethane (EDB)	0.005	0.05	<3.6	NA	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18
1,2-Dichlorobenzene	60	600	<10.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
1,2-Dichloroethane	*0.5*	5	***1,630***	**11.9**	<0.17	***1.4***	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17
1,2-Dichloropropane	0.5	5	<4.7	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23
1,3,5-Trimethylbenzene	*96*	480	<10.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
1,3-Dichlorobenzene	120	600	<10.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
1,3-Dichloropropane	NS	NS	<10.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
1,4-Dichlorobenzene	15	75	<10.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
2,2-Dichloropropane	NS	NS	<9.7	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48
2-Butanone (MEK)	800	4,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Chlorotoluene	NS	NS	<10.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
2-Hexanone	NS	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Chlorotoluene	NS	NS	<4.3	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21
4-Methyl-2-pentanone (MIBK)	50	500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	1,800	9,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	*0.5*	5	<10.0	***1.0***	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Bromobenzene	NS	NS	<4.6	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23
Bromochloromethane	NS	NS	<6.8	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34
Bromodichloromethane	0.06	0.6	<10.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Bromoform	0.44	4.4	<10.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Bromomethane	1	10	<48.7	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4
Carbon tetrachloride	0.5	5	<10.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Chlorobenzene	NS	NS	<10.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Chloroethane	80	400	<7.5	**1.1**	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37
Chloroform	0.6	6	<50.0	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
Chloromethane	3	30	<10.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Dibromochloromethane	6	60	<10.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Dibromomethane	NS	NS	<8.5	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43
Dichlorodifluoromethane	200	1,000	<4.5	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22
Diisopropyl ether	NS	NS	<10.0	**8.0**	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Ethylbenzene	*140*	700	<10.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Hexachloro-1,3-butadiene	NS	NS	<42.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1
Isopropylbenzene (Cumene)	NS	NS	<2.9	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14
Methyl tert-butyl ether (MTBE)	12	60	<3.5	NA	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17

Table A-6
Temporary Well Groundwater Analytical Results - Volatile Organic Compounds (VOCs), 910 Mayer Avenue, Madison, Wisconsin.

Parameter / **Sample ID (Depth)** / **Sample Date**	**Ch. NR 140 PAL**	**Ch. NR 140 ES**	**SB-15S 3-8'**	**SB-15D 15-20'**	**SB-17 5-15'**	**SB-18 5-15'**	**SB-19 3-8'**	**SB-20 7-12'**	**SB-21 5-15**	**SB-22 6-16'**	**SB-23 11-16'**	**SB-24 6-16'**
			07/28/17	**09/11/17**	**08/02/17**	**07/28/17**	**07/31/17**	**07/31/17**	**07/31/17**	**07/31/17**	**07/31/17**	**08/01/17**
Methylene Chloride	0.5	5	<4.7	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23
Naphthalene	*10*	100	<50.0	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
Styrene	10	100	<10.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Tetrachloroethene	0.5	5	<10.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Toluene	*160*	800	<10.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Trichloroethene	0.5	5	<6.6	***0.52 J***	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
Trichlorofluoromethane	NS	NS	<3.7	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	**0.27 J**
Vinyl chloride	*0.02*	0.2	***17.7 J***	**146**	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	***0.91 J***	<0.18
1,2-Dichloroethene (cis)	7	70	<5.1	<0.50	<0.26	<0.26	<0.26	<0.26	**0.47 J**	**1.0**	**1.6**	<0.26
1,3-Dichloropropene (cis)	0.04	0.4	<10.0	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
m&p-Xylene*	400	2,000	<20.0	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
n-Butylbenzene	NS	NS	<10.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
n-Propylbenzene	NS	NS	<10.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
o-Xylene*	400	2,000	<10.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
p-Isopropyltoluene	NS	NS	<10.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
sec-Butylbenzene	NS	NS	<43.7	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2
tert-Butylbenzene	NS	NS	<3.6	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18
1,2-Dichloroethene (trans)	20	100	<5.1	**1.4**	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	**0.34 J**	<0.26
1,3-Dichloropropene (trans)	0.04	0.4	<4.6	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23

Notes:

All units are micrograms per liter (µg/l).
All depths are measured in feet below ground surface (ft bgs).
VOCs analyzed by USEPA Method 8260.
* Xylene standard is for total xylene concentrations.

Bold	Value exceeds laboratory detection limit (DL).
Italic	Value exceeds Wisconsin Administrative Code Chapter NR 140 Preventive Action Limit (PAL).
Shaded	Value exceeds Wisconsin Administrative Code Chapter NR 140 Enforcement Standard (ES).
NS	No established standard.
NA	Not analized.

Table A-6
Temporary Well Groundwater Analytical Results - Volatile Organic Compounds (VOCs), 910 Mayer Avenue, Madison, Wisconsin.

Parameter / Sample ID (Depth) / Sample Date	Ch. NR 140 PAL	Ch. NR 140 ES	SB-25 10-20' 08/01/17	SB-26 0-5' 07/26/17	SB-27S 5-10' 07/26/17	SB-27D 20-30' 07/27/17	SB-28 11-16' 07/26/17	SB-29 3-8' 07/28/17	SB-30 15-20' 07/26/17	SB-31S 7-12' 07/26/17	SB-31D 25-30' 07/26/17	SB-32 9.5-14.5' 07/26/17
1,1,1,2-Tetrachloroethane	7	70	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18
1,1,1-Trichloroethane	40	200	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
1,1,2,2-Tetrachloroethane	0.02	0.2	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
1,1,2-Trichloroethane	*0.5*	5	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
1,1-Dichloroethane	85	850	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24
1,1-Dichloroethene	0.7	7	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41
1,1-Dichloropropene	NS	NS	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44
1,2,3-Trichlorobenzene	NS	NS	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1
1,2,3-Trichloropropane	12	60	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
1,2,4-Trichlorobenzene	14	70	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2
1,2,4-Trimethylbenzene	*96*	480	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	**1.0**	<0.50
1,2-Dibromo-3-chloropropane (DBCP)	0.02	0.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2
1,2-Dibromoethane (EDB)	0.005	0.05	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18
1,2-Dichlorobenzene	60	600	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	**0.52 J**	<0.50
1,2-Dichloroethane	*0.5*	5	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17
1,2-Dichloropropane	0.5	5	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23
1,3,5-Trimethylbenzene	*96*	480	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
1,3-Dichlorobenzene	120	600	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
1,3-Dichloropropane	NS	NS	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
1,4-Dichlorobenzene	15	75	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
2,2-Dichloropropane	NS	NS	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48
2-Butanone (MEK)	800	4,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Chlorotoluene	NS	NS	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
2-Hexanone	NS	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Chlorotoluene	NS	NS	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21
4-Methyl-2-pentanone (MIBK)	50	500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	1,800	9,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	*0.5*	5	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	***6.9***	<0.50
Bromobenzene	NS	NS	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23
Bromochloromethane	NS	NS	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34
Bromodichloromethane	0.06	0.6	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Bromoform	0.44	4.4	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Bromomethane	1	10	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4
Carbon tetrachloride	0.5	5	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Chlorobenzene	NS	NS	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Chloroethane	80	400	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37
Chloroform	0.6	6	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
Chloromethane	3	30	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Dibromochloromethane	6	60	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Dibromomethane	NS	NS	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43
Dichlorodifluoromethane	200	1,000	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22
Diisopropyl ether	NS	NS	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Ethylbenzene	*140*	700	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	**9.0**	<0.50
Hexachloro-1,3-butadiene	NS	NS	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1
Isopropylbenzene (Cumene)	NS	NS	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	**1.8**	<0.14
Methyl tert-butyl ether (MTBE)	12	60	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17

Table A-6
Temporary Well Groundwater Analytical Results - Volatile Organic Compounds (VOCs), 910 Mayer Avenue, Madison, Wisconsin.

Parameter / **Sample ID (Depth)** / **Sample Date**	**Ch. NR 140 PAL**	**Ch. NR 140 ES**	**SB-25 10-20'**	**SB-26 0-5'**	**SB-27S 5-10'**	**SB-27D 20-30'**	**SB-28 11-16'**	**SB-29 3-8'**	**SB-30 15-20'**	**SB-31S 7-12'**	**SB-31D 25-30'**	**SB-32 9.5-14.5'**
			08/01/17	**07/26/17**	**07/26/17**	**07/27/17**	**07/26/17**	**07/28/17**	**07/26/17**	**07/26/17**	**07/26/17**	**07/26/17**
Methylene Chloride	0.5	5	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23
Naphthalene	*10*	100	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
Styrene	10	100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Tetrachloroethene	0.5	5	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Toluene	*160*	800	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	**1.1**	<0.50
Trichloroethene	0.5	5	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
Trichlorofluoromethane	NS	NS	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18
Vinyl chloride	*0.02*	0.2	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18
1,2-Dichloroethene (cis)	7	70	<0.26	<0.26	<0.26	**3.7**	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26
1,3-Dichloropropene (cis)	0.04	0.4	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
m&p-Xylene*	400	2,000	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
n-Butylbenzene	NS	NS	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
n-Propylbenzene	NS	NS	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	**1.9**	<0.50
o-Xylene*	400	2,000	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
p-Isopropyltoluene	NS	NS	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
sec-Butylbenzene	NS	NS	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2
tert-Butylbenzene	NS	NS	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18
1,2-Dichloroethene (trans)	20	100	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26
1,3-Dichloropropene (trans)	0.04	0.4	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23

Notes:

All units are micrograms per liter (µg/l).
All depths are measured in feet below ground surface (ft bgs).
VOCs analyzed by USEPA Method 8260.
* Xylene standard is for total xylene concentrations.

Bold	Value exceeds laboratory detection limit (DL).
Italic	Value exceeds Wisconsin Administrative Code Chapter NR 140 Preventive Action Limit (PAL).
Shaded	Value exceeds Wisconsin Administrative Code Chapter NR 140 Enforcement Standard (ES).
NS	No established standard.
NA	Not analized.

Table A-6
Temporary Well Groundwater Analytical Results - Volatile Organic Compounds (VOCs), 910 Mayer Avenue, Madison, Wisconsin.

Parameter / Sample ID (Depth) / Sample Date	Ch. NR 140 PAL	Ch. NR 140 ES	SB-33 3-8' 07/28/17	SB-34 7-12' 07/27/17	SB-35 11-16' 07/27/17	SB-36S 3-8' 07/27/17	SB-36D 18-28' 07/27/17	SB-37S 5-10' 07/27/17	SB-37D 20-30' 07/27/17	SB-38 7-12' 07/27/17	SB-41 2-12' 08/02/17	SB-42 6-16' 07/31/17
1,1,1,2-Tetrachloroethane	7	70	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18
1,1,1-Trichloroethane	40	200	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
1,1,2,2-Tetrachloroethane	0.02	0.2	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
1,1,2-Trichloroethane	*0.5*	5	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
1,1-Dichloroethane	85	850	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24
1,1-Dichloroethene	0.7	7	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41
1,1-Dichloropropene	NS	NS	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44
1,2,3-Trichlorobenzene	NS	NS	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1
1,2,3-Trichloropropane	12	60	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
1,2,4-Trichlorobenzene	14	70	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2
1,2,4-Trimethylbenzene	*96*	480	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
1,2-Dibromo-3-chloropropane (DBCP)	0.02	0.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2
1,2-Dibromoethane (EDB)	0.005	0.05	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18
1,2-Dichlorobenzene	60	600	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
1,2-Dichloroethane	*0.5*	5	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17
1,2-Dichloropropane	0.5	5	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23
1,3,5-Trimethylbenzene	*96*	480	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
1,3-Dichlorobenzene	120	600	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
1,3-Dichloropropane	NS	NS	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
1,4-Dichlorobenzene	15	75	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
2,2-Dichloropropane	NS	NS	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48
2-Butanone (MEK)	800	4,000	NA	<3.0	NA	NA	NA	NA	NA	NA	NA	NA
2-Chlorotoluene	NS	NS	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
2-Hexanone	NS	NS	NA	<1.1	NA	NA	NA	NA	NA	NA	NA	NA
4-Chlorotoluene	NS	NS	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21
4-Methyl-2-pentanone (MIBK)	50	500	NA	<2.1	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	1,800	9,000	NA	<3.0	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	*0.5*	5	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Bromobenzene	NS	NS	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23
Bromochloromethane	NS	NS	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34
Bromodichloromethane	0.06	0.6	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Bromoform	0.44	4.4	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Bromomethane	1	10	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4
Carbon tetrachloride	0.5	5	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Chlorobenzene	NS	NS	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Chloroethane	80	400	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37
Chloroform	0.6	6	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
Chloromethane	3	30	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Dibromochloromethane	6	60	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Dibromomethane	NS	NS	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43
Dichlorodifluoromethane	200	1,000	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22
Diisopropyl ether	NS	NS	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Ethylbenzene	*140*	700	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Hexachloro-1,3-butadiene	NS	NS	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1
Isopropylbenzene (Cumene)	NS	NS	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14
Methyl tert-butyl ether (MTBE)	12	60	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17

Table A-6
Temporary Well Groundwater Analytical Results - Volatile Organic Compounds (VOCs), 910 Mayer Avenue, Madison, Wisconsin.

Parameter / **Sample ID (Depth)** / **Sample Date**	**Ch. NR 140 PAL**	**Ch. NR 140 ES**	**SB-33 3-8'**	**SB-34 7-12'**	**SB-35 11-16'**	**SB-36S 3-8'**	**SB-36D 18-28'**	**SB-37S 5-10'**	**SB-37D 20-30'**	**SB-38 7-12'**	**SB-41 2-12'**	**SB-42 6-16'**
			07/28/17	**07/27/17**	**07/27/17**	**07/27/17**	**07/27/17**	**07/27/17**	**07/27/17**	**07/27/17**	**08/02/17**	**07/31/17**
Methylene Chloride	0.5	5	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23
Naphthalene	*10*	100	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
Styrene	10	100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Tetrachloroethene	0.5	5	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Toluene	*160*	800	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Trichloroethene	0.5	5	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
Trichlorofluoromethane	NS	NS	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18
Vinyl chloride	*0.02*	0.2	<0.18	<0.18	***0.48 J***	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18
1,2-Dichloroethene (cis)	7	70	<0.26	<0.26	**0.70 J**	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26
1,3-Dichloropropene (cis)	0.04	0.4	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
m&p-Xylene*	400	2,000	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
n-Butylbenzene	NS	NS	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
n-Propylbenzene	NS	NS	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
o-Xylene*	400	2,000	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
p-Isopropyltoluene	NS	NS	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
sec-Butylbenzene	NS	NS	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2
tert-Butylbenzene	NS	NS	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18
1,2-Dichloroethene (trans)	20	100	<0.26	<0.26	**0.75 J**	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26
1,3-Dichloropropene (trans)	0.04	0.4	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23

Notes:
All units are micrograms per liter (µg/l).
All depths are measured in feet below ground surface (ft bgs).
VOCs analyzed by USEPA Method 8260.
* Xylene standard is for total xylene concentrations.

Bold	Value exceeds laboratory detection limit (DL).
Italic	Value exceeds Wisconsin Administrative Code Chapter NR 140 Preventive Action Limit (PAL).
Shaded	Value exceeds Wisconsin Administrative Code Chapter NR 140 Enforcement Standard (ES).
NS	No established standard.
NA	Not analized.

Table A-6
Temporary Well Groundwater Analytical Results - Volatile Organic Compounds (VOCs), 910 Mayer Avenue, Madison, Wisconsin.

Parameter / Sample ID (Depth) / Sample Date	Ch. NR 140 PAL	Ch. NR 140 ES	SB-43 7-12' 08/01/17	SB-44 7-12' 08/01/17	SB-45 7-12' 08/02/17	SB-46 3-8' 08/02/17	SB-47 7-12' 08/01/17	SB-48 11-16' 08/01/17	SB-49 5-15' 08/02/17	SB-50 5-15' 08/02/17	SB-51 0-5' 08/02/17	SB-52 3-8' 07/28/17
1,1,1,2-Tetrachloroethane	7	70	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18
1,1,1-Trichloroethane	40	200	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
1,1,2,2-Tetrachloroethane	0.02	0.2	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
1,1,2-Trichloroethane	*0.5*	5	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
1,1-Dichloroethane	85	850	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24
1,1-Dichloroethene	0.7	7	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41
1,1-Dichloropropene	NS	NS	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44
1,2,3-Trichlorobenzene	NS	NS	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1
1,2,3-Trichloropropane	12	60	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
1,2,4-Trichlorobenzene	14	70	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2
1,2,4-Trimethylbenzene	*96*	480	<0.50	**0.73 J**	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
1,2-Dibromo-3-chloropropane (DBCP)	0.02	0.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2
1,2-Dibromoethane (EDB)	0.005	0.05	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18
1,2-Dichlorobenzene	60	600	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	**0.58 J**	<0.50	<0.50	<0.50
1,2-Dichloroethane	*0.5*	5	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17
1,2-Dichloropropane	0.5	5	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23
1,3,5-Trimethylbenzene	*96*	480	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
1,3-Dichlorobenzene	120	600	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
1,3-Dichloropropane	NS	NS	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
1,4-Dichlorobenzene	15	75	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
2,2-Dichloropropane	NS	NS	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48
2-Butanone (MEK)	800	4,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Chlorotoluene	NS	NS	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
2-Hexanone	NS	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Chlorotoluene	NS	NS	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21
4-Methyl-2-pentanone (MIBK)	50	500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	1,800	9,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	*0.5*	5	<0.50	**23.3**	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Bromobenzene	NS	NS	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23
Bromochloromethane	NS	NS	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34
Bromodichloromethane	0.06	0.6	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Bromoform	0.44	4.4	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Bromomethane	1	10	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4
Carbon tetrachloride	0.5	5	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Chlorobenzene	NS	NS	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Chloroethane	80	400	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37
Chloroform	0.6	6	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
Chloromethane	3	30	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Dibromochloromethane	6	60	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Dibromomethane	NS	NS	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43
Dichlorodifluoromethane	200	1,000	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22
Diisopropyl ether	NS	NS	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Ethylbenzene	*140*	700	<0.50	**1.3**	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Hexachloro-1,3-butadiene	NS	NS	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1
Isopropylbenzene (Cumene)	NS	NS	<0.14	**0.18 J**	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14
Methyl tert-butyl ether (MTBE)	12	60	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17

Table A-6
Temporary Well Groundwater Analytical Results - Volatile Organic Compounds (VOCs), 910 Mayer Avenue, Madison, Wisconsin.

Parameter / **Sample ID (Depth)** / **Sample Date**	**Ch. NR 140 PAL**	**Ch. NR 140 ES**	**SB-43 7-12'**	**SB-44 7-12'**	**SB-45 7-12'**	**SB-46 3-8'**	**SB-47 7-12'**	**SB-48 11-16'**	**SB-49 5-15'**	**SB-50 5-15'**	**SB-51 0-5'**	**SB-52 3-8'**
			08/01/17	**08/01/17**	**08/02/17**	**08/02/17**	**08/01/17**	**08/01/17**	**08/02/17**	**08/02/17**	**08/02/17**	**07/28/17**
Methylene Chloride	0.5	5	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23
Naphthalene	*10*	100	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
Styrene	10	100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Tetrachloroethene	0.5	5	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Toluene	*160*	800	<0.50	**10.8**	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Trichloroethene	0.5	5	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
Trichlorofluoromethane	NS	NS	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18
Vinyl chloride	*0.02*	0.2	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18
1,2-Dichloroethene (cis)	7	70	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26
1,3-Dichloropropene (cis)	0.04	0.4	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
m&p-Xylene*	400	2,000	<1.0	**5.2**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
n-Butylbenzene	NS	NS	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
n-Propylbenzene	NS	NS	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
o-Xylene*	400	2,000	<0.50	**2.2**	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
p-Isopropyltoluene	NS	NS	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
sec-Butylbenzene	NS	NS	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2
tert-Butylbenzene	NS	NS	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18
1,2-Dichloroethene (trans)	20	100	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26
1,3-Dichloropropene (trans)	0.04	0.4	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23

Notes:
All units are micrograms per liter (µg/l).
All depths are measured in feet below ground surface (ft bgs).
VOCs analyzed by USEPA Method 8260.
* Xylene standard is for total xylene concentrations.

Bold	Value exceeds laboratory detection limit (DL).
Italic	Value exceeds Wisconsin Administrative Code Chapter NR 140 Preventive Action Limit (PAL).
Shaded	Value exceeds Wisconsin Administrative Code Chapter NR 140 Enforcement Standard (ES).
NS	No established standard.
NA	Not analized.

Table A-6
Temporary Well Groundwater Analytical Results - Volatile Organic Compounds (VOCs), 910 Mayer Avenue, Madison, Wisconsin.

Parameter / Sample ID (Depth) / Sample Date	Ch. NR 140 PAL	Ch. NR 140 ES	SB-53 0-3' 07/27/17	TRIP BLANK 08/02/17	SB-54 6-16' 09/11/17	SB-55 6-16' 09/11/17	SB-56 5-15' 09/11/17	SB-57 2-12' 09/11/17	SB-58 4-14' 09/11/17	SB-59 3-13' 09/11/17	SB-60 9-19' 09/11/17	SB-61 9-19' 09/11/17
1,1,1,2-Tetrachloroethane	7	70	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<1.8	<0.18	<0.36
1,1,1-Trichloroethane	40	200	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<1.0
1,1,2,2-Tetrachloroethane	0.02	0.2	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<2.5	<0.25	<0.50
1,1,2-Trichloroethane	*0.5*	5	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<2.0	<0.20	<0.39
1,1-Dichloroethane	85	850	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<2.4	<0.24	<0.48
1,1-Dichloroethene	0.7	7	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<4.1	<0.41	<0.82
1,1-Dichloropropene	NS	NS	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<4.4	<0.44	<0.88
1,2,3-Trichlorobenzene	NS	NS	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<21.3	<2.1	<4.3
1,2,3-Trichloropropane	12	60	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<1.0
1,2,4-Trichlorobenzene	14	70	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<22.1	<2.2	<4.4
1,2,4-Trimethylbenzene	*96*	480	<0.50	<0.50	<0.50	**1.0**	<0.50	<0.50	<0.50	<5.0	<0.50	**54.5**
1,2-Dibromo-3-chloropropane (DBCP)	0.02	0.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<21.6	<2.2	<4.3
1,2-Dibromoethane (EDB)	0.005	0.05	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<1.8	<0.18	<0.36
1,2-Dichlorobenzene	60	600	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<1.0
1,2-Dichloroethane	*0.5*	5	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<1.7	<0.17	<0.34
1,2-Dichloropropane	0.5	5	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<2.3	<0.23	<0.47
1,3,5-Trimethylbenzene	*96*	480	<0.50	<0.50	<0.50	**0.60 J**	<0.50	<0.50	<0.50	**85.9**	**3.3**	**22.5**
1,3-Dichlorobenzene	120	600	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<1.0
1,3-Dichloropropane	NS	NS	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<1.0
1,4-Dichlorobenzene	15	75	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<1.0
2,2-Dichloropropane	NS	NS	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<4.8	<0.48	<0.97
2-Butanone (MEK)	800	4,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Chlorotoluene	NS	NS	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<1.0
2-Hexanone	NS	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Chlorotoluene	NS	NS	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<2.1	<0.21	<0.43
4-Methyl-2-pentanone (MIBK)	50	500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	1,800	9,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	*0.5*	5	<0.50	<0.50	<0.50	**36.6**	<0.50	<0.50	<0.50	**6.9 J**	<0.50	**19.5**
Bromobenzene	NS	NS	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<2.3	<0.23	<0.46
Bromochloromethane	NS	NS	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<3.4	<0.34	<0.68
Bromodichloromethane	0.06	0.6	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<1.0
Bromoform	0.44	4.4	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<1.0
Bromomethane	1	10	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<24.3	<2.4	<4.9
Carbon tetrachloride	0.5	5	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<1.0
Chlorobenzene	NS	NS	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<1.0
Chloroethane	80	400	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37	<3.7	<0.37	<0.75
Chloroform	0.6	6	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<25.0	<2.5	<5.0
Chloromethane	3	30	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<1.0
Dibromochloromethane	6	60	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<1.0
Dibromomethane	NS	NS	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43	<4.3	<0.43	<0.85
Dichlorodifluoromethane	200	1,000	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22	<2.2	<0.22	<0.45
Diisopropyl ether	NS	NS	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<1.0
Ethylbenzene	*140*	700	<0.50	<0.50	<0.50	**2.9**	<0.50	<0.50	<0.50	***172***	**0.99 J**	**26.0**
Hexachloro-1,3-butadiene	NS	NS	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<21.1	<2.1	<4.2
Isopropylbenzene (Cumene)	NS	NS	<0.14	<0.14	<0.14	**3.7**	<0.14	<0.14	<0.14	**96.2**	**5.8**	**12.8**
Methyl tert-butyl ether (MTBE)	12	60	<0.17	<0.17	NA	NA	NA	NA	NA	NA	NA	NA

Table A-6
Temporary Well Groundwater Analytical Results - Volatile Organic Compounds (VOCs), 910 Mayer Avenue, Madison, Wisconsin.

Parameter / **Sample ID (Depth)** / **Sample Date**	**Ch. NR 140 PAL**	**Ch. NR 140 ES**	**SB-53 0-3'**	**TRIP BLANK**	**SB-54 6-16'**	**SB-55 6-16'**	**SB-56 5-15'**	**SB-57 2-12'**	**SB-58 4-14'**	**SB-59 3-13'**	**SB-60 9-19'**	**SB-61 9-19'**
			07/27/17	**08/02/17**	**09/11/17**	**09/11/17**	**09/11/17**	**09/11/17**	**09/11/17**	**09/11/17**	**09/11/17**	**09/11/17**
Methylene Chloride	0.5	5	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<2.3	<0.23	<0.47
Naphthalene	*10*	100	<2.5	<2.5	**2.6 J**	**32.8**	<2.5	<2.5	<2.5	**486**	**2.6 J**	<5.0
Styrene	10	100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<1.0
Tetrachloroethene	0.5	5	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<1.0
Toluene	*160*	800	<0.50	<0.50	<0.50	1.3	<0.50	<0.50	<0.50	**13.3**	<0.50	**12.9**
Trichloroethene	0.5	5	**0.39 J**	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<3.3	<0.33	<0.66
Trichlorofluoromethane	NS	NS	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<1.8	<0.18	<0.37
Vinyl chloride	*0.02*	0.2	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<1.8	<0.18	<0.35
1,2-Dichloroethene (cis)	7	70	**0.51 J**	<0.26	**1.1**	**2.4**	<0.26	<0.26	<0.26	<2.6	<0.26	<0.51
1,3-Dichloropropene (cis)	0.04	0.4	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<1.0
m&p-Xylene*	400	2,000	<1.0	<1.0	<1.0	**6.6**	<1.0	<1.0	<1.0	**521**	<1.0	**510**
n-Butylbenzene	NS	NS	<0.50	<0.50	<0.50	**1.1**	<0.50	<0.50	<0.50	**24.2**	<0.50	<1.0
n-Propylbenzene	NS	NS	<0.50	<0.50	<0.50	**10.1**	<0.50	<0.50	<0.50	**304**	**15.1**	**11.9**
o-Xylene*	400	2,000	<0.50	<0.50	<0.50	**0.61 J**	<0.50	<0.50	<0.50	**10.1**	<0.50	**16.0**
p-Isopropyltoluene	NS	NS	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	**7.6 J**	<0.50	<1.0
sec-Butylbenzene	NS	NS	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<21.9	<2.2	<4.4
tert-Butylbenzene	NS	NS	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<1.8	<0.18	<0.36
1,2-Dichloroethene (trans)	20	100	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<2.6	<0.26	<0.51
1,3-Dichloropropene (trans)	0.04	0.4	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<2.3	<0.23	<0.46

Notes:

All units are micrograms per liter (µg/l).
All depths are measured in feet below ground surface (ft bgs).
VOCs analyzed by USEPA Method 8260.
* Xylene standard is for total xylene concentrations.

Bold	Value exceeds laboratory detection limit (DL).
Italic	Value exceeds Wisconsin Administrative Code Chapter NR 140 Preventive Action Limit (PAL).
Shaded	Value exceeds Wisconsin Administrative Code Chapter NR 140 Enforcement Standard (ES).
NS	No established standard.
NA	Not analized.

Table A-6
Temporary Well Groundwater Analytical Results - Volatile Organic Compounds (VOCs), 910 Mayer Avenue, Madison, Wisconsin.

Parameter / Sample ID (Depth) / Sample Date	Ch. NR 140 PAL	Ch. NR 140 ES	SB-62 10-20' 09/11/17	SB-63 8-18' 09/11/17	SB-64 3-13' 09/11/17	SB-65 3-13' 09/11/17	SB-66S 3-8' 09/11/17	SB-66D 17-22' 09/11/17	SB-67 17-22' 09/11/17	SB-68S 3-8' 09/11/17	SB-68D 17-22' 09/11/17	SB-69 3-8' 09/11/17
1,1,1,2-Tetrachloroethane	7	70	<0.18	<0.18	NA	NA	NA	NA	NA	NA	NA	NA
1,1,1-Trichloroethane	40	200	<0.50	<0.50	<0.50	<0.50	<0.50	<25.0	<0.50	<0.50	<0.50	<0.50
1,1,2,2-Tetrachloroethane	0.02	0.2	<0.25	<0.25	<0.25	<0.25	<0.25	<12.5	<0.25	<0.25	<0.25	<0.25
1,1,2-Trichloroethane	*0.5*	5	<0.20	<0.20	<0.20	<0.20	<0.20	<9.9	<0.20	<0.20	<0.20	<0.20
1,1-Dichloroethane	85	850	<0.24	<0.24	<0.24	<0.24	<0.24	<12.1	<0.24	<0.24	<0.24	<0.24
1,1-Dichloroethene	0.7	7	<0.41	<0.41	<0.41	<0.41	<0.41	<20.5	<0.41	<0.41	<0.41	<0.41
1,1-Dichloropropene	NS	NS	<0.44	<0.44	<0.44	<0.44	<0.44	<22.1	<0.44	<0.44	<0.44	<0.44
1,2,3-Trichlorobenzene	NS	NS	<2.1	<2.1	<2.1	<2.1	<2.1	<107	<2.1	<2.1	<2.1	<2.1
1,2,3-Trichloropropane	12	60	<0.50	<0.50	<0.50	<0.50	<0.50	<25.0	<0.50	<0.50	<0.50	<0.50
1,2,4-Trichlorobenzene	14	70	<2.2	<2.2	<2.2	<2.2	<2.2	<110	<2.2	<2.2	<2.2	<2.2
1,2,4-Trimethylbenzene	*96*	480	<0.50	<0.50	<0.50	<0.50	<0.50	<25.0	<0.50	<0.50	<0.50	<0.50
1,2-Dibromo-3-chloropropane (DBCP)	0.02	0.2	<2.2	<2.2	<0.18	<0.18	<0.18	<8.9	<0.18	<0.18	<0.18	<0.18
1,2-Dibromoethane (EDB)	0.005	0.05	<0.18	<0.18	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	60	600	<0.50	<0.50	<0.50	<0.50	<0.50	<25.0	<0.50	<0.50	<0.50	<0.50
1,2-Dichloroethane	*0.5*	5	<0.17	<0.17	<0.17	<0.17	<0.17	**5,540**	<0.17	<0.17	<0.17	<0.17
1,2-Dichloropropane	0.5	5	<0.23	<0.23	<0.23	<0.23	<0.23	<11.7	<0.23	<0.23	<0.23	<0.23
1,3,5-Trimethylbenzene	*96*	480	<0.50	<0.50	<0.50	<0.50	<0.50	<25.0	<0.50	<0.50	<0.50	<0.50
1,3-Dichlorobenzene	120	600	<0.50	<0.50	<0.50	<0.50	<0.50	<25.0	<0.50	<0.50	<0.50	<0.50
1,3-Dichloropropane	NS	NS	<0.50	<0.50	<0.50	<0.50	<0.50	<25.0	<0.50	<0.50	<0.50	<0.50
1,4-Dichlorobenzene	15	75	<0.50	<0.50	<0.50	<0.50	<0.50	<25.0	<0.50	<0.50	<0.50	<0.50
2,2-Dichloropropane	NS	NS	<0.48	<0.48	<0.48	<0.48	<0.48	<24.2	<0.48	<0.48	<0.48	<0.48
2-Butanone (MEK)	800	4,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Chlorotoluene	NS	NS	<0.50	<0.50	<0.50	<0.50	<0.50	<25.0	<0.50	<0.50	<0.50	<0.50
2-Hexanone	NS	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Chlorotoluene	NS	NS	<0.21	<0.21	<0.21	<0.21	<0.21	<10.7	<0.21	<0.21	<0.21	<0.21
4-Methyl-2-pentanone (MIBK)	50	500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	1,800	9,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	*0.5*	5	<0.50	<0.50	<0.50	<0.50	<0.50	<25.0	<0.50	<0.50	<0.50	<0.50
Bromobenzene	NS	NS	<0.23	<0.23	<0.23	<0.23	<0.23	<11.5	<0.23	<0.23	<0.23	<0.23
Bromochloromethane	NS	NS	<0.34	<0.34	<0.34	<0.34	<0.34	<17.0	<0.34	<0.34	<0.34	<0.34
Bromodichloromethane	0.06	0.6	<0.50	<0.50	<0.50	<0.50	<0.50	<25.0	<0.50	<0.50	<0.50	<0.50
Bromoform	0.44	4.4	<0.50	<0.50	<0.50	<0.50	<0.50	<25.0	<0.50	<0.50	<0.50	<0.50
Bromomethane	1	10	<2.4	<2.4	<2.4	<2.4	<2.4	<122	<2.4	<2.4	<2.4	<2.4
Carbon tetrachloride	0.5	5	<0.50	<0.50	<0.50	<0.50	<0.50	<25.0	<0.50	<0.50	<0.50	<0.50
Chlorobenzene	NS	NS	<0.50	<0.50	<0.50	<0.50	<0.50	<25.0	<0.50	<0.50	<0.50	<0.50
Chloroethane	80	400	<0.37	<0.37	<0.37	<0.37	<0.37	<18.7	<0.37	<0.37	<0.37	<0.37
Chloroform	0.6	6	<2.5	<2.5	<2.5	<2.5	<2.5	<125	<2.5	<2.5	<2.5	<2.5
Chloromethane	3	30	<0.50	<0.50	<0.50	<0.50	<0.50	<25.0	<0.50	<0.50	<0.50	<0.50
Dibromochloromethane	6	60	<0.50	<0.50	<0.50	<0.50	<0.50	<25.0	<0.50	<0.50	<0.50	<0.50
Dibromomethane	NS	NS	<0.43	<0.43	<0.43	<0.43	<0.43	<21.3	<0.43	<0.43	<0.43	<0.43
Dichlorodifluoromethane	200	1,000	<0.22	<0.22	<0.22	<0.22	<0.22	<11.2	<0.22	<0.22	<0.22	<0.22
Diisopropyl ether	NS	NS	<0.50	<0.50	<0.50	<0.50	<0.50	<25.0	**6.2**	**0.96 J**	<0.50	<0.50
Ethylbenzene	*140*	700	<0.50	<0.50	<0.50	<0.50	<0.50	<25.0	<0.50	<0.50	<0.50	<0.50
Hexachloro-1,3-butadiene	NS	NS	<2.1	<2.1	<2.1	<2.1	<2.1	<105	<2.1	<2.1	<2.1	<2.1
Isopropylbenzene (Cumene)	NS	NS	<0.14	<0.14	<0.14	<0.14	<0.14	<7.2	<0.14	<0.14	<0.14	<0.14
Methyl tert-butyl ether (MTBE)	12	60	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table A-6
Temporary Well Groundwater Analytical Results - Volatile Organic Compounds (VOCs), 910 Mayer Avenue, Madison, Wisconsin.

Parameter / **Sample ID (Depth)** / **Sample Date**	**Ch. NR 140 PAL**	**Ch. NR 140 ES**	**SB-62 10-20'**	**SB-63 8-18'**	**SB-64 3-13'**	**SB-65 3-13'**	**SB-66S 3-8'**	**SB-66D 17-22'**	**SB-67 17-22'**	**SB-68S 3-8'**	**SB-68D 17-22'**	**SB-69 3-8'**
			09/11/17	**09/11/17**	**09/11/17**	**09/11/17**	**09/11/17**	**09/11/17**	**09/11/17**	**09/11/17**	**09/11/17**	**09/11/17**
Methylene Chloride	0.5	5	<0.23	<0.23	<0.23	<0.23	<0.23	<11.6	<0.23	<0.23	<0.23	<0.23
Naphthalene	*10*	100	<2.5	<2.5	<2.5	<2.5	<2.5	<125	<2.5	<2.5	<2.5	**3.0 J**
Styrene	10	100	<0.50	<0.50	<0.50	<0.50	<0.50	<25.0	<0.50	<0.50	<0.50	<0.50
Tetrachloroethene	0.5	5	<0.50	<0.50	<0.50	<0.50	<0.50	<25.0	<0.50	<0.50	<0.50	<0.50
Toluene	*160*	800	<0.50	<0.50	<0.50	<0.50	<0.50	<25.0	<0.50	<0.50	<0.50	<0.50
Trichloroethene	0.5	5	<0.33	<0.33	<0.33	<0.33	<0.33	<16.5	<0.33	<0.33	<0.33	<0.33
Trichlorofluoromethane	NS	NS	<0.18	<0.18	<0.18	<0.18	<0.18	<9.2	<0.18	<0.18	<0.18	<0.18
Vinyl chloride	*0.02*	0.2	<0.18	<0.18	<0.18	<0.18	<0.18	**55.2**	<0.18	<0.18	<0.18	<0.18
1,2-Dichloroethene (cis)	7	70	<0.26	<0.26	<0.50	<0.50	<0.50	<25.0	<0.50	<0.50	<0.50	<0.50
1,3-Dichloropropene (cis)	0.04	0.4	<0.50	<0.50	<1.0	<1.0	<1.0	<50.0	<1.0	<1.0	<1.0	<1.0
m&p-Xylene*	400	2,000	<1.0	<1.0	NA	NA	NA	NA	NA	NA	NA	NA
n-Butylbenzene	NS	NS	<0.50	<0.50	<0.50	<0.50	<0.50	<25.0	<0.50	<0.50	<0.50	<0.50
n-Propylbenzene	NS	NS	<0.50	<0.50	<0.50	<0.50	<0.50	<25.0	<0.50	<0.50	<0.50	<0.50
o-Xylene*	400	2,000	<0.50	<0.50	<0.50	<0.50	<0.50	<25.0	<0.50	<0.50	<0.50	<0.50
p-Isopropyltoluene	NS	NS	<0.50	<0.50	<0.50	<0.50	<0.50	<25.0	<0.50	<0.50	<0.50	<0.50
sec-Butylbenzene	NS	NS	<2.2	<2.2	<2.2	<2.2	<2.2	<109	<2.2	<2.2	<2.2	<2.2
tert-Butylbenzene	NS	NS	NA	NA	<0.18	<0.18	<0.18	<9.0	<0.18	<0.18	<0.18	<0.18
1,2-Dichloroethene (trans)	20	100	<0.18	<0.18	<0.26	<0.26	<0.26	<12.8	<0.26	<0.26	<0.26	<0.26
1,3-Dichloropropene (trans)	0.04	0.4	<0.26	<0.26	<0.23	<0.23	<0.23	<11.5	<0.23	<0.23	<0.23	<0.23

Notes:

All units are micrograms per liter (µg/l).
All depths are measured in feet below ground surface (ft bgs).
VOCs analyzed by USEPA Method 8260.
* Xylene standard is for total xylene concentrations.

Bold	Value exceeds laboratory detection limit (DL).
Italic	Value exceeds Wisconsin Administrative Code Chapter NR 140 Preventive Action Limit (PAL).
Shaded	Value exceeds Wisconsin Administrative Code Chapter NR 140 Enforcement Standard (ES).
NS	No established standard.
NA	Not analized.

Table A-7
Temporary Well Groundwater Analytical Results - Semi-Volatile Organic Compounds (SVOCs), 910 Mayer Avenue, Madison, Wisconsin.

Parameter / Sample ID (Depth) / Sample Date	Ch. NR 140 PAL	Ch. NR 140 ES	SB-3 3-13' 07/31/17	SB-4 7-12' 07/31/17	SB-5 3-8' 07/31/17	SB-8 5-15' 08/01/17	SB-9 3-13' 08/02/17	SB-10 3-8' 07/28/17	SB-11 3-8' 07/31/17	SB-12 3-8' 08/02/17	SB-13 3-8' 07/28/17	SB-14 3-8' 07/28/17	SB-15 3-8' 07/28/17	SB-15D 15-20' 09/11/17
1,2,4-Trichlorobenzene	14	70	NA	NA	NA	NA	NA	NA	NA	<1.9	NA	<7.8	<1.9	<2.2
1,2-Dichlorobenzene	60	600	NA	NA	NA	NA	NA	NA	NA	<1.8	NA	<7.4	<1.8	<0.50
1,3-Dichlorobenzene	120	600	NA	NA	NA	NA	NA	NA	NA	<1.8	NA	<7.2	<1.8	<0.50
1,4-Dichlorobenzene	15	75	NA	NA	NA	NA	NA	NA	NA	<1.8	NA	<7.2	<1.8	<0.50
1-Methylnaphthalene	NS	NS	**34.7**	<0.0054	**5.5**	**5.6**	**14.1**	<0.0054	**32.3**	NA	<0.0057	NA	NA	NA
2,2'-Oxybis(1-chloropropane)	NS	NS	NA	NA	NA	NA	NA	NA	NA	<1.5	NA	<5.8	<1.5	NA
2,4,5-Trichlorophenol	12	60	NA	NA	NA	NA	NA	NA	NA	<0.80	NA	<3.2	<0.80	NA
2,4,6-Trichlorophenol	NS	NS	NA	NA	NA	NA	NA	NA	NA	<2.0	NA	<8.0	<2.0	NA
2,4-Dichlorophenol	7	70	NA	NA	NA	NA	NA	NA	NA	<1.3	NA	<5.2	<1.3	NA
2,4-Dimethylphenol	NS	NS	NA	NA	NA	NA	NA	NA	NA	<1.2	NA	<4.8	<1.2	NA
2,4-Dinitrophenol	NS	NS	NA	NA	NA	NA	NA	NA	NA	<0.68	NA	<2.7	<0.68	NA
2,4-Dinitrotoluene	0.005	0.05	NA	NA	NA	NA	NA	NA	NA	<0.75	NA	<3.0	<0.75	NA
2,6-Dinitrotoluene	0.005	0.05	NA	NA	NA	NA	NA	NA	NA	<0.57	NA	<2.3	<0.57	NA
2-Chloronaphthalene	NS	NS	NA	NA	NA	NA	NA	NA	NA	<1.6	NA	<6.3	<1.6	NA
2-Chlorophenol	NS	NS	NA	NA	NA	NA	NA	NA	NA	<1.1	NA	<4.4	<1.1	NA
2-Methylnaphthalene	NS	NS	**83.0**	<0.0045	**9.5**	**10.0**	**17.1**	<0.0045	**75.4**	<1.4	<0.0048	<5.8	<1.4	NA
2-Methylphenol(o-Cresol)	NS	NS	NA	NA	NA	NA	NA	NA	NA	<0.83	NA	<3.3	<0.83	NA
2-Nitroaniline	NS	NS	NA	NA	NA	NA	NA	NA	NA	<0.74	NA	<2.9	<0.74	NA
2-Nitrophenol	NS	NS	NA	NA	NA	NA	NA	NA	NA	<1.1	NA	<4.4	<1.1	NA
3&4-Methylphenol(m&p Cresol)	NS	NS	NA	NA	NA	NA	NA	NA	NA	<1.5	NA	<5.9	<1.5	NA
3,3'-Dichlorobenzidine	NS	NS	NA	NA	NA	NA	NA	NA	NA	<0.86	NA	<3.4	<0.86	NA
3-Nitroaniline	NS	NS	NA	NA	NA	NA	NA	NA	NA	<0.92	NA	<3.7	<0.92	NA
4,6-Dinitro-2-methylphenol	NS	NS	NA	NA	NA	NA	NA	NA	NA	<0.62	NA	<2.5	<0.62	NA
4-Bromophenylphenyl ether	NS	NS	NA	NA	NA	NA	NA	NA	NA	<1.9	NA	<7.5	<1.9	NA
4-Chloro-3-methylphenol	NS	NS	NA	NA	NA	NA	NA	NA	NA	<1.6	NA	<6.4	<1.6	NA
4-Chloroaniline	NS	NS	NA	NA	NA	NA	NA	NA	NA	<1.0	NA	<4.2	<1.0	NA
4-Chlorophenylphenyl ether	NS	NS	NA	NA	NA	NA	NA	NA	NA	<0.78	NA	<3.1	<0.78	NA
4-Nitroaniline	NS	NS	NA	NA	NA	NA	NA	NA	NA	<1.7	NA	<7.0	<1.7	NA
4-Nitrophenol	NS	NS	NA	NA	NA	NA	NA	NA	NA	<1.0	NA	<4.0	<1.0	NA
Acenaphthene	NS	NS	**0.50 J**	**0.0074 J**	**0.36**	**0.066 J**	**0.26**	<0.0056	<0.17	<1.3	**0.018 J**	**50.2**	<1.3	NA
Acenaphthylene	NS	NS	**0.12 J**	**0.0073 J**	**0.091 J**	<0.047	**0.15**	<0.0046	<0.14	<1.0	<0.0048	<4.0	<1.0	NA
Anthracene	600	3,000	<0.24	**0.012 J**	<0.094	<0.099	<0.024	<0.0096	<0.30	<1.7	<0.010	**38.5**	<1.7	NA
Benzo(a)anthracene	NS	NS	<0.17	**0.0070 J**	**0.13 J**	<0.071	<0.018	<0.0069	<0.22	<0.51	**0.12**	**36.5**	<0.51	NA
Benzo(a)pyrene	*0.02*	0.2	<0.24	***0.032 J***	***0.40 J***	<0.099	<0.024	<0.0097	<0.30	<1.8	***0.17***	***31.1***	<1.8	NA
Benzo(b)fluoranthene	*0.02*	0.2	<0.13	***0.045***	***0.41***	<0.054	<0.013	<0.0053	<0.16	<0.62	***0.23***	***40.4***	<0.62	NA
Benzo(g,h,i)perylene	NS	NS	<0.16	**0.028 J**	**0.22 J**	<0.064	<0.016	<0.0062	<0.19	**0.91 J**	**0.13**	**19.1**	<0.77	NA
Benzo(k)fluoranthene	NS	NS	<0.17	**0.033 J**	**0.40**	<0.071	<0.018	<0.0069	<0.22	<0.95	**0.13**	**17.4**	<0.95	NA
Butylbenzylphthalate	NS	NS	NA*	NA	NA	NA	NA	NA	NA	<0.74	NA	<2.9	<0.74	NA
Carbazole	NS	NS	NA*	NA	NA	NA	NA	NA	NA	<0.71	NA	120	<0.71	NA
Chrysene	*0.02*	0.2	<0.30	***0.067***	**1.0**	<0.12	***0.044 J***	<0.012	<0.37	<1.7	***0.26***	***41.4***	<1.7	NA
Di-n-butylphthalate	NS	NS	NA	NA	NA	NA	NA	NA	NA	<2.4	NA	<9.8	<2.4	NA
Di-n-octylphthalate	NS	NS	NA	NA	NA	NA	NA	NA	NA	<1.8	NA	<7.2	<1.8	NA
Dibenz(a,h)anthracene	NS	NS	<0.23	<0.0091	<0.090	<0.095	<0.023	<0.0092	<0.29	<1.3	**0.024 J**	<5.0	<1.3	NA
Dibenzofuran	NS	NS	NA	NA	NA	NA	NA	NA	NA	<0.73	NA	**30.9**	<0.73	NA
Diethylphthalate	NS	NS	NA	NA	NA	NA	NA	NA	NA	<1.0	NA	<4.1	<1.0	NA
Dimethylphthalate	NS	NS	NA	NA	NA	NA	NA	NA	NA	<1.8	NA	<7.4	<1.8	NA

Table A-7
Temporary Well Groundwater Analytical Results - Semi-Volatile Organic Compounds (SVOCs), 910 Mayer Avenue, Madison, Wisconsin.

Parameter / **Sample ID (Depth)** / **Sample Date**	**Ch. NR 140 PAL**	**Ch. NR 140 ES**	**SB-3 3-13' 07/31/17**	**SB-4 7-12' 07/31/17**	**SB-5 3-8' 07/31/17**	**SB-8 5-15' 08/01/17**	**SB-9 3-13' 08/02/17**	**SB-10 3-8' 07/28/17**	**SB-11 3-8' 07/31/17**	**SB-12 3-8' 08/02/17**	**SB-13 3-8' 07/28/17**	**SB-14 3-8' 07/28/17**	**SB-15 3-8' 07/28/17**	**SB-15D 15-20' 09/11/17**
Fluoranthene	*80*	400	**0.61 J**	**0.081**	**2.1**	<0.10	**0.050 J**	**0.024 J**	<0.30	<0.54	**0.36**	***108***	<0.54	NA
Fluorene	80	400	**0.55 J**	<0.0072	**0.78**	<0.075	**0.49**	<0.0073	**0.41 J**	<0.71	<0.0077	**48.4**	<0.71	NA
Hexachloro-1,3-butadiene	NS	NS	NA	NA	NA	NA	NA	NA	NA	<2.3	NA	<9.4	<2.3	<2.1
Hexachlorobenzene	0.1	1	NA	NA	NA	NA	NA	NA	NA	<1.6	NA	<6.5	<1.6	NA
Hexachlorocyclopentadiene	NS	NS	NA	NA	NA	NA	NA	NA	NA	<0.65	NA	<2.6	<0.65	NA
Hexachloroethane	NS	NS	NA	NA	NA	NA	NA	NA	NA	<2.5	NA	<10.1	<2.5	NA
Indeno(1,2,3-cd)pyrene	NS	NS	<0.41	**0.026 J**	<0.16	<0.17	<0.041	<0.016	<0.50	<1.4	**0.096**	**22.8**	<1.4	NA
Isophorone	NS	NS	NA	NA	NA	NA	NA	NA	NA	<0.70	NA	<2.8	<0.70	NA
N-Nitroso-di-n-propylamine	NS	NS	NA	NA	NA	NA	NA	NA	NA	<0.92	NA	<3.7	<0.92	NA
N-Nitrosodiphenylamine	0.7	7	NA	NA	NA	NA	NA	NA	NA	<3.4	NA	<13.4	<3.4	NA
Naphthalene	*10*	100	***182***	<0.017	***90.0***	***79.5***	***16.6***	<0.017	***290***	<1.8	<0.018	***51.0***	<1.8	<2.5
Nitrobenzene	NS	NS	NA	NA	NA	NA	NA	NA	NA	<1.4	NA	<5.5	<1.4	NA
Pentachlorophenol	0.1	1	NA	NA	NA	NA	NA	NA	NA	<1.4	NA	<5.5	<1.4	NA
Phenanthrene	NS	NS	**0.83 J**	**0.041 J**	**2.8**	**0.14 J**	**0.80**	**0.028 J**	**0.49 J**	<1.7	**0.19**	**125**	<1.7	NA
Phenol	400	2,000	NA	NA	NA*	NA*	NA*	NA	NA	<0.57	NA	<2.3	<0.57	NA
Pyrene	*50*	250	**0.75 J**	**0.090**	**1.9**	<0.072	**0.042 J**	**0.060**	**0.41 J**	<1.3	**0.33**	***78.6***	<1.3	NA
bis(2-Chloroethoxy)methane	NS	NS	NA	NA	NA	NA	NA	NA	NA	<0.95	NA	<3.8	<0.95	NA
bis(2-Chloroethyl) ether	NS	NS	NA	NA	NA	NA	NA	NA	NA	<1.5	NA	<6.0	<1.5	NA
bis(2-Ethylhexyl)phthalate	NS	NS	NA	NA	NA	NA	NA	NA	NA	<0.66	NA	<2.6	<0.66	NA

Notes:

All units are micrograms per liter (µg/l).
All depths are measured in feet below ground surface (ft bgs).
SVOCs analyzed by USEPA Method 8270.

Bold	Value exceeds laboratory detection limit (DL).
Italic	Value exceeds Wisconsin Administrative Code Chapter NR 140 Preventive Action Limit (PAL).
Shaded	Value exceeds Wisconsin Administrative Code Chapter NR 140 Enforcement Standard (ES).
NS	No established standard.
NA	Not analized.

Table A-7
Temporary Well Groundwater Analytical Results - Semi-Volatile Organic Compounds (SVOCs), 910 Mayer Avenue, Madison, Wisconsin.

Parameter / Sample ID (Depth) / Sample Date	Ch. NR 140 PAL	Ch. NR 140 ES	SB-17 5-15' 08/02/17	SB-18 5-15' 07/28/17	SB-19 3-8' 07/31/17	SB-20 7-12' 07/31/17	SB-21 5-15 07/31/17	SB-22 6-16' 07/31/17	SB-23 11-16' 07/31/17	SB-24 6-16' 08/01/17	SB-25 10-20' 08/01/17	SB-26 0-5' 07/26/17	SB-27D 20-30' 07/27/17	SB-27S 5-10' 07/26/17
1,2,4-Trichlorobenzene	14	70	<1.9	NA	<1.9	<1.9	<2.0	NA	<1.9	<2.0	<2.0	<2.1	<1.9	<2.1
1,2-Dichlorobenzene	60	600	<1.8	NA	<1.8	<1.8	<1.9	NA	<1.8	<1.9	<1.9	<2.0	<1.8	<2.0
1,3-Dichlorobenzene	120	600	<1.8	NA	<1.8	<1.8	<1.8	NA	<1.8	<1.8	<1.8	<2.0	<1.8	<2.0
1,4-Dichlorobenzene	15	75	<1.8	NA	<1.8	<1.8	<1.8	NA	<1.8	<1.8	<1.8	<2.0	<1.8	<2.0
1-Methylnaphthalene	NS	NS	NA	**0.012 J**	NA	NA	NA	<0.0053	NA	NA	NA	NA	NA	NA
2,2'-Oxybis(1-chloropropane)	NS	NS	<1.5	NA	<1.5	<1.5	<1.5	NA	<1.5	<1.5	<1.5	<1.6	<1.5	<1.6
2,4,5-Trichlorophenol	12	60	<0.80	NA	<0.80	<0.80	<0.82	NA	<0.80	<0.81	<0.81	<0.89	<0.80	<0.88
2,4,6-Trichlorophenol	NS	NS	<2.0	NA	<2.0	<2.0	<2.1	NA	<2.0	<2.0	<2.0	<2.2	<2.0	<2.2
2,4-Dichlorophenol	7	70	<1.3	NA	<1.3	<1.3	<1.3	NA	<1.3	<1.3	<1.3	<1.4	<1.3	<1.4
2,4-Dimethylphenol	NS	NS	<1.2	NA	<1.2	<1.2	<1.2	NA	<1.2	<1.2	<1.2	<1.3	<1.2	<1.3
2,4-Dinitrophenol	NS	NS	<0.68	NA	<0.68	<0.68	<0.69	NA	<0.68	<0.68	<0.68	<0.75	<0.68	<0.74
2,4-Dinitrotoluene	0.005	0.05	<0.75	NA	<0.75	<0.75	<0.77	NA	<0.75	<0.76	<0.76	<0.83	<0.75	<0.82
2,6-Dinitrotoluene	0.005	0.05	<0.57	NA	<0.57	<0.57	<0.59	NA	<0.57	<0.58	<0.58	<0.63	<0.57	<0.63
2-Chloronaphthalene	NS	NS	<1.6	NA	<1.6	<1.6	<1.6	NA	<1.6	<1.6	<1.6	<1.7	<1.6	<1.7
2-Chlorophenol	NS	NS	<1.1	NA	<1.1	<1.1	<1.1	NA	<1.1	<1.1	<1.1	<1.2	<1.1	<1.2
2-Methylnaphthalene	NS	NS	<1.4	<0.0048	<1.4	<1.4	<1.5	<0.0044	<1.4	<1.5	<1.5	<1.6	<1.4	<1.6
2-Methylphenol(o-Cresol)	NS	NS	<0.83	NA	<0.83	<0.83	<0.84	NA	<0.83	<0.83	<0.83	<0.91	<0.83	<0.90
2-Nitroaniline	NS	NS	<0.74	NA	<0.74	<0.74	<0.75	NA	<0.74	<0.74	<0.74	<0.81	<0.74	<0.81
2-Nitrophenol	NS	NS	<1.1	NA	<1.1	<1.1	<1.1	NA	<1.1	<1.1	<1.1	<1.2	<1.1	<1.2
3&4-Methylphenol(m&p Cresol)	NS	NS	<1.5	NA	<1.5	<1.5	<1.5	NA	<1.5	<1.5	<1.5	<1.6	<1.5	<1.6
3,3'-Dichlorobenzidine	NS	NS	<0.86	NA	<0.86	<0.86	<0.88	NA	<0.86	<0.87	<0.87	<0.95	<0.86	<0.94
3-Nitroaniline	NS	NS	<0.92	NA	<0.92	<0.92	<0.94	NA	<0.92	<0.93	<0.93	<1.0	<0.92	<1.0
4,6-Dinitro-2-methylphenol	NS	NS	<0.62	NA	<0.62	<0.62	<0.63	NA	<0.62	<0.63	<0.63	<0.69	<0.62	<0.68
4-Bromophenylphenyl ether	NS	NS	<1.9	NA	<1.9	<1.9	<1.9	NA	<1.9	<1.9	<1.9	<2.1	<1.9	<2.1
4-Chloro-3-methylphenol	NS	NS	<1.6	NA	<1.6	<1.6	<1.6	NA	<1.6	<1.6	<1.6	<1.8	<1.6	<1.8
4-Chloroaniline	NS	NS	<1.0	NA	<1.0	<1.0	<1.1	NA	<1.0	<1.1	<1.1	<1.2	<1.0	<1.1
4-Chlorophenylphenyl ether	NS	NS	<0.78	NA	<0.78	<0.78	<0.80	NA	<0.78	<0.79	<0.79	<0.86	<0.78	<0.85
4-Nitroaniline	NS	NS	<1.7	NA	<1.7	<1.7	<1.8	NA	<1.7	<1.8	<1.8	<1.9	<1.7	<1.9
4-Nitrophenol	NS	NS	<1.0	NA	<1.0	<1.0	<1.0	NA	<1.0	<1.0	<1.0	<1.1	<1.0	<1.1
Acenaphthene	NS	NS	<1.3	**0.043**	<1.3	<1.3	<1.3	<0.0055	<1.3	<1.3	<1.3	<1.4	<1.3	<1.4
Acenaphthylene	NS	NS	<1.0	**0.017 J**	<1.0	<1.0	<1.0	<0.0045	<1.0	<1.0	<1.0	<1.1	<1.0	<1.1
Anthracene	600	3,000	<1.7	**0.018 J**	<1.7	<1.7	<1.8	<0.0094	<1.7	<1.7	<1.7	<1.9	<1.7	<1.9
Benzo(a)anthracene	NS	NS	<0.51	**0.16**	**2.9**	<0.51	<0.52	<0.0068	<0.51	<0.51	<0.51	**0.62 J**	<0.51	**0.63 J**
Benzo(a)pyrene	*0.02*	0.2	<1.8	***0.20***	***2.2 J***	<1.8	<1.8	<0.0095	<1.8	<1.8	<1.8	<2.0	<1.8	<2.0
Benzo(b)fluoranthene	*0.02*	0.2	<0.62	***0.26***	***2.7***	<0.62	<0.63	**0.010 J**	<0.62	<0.63	<0.63	***0.76 J***	<0.62	***0.74 J***
Benzo(g,h,i)perylene	NS	NS	<0.77	**0.14**	**1.4 J**	<0.77	<0.79	<0.0061	<0.77	<0.78	<0.78	<0.85	<0.77	<0.84
Benzo(k)fluoranthene	NS	NS	<0.95	**0.14**	**1.3 J**	<0.95	<0.97	<0.0068	<0.95	<0.96	<0.96	<1.1	<0.95	<1.0
Butylbenzylphthalate	NS	NS	<0.74	NA	<0.74	<0.74	<0.75	NA	<0.74	<0.74	<0.74	<0.81	<0.74	<0.81
Carbazole	NS	NS	<0.71	NA	<0.71	<0.71	<0.73	NA	<0.71	<0.72	<0.72	<0.79	<0.71	<0.78
Chrysene	*0.02*	0.2	<1.7	***0.26***	***2.8 J***	<1.7	<1.7	**0.013 J**	<1.7	<1.7	<1.7	<1.8	<1.7	<1.8
Di-n-butylphthalate	NS	NS	<2.4	NA	<2.4	<2.4	<2.5	NA	<2.4	<2.5	<2.5	<2.7	<2.4	<2.7
Di-n-octylphthalate	NS	NS	<1.8	NA	<1.8	<1.8	<1.8	NA	<1.8	<1.8	<1.8	<2.0	<1.8	<2.0
Dibenz(a,h)anthracene	NS	NS	<1.3	**0.027 J**	<1.3	<1.3	<1.3	<0.0090	<1.3	<1.3	<1.3	<1.4	<1.3	<1.4
Dibenzofuran	NS	NS	<0.73	NA	<0.73	<0.73	<0.75	NA	<0.73	<0.74	<0.74	<0.81	<0.73	<0.80
Diethylphthalate	NS	NS	<1.0	NA	<1.0	<1.0	<1.1	NA	<1.0	<1.0	<1.0	<1.1	<1.0	<1.1
Dimethylphthalate	NS	NS	<1.8	NA	<1.8	<1.8	<1.9	NA	<1.8	<1.9	<1.9	<2.0	<1.8	<2.0

Table A-7
Temporary Well Groundwater Analytical Results - Semi-Volatile Organic Compounds (SVOCs), 910 Mayer Avenue, Madison, Wisconsin.

Parameter / **Sample ID (Depth)** / **Sample Date**	**Ch. NR 140 PAL**	**Ch. NR 140 ES**	**SB-17 5-15'** 08/02/17	**SB-18 5-15'** 07/28/17	**SB-19 3-8'** 07/31/17	**SB-20 7-12'** 07/31/17	**SB-21 5-15** 07/31/17	**SB-22 6-16'** 07/31/17	**SB-23 11-16'** 07/31/17	**SB-24 6-16'** 08/01/17	**SB-25 10-20'** 08/01/17	**SB-26 0-5'** 07/26/17	**SB-27D 20-30'** 07/27/17	**SB-27S 5-10'** 07/26/17
Fluoranthene	*80*	400	<0.54	**0.41**	**9.6**	<0.54	<0.55	**0.020 J**	<0.54	<0.54	<0.54	**0.93 J**	<0.54	**0.95 J**
Fluorene	80	400	<0.71	**0.039 J**	<0.71	<0.71	<0.73	<0.0072	<0.71	<0.72	<0.72	<0.79	<0.71	<0.78
Hexachloro-1,3-butadiene	NS	NS	<2.3	NA	<2.3	<2.3	<2.4	NA	<2.3	<2.4	<2.4	<2.6	<2.3	<2.6
Hexachlorobenzene	0.1	1	<1.6	NA	<1.6	<1.6	<1.6	NA	<1.6	<1.6	<1.6	<1.8	<1.6	<1.8
Hexachlorocyclopentadiene	NS	NS	<0.65	NA	<0.65	<0.65	<0.66	NA	<0.65	<0.65	<0.65	<0.71	<0.65	<0.71
Hexachloroethane	NS	NS	<2.5	NA	<2.5	<2.5	<2.6	NA	<2.5	<2.6	<2.6	<2.8	<2.5	<2.8
Indeno(1,2,3-cd)pyrene	NS	NS	<1.4	**0.10**	<1.4	<1.4	<1.5	<0.016	<1.4	<1.4	<1.4	<1.6	<1.4	<1.6
Isophorone	NS	NS	<0.70	NA	<0.70	<0.70	<0.71	NA	<0.70	<0.71	<0.71	<0.77	<0.70	<0.77
N-Nitroso-di-n-propylamine	NS	NS	<0.92	NA	<0.92	<0.92	<0.94	NA	<0.92	<0.93	<0.93	<1.0	<0.92	<1.0
N-Nitrosodiphenylamine	0.7	7	<3.4	NA	<3.4	<3.4	<3.4	NA	<3.4	<3.4	<3.4	<3.7	<3.4	<3.7
Naphthalene	*10*	100	<1.8	**0.025 J**	<1.8	<1.8	<1.8	<0.017	<1.8	<1.8	<1.8	<2.0	<1.8	<2.0
Nitrobenzene	NS	NS	<1.4	NA	<1.4	<1.4	<1.4	NA	<1.4	<1.4	<1.4	<1.5	<1.4	<1.5
Pentachlorophenol	0.1	1	<1.4	NA	<1.4	<1.4	<1.4	NA	<1.4	<1.4	<1.4	<1.5	<1.4	<1.5
Phenanthrene	NS	NS	<1.7	**0.23**	**2.0 J**	<1.7	<1.8	<0.012	<1.7	<1.8	<1.8	<1.9	<1.7	<1.9
Phenol	400	2,000	<0.57	NA	<0.57	<0.57	<0.58	NA	<0.57	<0.58	<0.58	<0.63	<0.57	<0.62
Pyrene	*50*	250	<1.3	**0.39**	**7.8**	<1.3	<1.3	**0.025 J**	<1.3	<1.3	<1.3	<1.4	<1.3	<1.4
bis(2-Chloroethoxy)methane	NS	NS	<0.95	NA	<0.95	<0.95	<0.97	NA	<0.95	<0.96	<0.96	<1.0	<0.95	<1.0
bis(2-Chloroethyl) ether	NS	NS	<1.5	NA	<1.5	<1.5	<1.5	NA	<1.5	<1.5	<1.5	<1.7	<1.5	<1.6
bis(2-Ethylhexyl)phthalate	NS	NS	<0.66	NA	<0.66	<0.66	<0.67	NA	<0.66	<0.67	<0.67	<0.73	<0.66	<0.72

Notes:

All units are micrograms per liter (µg/l).
All depths are measured in feet below ground surface (ft bgs).
SVOCs analyzed by USEPA Method 8270.

Bold	Value exceeds laboratory detection limit (DL).
Italic	Value exceeds Wisconsin Administrative Code Chapter NR 140 Preventive Action Limit (PAL).
Shaded	Value exceeds Wisconsin Administrative Code Chapter NR 140 Enforcement Standard (ES).
NS	No established standard.
NA	Not analized.

Table A-7
Temporary Well Groundwater Analytical Results - Semi-Volatile Organic Compounds (SVOCs), 910 Mayer Avenue, Madison, Wisconsin.

Parameter / **Sample ID (Depth)** / **Sample Date**	**Ch. NR 140 PAL**	**Ch. NR 140 ES**	**SB-28 11-16'**	**SB-29 3-8'**	**SB-30 15-20'**	**SB-31D 25-30'**	**SB-31S 7-12'**	**SB-32 9.5-14.5'**	**SB-33 3-8'**	**SB-34 7-12'**	**SB-35 11-16'**	**SB-36D 18-28'**	**SB-36S 3-8'**	**SB-37D 20-30'**
Sample Date			**07/26/17**	**07/28/17**	**07/26/17**	**07/26/17**	**07/26/17**	**07/26/17**	**07/28/17**	**07/27/17**	**07/27/17**	**07/27/17**	**07/27/17**	**07/27/17**
1,2,4-Trichlorobenzene	14	70	<2.0	<1.9	<2.0	<2.1	<2.2	<2.2	<2.0	<1.9	<1.9	<1.9	<1.9	<1.9
1,2-Dichlorobenzene	60	600	<1.9	<1.8	<1.9	<2.0	<2.1	<2.1	<1.9	<1.8	<1.8	<1.8	<1.8	<1.8
1,3-Dichlorobenzene	120	600	<1.9	<1.8	<1.9	<2.0	<2.0	<2.0	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8
1,4-Dichlorobenzene	15	75	<1.9	<1.8	<1.9	<2.0	<2.0	<2.0	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8
1-Methylnaphthalene	NS	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,2'-Oxybis(1-chloropropane)	NS	NS	<1.5	<1.5	<1.5	<1.6	<1.6	<1.6	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5
2,4,5-Trichlorophenol	12	60	<0.84	<0.80	<0.84	<0.89	<0.90	<0.90	<0.83	<0.80	<0.80	<0.80	<0.80	<0.80
2,4,6-Trichlorophenol	NS	NS	<2.1	<2.0	<2.1	<2.2	<2.2	<2.2	<2.1	<2.0	<2.0	<2.0	<2.0	<2.0
2,4-Dichlorophenol	7	70	<1.4	<1.3	<1.4	<1.4	<1.5	<1.5	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3
2,4-Dimethylphenol	NS	NS	<1.3	<1.2	<1.3	<1.3	<1.3	<1.3	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2
2,4-Dinitrophenol	NS	NS	<0.71	<0.68	<0.71	<0.75	<0.76	<0.76	<0.70	<0.68	<0.68	<0.68	<0.68	<0.68
2,4-Dinitrotoluene	0.005	0.05	<0.79	<0.75	<0.79	<0.83	<0.84	<0.84	<0.78	<0.75	<0.75	<0.75	<0.75	<0.75
2,6-Dinitrotoluene	0.005	0.05	<0.60	<0.57	<0.60	<0.63	<0.64	<0.64	<0.59	<0.57	<0.57	<0.57	<0.57	<0.57
2-Chloronaphthalene	NS	NS	<1.6	<1.6	<1.6	<1.7	<1.8	<1.8	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6
2-Chlorophenol	NS	NS	<1.2	<1.1	<1.2	<1.2	<1.2	<1.2	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1
2-Methylnaphthalene	NS	NS	<1.5	<1.4	<1.5	<1.6	<1.6	<1.6	<1.5	<1.4	<1.4	<1.4	<1.4	<1.4
2-Methylphenol(o-Cresol)	NS	NS	<0.87	<0.83	<0.87	<0.91	<0.92	<0.92	<0.85	<0.83	<0.83	<0.83	<0.83	<0.83
2-Nitroaniline	NS	NS	<0.77	<0.74	<0.77	<0.81	<0.82	<0.82	<0.76	<0.74	<0.74	<0.74	<0.74	<0.74
2-Nitrophenol	NS	NS	<1.2	<1.1	<1.2	<1.2	<1.2	<1.2	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1
3&4-Methylphenol(m&p Cresol)	NS	NS	<1.6	<1.5	<1.6	<1.6	<1.7	<1.7	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5
3,3'-Dichlorobenzidine	NS	NS	<0.91	<0.86	<0.91	<0.95	<0.96	<0.96	<0.89	<0.86	<0.86	<0.86	<0.86	<0.86
3-Nitroaniline	NS	NS	<0.97	<0.92	<0.97	<1.0	<1.0	<1.0	<0.95	<0.92	<0.92	<0.92	<0.92	<0.92
4,6-Dinitro-2-methylphenol	NS	NS	<0.65	<0.62	<0.65	<0.69	<0.70	<0.70	<0.64	<0.62	<0.62	<0.62	<0.62	<0.62
4-Bromophenylphenyl ether	NS	NS	<2.0	<1.9	<2.0	<2.1	<2.1	<2.1	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
4-Chloro-3-methylphenol	NS	NS	<1.7	<1.6	<1.7	<1.8	<1.8	<1.8	<1.7	<1.6	<1.6	<1.6	<1.6	<1.6
4-Chloroaniline	NS	NS	<1.1	<1.0	<1.1	<1.2	<1.2	<1.2	<1.1	<1.0	<1.0	<1.0	<1.0	<1.0
4-Chlorophenylphenyl ether	NS	NS	<0.82	<0.78	<0.82	<0.86	<0.87	<0.87	<0.80	<0.78	<0.78	<0.78	<0.78	<0.78
4-Nitroaniline	NS	NS	<1.8	<1.7	<1.8	<1.9	<1.9	<1.9	<1.8	<1.7	<1.7	<1.7	<1.7	<1.7
4-Nitrophenol	NS	NS	<1.0	<1.0	<1.0	<1.1	<1.1	<1.1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Acenaphthene	NS	NS	<1.3	<1.3	<1.3	<1.4	<1.4	<1.4	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3
Acenaphthylene	NS	NS	<1.1	<1.0	<1.1	<1.1	<1.1	<1.1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Anthracene	600	3,000	<1.8	<1.7	<1.8	<1.9	<1.9	<1.9	<1.8	<1.7	<1.7	<1.7	<1.7	<1.7
Benzo(a)anthracene	NS	NS	<0.53	<0.51	<0.53	<0.56	<0.57	<0.57	<0.52	<0.51	<0.51	<0.51	<0.51	<0.51
Benzo(a)pyrene	*0.02*	0.2	<1.9	<1.8	<1.9	<2.0	<2.0	<2.0	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8
Benzo(b)fluoranthene	*0.02*	0.2	<0.65	<0.62	<0.65	<0.69	<0.70	<0.70	<0.64	<0.62	<0.62	<0.62	<0.62	<0.62
Benzo(g,h,i)perylene	NS	NS	<0.81	<0.77	<0.81	<0.85	<0.86	<0.86	<0.79	<0.77	<0.77	<0.77	<0.77	<0.77
Benzo(k)fluoranthene	NS	NS	<1.0	<0.95	<1.0	<1.1	<1.1	<1.1	<0.98	<0.95	<0.95	<0.95	<0.95	<0.95
Butylbenzylphthalate	NS	NS	<0.77	<0.74	<0.77	<0.81	<0.82	<0.82	<0.76	<0.74	<0.74	<0.74	<0.74	<0.74
Carbazole	NS	NS	<0.75	<0.71	<0.75	**1.2 J**	<0.80	<0.80	<0.73	<0.71	<0.71	<0.71	<0.71	<0.71
Chrysene	*0.02*	0.2	<1.7	<1.7	<1.7	<1.8	<1.9	<1.9	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7
Di-n-butylphthalate	NS	NS	<2.6	<2.4	<2.6	<2.7	<2.7	<2.7	<2.5	<2.4	<2.4	<2.4	<2.4	<2.4
Di-n-octylphthalate	NS	NS	<1.9	<1.8	<1.9	<2.0	<2.0	<2.0	<1.9	<1.8	<1.8	<1.8	<1.8	<1.8
Dibenz(a,h)anthracene	NS	NS	<1.3	<1.3	<1.3	<1.4	<1.4	<1.4	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3
Dibenzofuran	NS	NS	<0.77	<0.73	<0.77	<0.81	<0.82	<0.82	<0.75	<0.73	<0.73	<0.73	<0.73	<0.73
Diethylphthalate	NS	NS	<1.1	<1.0	<1.1	<1.1	<1.2	<1.2	<1.1	<1.0	<1.0	<1.0	<1.0	<1.0
Dimethylphthalate	NS	NS	<1.9	<1.8	<1.9	<2.0	<2.1	<2.1	<1.9	<1.8	<1.8	<1.8	<1.8	<1.8

Table A-7
Temporary Well Groundwater Analytical Results - Semi-Volatile Organic Compounds (SVOCs), 910 Mayer Avenue, Madison, Wisconsin.

Parameter / **Sample ID (Depth)** / **Sample Date**	**Ch. NR 140 PAL**	**Ch. NR 140 ES**	**SB-28 11-16'** 07/26/17	**SB-29 3-8'** 07/28/17	**SB-30 15-20'** 07/26/17	**SB-31D 25-30'** 07/26/17	**SB-31S 7-12'** 07/26/17	**SB-32 9.5-14.5'** 07/26/17	**SB-33 3-8'** 07/28/17	**SB-34 7-12'** 07/27/17	**SB-35 11-16'** 07/27/17	**SB-36D 18-28'** 07/27/17	**SB-36S 3-8'** 07/27/17	**SB-37D 20-30'** 07/27/17
Fluoranthene	*80*	400	<0.56	<0.54	<0.56	**0.96 J**	<0.60	<0.60	<0.55	<0.54	<0.54	<0.54	<0.54	<0.54
Fluorene	80	400	<0.75	<0.71	<0.75	<0.79	<0.80	<0.80	<0.74	<0.71	<0.71	<0.71	<0.71	<0.71
Hexachloro-1,3-butadiene	NS	NS	<2.5	<2.3	<2.5	<2.6	<2.6	<2.6	<2.4	<2.3	<2.3	<2.3	<2.3	<2.3
Hexachlorobenzene	0.1	1	<1.7	<1.6	<1.7	<1.8	<1.8	<1.8	<1.7	<1.6	<1.6	<1.6	<1.6	<1.6
Hexachlorocyclopentadiene	NS	NS	<0.68	<0.65	<0.68	<0.71	<0.72	<0.72	<0.67	<0.65	<0.65	<0.65	<0.65	<0.65
Hexachloroethane	NS	NS	<2.7	<2.5	<2.7	<2.8	<2.8	<2.8	<2.6	<2.5	<2.5	<2.5	<2.5	<2.5
Indeno(1,2,3-cd)pyrene	NS	NS	<1.5	<1.4	<1.5	<1.6	<1.6	<1.6	<1.5	<1.4	<1.4	<1.4	<1.4	<1.4
Isophorone	NS	NS	<0.73	<0.70	<0.73	<0.77	<0.78	<0.78	<0.72	<0.70	<0.70	<0.70	<0.70	<0.70
N-Nitroso-di-n-propylamine	NS	NS	<0.97	<0.92	<0.97	<1.0	<1.0	<1.0	<0.95	<0.92	<0.92	<0.92	<0.92	<0.92
N-Nitrosodiphenylamine	0.7	7	<3.5	<3.4	<3.5	<3.7	<3.8	<3.8	<3.5	<3.4	<3.4	<3.4	<3.4	<3.4
Naphthalene	*10*	100	<1.9	<1.8	<1.9	<2.0	<2.0	<2.0	<1.9	<1.8	<1.8	<1.8	<1.8	<1.8
Nitrobenzene	NS	NS	<1.5	<1.4	<1.5	<1.5	<1.5	<1.5	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4
Pentachlorophenol	0.1	1	<1.4	<1.4	<1.4	<1.5	<1.5	<1.5	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4
Phenanthrene	NS	NS	<1.8	<1.7	<1.8	<1.9	<1.9	<1.9	<1.8	<1.7	<1.7	<1.7	<1.7	<1.7
Phenol	400	2,000	<0.60	<0.57	<0.60	<0.63	<0.64	<0.64	<0.59	<0.57	<0.57	<0.57	<0.57	<0.57
Pyrene	*50*	250	<1.3	<1.3	<1.3	<1.4	<1.4	<1.4	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3
bis(2-Chloroethoxy)methane	NS	NS	<1.0	<0.95	<1.0	<1.0	<1.1	<1.1	<0.98	<0.95	<0.95	<0.95	<0.95	<0.95
bis(2-Chloroethyl) ether	NS	NS	<1.6	<1.5	<1.6	<1.7	<1.7	<1.7	<1.6	<1.5	<1.5	<1.5	<1.5	<1.5
bis(2-Ethylhexyl)phthalate	NS	NS	<0.69	<0.66	<0.69	<0.73	<0.74	**1.3 J**	**0.86 J**	<0.66	<0.66	**1.8 J**	<0.66	<0.66

Notes:

All units are micrograms per liter (µg/l).
All depths are measured in feet below ground surface (ft bgs).
SVOCs analyzed by USEPA Method 8270.

Bold	Value exceeds laboratory detection limit (DL).
Italic	Value exceeds Wisconsin Administrative Code Chapter NR 140 Preventive Action Limit (PAL).
Shaded	Value exceeds Wisconsin Administrative Code Chapter NR 140 Enforcement Standard (ES).
NS	No established standard.
NA	Not analized.

Table A-7
Temporary Well Groundwater Analytical Results - Semi-Volatile Organic Compounds (SVOCs), 910 Mayer Avenue, Madison, Wisconsin.

Parameter / **Sample ID (Depth)** / **Sample Date**	**Ch. NR 140 PAL**	**Ch. NR 140 ES**	**SB-37S 5-10'** 07/27/17	**SB-38 7-12'** 07/27/17	**SB-41 2-12'** 08/02/17	**SB-42 6-16'** 07/31/17	**SB-43 7-12'** 08/01/17	**SB-44 7-12'** 08/01/17	**SB-45 7-12'** 08/02/17	**SB-46 3-8'** 08/02/17	**SB-47 7-12'** 08/01/17	**SB-48 11-16'** 08/01/17	**SB-49 5-15'** 08/02/17	**SB-50 5-15'** 08/02/17
1,2,4-Trichlorobenzene	14	70	<1.9	<38.8	<1.9	NA	NA	NA	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
1,2-Dichlorobenzene	60	600	<1.8	<36.8	<1.8	NA	NA	NA	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8
1,3-Dichlorobenzene	120	600	<1.8	<35.9	<1.8	NA	NA	NA	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8
1,4-Dichlorobenzene	15	75	<1.8	<35.8	<1.8	NA	NA	NA	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8
1-Methylnaphthalene	NS	NS	NA	NA	NA	**0.032**	<0.0059	**0.0099 J**	NA	NA	NA	NA	NA	NA
2,2'-Oxybis(1-chloropropane)	NS	NS	<1.5	<29.1	<1.5	NA	NA	NA	<1.5	<1.4	<1.4	<1.5	<1.5	<1.5
2,4,5-Trichlorophenol	12	60	<0.80	<16.0	<0.80	NA	NA	NA	<0.80	<0.79	<0.79	<0.80	<0.80	<0.80
2,4,6-Trichlorophenol	NS	NS	<2.0	<40.2	<2.0	NA	NA	NA	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
2,4-Dichlorophenol	7	70	<1.3	<26.0	<1.3	NA	NA	NA	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3
2,4-Dimethylphenol	NS	NS	<1.2	<24.1	<1.2	NA	NA	NA	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2
2,4-Dinitrophenol	NS	NS	<0.68	<13.5	<0.68	NA	NA	NA	<0.68	<0.67	<0.67	<0.68	<0.68	<0.68
2,4-Dinitrotoluene	0.005	0.05	<0.75	<15.1	<0.75	NA	NA	NA	<0.75	<0.75	<0.75	<0.75	<0.75	<0.75
2,6-Dinitrotoluene	0.005	0.05	<0.57	<11.5	<0.57	NA	NA	NA	<0.57	<0.57	<0.57	<0.57	<0.57	<0.57
2-Chloronaphthalene	NS	NS	<1.6	<31.3	<1.6	NA	NA	NA	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6
2-Chlorophenol	NS	NS	<1.1	<22.0	<1.1	NA	NA	NA	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1
2-Methylnaphthalene	NS	NS	<1.4	<28.8	<1.4	**0.046**	<0.0049	<0.0049	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4
2-Methylphenol(o-Cresol)	NS	NS	<0.83	<16.5	<0.83	NA	NA	NA	<0.83	<0.82	<0.82	<0.83	<0.83	<0.83
2-Nitroaniline	NS	NS	<0.74	<14.7	<0.74	NA	NA	NA	<0.74	<0.73	<0.73	<0.74	<0.74	<0.74
2-Nitrophenol	NS	NS	<1.1	<22.2	<1.1	NA	NA	NA	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1
3&4-Methylphenol(m&p Cresol)	NS	NS	<1.5	<29.7	<1.5	NA	NA	NA	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5
3,3'-Dichlorobenzidine	NS	NS	<0.86	<17.2	<0.86	NA	NA	NA	<0.86	<0.85	<0.85	<0.86	<0.86	<0.86
3-Nitroaniline	NS	NS	<0.92	<18.5	<0.92	NA	NA	NA	<0.92	<0.91	<0.91	<0.92	<0.92	<0.92
4,6-Dinitro-2-methylphenol	NS	NS	<0.62	<12.5	<0.62	NA	NA	NA	<0.62	<0.62	<0.62	<0.62	<0.62	<0.62
4-Bromophenylphenyl ether	NS	NS	<1.9	<37.6	<1.9	NA	NA	NA	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
4-Chloro-3-methylphenol	NS	NS	<1.6	<32.1	<1.6	NA	NA	NA	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6
4-Chloroaniline	NS	NS	<1.0	<20.9	<1.0	NA	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
4-Chlorophenylphenyl ether	NS	NS	<0.78	<15.6	<0.78	NA	NA	NA	<0.78	<0.77	<0.77	<0.78	<0.78	<0.78
4-Nitroaniline	NS	NS	<1.7	<34.9	<1.7	NA	NA	NA	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7
4-Nitrophenol	NS	NS	<1.0	<20.0	<1.0	NA	NA	NA	<1.0	<0.99	<0.99	<1.0	<1.0	<1.0
Acenaphthene	NS	NS	<1.3	<25.5	<1.3	**0.0069 J**	**0.013 J**	**0.0077 J**	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3
Acenaphthylene	NS	NS	<1.0	<20.2	<1.0	**0.0066 J**	<0.0050	<0.0050	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Anthracene	600	3,000	<1.7	<34.4	<1.7	<0.0094	**0.012 J**	**0.047 J**	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7
Benzo(a)anthracene	NS	NS	<0.51	<10.2	<0.51	<0.0068	<0.0076	<0.0076	<0.51	<0.50	<0.50	<0.51	<0.51	<0.51
Benzo(a)pyrene	*0.02*	0.2	<1.8	<35.9	<1.8	<0.0095	<0.011	**0.015 J**	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8
Benzo(b)fluoranthene	*0.02*	0.2	<0.62	<12.5	<0.62	**0.013 J**	<0.0057	***0.020 J***	<0.62	***0.64 J***	<0.62	<0.62	<0.62	<0.62
Benzo(g,h,i)perylene	NS	NS	<0.77	<15.4	<0.77	**0.0097 J**	<0.0068	**0.019 J**	**1.1 J**	**0.81 J**	<0.76	<0.77	<0.77	<0.77
Benzo(k)fluoranthene	NS	NS	<0.95	<19.1	<0.95	**0.015 J**	<0.0076	**0.010 J**	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95
Butylbenzylphthalate	NS	NS	<0.74	<14.7	<0.74	NA	NA	NA	<0.74	<0.73	<0.73	<0.74	<0.74	<0.74
Carbazole	NS	NS	<0.71	<14.3	<0.71	NA	NA	NA	<0.71	<0.71	<0.71	<0.71	<0.71	<0.71
Chrysene	*0.02*	0.2	<1.7	<33.1	<1.7	***0.030 J***	<0.013	***0.029 J***	<1.7	<1.6	<1.6	<1.7	<1.7	<1.7
Di-n-butylphthalate	NS	NS	<2.4	<48.8	<2.4	NA	NA	NA	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4
Di-n-octylphthalate	NS	NS	<1.8	<36.0	<1.8	NA	NA	NA	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8
Dibenz(a,h)anthracene	NS	NS	<1.3	<25.2	<1.3	<0.0090	<0.010	<0.010	<1.3	<1.2	<1.2	<1.3	<1.3	<1.3
Dibenzofuran	NS	NS	<0.73	<14.6	<0.73	NA	NA	NA	<0.73	<0.72	<0.72	<0.73	<0.73	<0.73
Diethylphthalate	NS	NS	<1.0	<20.6	<1.0	NA	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Dimethylphthalate	NS	NS	<1.8	<36.8	<1.8	NA	NA	NA	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8

Table A-7
Temporary Well Groundwater Analytical Results - Semi-Volatile Organic Compounds (SVOCs), 910 Mayer Avenue, Madison, Wisconsin.

Parameter / **Sample ID (Depth)** / **Sample Date**	**Ch. NR 140 PAL**	**Ch. NR 140 ES**	**SB-37S 5-10'** 07/27/17	**SB-38 7-12'** 07/27/17	**SB-41 2-12'** 08/02/17	**SB-42 6-16'** 07/31/17	**SB-43 7-12'** 08/01/17	**SB-44 7-12'** 08/01/17	**SB-45 7-12'** 08/02/17	**SB-46 3-8'** 08/02/17	**SB-47 7-12'** 08/01/17	**SB-48 11-16'** 08/01/17	**SB-49 5-15'** 08/02/17	**SB-50 5-15'** 08/02/17
Fluoranthene	*80*	400	<0.54	**12.3 J**	<0.54	**0.031 J**	**0.013 J**	**0.036 J**	<0.54	**0.58 J**	<0.53	<0.54	<0.54	<0.54
Fluorene	80	400	<0.71	<14.3	<0.71	**0.012 J**	<0.0080	**0.010 J**	<0.71	<0.71	<0.71	<0.71	<0.71	<0.71
Hexachloro-1,3-butadiene	NS	NS	<2.3	<46.9	<2.3	NA	NA	NA	<2.3	<2.3	<2.3	<2.3	<2.3	<2.3
Hexachlorobenzene	0.1	1	<1.6	<32.3	<1.6	NA	NA	NA	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6
Hexachlorocyclopentadiene	NS	NS	<0.65	<12.9	<0.65	NA	NA	NA	<0.65	<0.64	<0.64	<0.65	<0.65	<0.65
Hexachloroethane	NS	NS	<2.5	<50.7	<2.5	NA	NA	NA	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
Indeno(1,2,3-cd)pyrene	NS	NS	<1.4	<28.5	<1.4	<0.016	<0.018	<0.018	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4
Isophorone	NS	NS	<0.70	<14.0	<0.70	NA	NA	NA	<0.70	<0.69	<0.69	<0.70	<0.70	<0.70
N-Nitroso-di-n-propylamine	NS	NS	<0.92	<18.5	<0.92	NA	NA	NA	<0.92	<0.92	<0.92	<0.92	<0.92	<0.92
N-Nitrosodiphenylamine	0.7	7	<3.4	<67.2	<3.4	NA	NA	NA	<3.4	<3.3	<3.3	<3.4	<3.4	<3.4
Naphthalene	*10*	100	<1.8	<36.2	<1.8	**0.042 J**	**0.026 J**	**0.031 J**	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8
Nitrobenzene	NS	NS	<1.4	<27.6	<1.4	NA	NA	NA	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4
Pentachlorophenol	0.1	1	<1.4	<27.3	<1.4	NA	NA	NA	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4
Phenanthrene	NS	NS	<1.7	<34.7	<1.7	**0.034 J**	**0.035 J**	**0.064 J**	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7
Phenol	400	2,000	<0.57	<11.4	<0.57	NA*	NA*	NA*	<0.57	<0.57	<0.57	<0.57	<0.57	<0.57
Pyrene	*50*	250	<1.3	<25.7	<1.3	**0.043**	**0.015 J**	**0.038 J**	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3
bis(2-Chloroethoxy)methane	NS	NS	<0.95	<19.0	<0.95	NA	NA	NA	<0.95	<0.94	<0.94	<0.95	<0.95	<0.95
bis(2-Chloroethyl) ether	NS	NS	<1.5	<30.1	<1.5	NA	NA	NA	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5
bis(2-Ethylhexyl)phthalate	NS	NS	**1.8 J**	<13.2	**1.5 J**	NA	NA	NA	**0.82 J**	<0.65	<0.65	**2.1 J**	<0.66	<0.66

Notes:

All units are micrograms per liter (µg/l).
All depths are measured in feet below ground surface (ft bgs).
SVOCs analyzed by USEPA Method 8270.

Bold	Value exceeds laboratory detection limit (DL).
Italic	Value exceeds Wisconsin Administrative Code Chapter NR 140 Preventive Action Limit (PAL).
Shaded	Value exceeds Wisconsin Administrative Code Chapter NR 140 Enforcement Standard (ES).
NS	No established standard.
NA	Not analized.

Table A-7
Temporary Well Groundwater Analytical Results - Semi-Volatile Organic Compounds (SVOCs), 910 Mayer Avenue, Madison, Wisconsin.

Parameter / Sample ID (Depth) / Sample Date	Ch. NR 140 PAL	Ch. NR 140 ES	SB-51 0-5' 08/02/17	SB-52 3-8' 07/28/17	SB-53 0-3' 07/27/17	SB-54 6-16' 09/11/17	SB-55 6-16' 09/11/17	SB-56 5-15' 09/11/17	SB-57 2-12' 09/11/17	SB-58 4-14' 09/11/17	SB-59 3-13' 09/11/17	SB-60 9-19' 09/11/17	SB-61 9-19' 09/11/17	SB-62 10-20' 09/11/17
1,2,4-Trichlorobenzene	14	70	<1.9	NA	<1.9	<2.2	<2.2	<2.2	<2.2	<2.2	<22.1	<2.2	<4.4	<2.2
1,2-Dichlorobenzene	60	600	<1.8	NA	<1.8	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<1.0	<0.50
1,3-Dichlorobenzene	120	600	<1.8	NA	<1.8	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<1.0	<0.50
1,4-Dichlorobenzene	15	75	<1.8	NA	<1.8	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<1.0	<0.50
1-Methylnaphthalene	NS	NS	NA	<0.0057	NA	**0.24**	**1.6**	**0.025 J**	**0.014 J**	**0.012 J**	**41.6**	**0.38**	**0.026 J**	**0.020 J**
2,2'-Oxybis(1-chloropropane)	NS	NS	<1.5	NA	<1.5	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	12	60	<0.80	NA	<0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4,6-Trichlorophenol	NS	NS	<2.0	NA	<2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-Dichlorophenol	7	70	<1.3	NA	<1.3	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-Dimethylphenol	NS	NS	<1.2	NA	<1.2	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-Dinitrophenol	NS	NS	<0.68	NA	<0.68	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-Dinitrotoluene	0.005	0.05	<0.75	NA	<0.75	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,6-Dinitrotoluene	0.005	0.05	<0.57	NA	<0.57	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Chloronaphthalene	NS	NS	<1.6	NA	<1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Chlorophenol	NS	NS	<1.1	NA	<1.1	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene	NS	NS	<1.4	<0.0047	<1.4	**0.26**	**2.1**	**0.032**	**0.014 J**	**0.014 J**	**74.5**	**0.21**	**0.014 J**	**0.013 J**
2-Methylphenol(o-Cresol)	NS	NS	<0.83	NA	<0.83	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Nitroaniline	NS	NS	<0.74	NA	<0.74	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Nitrophenol	NS	NS	<1.1	NA	<1.1	NA	NA	NA	NA	NA	NA	NA	NA	NA
3&4-Methylphenol(m&p Cresol)	NS	NS	<1.5	NA	<1.5	NA	NA	NA	NA	NA	NA	NA	NA	NA
3,3'-Dichlorobenzidine	NS	NS	<0.86	NA	<0.86	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Nitroaniline	NS	NS	<0.92	NA	<0.92	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,6-Dinitro-2-methylphenol	NS	NS	<0.62	NA	<0.62	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Bromophenylphenyl ether	NS	NS	<1.9	NA	<1.9	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Chloro-3-methylphenol	NS	NS	<1.6	NA	<1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Chloroaniline	NS	NS	<1.0	NA	<1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Chlorophenylphenyl ether	NS	NS	<0.78	NA	<0.78	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Nitroaniline	NS	NS	<1.7	NA	<1.7	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Nitrophenol	NS	NS	<1.0	NA	<1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthene	NS	NS	<1.3	**0.014 J**	<1.3	**0.28**	**0.016 J**	**0.049**	**0.023 J**	**0.013 J**	**0.21 J**	**0.032**	**0.022 J**	**0.023 J**
Acenaphthylene	NS	NS	<1.0	<0.0048	<1.0	**0.021 J**	<0.0049	<0.0047	<0.0048	<0.0047	<0.14	<0.0047	<0.0047	<0.0048
Anthracene	600	3,000	<1.7	<0.010	<1.7	**0.21**	<0.010	<0.0098	<0.010	<0.0099	<0.29	<0.0098	**0.014 J**	**0.019 J**
Benzo(a)anthracene	NS	NS	<0.51	**0.26**	<0.51	**0.094**	**0.018 J**	**0.011 J**	**0.023 J**	<0.0071	<0.21	**0.0076 J**	**0.0074 J**	**0.011 J**
Benzo(a)pyrene	*0.02*	0.2	<1.8	***0.39***	<1.8	***0.085***	**0.012 J**	<0.0098	**0.019 J**	<0.0099	<0.29	<0.0098	<0.010	<0.010
Benzo(b)fluoranthene	*0.02*	0.2	<0.62	***0.45***	<0.62	***0.11***	**0.016 J**	**0.0090 J**	***0.023 J***	<0.0054	<0.16	<0.0054	<0.0055	<0.0056
Benzo(g,h,i)perylene	NS	NS	<0.77	**0.27**	<0.77	**0.044**	**0.010 J**	<0.0063	**0.013 J**	<0.0064	<0.19	<0.0063	<0.0065	<0.0066
Benzo(k)fluoranthene	NS	NS	<0.95	**0.24**	<0.95	**0.044**	<0.0075	<0.0071	**0.011 J**	<0.0071	<0.21	<0.0071	<0.0072	<0.0073
Butylbenzylphthalate	NS	NS	<0.74	NA	<0.74	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbazole	NS	NS	<0.71	NA	<0.71	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	*0.02*	0.2	<1.7	***0.48***	<1.7	***0.091***	**0.015 J**	<0.012	***0.021 J***	<0.012	<0.36	<0.012	<0.012	<0.013
Di-n-butylphthalate	NS	NS	<2.4	NA	<2.4	NA	NA	NA	NA	NA	NA	NA	NA	NA
Di-n-octylphthalate	NS	NS	<1.8	NA	<1.8	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenz(a,h)anthracene	NS	NS	<1.3	**0.045 J**	<1.3	**0.015 J**	<0.0099	<0.0094	<0.0096	<0.0095	<0.28	<0.0094	<0.0095	<0.0097
Dibenzofuran	NS	NS	<0.73	NA	<0.73	NA	NA	NA	NA	NA	NA	NA	NA	NA
Diethylphthalate	NS	NS	<1.0	NA	<1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dimethylphthalate	NS	NS	<1.8	NA	<1.8	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table A-7
Temporary Well Groundwater Analytical Results - Semi-Volatile Organic Compounds (SVOCs), 910 Mayer Avenue, Madison, Wisconsin.

Parameter / **Sample ID (Depth)** / **Sample Date**	**Ch. NR 140 PAL**	**Ch. NR 140 ES**	**SB-51 0-5'**	**SB-52 3-8'**	**SB-53 0-3'**	**SB-54 6-16'**	**SB-55 6-16'**	**SB-56 5-15'**	**SB-57 2-12'**	**SB-58 4-14'**	**SB-59 3-13'**	**SB-60 9-19'**	**SB-61 9-19'**	**SB-62 10-20'**
			08/02/17	**07/28/17**	**07/27/17**	**09/11/17**	**09/11/17**	**09/11/17**	**09/11/17**	**09/11/17**	**09/11/17**	**09/11/17**	**09/11/17**	**09/11/17**
Fluoranthene	*80*	400	<0.54	**0.61**	<0.54	**0.30**	**0.034 J**	**0.028 J**	**0.038 J**	**0.012 J**	<0.30	**0.017 J**	**0.020 J**	**0.032 J**
Fluorene	80	400	<0.71	**0.012 J**	<0.71	**0.41**	**0.011 J**	**0.016 J**	**0.010 J**	<0.0075	<0.22	**0.013 J**	**0.013 J**	**0.022 J**
Hexachloro-1,3-butadiene	NS	NS	<2.3	NA	<2.3	<2.1	<2.1	<2.1	<2.1	<2.1	<21.1	<2.1	<4.2	<2.1
Hexachlorobenzene	0.1	1	<1.6	NA	<1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorocyclopentadiene	NS	NS	<0.65	NA	<0.65	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachloroethane	NS	NS	<2.5	NA	<2.5	NA	NA	NA	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	NS	NS	<1.4	**0.20**	<1.4	**0.050 J**	<0.017	<0.016	<0.017	<0.017	<0.49	<0.016	<0.017	<0.017
Isophorone	NS	NS	<0.70	NA	<0.70	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-Nitroso-di-n-propylamine	NS	NS	<0.92	NA	<0.92	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-Nitrosodiphenylamine	0.7	7	<3.4	NA	<3.4	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	*10*	100	<1.8	<0.018	<1.8	**2.6 J**	***32.8***	<2.5	<2.5	<2.5	**486**	**2.6 J**	<5.0	<2.5
Nitrobenzene	NS	NS	<1.4	NA	<1.4	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pentachlorophenol	0.1	1	<1.4	NA	<1.4	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	NS	NS	<1.7	0.21	<1.7	**0.75**	**0.034 J**	**0.038 J**	**0.033 J**	**0.024 J**	<0.38	**0.020 J**	**0.027 J**	**0.094**
Phenol	400	2,000	<0.57	NA	<0.57	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	*50*	250	<1.3	**0.55**	<1.3	**0.23**	**0.032 J**	**0.022 J**	**0.041**	**0.0082 J**	<0.21	**0.013 J**	**0.082**	**0.12**
bis(2-Chloroethoxy)methane	NS	NS	<0.95	NA	<0.95	NA	NA	NA	NA	NA	NA	NA	NA	NA
bis(2-Chloroethyl) ether	NS	NS	<1.5	NA	<1.5	NA	NA	NA	NA	NA	NA	NA	NA	NA
bis(2-Ethylhexyl)phthalate	NS	NS	<0.66	NA	<0.66	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:

All units are micrograms per liter (µg/l).
All depths are measured in feet below ground surface (ft bgs).
SVOCs analyzed by USEPA Method 8270.

Bold	Value exceeds laboratory detection limit (DL).
Italic	Value exceeds Wisconsin Administrative Code Chapter NR 140 Preventive Action Limit (PAL).
Shaded	Value exceeds Wisconsin Administrative Code Chapter NR 140 Enforcement Standard (ES).
NS	No established standard.
NA	Not analized.

Table A-7
Temporary Well Groundwater Analytical Results - Semi-Volatile Organic Compounds (SVOCs), 910 Mayer Avenue, Madison, Wisconsin.

Parameter / Sample ID (Depth) / Sample Date	Ch. NR 140 PAL	Ch. NR 140 ES	SB-63 8-18' 09/11/17	SB-64 3-13' 09/11/17	SB-65 3-13' 09/11/17	SB-66D 17-22' 09/11/17	SB-66S 3-8' 09/11/17	SB-67 17-22' 09/11/17	SB-68D 17-22' 09/11/17	SB-68S 3-8' 09/11/17	SB-69 3-8' 09/11/17
1,2,4-Trichlorobenzene	14	70	<2.2	<2.2	<2.2	<110	<2.2	<2.2	<2.2	<2.2	<2.2
1,2-Dichlorobenzene	60	600	<0.50	<0.50	<0.50	<25.0	<0.50	<0.50	<0.50	<0.50	<0.50
1,3-Dichlorobenzene	120	600	<0.50	<0.50	<0.50	<25.0	<0.50	<0.50	<0.50	<0.50	<0.50
1,4-Dichlorobenzene	15	75	<0.50	<0.50	<0.50	<25.0	<0.50	<0.50	<0.50	<0.50	<0.50
1-Methylnaphthalene	NS	NS	**0.014 J**	NA	NA	NA	NA	NA	NA	NA	NA
2,2'-Oxybis(1-chloropropane)	NS	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	12	60	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4,6-Trichlorophenol	NS	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-Dichlorophenol	7	70	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-Dimethylphenol	NS	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-Dinitrophenol	NS	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-Dinitrotoluene	0.005	0.05	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,6-Dinitrotoluene	0.005	0.05	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Chloronaphthalene	NS	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Chlorophenol	NS	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene	NS	NS	**0.0092 J**	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylphenol(o-Cresol)	NS	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Nitroaniline	NS	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Nitrophenol	NS	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA
3&4-Methylphenol(m&p Cresol)	NS	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA
3,3'-Dichlorobenzidine	NS	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Nitroaniline	NS	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,6-Dinitro-2-methylphenol	NS	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Bromophenylphenyl ether	NS	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Chloro-3-methylphenol	NS	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Chloroaniline	NS	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Chlorophenylphenyl ether	NS	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Nitroaniline	NS	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Nitrophenol	NS	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthene	NS	NS	**0.0082 J**	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthylene	NS	NS	<0.0048	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	600	3,000	<0.010	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	NS	NS	<0.0073	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	*0.02*	0.2	<0.010	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	*0.02*	0.2	<0.0056	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	NS	NS	<0.0066	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	NS	NS	<0.0073	NA	NA	NA	NA	NA	NA	NA	NA
Butylbenzylphthalate	NS	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbazole	NS	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	*0.02*	0.2	<0.013	NA	NA	NA	NA	NA	NA	NA	NA
Di-n-butylphthalate	NS	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA
Di-n-octylphthalate	NS	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenz(a,h)anthracene	NS	NS	<0.0097	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzofuran	NS	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA
Diethylphthalate	NS	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dimethylphthalate	NS	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table A-7
Temporary Well Groundwater Analytical Results - Semi-Volatile Organic Compounds (SVOCs), 910 Mayer Avenue, Madison, Wisconsin.

Parameter / **Sample ID (Depth)** / **Sample Date**	**Ch. NR 140 PAL**	**Ch. NR 140 ES**	**SB-63 8-18'**	**SB-64 3-13'**	**SB-65 3-13'**	**SB-66D 17-22'**	**SB-66S 3-8'**	**SB-67 17-22'**	**SB-68D 17-22'**	**SB-68S 3-8'**	**SB-69 3-8'**
			09/11/17	**09/11/17**	**09/11/17**	**09/11/17**	**09/11/17**	**09/11/17**	**09/11/17**	**09/11/17**	**09/11/17**
Fluoranthene	*80*	400	<0.010	NA	NA	NA	NA	NA	NA	NA	NA
Fluorene	80	400	<0.0077	NA	NA	NA	NA	NA	NA	NA	NA
Hexachloro-1,3-butadiene	NS	NS	<2.1	<2.1	<2.1	<105	<2.1	<2.1	<2.1	<2.1	<2.1
Hexachlorobenzene	0.1	1	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorocyclopentadiene	NS	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachloroethane	NS	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	NS	NS	<0.017	NA	NA	NA	NA	NA	NA	NA	NA
Isophorone	NS	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-Nitroso-di-n-propylamine	NS	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-Nitrosodiphenylamine	0.7	7	*NA*	*NA*	*NA*	*NA*	*NA*	*NA*	*NA*	*NA*	*NA*
Naphthalene	*10*	100	<2.5	<2.5	<2.5	<125	<2.5	<2.5	<2.5	<2.5	**3.0 J**
Nitrobenzene	NS	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pentachlorophenol	0.1	1	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	NS	NS	<0.013	NA	NA	NA	NA	NA	NA	NA	NA
Phenol	400	2,000	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	*50*	250	<0.0074	NA	NA	NA	NA	NA	NA	NA	NA
bis(2-Chloroethoxy)methane	NS	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA
bis(2-Chloroethyl) ether	NS	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA
bis(2-Ethylhexyl)phthalate	NS	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:
All units are micrograms per liter (µg/l).
All depths are measured in feet below ground surface (ft bgs).
SVOCs analyzed by USEPA Method 8270.

Bold	Value exceeds laboratory detection limit (DL).
Italic	Value exceeds Wisconsin Administrative Code Chapter NR 140 Preventive Action Limit (PAL).
Shaded	Value exceeds Wisconsin Administrative Code Chapter NR 140 Enforcement Standard (ES).
NS	No established standard.
NA	Not analized.

Table A-8
Temporary Well Groundwater Analytical Results - Metals, 910 Mayer Avenue Madison, Wisconsin.

Parameter	Ch. NR 140 PAL	Ch. NR 140 ES	SB-3 3-13' 07/31/17	SB-4 7-12' 07/31/17	SB-5 3-8' 07/31/17	SB-8 5-15' 08/01/17	SB-9 3-13' 08/02/17	SB-10 3-8' 07/28/17	SB-11 3-8' 07/31/17	SB-12 3-8' 08/02/17	SB-13 3-8' 07/28/17	SB-14 3-8' 07/28/17	SB-15 3-8' 07/28/17	SB-17 5-15' 08/02/17	SB-18 5-15' 07/28/17	SB-19 3-8' 07/31/17	SB-20 7-12' 07/31/17	SB-21 5-15 07/31/17	SB-22 6-16' 07/31/17	SB-23 11-16' 07/31/17	SB-24 6-16' 08/01/17
Arsenic	*1*	10	NA	NA	NA	NA	NA	NA	NA	***81.2***	NA	***29.6***	***8.4 J***	***40.9***	NA	***13.5 J***	***11.3 J***	***21.4 J***	NA	***85.0***	***31.0***
Barium	*400*	2,000	NA	NA	NA	NA	NA	NA	NA	**174**	NA	**213**	**124**	***501***	NA	***432***	**164**	**226**	NA	**1,070**	***490***
Cadmium	*0.5*	5	NA	NA	NA	NA	NA	NA	NA	<1.3	NA	<1.3	<1.3	<1.3	NA	<1.3	<1.3	***2.6 J***	NA	<1.3	<1.3
Chromium (total)	*10*	100	NA	NA	NA	NA	NA	NA	NA	<2.5	NA	***19.5***	***7.3 J***	***37.6***	NA	***35.5***	**6.8 J**	***40.5***	NA	***79.1***	***108***
Lead	*1.5*	15	***370***	***123***	***29.8***	***76.4***	***441***	***70.7***	***54.9***	***6.9 J***	***67.6***	***26.9***	***11.5 J***	***25.5***	***2,670***	***226***	<4.3	***50.8***	***157***	***41.1***	***34.8***
Selenium	10	50	NA	NA	NA	NA	NA	NA	NA	<16.6	NA	<16.6	<16.6	<16.6	NA	<16.6	<16.6	<16.6	NA	<16.6	<16.6
Silver	10	50	NA	NA	NA	NA	NA	NA	NA	<3.3	NA	<3.3	<3.3	<3.3	NA	<3.3	<3.3	<3.3	NA	<3.3	<3.3
Mercury	0.2	2	NA	NA	NA	NA	NA	NA	NA	<0.13	NA	<0.13	<0.13	<0.13	NA	<0.13	<0.13	<0.13	NA	<0.13	<0.13

Notes:

All units are micrograms per liter (µg/l).
All depths are measured in feet below ground surface (ft bgs).
Metals analyzed by USEPA Method 6010 (Mercury by EPA Method 7470).

Bold	Value exceeds laboratory detection limit (DL).
Italic	Value exceeds Wisconsin Administrative Code Chapter NR 140 Preventive Action Limit (PAL).
Shaded	Value exceeds Wisconsin Administrative Code Chapter NR 140 Enforcement Standard (ES).
NS	No established standard.
NA	Not analized.

Table A-8
Temporary Well Groundwater Analytical Results - Metals, 910 Mayer Avenue Madison, Wisconsin.

Parameter	Ch. NR 140 PAL	Ch. NR 140 ES	SB-25 10-20'	SB-26 0-5'	SB-27D 20-30'	SB-27S 5-10'	SB-28 11-16'	SB-29 3-8'	SB-30 15-20'	SB-31D 25-30'	SB-31S 7-12'	SB-32 9.5-14.5'	SB-33 3-8'	SB-34 7-12'	SB-35 11-16'	SB-36D 18-28'	SB-36S 3-8'	SB-37D 20-30'	SB-37S 5-10'	SB-38 7-12'	SB-41 2-12'
			08/01/17	07/26/17	07/27/17	07/26/17	07/26/17	07/28/17	07/26/17	07/26/17	07/26/17	07/26/17	07/28/17	07/27/17	07/27/17	07/27/17	07/27/17	07/27/17	07/27/17	07/27/17	08/02/17
Arsenic	*1*	10	***21.5 J***	***49.9***	***19.3 J***	***9.3 J***	<8.3	<8.3	<8.3	***143***	***155***	<8.3	<8.3	<8.3	***35.3***	***25.8***	***36.2***	***19.8 J***	***17.6 J***	***51.5***	***23.3 J***
Barium	*400*	2,000	***473***	***1,290***	**298**	***407***	**320**	**343**	**92.4**	***1,920***	***1,360***	**300**	**340**	**125**	**362**	**316**	**288**	**124**	**93.4**	**279**	**322**
Cadmium	*0.5*	5	<1.3	***21.8***	<1.3	***2.2 J***	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	***1.9 J***
Chromium (total)	*10*	100	***33.6***	***117***	***67.0***	***26.1***	**9.8 J**	***11.8***	**9.1 J**	***372***	***229***	***67.2***	***14.2***	**7.0 J**	***15.6***	***64.0***	***58.0***	***180***	**5.4 J**	**3.2 J**	***122***
Lead	*1.5*	15	***14.4***	***1,390***	***117***	***259***	***8.9 J***	***271***	<4.3	***148***	***89.2***	***30.7***	***11.2 J***	<4.3	***20.5***	***38.8***	***21.6***	***29.8***	***7.5 J***	<4.3	***121***
Selenium	10	50	<16.6	<16.6	<16.6	<16.6	<16.6	<16.6	<16.6	<16.6	<16.6	<16.6	<16.6	<16.6	<16.6	<16.6	<16.6	<16.6	<16.6	<16.6	<16.6
Silver	10	50	<3.3	<3.3	<3.3	<3.3	<3.3	<3.3	<3.3	<3.3	<3.3	<3.3	<3.3	<3.3	<3.3	<3.3	<3.3	<3.3	<3.3	<3.3	<3.3
Mercury	0.2	2	<0.13	***2.1***	<0.13	***0.65***	<0.13	<0.13	<0.13	***0.34 J***	**0.18 J**	<0.13	<0.13	<0.13	<0.13	<0.13	**0.18 J**	<0.13	<0.13	<0.13	<0.13

Notes:

All units are micrograms per liter (µg/l).
All depths are measured in feet below ground surface (ft bgs).
Metals analyzed by USEPA Method 6010 (Mercury by EPA Method 7470).

Bold	Value exceeds laboratory detection limit (DL).
Italic	Value exceeds Wisconsin Administrative Code Chapter NR 140 Preventive Action Limit (PAL).
Shaded	Value exceeds Wisconsin Administrative Code Chapter NR 140 Enforcement Standard (ES).
NS	No established standard.
NA	Not analized.

Table A-8
Temporary Well Groundwater Analytical Results - Metals, 910 Mayer Avenue Madison, Wisconsin.

Parameter	Ch. NR 140 PAL	Ch. NR 140 ES	SB-42 6-16' 07/31/17	SB-43 7-12' 08/01/17	SB-44 7-12' 08/01/17	SB-45 7-12' 08/02/17	SB-46 3-8' 08/02/17	SB-47 7-12' 08/01/17	SB-48 11-16' 08/01/17	SB-49 5-15' 08/02/17	SB-50 5-15' 08/02/17	SB-51 0-5' 08/02/17	SB-52 3-8' 07/28/17	SB-53 0-3' 07/27/17	SB-54 6-16' 09/11/17	SB-55 6-16' 09/11/17	SB-56 5-15' 09/11/17	SB-57 2-12' 09/11/17	SB-58 4-14' 09/11/17	SB-59 3-13' 09/11/17	SB-60 9-19' 09/11/17
Arsenic	*1*	10	NA	NA	NA	***22.5 J***	<8.3	***20.1 J***	***25.8***	***24.6 J***	***19.8 J***	<8.3	NA	<8.3	NA	NA	NA	NA	NA	NA	NA
Barium	*400*	2,000	NA	NA	NA	***2,100***	**175**	**389**	**239**	***434***	***455***	**49.0**	NA	155	NA	NA	NA	NA	NA	NA	NA
Cadmium	*0.5*	5	NA	NA	NA	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	NA	<1.3	NA	NA	NA	NA	NA	NA	NA
Chromium (total)	*10*	100	NA	NA	NA	***27.4***	**9.0 J**	**8.4 J**	***61.5***	***180***	***151***	<2.5	NA	4.8 J	NA	NA	NA	NA	NA	NA	NA
Lead	*1.5*	15	*<4.3*	***14.3***	*<4.3*	***53.6***	***38.2***	***10.8 J***	***44.7***	***51.7***	***39.0***	*<4.3*	***18.9***	*<4.3*	***1,140***	***956***	***19.7***	***154***	***130***	***163***	***358***
Selenium	10	50	NA	NA	NA	<16.6	<16.6	<16.6	<16.6	<16.6	<16.6	<16.6	NA	<16.6	NA	NA	NA	NA	NA	NA	NA
Silver	10	50	NA	NA	NA	<3.3	<3.3	<3.3	<3.3	<3.3	<3.3	<3.3	NA	<3.3	NA	NA	NA	NA	NA	NA	NA
Mercury	0.2	2	NA	NA	NA	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	NA	<0.13	NA	NA	NA	NA	NA	NA	NA

Notes:

All units are micrograms per liter (µg/l).
All depths are measured in feet below ground surface (ft bgs).
Metals analyzed by USEPA Method 6010 (Mercury by EPA Method 7470).

Bold	Value exceeds laboratory detection limit (DL).
Italic	Value exceeds Wisconsin Administrative Code Chapter NR 140 Preventive Action Limit (PAL).
Shaded	Value exceeds Wisconsin Administrative Code Chapter NR 140 Enforcement Standard (ES).
NS	No established standard.
NA	Not analized.

Table A-8
Temporary Well Groundwater Analytical Results - Metals, 910 Mayer Avenue Madison, Wisconsin.

Parameter	Ch. NR 140 PAL	Ch. NR 140 ES	SB-61 9-19'	SB-62 10-20'	SB-63 8-18'	SB-64 3-13'	SB-65 3-13'	SB-66D 17-22'	SB-66S 3-8'	SB-67 17-22'	SB-68D 17-22'	SB-68S 3-8'	SB-69 3-8'	SB-15D 15-20'
			09/11/17	09/11/17	09/11/17	09/11/17	09/11/17	09/11/17	09/11/17	09/11/17	09/11/17	09/11/17	09/11/17	09/11/17
Arsenic	*1*	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Barium	*400*	2,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	*0.5*	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium (total)	*10*	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	*1.5*	15	***219***	***479***	***495***	*NA*	*NA*	*NA*	*NA*	*NA*	*NA*	*NA*	*NA*	*NA*
Selenium	10	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver	10	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	0.2	2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:

All units are micrograms per liter (µg/l).
All depths are measured in feet below ground surface (ft bgs).
Metals analyzed by USEPA Method 6010 (Mercury by EPA Method 7470).

Bold	Value exceeds laboratory detection limit (DL).
Italic	Value exceeds Wisconsin Administrative Code Chapter NR 140 Preventive Action Limit (PAL).
Shaded	Value exceeds Wisconsin Administrative Code Chapter NR 140 Enforcement Standard (ES).
NS	No established standard.
NA	Not analized.

APPENDIX B ERM PHASE II ESA LABORATORY REPORTS (OCTOBER 2017)

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

August 08, 2017

Andrew DeWitt
ERM
3352 128th. Ave.
Holland, MI 49424

RE: Project: 0403363 Kraft Heinz Foods Co
Pace Project No.: 10398363

Dear Andrew DeWitt:
Enclosed are the analytical results for sample(s) received by the laboratory on August 05, 2017. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Carolynne Trout

Carolynne Trout
carolynne.trout@pacelabs.com
1(612)607-6351
Project Manager

Enclosures

cc: Stephen Hoekwater, ERM

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without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

CERTIFICATIONS

Project: 0403363 Kraft Heinz Foods Co
Pace Project No.: 10398363

Minnesota Certification IDs
1700 Elm Street SE, Suite 200, Minneapolis, MN 55414-2485
A2LA Certification #: 2926.01
Alabama Certification #: 40770
Alaska Contaminated Sites Certification #: UST-078
Alaska DW Certification #: MN00064
Arizona Certification #: AZ0014
Arkansas Certification #: 88-0680
California Certification #: MN00064
CNMI Saipan Certification #:MP0003
Colorado Certification #: MN00064
Connecticut Certification #: PH-0256
EPA Region 8+Wyoming Certification #: via MN 027-053-137
Florida Certification #: E87605
Georgia Certification #: 959
Guam EPA Certification #: MN00064
Hawaii Certification #: MN00064
Idaho Certification #: MN00064
Illinois Certification #: 200011
Indiana Certification #: C-MN-01
Iowa Certification #: 368
Kansas Certification #: E-10167
Kentucky DW Certification #: 90062
Kentucky WW Certification #: 90062
Louisiana DEQ Certification #: 03086
Louisiana DW Certification #: MN00064
Maine Certification #: MN00064
Maryland Certification #: 322
Massachusetts Certification #: M-MN064
Michigan Certification #: 9909
Minnesota Certification #: 027-053-137
Mississippi Certification #: MN00064
Montana Certification #: CERT0092
Nebraska Certification #: NE-OS-18-06
Nevada Certification #: MN00064
New Hampshire Certification #: 2081
New Jersey Certification #: MN002
New York Certification #: 11647
North Carolina DW Certification #: 27700
North Carolina WW Certification #: 530
North Dakota Certification #: R-036
Ohio DW Certification #: 41244
Ohio VAP Certification #: CL101
Oklahoma Certification #: 9507
Oregon NwTPH Certification #: MN300001
Oregon Secondary Certification #: MN200001
Pennsylvania Certification #: 68-00563
Puerto Rico Certification #: MN00064
South Carolina Certification #:74003001
Tennessee Certification #: TN02818
Texas Certification #: T104704192
Utah Certification #: MN00064
Virginia Certification #: 460163
Washington Certification #: C486
West Virginia DW Certification #: 9952 C
West Virginia DEP Certification #: 382
Wisconsin Certification #: 999407970
Wyoming via EPA Region 8 Certification #: 8TMS-L

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SAMPLE SUMMARY

Project: 0403363 Kraft Heinz Foods Co
Pace Project No.: 10398363

Lab ID	Sample ID	Matrix	Date Collected	Date Received
10398363001	**VP-10**	Air	08/02/17 09:34	08/05/17 09:05
10398363002	**VP-9**	Air	08/02/17 10:07	08/05/17 09:05
10398363003	**VP-7**	Air	08/02/17 10:56	08/05/17 09:05
10398363004	**VP-8**	Air	08/02/17 12:08	08/05/17 09:05
10398363005	**VP-2**	Air	08/02/17 12:44	08/05/17 09:05
10398363006	**VP-3**	Air	08/02/17 13:11	08/05/17 09:05
10398363007	**VP-4**	Air	08/02/17 14:53	08/05/17 09:05
10398363008	**VP-5**	Air	08/02/17 15:28	08/05/17 09:05
10398363009	**VP-1**	Air	08/02/17 16:04	08/05/17 09:05
10398363010	**VP-6**	Air	08/02/17 16:35	08/05/17 09:05

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SAMPLE ANALYTE COUNT

Project: 0403363 Kraft Heinz Foods Co
Pace Project No.: 10398363

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
10398363001	**VP-10**	TO-15	MJL	61	PASI-M
10398363002	**VP-9**	TO-15	MJL	61	PASI-M
10398363003	**VP-7**	TO-15	MJL	61	PASI-M
10398363004	**VP-8**	TO-15	MJL	61	PASI-M
10398363005	**VP-2**	TO-15	MJL	61	PASI-M
10398363006	**VP-3**	TO-15	MJL	61	PASI-M
10398363007	**VP-4**	TO-15	MJL	61	PASI-M
10398363008	**VP-5**	TO-15	MJL	61	PASI-M
10398363009	**VP-1**	TO-15	MJL	61	PASI-M
10398363010	**VP-6**	TO-15	MJL	61	PASI-M

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ANALYTICAL RESULTS

Project: 0403363 Kraft Heinz Foods Co
Pace Project No.: 10398363

Sample: VP-10 **Lab ID: 10398363001** Collected: 08/02/17 09:34 Received: 08/05/17 09:05 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15								
Acetone	**120**	ug/m3	4.3	0.54	1.8		08/07/17 13:57	67-64-1	
Benzene	**2.6**	ug/m3	0.58	0.072	1.8		08/07/17 13:57	71-43-2	
Benzyl chloride	**<0.081**	ug/m3	1.9	0.081	1.8		08/07/17 13:57	100-44-7	
Bromodichloromethane	**<0.060**	ug/m3	2.4	0.060	1.8		08/07/17 13:57	75-27-4	
Bromoform	**<0.070**	ug/m3	3.8	0.070	1.8		08/07/17 13:57	75-25-2	
Bromomethane	**<0.095**	ug/m3	1.4	0.095	1.8		08/07/17 13:57	74-83-9	
1,3-Butadiene	**<0.083**	ug/m3	0.81	0.083	1.8		08/07/17 13:57	106-99-0	
2-Butanone (MEK)	**107**	ug/m3	5.4	0.12	1.8		08/07/17 13:57	78-93-3	
Carbon disulfide	**22.1**	ug/m3	1.1	0.056	1.8		08/07/17 13:57	75-15-0	
Carbon tetrachloride	**<0.083**	ug/m3	1.2	0.083	1.8		08/07/17 13:57	56-23-5	
Chlorobenzene	**<0.069**	ug/m3	1.7	0.069	1.8		08/07/17 13:57	108-90-7	
Chloroethane	**<0.14**	ug/m3	0.97	0.14	1.8		08/07/17 13:57	75-00-3	
Chloroform	**9.8**	ug/m3	0.89	0.075	1.8		08/07/17 13:57	67-66-3	
Chloromethane	**0.97**	ug/m3	0.76	0.091	1.8		08/07/17 13:57	74-87-3	
Cyclohexane	**3.2**	ug/m3	1.3	0.080	1.8		08/07/17 13:57	110-82-7	
Dibromochloromethane	**<0.068**	ug/m3	3.1	0.068	1.8		08/07/17 13:57	124-48-1	
1,2-Dibromoethane (EDB)	**<0.068**	ug/m3	2.8	0.068	1.8		08/07/17 13:57	106-93-4	
1,2-Dichlorobenzene	**<0.055**	ug/m3	2.2	0.055	1.8		08/07/17 13:57	95-50-1	
1,3-Dichlorobenzene	**<0.042**	ug/m3	2.2	0.042	1.8		08/07/17 13:57	541-73-1	
1,4-Dichlorobenzene	**<0.060**	ug/m3	2.2	0.060	1.8		08/07/17 13:57	106-46-7	
Dichlorodifluoromethane	**1.5J**	ug/m3	1.8	0.15	1.8		08/07/17 13:57	75-71-8	
1,1-Dichloroethane	**<0.093**	ug/m3	1.5	0.093	1.8		08/07/17 13:57	75-34-3	
1,2-Dichloroethane	**<0.082**	ug/m3	0.74	0.082	1.8		08/07/17 13:57	107-06-2	
1,1-Dichloroethene	**<0.11**	ug/m3	1.5	0.11	1.8		08/07/17 13:57	75-35-4	
cis-1,2-Dichloroethene	**<0.097**	ug/m3	1.5	0.097	1.8		08/07/17 13:57	156-59-2	
trans-1,2-Dichloroethene	**<0.087**	ug/m3	1.5	0.087	1.8		08/07/17 13:57	156-60-5	
1,2-Dichloropropane	**<0.085**	ug/m3	1.7	0.085	1.8		08/07/17 13:57	78-87-5	
cis-1,3-Dichloropropene	**<0.034**	ug/m3	1.7	0.034	1.8		08/07/17 13:57	10061-01-5	
trans-1,3-Dichloropropene	**<0.055**	ug/m3	1.7	0.055	1.8		08/07/17 13:57	10061-02-6	
Dichlorotetrafluoroethane	**<0.11**	ug/m3	2.6	0.11	1.8		08/07/17 13:57	76-14-2	
Ethanol	**44.0**	ug/m3	1.7	0.44	1.8		08/07/17 13:57	64-17-5	
Ethyl acetate	**<0.083**	ug/m3	1.3	0.083	1.8		08/07/17 13:57	141-78-6	
Ethylbenzene	**6.9**	ug/m3	1.6	0.070	1.8		08/07/17 13:57	100-41-4	
4-Ethyltoluene	**3.5**	ug/m3	1.8	0.054	1.8		08/07/17 13:57	622-96-8	
n-Heptane	**6.5**	ug/m3	1.5	0.091	1.8		08/07/17 13:57	142-82-5	
Hexachloro-1,3-butadiene	**<0.068**	ug/m3	9.8	0.068	1.8		08/07/17 13:57	87-68-3	
n-Hexane	**3.3**	ug/m3	1.3	0.075	1.8		08/07/17 13:57	110-54-3	
2-Hexanone	**14.3**	ug/m3	7.5	0.097	1.8		08/07/17 13:57	591-78-6	
Methylene Chloride	**6.3J**	ug/m3	6.4	0.78	1.8		08/07/17 13:57	75-09-2	
4-Methyl-2-pentanone (MIBK)	**4.6J**	ug/m3	7.5	0.10	1.8		08/07/17 13:57	108-10-1	
Methyl-tert-butyl ether	**<0.15**	ug/m3	6.6	0.15	1.8		08/07/17 13:57	1634-04-4	
Naphthalene	**<0.20**	ug/m3	4.8	0.20	1.8		08/07/17 13:57	91-20-3	
2-Propanol	**19.6**	ug/m3	4.5	0.25	1.8		08/07/17 13:57	67-63-0	
Propylene	**<0.11**	ug/m3	0.63	0.11	1.8		08/07/17 13:57	115-07-1	
Styrene	**<0.057**	ug/m3	1.6	0.057	1.8		08/07/17 13:57	100-42-5	
1,1,2,2-Tetrachloroethane	**<0.068**	ug/m3	1.3	0.068	1.8		08/07/17 13:57	79-34-5	

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ANALYTICAL RESULTS

Project: 0403363 Kraft Heinz Foods Co
Pace Project No.: 10398363

Sample: VP-10 **Lab ID: 10398363001** Collected: 08/02/17 09:34 Received: 08/05/17 09:05 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15								
Tetrachloroethene	**5550**	ug/m3	97.4	5.9	141.3		08/08/17 13:25	127-18-4	
Tetrahydrofuran	**21.6**	ug/m3	1.1	0.063	1.8		08/07/17 13:57	109-99-9	
Toluene	**12.0**	ug/m3	1.4	0.070	1.8		08/07/17 13:57	108-88-3	
1,2,4-Trichlorobenzene	**<0.23**	ug/m3	6.8	0.23	1.8		08/07/17 13:57	120-82-1	
1,1,1-Trichloroethane	**73.6**	ug/m3	2.0	0.11	1.8		08/07/17 13:57	71-55-6	
1,1,2-Trichloroethane	**<0.073**	ug/m3	0.99	0.073	1.8		08/07/17 13:57	79-00-5	
Trichloroethene	**89.9**	ug/m3	0.99	0.067	1.8		08/07/17 13:57	79-01-6	
Trichlorofluoromethane	**170**	ug/m3	2.1	0.13	1.8		08/07/17 13:57	75-69-4	
1,1,2-Trichlorotrifluoroethane	**<0.083**	ug/m3	2.9	0.083	1.8		08/07/17 13:57	76-13-1	
1,2,4-Trimethylbenzene	**16.2**	ug/m3	1.8	0.062	1.8		08/07/17 13:57	95-63-6	
1,3,5-Trimethylbenzene	**5.2**	ug/m3	1.8	0.085	1.8		08/07/17 13:57	108-67-8	
Vinyl acetate	**1.4**	ug/m3	1.3	0.065	1.8		08/07/17 13:57	108-05-4	
Vinyl chloride	**<0.087**	ug/m3	0.47	0.087	1.8		08/07/17 13:57	75-01-4	
m&p-Xylene	**16.1**	ug/m3	3.2	0.14	1.8		08/07/17 13:57	179601-23-1	
o-Xylene	**7.2**	ug/m3	1.6	0.072	1.8		08/07/17 13:57	95-47-6	

Sample: VP-9 **Lab ID: 10398363002** Collected: 08/02/17 10:07 Received: 08/05/17 09:05 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15								
Acetone	**56.0**	ug/m3	4.2	0.52	1.74		08/07/17 14:32	67-64-1	
Benzene	**2.4**	ug/m3	0.57	0.069	1.74		08/07/17 14:32	71-43-2	
Benzyl chloride	**<0.078**	ug/m3	1.8	0.078	1.74		08/07/17 14:32	100-44-7	
Bromodichloromethane	**<0.058**	ug/m3	2.4	0.058	1.74		08/07/17 14:32	75-27-4	
Bromoform	**<0.068**	ug/m3	3.7	0.068	1.74		08/07/17 14:32	75-25-2	
Bromomethane	**<0.092**	ug/m3	1.4	0.092	1.74		08/07/17 14:32	74-83-9	
1,3-Butadiene	**<0.080**	ug/m3	0.78	0.080	1.74		08/07/17 14:32	106-99-0	
2-Butanone (MEK)	**70.7**	ug/m3	5.2	0.12	1.74		08/07/17 14:32	78-93-3	
Carbon disulfide	**6.3**	ug/m3	1.1	0.054	1.74		08/07/17 14:32	75-15-0	
Carbon tetrachloride	**<0.080**	ug/m3	1.1	0.080	1.74		08/07/17 14:32	56-23-5	
Chlorobenzene	**<0.066**	ug/m3	1.6	0.066	1.74		08/07/17 14:32	108-90-7	
Chloroethane	**<0.13**	ug/m3	0.94	0.13	1.74		08/07/17 14:32	75-00-3	
Chloroform	**0.52J**	ug/m3	0.86	0.073	1.74		08/07/17 14:32	67-66-3	
Chloromethane	**<0.088**	ug/m3	0.73	0.088	1.74		08/07/17 14:32	74-87-3	
Cyclohexane	**4.5**	ug/m3	1.2	0.077	1.74		08/07/17 14:32	110-82-7	
Dibromochloromethane	**<0.066**	ug/m3	3.0	0.066	1.74		08/07/17 14:32	124-48-1	
1,2-Dibromoethane (EDB)	**<0.066**	ug/m3	2.7	0.066	1.74		08/07/17 14:32	106-93-4	
1,2-Dichlorobenzene	**<0.053**	ug/m3	2.1	0.053	1.74		08/07/17 14:32	95-50-1	
1,3-Dichlorobenzene	**<0.041**	ug/m3	2.1	0.041	1.74		08/07/17 14:32	541-73-1	
1,4-Dichlorobenzene	**<0.058**	ug/m3	2.1	0.058	1.74		08/07/17 14:32	106-46-7	
Dichlorodifluoromethane	**4.6**	ug/m3	1.8	0.14	1.74		08/07/17 14:32	75-71-8	
1,1-Dichloroethane	**<0.090**	ug/m3	1.4	0.090	1.74		08/07/17 14:32	75-34-3	
1,2-Dichloroethane	**<0.080**	ug/m3	0.71	0.080	1.74		08/07/17 14:32	107-06-2	

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ANALYTICAL RESULTS

Project: 0403363 Kraft Heinz Foods Co
Pace Project No.: 10398363

Sample: VP-9 **Lab ID: 10398363002** Collected: 08/02/17 10:07 Received: 08/05/17 09:05 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15								
1,1-Dichloroethene	**<0.10**	ug/m3	1.4	0.10	1.74		08/07/17 14:32	75-35-4	
cis-1,2-Dichloroethene	**<0.093**	ug/m3	1.4	0.093	1.74		08/07/17 14:32	156-59-2	
trans-1,2-Dichloroethene	**<0.084**	ug/m3	1.4	0.084	1.74		08/07/17 14:32	156-60-5	
1,2-Dichloropropane	**<0.082**	ug/m3	1.6	0.082	1.74		08/07/17 14:32	78-87-5	
cis-1,3-Dichloropropene	**<0.033**	ug/m3	1.6	0.033	1.74		08/07/17 14:32	10061-01-5	
trans-1,3-Dichloropropene	**<0.053**	ug/m3	1.6	0.053	1.74		08/07/17 14:32	10061-02-6	
Dichlorotetrafluoroethane	**<0.11**	ug/m3	2.5	0.11	1.74		08/07/17 14:32	76-14-2	
Ethanol	**45.8**	ug/m3	1.7	0.42	1.74		08/07/17 14:32	64-17-5	
Ethyl acetate	**<0.080**	ug/m3	1.3	0.080	1.74		08/07/17 14:32	141-78-6	
Ethylbenzene	**27.0**	ug/m3	1.5	0.068	1.74		08/07/17 14:32	100-41-4	
4-Ethyltoluene	**6.7**	ug/m3	1.7	0.052	1.74		08/07/17 14:32	622-96-8	
n-Heptane	**8.9**	ug/m3	1.4	0.088	1.74		08/07/17 14:32	142-82-5	
Hexachloro-1,3-butadiene	**<0.066**	ug/m3	9.4	0.066	1.74		08/07/17 14:32	87-68-3	
n-Hexane	**2.9**	ug/m3	1.3	0.073	1.74		08/07/17 14:32	110-54-3	
2-Hexanone	**8.2**	ug/m3	7.2	0.094	1.74		08/07/17 14:32	591-78-6	
Methylene Chloride	**6.2**	ug/m3	6.1	0.75	1.74		08/07/17 14:32	75-09-2	
4-Methyl-2-pentanone (MIBK)	**1.8J**	ug/m3	7.2	0.10	1.74		08/07/17 14:32	108-10-1	
Methyl-tert-butyl ether	**<0.15**	ug/m3	6.4	0.15	1.74		08/07/17 14:32	1634-04-4	
Naphthalene	**1.6J**	ug/m3	4.6	0.19	1.74		08/07/17 14:32	91-20-3	
2-Propanol	**9.0**	ug/m3	4.4	0.24	1.74		08/07/17 14:32	67-63-0	
Propylene	**<0.11**	ug/m3	0.61	0.11	1.74		08/07/17 14:32	115-07-1	
Styrene	**<0.055**	ug/m3	1.5	0.055	1.74		08/07/17 14:32	100-42-5	
1,1,2,2-Tetrachloroethane	**<0.065**	ug/m3	1.2	0.065	1.74		08/07/17 14:32	79-34-5	
Tetrachloroethene	**9.9**	ug/m3	1.2	0.072	1.74		08/07/17 14:32	127-18-4	
Tetrahydrofuran	**16.6**	ug/m3	1.0	0.061	1.74		08/07/17 14:32	109-99-9	
Toluene	**14.3**	ug/m3	1.3	0.068	1.74		08/07/17 14:32	108-88-3	
1,2,4-Trichlorobenzene	**<0.22**	ug/m3	6.6	0.22	1.74		08/07/17 14:32	120-82-1	
1,1,1-Trichloroethane	**<0.11**	ug/m3	1.9	0.11	1.74		08/07/17 14:32	71-55-6	
1,1,2-Trichloroethane	**<0.071**	ug/m3	0.96	0.071	1.74		08/07/17 14:32	79-00-5	
Trichloroethene	**<0.065**	ug/m3	0.96	0.065	1.74		08/07/17 14:32	79-01-6	
Trichlorofluoromethane	**1.5J**	ug/m3	2.0	0.13	1.74		08/07/17 14:32	75-69-4	
1,1,2-Trichlorotrifluoroethane	**<0.080**	ug/m3	2.8	0.080	1.74		08/07/17 14:32	76-13-1	
1,2,4-Trimethylbenzene	**22.3**	ug/m3	1.7	0.060	1.74		08/07/17 14:32	95-63-6	
1,3,5-Trimethylbenzene	**5.8**	ug/m3	1.7	0.082	1.74		08/07/17 14:32	108-67-8	
Vinyl acetate	**<0.063**	ug/m3	1.2	0.063	1.74		08/07/17 14:32	108-05-4	
Vinyl chloride	**<0.085**	ug/m3	0.45	0.085	1.74		08/07/17 14:32	75-01-4	
m&p-Xylene	**70.7**	ug/m3	3.1	0.14	1.74		08/07/17 14:32	179601-23-1	
o-Xylene	**26.5**	ug/m3	1.5	0.070	1.74		08/07/17 14:32	95-47-6	

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ANALYTICAL RESULTS

Project: 0403363 Kraft Heinz Foods Co
Pace Project No.: 10398363

Sample: VP-7 **Lab ID: 10398363003** Collected: 08/02/17 10:56 Received: 08/05/17 09:05 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15								
Acetone	**5940**	ug/m3	35.4	4.4	14.68		08/08/17 12:19	67-64-1	E
Benzene	**8.6**	ug/m3	0.61	0.074	1.87		08/07/17 15:08	71-43-2	
Benzyl chloride	**<0.084**	ug/m3	2.0	0.084	1.87		08/07/17 15:08	100-44-7	
Bromodichloromethane	**9.8**	ug/m3	2.5	0.063	1.87		08/07/17 15:08	75-27-4	
Bromoform	**<0.073**	ug/m3	3.9	0.073	1.87		08/07/17 15:08	75-25-2	
Bromomethane	**<0.098**	ug/m3	1.5	0.098	1.87		08/07/17 15:08	74-83-9	
1,3-Butadiene	**<0.086**	ug/m3	0.84	0.086	1.87		08/07/17 15:08	106-99-0	
2-Butanone (MEK)	**235**	ug/m3	44.0	0.99	14.68		08/08/17 12:19	78-93-3	
Carbon disulfide	**6.4**	ug/m3	1.2	0.058	1.87		08/07/17 15:08	75-15-0	
Carbon tetrachloride	**17.2**	ug/m3	1.2	0.086	1.87		08/07/17 15:08	56-23-5	
Chlorobenzene	**<0.071**	ug/m3	1.8	0.071	1.87		08/07/17 15:08	108-90-7	
Chloroethane	**<0.14**	ug/m3	1.0	0.14	1.87		08/07/17 15:08	75-00-3	
Chloroform	**36.7**	ug/m3	0.93	0.078	1.87		08/07/17 15:08	67-66-3	
Chloromethane	**<0.095**	ug/m3	0.79	0.095	1.87		08/07/17 15:08	74-87-3	
Cyclohexane	**45.3**	ug/m3	1.3	0.083	1.87		08/07/17 15:08	110-82-7	
Dibromochloromethane	**<0.071**	ug/m3	3.2	0.071	1.87		08/07/17 15:08	124-48-1	
1,2-Dibromoethane (EDB)	**<0.071**	ug/m3	2.9	0.071	1.87		08/07/17 15:08	106-93-4	
1,2-Dichlorobenzene	**6.7**	ug/m3	2.3	0.057	1.87		08/07/17 15:08	95-50-1	
1,3-Dichlorobenzene	**<0.044**	ug/m3	2.3	0.044	1.87		08/07/17 15:08	541-73-1	
1,4-Dichlorobenzene	**<0.063**	ug/m3	2.3	0.063	1.87		08/07/17 15:08	106-46-7	
Dichlorodifluoromethane	**2.5**	ug/m3	1.9	0.15	1.87		08/07/17 15:08	75-71-8	
1,1-Dichloroethane	**<0.096**	ug/m3	1.5	0.096	1.87		08/07/17 15:08	75-34-3	
1,2-Dichloroethane	**<0.085**	ug/m3	0.77	0.085	1.87		08/07/17 15:08	107-06-2	
1,1-Dichloroethene	**<0.11**	ug/m3	1.5	0.11	1.87		08/07/17 15:08	75-35-4	
cis-1,2-Dichloroethene	**<0.10**	ug/m3	1.5	0.10	1.87		08/07/17 15:08	156-59-2	
trans-1,2-Dichloroethene	**<0.090**	ug/m3	1.5	0.090	1.87		08/07/17 15:08	156-60-5	
1,2-Dichloropropane	**<0.088**	ug/m3	1.8	0.088	1.87		08/07/17 15:08	78-87-5	
cis-1,3-Dichloropropene	**<0.035**	ug/m3	1.7	0.035	1.87		08/07/17 15:08	10061-01-5	
trans-1,3-Dichloropropene	**<0.057**	ug/m3	1.7	0.057	1.87		08/07/17 15:08	10061-02-6	
Dichlorotetrafluoroethane	**<0.12**	ug/m3	2.7	0.12	1.87		08/07/17 15:08	76-14-2	
Ethanol	**651**	ug/m3	14.1	3.6	14.68		08/08/17 12:19	64-17-5	
Ethyl acetate	**<0.086**	ug/m3	1.4	0.086	1.87		08/07/17 15:08	141-78-6	
Ethylbenzene	**14.0**	ug/m3	1.6	0.073	1.87		08/07/17 15:08	100-41-4	
4-Ethyltoluene	**2.0**	ug/m3	1.9	0.056	1.87		08/07/17 15:08	622-96-8	
n-Heptane	**83.9**	ug/m3	1.6	0.094	1.87		08/07/17 15:08	142-82-5	
Hexachloro-1,3-butadiene	**<0.071**	ug/m3	10.1	0.071	1.87		08/07/17 15:08	87-68-3	
n-Hexane	**85.2**	ug/m3	1.3	0.078	1.87		08/07/17 15:08	110-54-3	
2-Hexanone	**59.5**	ug/m3	7.8	0.10	1.87		08/07/17 15:08	591-78-6	
Methylene Chloride	**5.4J**	ug/m3	6.6	0.81	1.87		08/07/17 15:08	75-09-2	
4-Methyl-2-pentanone (MIBK)	**37.9**	ug/m3	7.8	0.11	1.87		08/07/17 15:08	108-10-1	
Methyl-tert-butyl ether	**<0.16**	ug/m3	6.9	0.16	1.87		08/07/17 15:08	1634-04-4	
Naphthalene	**1.3J**	ug/m3	5.0	0.20	1.87		08/07/17 15:08	91-20-3	
2-Propanol	**387**	ug/m3	4.7	0.26	1.87		08/07/17 15:08	67-63-0	
Propylene	**<0.12**	ug/m3	0.65	0.12	1.87		08/07/17 15:08	115-07-1	
Styrene	**<0.059**	ug/m3	1.6	0.059	1.87		08/07/17 15:08	100-42-5	
1,1,2,2-Tetrachloroethane	**<0.070**	ug/m3	1.3	0.070	1.87		08/07/17 15:08	79-34-5	

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ANALYTICAL RESULTS

Project: 0403363 Kraft Heinz Foods Co
Pace Project No.: 10398363

Sample: VP-7 **Lab ID: 10398363003** Collected: 08/02/17 10:56 Received: 08/05/17 09:05 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15								
Tetrachloroethene	**170**	ug/m3	1.3	0.078	1.87		08/07/17 15:08	127-18-4	
Tetrahydrofuran	**2.3**	ug/m3	1.1	0.066	1.87		08/07/17 15:08	109-99-9	
Toluene	**29.2**	ug/m3	1.4	0.073	1.87		08/07/17 15:08	108-88-3	
1,2,4-Trichlorobenzene	**<0.24**	ug/m3	7.0	0.24	1.87		08/07/17 15:08	120-82-1	
1,1,1-Trichloroethane	**5.4**	ug/m3	2.1	0.12	1.87		08/07/17 15:08	71-55-6	
1,1,2-Trichloroethane	**<0.076**	ug/m3	1.0	0.076	1.87		08/07/17 15:08	79-00-5	
Trichloroethene	**3.2**	ug/m3	1.0	0.070	1.87		08/07/17 15:08	79-01-6	
Trichlorofluoromethane	**8.8**	ug/m3	2.1	0.14	1.87		08/07/17 15:08	75-69-4	
1,1,2-Trichlorotrifluoroethane	**<0.086**	ug/m3	3.0	0.086	1.87		08/07/17 15:08	76-13-1	
1,2,4-Trimethylbenzene	**9.9**	ug/m3	1.9	0.065	1.87		08/07/17 15:08	95-63-6	
1,3,5-Trimethylbenzene	**2.9**	ug/m3	1.9	0.088	1.87		08/07/17 15:08	108-67-8	
Vinyl acetate	**<0.068**	ug/m3	1.3	0.068	1.87		08/07/17 15:08	108-05-4	
Vinyl chloride	**<0.091**	ug/m3	0.49	0.091	1.87		08/07/17 15:08	75-01-4	
m&p-Xylene	**24.4**	ug/m3	3.3	0.15	1.87		08/07/17 15:08	179601-23-1	
o-Xylene	**10.6**	ug/m3	1.6	0.075	1.87		08/07/17 15:08	95-47-6	

Sample: VP-8 **Lab ID: 10398363004** Collected: 08/02/17 12:08 Received: 08/05/17 09:05 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15								
Acetone	**3720**	ug/m3	393	48.9	162.96		08/08/17 12:52	67-64-1	
Benzene	**30.4**	ug/m3	0.63	0.077	1.94		08/07/17 15:51	71-43-2	
Benzyl chloride	**<0.087**	ug/m3	2.0	0.087	1.94		08/07/17 15:51	100-44-7	
Bromodichloromethane	**<0.065**	ug/m3	2.6	0.065	1.94		08/07/17 15:51	75-27-4	
Bromoform	**<0.075**	ug/m3	4.1	0.075	1.94		08/07/17 15:51	75-25-2	
Bromomethane	**1.6**	ug/m3	1.5	0.10	1.94		08/07/17 15:51	74-83-9	
1,3-Butadiene	**<0.089**	ug/m3	0.87	0.089	1.94		08/07/17 15:51	106-99-0	
2-Butanone (MEK)	**2520**	ug/m3	489	11.0	162.96		08/08/17 12:52	78-93-3	
Carbon disulfide	**15.3**	ug/m3	1.2	0.061	1.94		08/07/17 15:51	75-15-0	
Carbon tetrachloride	**<0.089**	ug/m3	1.2	0.089	1.94		08/07/17 15:51	56-23-5	
Chlorobenzene	**<0.074**	ug/m3	1.8	0.074	1.94		08/07/17 15:51	108-90-7	
Chloroethane	**331**	ug/m3	88.0	12.4	162.96		08/08/17 12:52	75-00-3	
Chloroform	**<0.081**	ug/m3	0.96	0.081	1.94		08/07/17 15:51	67-66-3	
Chloromethane	**132**	ug/m3	0.81	0.098	1.94		08/07/17 15:51	74-87-3	
Cyclohexane	**158**	ug/m3	1.4	0.086	1.94		08/07/17 15:51	110-82-7	
Dibromochloromethane	**<0.074**	ug/m3	3.4	0.074	1.94		08/07/17 15:51	124-48-1	
1,2-Dibromoethane (EDB)	**<0.074**	ug/m3	3.0	0.074	1.94		08/07/17 15:51	106-93-4	
1,2-Dichlorobenzene	**<0.059**	ug/m3	2.4	0.059	1.94		08/07/17 15:51	95-50-1	
1,3-Dichlorobenzene	**<0.046**	ug/m3	2.4	0.046	1.94		08/07/17 15:51	541-73-1	
1,4-Dichlorobenzene	**<0.065**	ug/m3	2.4	0.065	1.94		08/07/17 15:51	106-46-7	
Dichlorodifluoromethane	**2.5**	ug/m3	2.0	0.16	1.94		08/07/17 15:51	75-71-8	
1,1-Dichloroethane	**<0.10**	ug/m3	1.6	0.10	1.94		08/07/17 15:51	75-34-3	
1,2-Dichloroethane	**<0.089**	ug/m3	0.80	0.089	1.94		08/07/17 15:51	107-06-2	

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ANALYTICAL RESULTS

Project: 0403363 Kraft Heinz Foods Co
Pace Project No.: 10398363

Sample: VP-8 **Lab ID: 10398363004** Collected: 08/02/17 12:08 Received: 08/05/17 09:05 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15								
1,1-Dichloroethene	**<0.11**	ug/m3	1.6	0.11	1.94		08/07/17 15:51	75-35-4	
cis-1,2-Dichloroethene	**<0.10**	ug/m3	1.6	0.10	1.94		08/07/17 15:51	156-59-2	
trans-1,2-Dichloroethene	**<0.094**	ug/m3	1.6	0.094	1.94		08/07/17 15:51	156-60-5	
1,2-Dichloropropane	**<0.091**	ug/m3	1.8	0.091	1.94		08/07/17 15:51	78-87-5	
cis-1,3-Dichloropropene	**<0.036**	ug/m3	1.8	0.036	1.94		08/07/17 15:51	10061-01-5	
trans-1,3-Dichloropropene	**<0.059**	ug/m3	1.8	0.059	1.94		08/07/17 15:51	10061-02-6	
Dichlorotetrafluoroethane	**<0.12**	ug/m3	2.8	0.12	1.94		08/07/17 15:51	76-14-2	
Ethanol	**686**	ug/m3	156	39.6	162.96		08/08/17 12:52	64-17-5	
Ethyl acetate	**<0.089**	ug/m3	1.4	0.089	1.94		08/07/17 15:51	141-78-6	
Ethylbenzene	**62.1**	ug/m3	1.7	0.075	1.94		08/07/17 15:51	100-41-4	
4-Ethyltoluene	**54.6**	ug/m3	1.9	0.058	1.94		08/07/17 15:51	622-96-8	
n-Heptane	**303**	ug/m3	135	8.2	162.96		08/08/17 12:52	142-82-5	
Hexachloro-1,3-butadiene	**<0.073**	ug/m3	10.5	0.073	1.94		08/07/17 15:51	87-68-3	
n-Hexane	**196**	ug/m3	1.4	0.081	1.94		08/07/17 15:51	110-54-3	
2-Hexanone	**432**	ug/m3	8.1	0.10	1.94		08/07/17 15:51	591-78-6	
Methylene Chloride	**211**	ug/m3	6.8	0.84	1.94		08/07/17 15:51	75-09-2	
4-Methyl-2-pentanone (MIBK)	**154**	ug/m3	8.1	0.11	1.94		08/07/17 15:51	108-10-1	
Methyl-tert-butyl ether	**<0.17**	ug/m3	7.1	0.17	1.94		08/07/17 15:51	1634-04-4	
Naphthalene	**2.7J**	ug/m3	5.2	0.21	1.94		08/07/17 15:51	91-20-3	
2-Propanol	**392**	ug/m3	4.8	0.27	1.94		08/07/17 15:51	67-63-0	
Propylene	**446**	ug/m3	57.0	10.3	162.96		08/08/17 12:52	115-07-1	
Styrene	**<0.061**	ug/m3	1.7	0.061	1.94		08/07/17 15:51	100-42-5	
1,1,2,2-Tetrachloroethane	**<0.073**	ug/m3	1.4	0.073	1.94		08/07/17 15:51	79-34-5	
Tetrachloroethene	**1.2J**	ug/m3	1.3	0.081	1.94		08/07/17 15:51	127-18-4	
Tetrahydrofuran	**8.2**	ug/m3	1.2	0.068	1.94		08/07/17 15:51	109-99-9	
Toluene	**81.9**	ug/m3	1.5	0.075	1.94		08/07/17 15:51	108-88-3	
1,2,4-Trichlorobenzene	**<0.25**	ug/m3	7.3	0.25	1.94		08/07/17 15:51	120-82-1	
1,1,1-Trichloroethane	**<0.12**	ug/m3	2.2	0.12	1.94		08/07/17 15:51	71-55-6	
1,1,2-Trichloroethane	**<0.079**	ug/m3	1.1	0.079	1.94		08/07/17 15:51	79-00-5	
Trichloroethene	**<0.072**	ug/m3	1.1	0.072	1.94		08/07/17 15:51	79-01-6	
Trichlorofluoromethane	**3.4**	ug/m3	2.2	0.14	1.94		08/07/17 15:51	75-69-4	
1,1,2-Trichlorotrifluoroethane	**<0.089**	ug/m3	3.1	0.089	1.94		08/07/17 15:51	76-13-1	
1,2,4-Trimethylbenzene	**108**	ug/m3	1.9	0.067	1.94		08/07/17 15:51	95-63-6	
1,3,5-Trimethylbenzene	**36.9**	ug/m3	1.9	0.091	1.94		08/07/17 15:51	108-67-8	
Vinyl acetate	**<0.070**	ug/m3	1.4	0.070	1.94		08/07/17 15:51	108-05-4	
Vinyl chloride	**<0.094**	ug/m3	0.50	0.094	1.94		08/07/17 15:51	75-01-4	
m&p-Xylene	**154**	ug/m3	3.4	0.15	1.94		08/07/17 15:51	179601-23-1	
o-Xylene	**78.7**	ug/m3	1.7	0.078	1.94		08/07/17 15:51	95-47-6	

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ANALYTICAL RESULTS

Project: 0403363 Kraft Heinz Foods Co
Pace Project No.: 10398363

Sample: VP-2 **Lab ID: 10398363005** Collected: 08/02/17 12:44 Received: 08/05/17 09:05 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15								
Acetone	**89.7**	ug/m3	4.3	0.54	1.8		08/07/17 16:26	67-64-1	
Benzene	**6.2**	ug/m3	0.58	0.072	1.8		08/07/17 16:26	71-43-2	
Benzyl chloride	**<0.081**	ug/m3	1.9	0.081	1.8		08/07/17 16:26	100-44-7	
Bromodichloromethane	**<0.060**	ug/m3	2.4	0.060	1.8		08/07/17 16:26	75-27-4	
Bromoform	**<0.070**	ug/m3	3.8	0.070	1.8		08/07/17 16:26	75-25-2	
Bromomethane	**<0.095**	ug/m3	1.4	0.095	1.8		08/07/17 16:26	74-83-9	
1,3-Butadiene	**<0.083**	ug/m3	0.81	0.083	1.8		08/07/17 16:26	106-99-0	
2-Butanone (MEK)	**97.6**	ug/m3	5.4	0.12	1.8		08/07/17 16:26	78-93-3	
Carbon disulfide	**4.2**	ug/m3	1.1	0.056	1.8		08/07/17 16:26	75-15-0	
Carbon tetrachloride	**1.8**	ug/m3	1.2	0.083	1.8		08/07/17 16:26	56-23-5	
Chlorobenzene	**<0.069**	ug/m3	1.7	0.069	1.8		08/07/17 16:26	108-90-7	
Chloroethane	**<0.14**	ug/m3	0.97	0.14	1.8		08/07/17 16:26	75-00-3	
Chloroform	**16.2**	ug/m3	0.89	0.075	1.8		08/07/17 16:26	67-66-3	
Chloromethane	**0.87**	ug/m3	0.76	0.091	1.8		08/07/17 16:26	74-87-3	
Cyclohexane	**1.2J**	ug/m3	1.3	0.080	1.8		08/07/17 16:26	110-82-7	
Dibromochloromethane	**<0.068**	ug/m3	3.1	0.068	1.8		08/07/17 16:26	124-48-1	
1,2-Dibromoethane (EDB)	**<0.068**	ug/m3	2.8	0.068	1.8		08/07/17 16:26	106-93-4	
1,2-Dichlorobenzene	**<0.055**	ug/m3	2.2	0.055	1.8		08/07/17 16:26	95-50-1	
1,3-Dichlorobenzene	**<0.042**	ug/m3	2.2	0.042	1.8		08/07/17 16:26	541-73-1	
1,4-Dichlorobenzene	**<0.060**	ug/m3	2.2	0.060	1.8		08/07/17 16:26	106-46-7	
Dichlorodifluoromethane	**2.2**	ug/m3	1.8	0.15	1.8		08/07/17 16:26	75-71-8	
1,1-Dichloroethane	**<0.093**	ug/m3	1.5	0.093	1.8		08/07/17 16:26	75-34-3	
1,2-Dichloroethane	**<0.082**	ug/m3	0.74	0.082	1.8		08/07/17 16:26	107-06-2	
1,1-Dichloroethene	**<0.11**	ug/m3	1.5	0.11	1.8		08/07/17 16:26	75-35-4	
cis-1,2-Dichloroethene	**<0.097**	ug/m3	1.5	0.097	1.8		08/07/17 16:26	156-59-2	
trans-1,2-Dichloroethene	**0.87J**	ug/m3	1.5	0.087	1.8		08/07/17 16:26	156-60-5	
1,2-Dichloropropane	**<0.085**	ug/m3	1.7	0.085	1.8		08/07/17 16:26	78-87-5	
cis-1,3-Dichloropropene	**<0.034**	ug/m3	1.7	0.034	1.8		08/07/17 16:26	10061-01-5	
trans-1,3-Dichloropropene	**<0.055**	ug/m3	1.7	0.055	1.8		08/07/17 16:26	10061-02-6	
Dichlorotetrafluoroethane	**<0.11**	ug/m3	2.6	0.11	1.8		08/07/17 16:26	76-14-2	
Ethanol	**45.6**	ug/m3	1.7	0.44	1.8		08/07/17 16:26	64-17-5	
Ethyl acetate	**<0.083**	ug/m3	1.3	0.083	1.8		08/07/17 16:26	141-78-6	
Ethylbenzene	**3.3**	ug/m3	1.6	0.070	1.8		08/07/17 16:26	100-41-4	
4-Ethyltoluene	**1.9**	ug/m3	1.8	0.054	1.8		08/07/17 16:26	622-96-8	
n-Heptane	**<0.091**	ug/m3	1.5	0.091	1.8		08/07/17 16:26	142-82-5	
Hexachloro-1,3-butadiene	**<0.068**	ug/m3	9.8	0.068	1.8		08/07/17 16:26	87-68-3	
n-Hexane	**<0.075**	ug/m3	1.3	0.075	1.8		08/07/17 16:26	110-54-3	
2-Hexanone	**4.5J**	ug/m3	7.5	0.097	1.8		08/07/17 16:26	591-78-6	
Methylene Chloride	**10.6**	ug/m3	6.4	0.78	1.8		08/07/17 16:26	75-09-2	
4-Methyl-2-pentanone (MIBK)	**1.6J**	ug/m3	7.5	0.10	1.8		08/07/17 16:26	108-10-1	
Methyl-tert-butyl ether	**<0.15**	ug/m3	6.6	0.15	1.8		08/07/17 16:26	1634-04-4	
Naphthalene	**<0.20**	ug/m3	4.8	0.20	1.8		08/07/17 16:26	91-20-3	
2-Propanol	**13.8**	ug/m3	4.5	0.25	1.8		08/07/17 16:26	67-63-0	
Propylene	**2.5**	ug/m3	0.63	0.11	1.8		08/07/17 16:26	115-07-1	
Styrene	**<0.057**	ug/m3	1.6	0.057	1.8		08/07/17 16:26	100-42-5	
1,1,2,2-Tetrachloroethane	**<0.068**	ug/m3	1.3	0.068	1.8		08/07/17 16:26	79-34-5	

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ANALYTICAL RESULTS

Project: 0403363 Kraft Heinz Foods Co
Pace Project No.: 10398363

Sample: VP-2 **Lab ID: 10398363005** Collected: 08/02/17 12:44 Received: 08/05/17 09:05 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15								
Tetrachloroethene	**45.6**	ug/m3	1.2	0.075	1.8		08/07/17 16:26	127-18-4	
Tetrahydrofuran	**28.1**	ug/m3	1.1	0.063	1.8		08/07/17 16:26	109-99-9	
Toluene	**9.2**	ug/m3	1.4	0.070	1.8		08/07/17 16:26	108-88-3	
1,2,4-Trichlorobenzene	**<0.23**	ug/m3	6.8	0.23	1.8		08/07/17 16:26	120-82-1	
1,1,1-Trichloroethane	**1.9J**	ug/m3	2.0	0.11	1.8		08/07/17 16:26	71-55-6	
1,1,2-Trichloroethane	**<0.073**	ug/m3	0.99	0.073	1.8		08/07/17 16:26	79-00-5	
Trichloroethene	**7520**	ug/m3	77.7	5.3	141.3		08/08/17 13:58	79-01-6	
Trichlorofluoromethane	**4.4**	ug/m3	2.1	0.13	1.8		08/07/17 16:26	75-69-4	
1,1,2-Trichlorotrifluoroethane	**0.96J**	ug/m3	2.9	0.083	1.8		08/07/17 16:26	76-13-1	
1,2,4-Trimethylbenzene	**10.1**	ug/m3	1.8	0.062	1.8		08/07/17 16:26	95-63-6	
1,3,5-Trimethylbenzene	**2.9**	ug/m3	1.8	0.085	1.8		08/07/17 16:26	108-67-8	
Vinyl acetate	**<0.065**	ug/m3	1.3	0.065	1.8		08/07/17 16:26	108-05-4	
Vinyl chloride	**<0.087**	ug/m3	0.47	0.087	1.8		08/07/17 16:26	75-01-4	
m&p-Xylene	**11.4**	ug/m3	3.2	0.14	1.8		08/07/17 16:26	179601-23-1	
o-Xylene	**4.8**	ug/m3	1.6	0.072	1.8		08/07/17 16:26	95-47-6	

Sample: VP-3 **Lab ID: 10398363006** Collected: 08/02/17 13:11 Received: 08/05/17 09:05 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15								
Acetone	**162**	ug/m3	4.3	0.54	1.8		08/07/17 17:02	67-64-1	
Benzene	**1.7**	ug/m3	0.58	0.072	1.8		08/07/17 17:02	71-43-2	
Benzyl chloride	**<0.081**	ug/m3	1.9	0.081	1.8		08/07/17 17:02	100-44-7	
Bromodichloromethane	**<0.060**	ug/m3	2.4	0.060	1.8		08/07/17 17:02	75-27-4	
Bromoform	**<0.070**	ug/m3	3.8	0.070	1.8		08/07/17 17:02	75-25-2	
Bromomethane	**<0.095**	ug/m3	1.4	0.095	1.8		08/07/17 17:02	74-83-9	
1,3-Butadiene	**<0.083**	ug/m3	0.81	0.083	1.8		08/07/17 17:02	106-99-0	
2-Butanone (MEK)	**141**	ug/m3	5.4	0.12	1.8		08/07/17 17:02	78-93-3	
Carbon disulfide	**<0.056**	ug/m3	1.1	0.056	1.8		08/07/17 17:02	75-15-0	
Carbon tetrachloride	**<0.083**	ug/m3	1.2	0.083	1.8		08/07/17 17:02	56-23-5	
Chlorobenzene	**<0.069**	ug/m3	1.7	0.069	1.8		08/07/17 17:02	108-90-7	
Chloroethane	**<0.14**	ug/m3	0.97	0.14	1.8		08/07/17 17:02	75-00-3	
Chloroform	**22.8**	ug/m3	0.89	0.075	1.8		08/07/17 17:02	67-66-3	
Chloromethane	**<0.091**	ug/m3	0.76	0.091	1.8		08/07/17 17:02	74-87-3	
Cyclohexane	**2.5**	ug/m3	1.3	0.080	1.8		08/07/17 17:02	110-82-7	
Dibromochloromethane	**<0.068**	ug/m3	3.1	0.068	1.8		08/07/17 17:02	124-48-1	
1,2-Dibromoethane (EDB)	**<0.068**	ug/m3	2.8	0.068	1.8		08/07/17 17:02	106-93-4	
1,2-Dichlorobenzene	**<0.055**	ug/m3	2.2	0.055	1.8		08/07/17 17:02	95-50-1	
1,3-Dichlorobenzene	**<0.042**	ug/m3	2.2	0.042	1.8		08/07/17 17:02	541-73-1	
1,4-Dichlorobenzene	**<0.060**	ug/m3	2.2	0.060	1.8		08/07/17 17:02	106-46-7	
Dichlorodifluoromethane	**3.3**	ug/m3	1.8	0.15	1.8		08/07/17 17:02	75-71-8	
1,1-Dichloroethane	**<0.093**	ug/m3	1.5	0.093	1.8		08/07/17 17:02	75-34-3	
1,2-Dichloroethane	**<0.082**	ug/m3	0.74	0.082	1.8		08/07/17 17:02	107-06-2	

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ANALYTICAL RESULTS

Project: 0403363 Kraft Heinz Foods Co
Pace Project No.: 10398363

Sample: VP-3 **Lab ID: 10398363006** Collected: 08/02/17 13:11 Received: 08/05/17 09:05 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15								
1,1-Dichloroethene	**<0.11**	ug/m3	1.5	0.11	1.8		08/07/17 17:02	75-35-4	
cis-1,2-Dichloroethene	**<0.097**	ug/m3	1.5	0.097	1.8		08/07/17 17:02	156-59-2	
trans-1,2-Dichloroethene	**<0.087**	ug/m3	1.5	0.087	1.8		08/07/17 17:02	156-60-5	
1,2-Dichloropropane	**<0.085**	ug/m3	1.7	0.085	1.8		08/07/17 17:02	78-87-5	
cis-1,3-Dichloropropene	**<0.034**	ug/m3	1.7	0.034	1.8		08/07/17 17:02	10061-01-5	
trans-1,3-Dichloropropene	**<0.055**	ug/m3	1.7	0.055	1.8		08/07/17 17:02	10061-02-6	
Dichlorotetrafluoroethane	**<0.11**	ug/m3	2.6	0.11	1.8		08/07/17 17:02	76-14-2	
Ethanol	**63.3**	ug/m3	1.7	0.44	1.8		08/07/17 17:02	64-17-5	
Ethyl acetate	**<0.083**	ug/m3	1.3	0.083	1.8		08/07/17 17:02	141-78-6	
Ethylbenzene	**5.0**	ug/m3	1.6	0.070	1.8		08/07/17 17:02	100-41-4	
4-Ethyltoluene	**5.9**	ug/m3	1.8	0.054	1.8		08/07/17 17:02	622-96-8	
n-Heptane	**3.9**	ug/m3	1.5	0.091	1.8		08/07/17 17:02	142-82-5	
Hexachloro-1,3-butadiene	**<0.068**	ug/m3	9.8	0.068	1.8		08/07/17 17:02	87-68-3	
n-Hexane	**2.2**	ug/m3	1.3	0.075	1.8		08/07/17 17:02	110-54-3	
2-Hexanone	**14.3**	ug/m3	7.5	0.097	1.8		08/07/17 17:02	591-78-6	
Methylene Chloride	**6.8**	ug/m3	6.4	0.78	1.8		08/07/17 17:02	75-09-2	
4-Methyl-2-pentanone (MIBK)	**4.8J**	ug/m3	7.5	0.10	1.8		08/07/17 17:02	108-10-1	
Methyl-tert-butyl ether	**<0.15**	ug/m3	6.6	0.15	1.8		08/07/17 17:02	1634-04-4	
Naphthalene	**1.2J**	ug/m3	4.8	0.20	1.8		08/07/17 17:02	91-20-3	
2-Propanol	**156**	ug/m3	4.5	0.25	1.8		08/07/17 17:02	67-63-0	
Propylene	**<0.11**	ug/m3	0.63	0.11	1.8		08/07/17 17:02	115-07-1	
Styrene	**<0.057**	ug/m3	1.6	0.057	1.8		08/07/17 17:02	100-42-5	
1,1,2,2-Tetrachloroethane	**<0.068**	ug/m3	1.3	0.068	1.8		08/07/17 17:02	79-34-5	
Tetrachloroethene	**392**	ug/m3	1.2	0.075	1.8		08/07/17 17:02	127-18-4	
Tetrahydrofuran	**30.6**	ug/m3	1.1	0.063	1.8		08/07/17 17:02	109-99-9	
Toluene	**6.8**	ug/m3	1.4	0.070	1.8		08/07/17 17:02	108-88-3	
1,2,4-Trichlorobenzene	**<0.23**	ug/m3	6.8	0.23	1.8		08/07/17 17:02	120-82-1	
1,1,1-Trichloroethane	**<0.11**	ug/m3	2.0	0.11	1.8		08/07/17 17:02	71-55-6	
1,1,2-Trichloroethane	**<0.073**	ug/m3	0.99	0.073	1.8		08/07/17 17:02	79-00-5	
Trichloroethene	**9.6**	ug/m3	0.99	0.067	1.8		08/07/17 17:02	79-01-6	
Trichlorofluoromethane	**2.2**	ug/m3	2.1	0.13	1.8		08/07/17 17:02	75-69-4	
1,1,2-Trichlorotrifluoroethane	**0.83J**	ug/m3	2.9	0.083	1.8		08/07/17 17:02	76-13-1	
1,2,4-Trimethylbenzene	**26.2**	ug/m3	1.8	0.062	1.8		08/07/17 17:02	95-63-6	
1,3,5-Trimethylbenzene	**6.5**	ug/m3	1.8	0.085	1.8		08/07/17 17:02	108-67-8	
Vinyl acetate	**<0.065**	ug/m3	1.3	0.065	1.8		08/07/17 17:02	108-05-4	
Vinyl chloride	**<0.087**	ug/m3	0.47	0.087	1.8		08/07/17 17:02	75-01-4	
m&p-Xylene	**14.8**	ug/m3	3.2	0.14	1.8		08/07/17 17:02	179601-23-1	
o-Xylene	**8.3**	ug/m3	1.6	0.072	1.8		08/07/17 17:02	95-47-6	

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ANALYTICAL RESULTS

Project: 0403363 Kraft Heinz Foods Co
Pace Project No.: 10398363

Sample: VP-4 **Lab ID: 10398363007** Collected: 08/02/17 14:53 Received: 08/05/17 09:05 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15								
Acetone	**46.5**	ug/m3	4.2	0.52	1.74		08/07/17 17:37	67-64-1	
Benzene	**0.53J**	ug/m3	0.57	0.069	1.74		08/07/17 17:37	71-43-2	
Benzyl chloride	**<0.078**	ug/m3	1.8	0.078	1.74		08/07/17 17:37	100-44-7	
Bromodichloromethane	**<0.058**	ug/m3	2.4	0.058	1.74		08/07/17 17:37	75-27-4	
Bromoform	**<0.068**	ug/m3	3.7	0.068	1.74		08/07/17 17:37	75-25-2	
Bromomethane	**<0.092**	ug/m3	1.4	0.092	1.74		08/07/17 17:37	74-83-9	
1,3-Butadiene	**<0.080**	ug/m3	0.78	0.080	1.74		08/07/17 17:37	106-99-0	
2-Butanone (MEK)	**33.7**	ug/m3	5.2	0.12	1.74		08/07/17 17:37	78-93-3	
Carbon disulfide	**5.3**	ug/m3	1.1	0.054	1.74		08/07/17 17:37	75-15-0	
Carbon tetrachloride	**<0.080**	ug/m3	1.1	0.080	1.74		08/07/17 17:37	56-23-5	
Chlorobenzene	**<0.066**	ug/m3	1.6	0.066	1.74		08/07/17 17:37	108-90-7	
Chloroethane	**<0.13**	ug/m3	0.94	0.13	1.74		08/07/17 17:37	75-00-3	
Chloroform	**0.65J**	ug/m3	0.86	0.073	1.74		08/07/17 17:37	67-66-3	
Chloromethane	**0.62J**	ug/m3	0.73	0.088	1.74		08/07/17 17:37	74-87-3	
Cyclohexane	**1.4**	ug/m3	1.2	0.077	1.74		08/07/17 17:37	110-82-7	
Dibromochloromethane	**<0.066**	ug/m3	3.0	0.066	1.74		08/07/17 17:37	124-48-1	
1,2-Dibromoethane (EDB)	**<0.066**	ug/m3	2.7	0.066	1.74		08/07/17 17:37	106-93-4	
1,2-Dichlorobenzene	**<0.053**	ug/m3	2.1	0.053	1.74		08/07/17 17:37	95-50-1	
1,3-Dichlorobenzene	**<0.041**	ug/m3	2.1	0.041	1.74		08/07/17 17:37	541-73-1	
1,4-Dichlorobenzene	**<0.058**	ug/m3	2.1	0.058	1.74		08/07/17 17:37	106-46-7	
Dichlorodifluoromethane	**20.6**	ug/m3	1.8	0.14	1.74		08/07/17 17:37	75-71-8	
1,1-Dichloroethane	**<0.090**	ug/m3	1.4	0.090	1.74		08/07/17 17:37	75-34-3	
1,2-Dichloroethane	**<0.080**	ug/m3	0.71	0.080	1.74		08/07/17 17:37	107-06-2	
1,1-Dichloroethene	**<0.10**	ug/m3	1.4	0.10	1.74		08/07/17 17:37	75-35-4	
cis-1,2-Dichloroethene	**<0.093**	ug/m3	1.4	0.093	1.74		08/07/17 17:37	156-59-2	
trans-1,2-Dichloroethene	**<0.084**	ug/m3	1.4	0.084	1.74		08/07/17 17:37	156-60-5	
1,2-Dichloropropane	**<0.082**	ug/m3	1.6	0.082	1.74		08/07/17 17:37	78-87-5	
cis-1,3-Dichloropropene	**<0.033**	ug/m3	1.6	0.033	1.74		08/07/17 17:37	10061-01-5	
trans-1,3-Dichloropropene	**<0.053**	ug/m3	1.6	0.053	1.74		08/07/17 17:37	10061-02-6	
Dichlorotetrafluoroethane	**<0.11**	ug/m3	2.5	0.11	1.74		08/07/17 17:37	76-14-2	
Ethanol	**33.9**	ug/m3	1.7	0.42	1.74		08/07/17 17:37	64-17-5	
Ethyl acetate	**<0.080**	ug/m3	1.3	0.080	1.74		08/07/17 17:37	141-78-6	
Ethylbenzene	**1.5J**	ug/m3	1.5	0.068	1.74		08/07/17 17:37	100-41-4	
4-Ethyltoluene	**<0.052**	ug/m3	1.7	0.052	1.74		08/07/17 17:37	622-96-8	
n-Heptane	**4.7**	ug/m3	1.4	0.088	1.74		08/07/17 17:37	142-82-5	
Hexachloro-1,3-butadiene	**<0.066**	ug/m3	9.4	0.066	1.74		08/07/17 17:37	87-68-3	
n-Hexane	**3.7**	ug/m3	1.3	0.073	1.74		08/07/17 17:37	110-54-3	
2-Hexanone	**5.3J**	ug/m3	7.2	0.094	1.74		08/07/17 17:37	591-78-6	
Methylene Chloride	**7.1**	ug/m3	6.1	0.75	1.74		08/07/17 17:37	75-09-2	
4-Methyl-2-pentanone (MIBK)	**1.9J**	ug/m3	7.2	0.10	1.74		08/07/17 17:37	108-10-1	
Methyl-tert-butyl ether	**<0.15**	ug/m3	6.4	0.15	1.74		08/07/17 17:37	1634-04-4	
Naphthalene	**<0.19**	ug/m3	4.6	0.19	1.74		08/07/17 17:37	91-20-3	
2-Propanol	**15.6**	ug/m3	4.4	0.24	1.74		08/07/17 17:37	67-63-0	
Propylene	**<0.11**	ug/m3	0.61	0.11	1.74		08/07/17 17:37	115-07-1	
Styrene	**<0.055**	ug/m3	1.5	0.055	1.74		08/07/17 17:37	100-42-5	
1,1,2,2-Tetrachloroethane	**<0.065**	ug/m3	1.2	0.065	1.74		08/07/17 17:37	79-34-5	

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ANALYTICAL RESULTS

Project: 0403363 Kraft Heinz Foods Co
Pace Project No.: 10398363

Sample: VP-4 **Lab ID: 10398363007** Collected: 08/02/17 14:53 Received: 08/05/17 09:05 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15								
Tetrachloroethene	**3.7**	ug/m3	1.2	0.072	1.74		08/07/17 17:37	127-18-4	
Tetrahydrofuran	**5.4**	ug/m3	1.0	0.061	1.74		08/07/17 17:37	109-99-9	
Toluene	**2.7**	ug/m3	1.3	0.068	1.74		08/07/17 17:37	108-88-3	
1,2,4-Trichlorobenzene	**<0.22**	ug/m3	6.6	0.22	1.74		08/07/17 17:37	120-82-1	
1,1,1-Trichloroethane	**<0.11**	ug/m3	1.9	0.11	1.74		08/07/17 17:37	71-55-6	
1,1,2-Trichloroethane	**<0.071**	ug/m3	0.96	0.071	1.74		08/07/17 17:37	79-00-5	
Trichloroethene	**<0.065**	ug/m3	0.96	0.065	1.74		08/07/17 17:37	79-01-6	
Trichlorofluoromethane	**30.0**	ug/m3	2.0	0.13	1.74		08/07/17 17:37	75-69-4	
1,1,2-Trichlorotrifluoroethane	**0.89J**	ug/m3	2.8	0.080	1.74		08/07/17 17:37	76-13-1	
1,2,4-Trimethylbenzene	**3.7**	ug/m3	1.7	0.060	1.74		08/07/17 17:37	95-63-6	
1,3,5-Trimethylbenzene	**1.0J**	ug/m3	1.7	0.082	1.74		08/07/17 17:37	108-67-8	
Vinyl acetate	**<0.063**	ug/m3	1.2	0.063	1.74		08/07/17 17:37	108-05-4	
Vinyl chloride	**<0.085**	ug/m3	0.45	0.085	1.74		08/07/17 17:37	75-01-4	
m&p-Xylene	**4.2**	ug/m3	3.1	0.14	1.74		08/07/17 17:37	179601-23-1	
o-Xylene	**2.0**	ug/m3	1.5	0.070	1.74		08/07/17 17:37	95-47-6	

Sample: VP-5 **Lab ID: 10398363008** Collected: 08/02/17 15:28 Received: 08/05/17 09:05 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15								
Acetone	**116**	ug/m3	4.2	0.52	1.74		08/07/17 18:13	67-64-1	
Benzene	**<0.069**	ug/m3	0.57	0.069	1.74		08/07/17 18:13	71-43-2	
Benzyl chloride	**<0.078**	ug/m3	1.8	0.078	1.74		08/07/17 18:13	100-44-7	
Bromodichloromethane	**<0.058**	ug/m3	2.4	0.058	1.74		08/07/17 18:13	75-27-4	
Bromoform	**<0.068**	ug/m3	3.7	0.068	1.74		08/07/17 18:13	75-25-2	
Bromomethane	**<0.092**	ug/m3	1.4	0.092	1.74		08/07/17 18:13	74-83-9	
1,3-Butadiene	**<0.080**	ug/m3	0.78	0.080	1.74		08/07/17 18:13	106-99-0	
2-Butanone (MEK)	**114**	ug/m3	5.2	0.12	1.74		08/07/17 18:13	78-93-3	
Carbon disulfide	**0.59J**	ug/m3	1.1	0.054	1.74		08/07/17 18:13	75-15-0	
Carbon tetrachloride	**13.1**	ug/m3	1.1	0.080	1.74		08/07/17 18:13	56-23-5	
Chlorobenzene	**<0.066**	ug/m3	1.6	0.066	1.74		08/07/17 18:13	108-90-7	
Chloroethane	**<0.13**	ug/m3	0.94	0.13	1.74		08/07/17 18:13	75-00-3	
Chloroform	**0.46J**	ug/m3	0.86	0.073	1.74		08/07/17 18:13	67-66-3	
Chloromethane	**<0.088**	ug/m3	0.73	0.088	1.74		08/07/17 18:13	74-87-3	
Cyclohexane	**<0.077**	ug/m3	1.2	0.077	1.74		08/07/17 18:13	110-82-7	
Dibromochloromethane	**<0.066**	ug/m3	3.0	0.066	1.74		08/07/17 18:13	124-48-1	
1,2-Dibromoethane (EDB)	**<0.066**	ug/m3	2.7	0.066	1.74		08/07/17 18:13	106-93-4	
1,2-Dichlorobenzene	**<0.053**	ug/m3	2.1	0.053	1.74		08/07/17 18:13	95-50-1	
1,3-Dichlorobenzene	**<0.041**	ug/m3	2.1	0.041	1.74		08/07/17 18:13	541-73-1	
1,4-Dichlorobenzene	**<0.058**	ug/m3	2.1	0.058	1.74		08/07/17 18:13	106-46-7	
Dichlorodifluoromethane	**1.1J**	ug/m3	1.8	0.14	1.74		08/07/17 18:13	75-71-8	
1,1-Dichloroethane	**<0.090**	ug/m3	1.4	0.090	1.74		08/07/17 18:13	75-34-3	
1,2-Dichloroethane	**<0.080**	ug/m3	0.71	0.080	1.74		08/07/17 18:13	107-06-2	

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ANALYTICAL RESULTS

Project: 0403363 Kraft Heinz Foods Co
Pace Project No.: 10398363

Sample: VP-5 **Lab ID: 10398363008** Collected: 08/02/17 15:28 Received: 08/05/17 09:05 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15								
1,1-Dichloroethene	**<0.10**	ug/m3	1.4	0.10	1.74		08/07/17 18:13	75-35-4	
cis-1,2-Dichloroethene	**<0.093**	ug/m3	1.4	0.093	1.74		08/07/17 18:13	156-59-2	
trans-1,2-Dichloroethene	**<0.084**	ug/m3	1.4	0.084	1.74		08/07/17 18:13	156-60-5	
1,2-Dichloropropane	**<0.082**	ug/m3	1.6	0.082	1.74		08/07/17 18:13	78-87-5	
cis-1,3-Dichloropropene	**<0.033**	ug/m3	1.6	0.033	1.74		08/07/17 18:13	10061-01-5	
trans-1,3-Dichloropropene	**<0.053**	ug/m3	1.6	0.053	1.74		08/07/17 18:13	10061-02-6	
Dichlorotetrafluoroethane	**<0.11**	ug/m3	2.5	0.11	1.74		08/07/17 18:13	76-14-2	
Ethanol	**42.2**	ug/m3	1.7	0.42	1.74		08/07/17 18:13	64-17-5	
Ethyl acetate	**<0.080**	ug/m3	1.3	0.080	1.74		08/07/17 18:13	141-78-6	
Ethylbenzene	**1.6**	ug/m3	1.5	0.068	1.74		08/07/17 18:13	100-41-4	
4-Ethyltoluene	**1.3J**	ug/m3	1.7	0.052	1.74		08/07/17 18:13	622-96-8	
n-Heptane	**2.2**	ug/m3	1.4	0.088	1.74		08/07/17 18:13	142-82-5	
Hexachloro-1,3-butadiene	**<0.066**	ug/m3	9.4	0.066	1.74		08/07/17 18:13	87-68-3	
n-Hexane	**1.8**	ug/m3	1.3	0.073	1.74		08/07/17 18:13	110-54-3	
2-Hexanone	**7.9**	ug/m3	7.2	0.094	1.74		08/07/17 18:13	591-78-6	
Methylene Chloride	**4.7J**	ug/m3	6.1	0.75	1.74		08/07/17 18:13	75-09-2	
4-Methyl-2-pentanone (MIBK)	**2.6J**	ug/m3	7.2	0.10	1.74		08/07/17 18:13	108-10-1	
Methyl-tert-butyl ether	**<0.15**	ug/m3	6.4	0.15	1.74		08/07/17 18:13	1634-04-4	
Naphthalene	**<0.19**	ug/m3	4.6	0.19	1.74		08/07/17 18:13	91-20-3	
2-Propanol	**32.2**	ug/m3	4.4	0.24	1.74		08/07/17 18:13	67-63-0	
Propylene	**1.7**	ug/m3	0.61	0.11	1.74		08/07/17 18:13	115-07-1	
Styrene	**<0.055**	ug/m3	1.5	0.055	1.74		08/07/17 18:13	100-42-5	
1,1,2,2-Tetrachloroethane	**<0.065**	ug/m3	1.2	0.065	1.74		08/07/17 18:13	79-34-5	
Tetrachloroethene	**2.5**	ug/m3	1.2	0.072	1.74		08/07/17 18:13	127-18-4	
Tetrahydrofuran	**21.0**	ug/m3	1.0	0.061	1.74		08/07/17 18:13	109-99-9	
Toluene	**1.4**	ug/m3	1.3	0.068	1.74		08/07/17 18:13	108-88-3	
1,2,4-Trichlorobenzene	**<0.22**	ug/m3	6.6	0.22	1.74		08/07/17 18:13	120-82-1	
1,1,1-Trichloroethane	**0.86J**	ug/m3	1.9	0.11	1.74		08/07/17 18:13	71-55-6	
1,1,2-Trichloroethane	**<0.071**	ug/m3	0.96	0.071	1.74		08/07/17 18:13	79-00-5	
Trichloroethene	**5.4**	ug/m3	0.96	0.065	1.74		08/07/17 18:13	79-01-6	
Trichlorofluoromethane	**1.7J**	ug/m3	2.0	0.13	1.74		08/07/17 18:13	75-69-4	
1,1,2-Trichlorotrifluoroethane	**<0.080**	ug/m3	2.8	0.080	1.74		08/07/17 18:13	76-13-1	
1,2,4-Trimethylbenzene	**6.1**	ug/m3	1.7	0.060	1.74		08/07/17 18:13	95-63-6	
1,3,5-Trimethylbenzene	**1.7J**	ug/m3	1.7	0.082	1.74		08/07/17 18:13	108-67-8	
Vinyl acetate	**<0.063**	ug/m3	1.2	0.063	1.74		08/07/17 18:13	108-05-4	
Vinyl chloride	**<0.085**	ug/m3	0.45	0.085	1.74		08/07/17 18:13	75-01-4	
m&p-Xylene	**5.4**	ug/m3	3.1	0.14	1.74		08/07/17 18:13	179601-23-1	
o-Xylene	**1.8**	ug/m3	1.5	0.070	1.74		08/07/17 18:13	95-47-6	

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ANALYTICAL RESULTS

Project: 0403363 Kraft Heinz Foods Co
Pace Project No.: 10398363

Sample: VP-1 **Lab ID: 10398363009** Collected: 08/02/17 16:04 Received: 08/05/17 09:05 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15								
Acetone	**45.3**	ug/m3	4.2	0.52	1.74		08/07/17 18:50	67-64-1	
Benzene	**1.1**	ug/m3	0.57	0.069	1.74		08/07/17 18:50	71-43-2	
Benzyl chloride	**<0.078**	ug/m3	1.8	0.078	1.74		08/07/17 18:50	100-44-7	
Bromodichloromethane	**<0.058**	ug/m3	2.4	0.058	1.74		08/07/17 18:50	75-27-4	
Bromoform	**<0.068**	ug/m3	3.7	0.068	1.74		08/07/17 18:50	75-25-2	
Bromomethane	**<0.092**	ug/m3	1.4	0.092	1.74		08/07/17 18:50	74-83-9	
1,3-Butadiene	**<0.080**	ug/m3	0.78	0.080	1.74		08/07/17 18:50	106-99-0	
2-Butanone (MEK)	**39.8**	ug/m3	5.2	0.12	1.74		08/07/17 18:50	78-93-3	
Carbon disulfide	**1.0J**	ug/m3	1.1	0.054	1.74		08/07/17 18:50	75-15-0	
Carbon tetrachloride	**0.64J**	ug/m3	1.1	0.080	1.74		08/07/17 18:50	56-23-5	
Chlorobenzene	**<0.066**	ug/m3	1.6	0.066	1.74		08/07/17 18:50	108-90-7	
Chloroethane	**1.3**	ug/m3	0.94	0.13	1.74		08/07/17 18:50	75-00-3	
Chloroform	**8.8**	ug/m3	0.86	0.073	1.74		08/07/17 18:50	67-66-3	
Chloromethane	**1.4**	ug/m3	0.73	0.088	1.74		08/07/17 18:50	74-87-3	
Cyclohexane	**1.8**	ug/m3	1.2	0.077	1.74		08/07/17 18:50	110-82-7	
Dibromochloromethane	**<0.066**	ug/m3	3.0	0.066	1.74		08/07/17 18:50	124-48-1	
1,2-Dibromoethane (EDB)	**<0.066**	ug/m3	2.7	0.066	1.74		08/07/17 18:50	106-93-4	
1,2-Dichlorobenzene	**<0.053**	ug/m3	2.1	0.053	1.74		08/07/17 18:50	95-50-1	
1,3-Dichlorobenzene	**<0.041**	ug/m3	2.1	0.041	1.74		08/07/17 18:50	541-73-1	
1,4-Dichlorobenzene	**<0.058**	ug/m3	2.1	0.058	1.74		08/07/17 18:50	106-46-7	
Dichlorodifluoromethane	**21.4**	ug/m3	1.8	0.14	1.74		08/07/17 18:50	75-71-8	
1,1-Dichloroethane	**<0.090**	ug/m3	1.4	0.090	1.74		08/07/17 18:50	75-34-3	
1,2-Dichloroethane	**<0.080**	ug/m3	0.71	0.080	1.74		08/07/17 18:50	107-06-2	
1,1-Dichloroethene	**<0.10**	ug/m3	1.4	0.10	1.74		08/07/17 18:50	75-35-4	
cis-1,2-Dichloroethene	**<0.093**	ug/m3	1.4	0.093	1.74		08/07/17 18:50	156-59-2	
trans-1,2-Dichloroethene	**<0.084**	ug/m3	1.4	0.084	1.74		08/07/17 18:50	156-60-5	
1,2-Dichloropropane	**<0.082**	ug/m3	1.6	0.082	1.74		08/07/17 18:50	78-87-5	
cis-1,3-Dichloropropene	**<0.033**	ug/m3	1.6	0.033	1.74		08/07/17 18:50	10061-01-5	
trans-1,3-Dichloropropene	**<0.053**	ug/m3	1.6	0.053	1.74		08/07/17 18:50	10061-02-6	
Dichlorotetrafluoroethane	**<0.11**	ug/m3	2.5	0.11	1.74		08/07/17 18:50	76-14-2	
Ethanol	**12.0**	ug/m3	1.7	0.42	1.74		08/07/17 18:50	64-17-5	
Ethyl acetate	**<0.080**	ug/m3	1.3	0.080	1.74		08/07/17 18:50	141-78-6	
Ethylbenzene	**10.5**	ug/m3	1.5	0.068	1.74		08/07/17 18:50	100-41-4	
4-Ethyltoluene	**4.9**	ug/m3	1.7	0.052	1.74		08/07/17 18:50	622-96-8	
n-Heptane	**8.0**	ug/m3	1.4	0.088	1.74		08/07/17 18:50	142-82-5	
Hexachloro-1,3-butadiene	**<0.066**	ug/m3	9.4	0.066	1.74		08/07/17 18:50	87-68-3	
n-Hexane	**4.0**	ug/m3	1.3	0.073	1.74		08/07/17 18:50	110-54-3	
2-Hexanone	**4.2J**	ug/m3	7.2	0.094	1.74		08/07/17 18:50	591-78-6	
Methylene Chloride	**52.8**	ug/m3	6.1	0.75	1.74		08/07/17 18:50	75-09-2	
4-Methyl-2-pentanone (MIBK)	**18.0**	ug/m3	7.2	0.10	1.74		08/07/17 18:50	108-10-1	
Methyl-tert-butyl ether	**<0.15**	ug/m3	6.4	0.15	1.74		08/07/17 18:50	1634-04-4	
Naphthalene	**<0.19**	ug/m3	4.6	0.19	1.74		08/07/17 18:50	91-20-3	
2-Propanol	**<0.24**	ug/m3	4.4	0.24	1.74		08/07/17 18:50	67-63-0	
Propylene	**12.2**	ug/m3	0.61	0.11	1.74		08/07/17 18:50	115-07-1	
Styrene	**<0.055**	ug/m3	1.5	0.055	1.74		08/07/17 18:50	100-42-5	
1,1,2,2-Tetrachloroethane	**<0.065**	ug/m3	1.2	0.065	1.74		08/07/17 18:50	79-34-5	

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ANALYTICAL RESULTS

Project: 0403363 Kraft Heinz Foods Co
Pace Project No.: 10398363

Sample: VP-1 **Lab ID: 10398363009** Collected: 08/02/17 16:04 Received: 08/05/17 09:05 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15								
Tetrachloroethene	**12.7**	ug/m3	1.2	0.072	1.74		08/07/17 18:50	127-18-4	
Tetrahydrofuran	**7.6**	ug/m3	1.0	0.061	1.74		08/07/17 18:50	109-99-9	
Toluene	**4.3**	ug/m3	1.3	0.068	1.74		08/07/17 18:50	108-88-3	
1,2,4-Trichlorobenzene	**<0.22**	ug/m3	6.6	0.22	1.74		08/07/17 18:50	120-82-1	
1,1,1-Trichloroethane	**2.6**	ug/m3	1.9	0.11	1.74		08/07/17 18:50	71-55-6	
1,1,2-Trichloroethane	**<0.071**	ug/m3	0.96	0.071	1.74		08/07/17 18:50	79-00-5	
Trichloroethene	**3.3**	ug/m3	0.96	0.065	1.74		08/07/17 18:50	79-01-6	
Trichlorofluoromethane	**86.5**	ug/m3	2.0	0.13	1.74		08/07/17 18:50	75-69-4	
1,1,2-Trichlorotrifluoroethane	**<0.080**	ug/m3	2.8	0.080	1.74		08/07/17 18:50	76-13-1	
1,2,4-Trimethylbenzene	**12.5**	ug/m3	1.7	0.060	1.74		08/07/17 18:50	95-63-6	
1,3,5-Trimethylbenzene	**7.0**	ug/m3	1.7	0.082	1.74		08/07/17 18:50	108-67-8	
Vinyl acetate	**1.8**	ug/m3	1.2	0.063	1.74		08/07/17 18:50	108-05-4	
Vinyl chloride	**<0.085**	ug/m3	0.45	0.085	1.74		08/07/17 18:50	75-01-4	
m&p-Xylene	**25.4**	ug/m3	3.1	0.14	1.74		08/07/17 18:50	179601-23-1	
o-Xylene	**13.1**	ug/m3	1.5	0.070	1.74		08/07/17 18:50	95-47-6	

Sample: VP-6 **Lab ID: 10398363010** Collected: 08/02/17 16:35 Received: 08/05/17 09:05 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15								
Acetone	**327**	ug/m3	4.3	0.54	1.8		08/07/17 19:25	67-64-1	
Benzene	**2.8**	ug/m3	0.58	0.072	1.8		08/07/17 19:25	71-43-2	
Benzyl chloride	**<0.081**	ug/m3	1.9	0.081	1.8		08/07/17 19:25	100-44-7	
Bromodichloromethane	**<0.060**	ug/m3	2.4	0.060	1.8		08/07/17 19:25	75-27-4	
Bromoform	**<0.070**	ug/m3	3.8	0.070	1.8		08/07/17 19:25	75-25-2	
Bromomethane	**<0.095**	ug/m3	1.4	0.095	1.8		08/07/17 19:25	74-83-9	
1,3-Butadiene	**<0.083**	ug/m3	0.81	0.083	1.8		08/07/17 19:25	106-99-0	
2-Butanone (MEK)	**143**	ug/m3	5.4	0.12	1.8		08/07/17 19:25	78-93-3	
Carbon disulfide	**14.5**	ug/m3	1.1	0.056	1.8		08/07/17 19:25	75-15-0	
Carbon tetrachloride	**<0.083**	ug/m3	1.2	0.083	1.8		08/07/17 19:25	56-23-5	
Chlorobenzene	**<0.069**	ug/m3	1.7	0.069	1.8		08/07/17 19:25	108-90-7	
Chloroethane	**<0.14**	ug/m3	0.97	0.14	1.8		08/07/17 19:25	75-00-3	
Chloroform	**2.2**	ug/m3	0.89	0.075	1.8		08/07/17 19:25	67-66-3	
Chloromethane	**<0.091**	ug/m3	0.76	0.091	1.8		08/07/17 19:25	74-87-3	
Cyclohexane	**4.4**	ug/m3	1.3	0.080	1.8		08/07/17 19:25	110-82-7	
Dibromochloromethane	**<0.068**	ug/m3	3.1	0.068	1.8		08/07/17 19:25	124-48-1	
1,2-Dibromoethane (EDB)	**<0.068**	ug/m3	2.8	0.068	1.8		08/07/17 19:25	106-93-4	
1,2-Dichlorobenzene	**<0.055**	ug/m3	2.2	0.055	1.8		08/07/17 19:25	95-50-1	
1,3-Dichlorobenzene	**<0.042**	ug/m3	2.2	0.042	1.8		08/07/17 19:25	541-73-1	
1,4-Dichlorobenzene	**<0.060**	ug/m3	2.2	0.060	1.8		08/07/17 19:25	106-46-7	
Dichlorodifluoromethane	**2.9**	ug/m3	1.8	0.15	1.8		08/07/17 19:25	75-71-8	
1,1-Dichloroethane	**<0.093**	ug/m3	1.5	0.093	1.8		08/07/17 19:25	75-34-3	
1,2-Dichloroethane	**<0.082**	ug/m3	0.74	0.082	1.8		08/07/17 19:25	107-06-2	

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ANALYTICAL RESULTS

Project: 0403363 Kraft Heinz Foods Co
Pace Project No.: 10398363

Sample: VP-6 **Lab ID: 10398363010** Collected: 08/02/17 16:35 Received: 08/05/17 09:05 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15								
1,1-Dichloroethene	**<0.11**	ug/m3	1.5	0.11	1.8		08/07/17 19:25	75-35-4	
cis-1,2-Dichloroethene	**<0.097**	ug/m3	1.5	0.097	1.8		08/07/17 19:25	156-59-2	
trans-1,2-Dichloroethene	**<0.087**	ug/m3	1.5	0.087	1.8		08/07/17 19:25	156-60-5	
1,2-Dichloropropane	**<0.085**	ug/m3	1.7	0.085	1.8		08/07/17 19:25	78-87-5	
cis-1,3-Dichloropropene	**<0.034**	ug/m3	1.7	0.034	1.8		08/07/17 19:25	10061-01-5	
trans-1,3-Dichloropropene	**<0.055**	ug/m3	1.7	0.055	1.8		08/07/17 19:25	10061-02-6	
Dichlorotetrafluoroethane	**<0.11**	ug/m3	2.6	0.11	1.8		08/07/17 19:25	76-14-2	
Ethanol	**68.1**	ug/m3	1.7	0.44	1.8		08/07/17 19:25	64-17-5	
Ethyl acetate	**<0.083**	ug/m3	1.3	0.083	1.8		08/07/17 19:25	141-78-6	
Ethylbenzene	**5.3**	ug/m3	1.6	0.070	1.8		08/07/17 19:25	100-41-4	
4-Ethyltoluene	**1.9**	ug/m3	1.8	0.054	1.8		08/07/17 19:25	622-96-8	
n-Heptane	**8.5**	ug/m3	1.5	0.091	1.8		08/07/17 19:25	142-82-5	
Hexachloro-1,3-butadiene	**<0.068**	ug/m3	9.8	0.068	1.8		08/07/17 19:25	87-68-3	
n-Hexane	**5.0**	ug/m3	1.3	0.075	1.8		08/07/17 19:25	110-54-3	
2-Hexanone	**5.9J**	ug/m3	7.5	0.097	1.8		08/07/17 19:25	591-78-6	
Methylene Chloride	**7.5**	ug/m3	6.4	0.78	1.8		08/07/17 19:25	75-09-2	
4-Methyl-2-pentanone (MIBK)	**2.4J**	ug/m3	7.5	0.10	1.8		08/07/17 19:25	108-10-1	
Methyl-tert-butyl ether	**<0.15**	ug/m3	6.6	0.15	1.8		08/07/17 19:25	1634-04-4	
Naphthalene	**<0.20**	ug/m3	4.8	0.20	1.8		08/07/17 19:25	91-20-3	
2-Propanol	**29.7**	ug/m3	4.5	0.25	1.8		08/07/17 19:25	67-63-0	
Propylene	**<0.11**	ug/m3	0.63	0.11	1.8		08/07/17 19:25	115-07-1	
Styrene	**<0.057**	ug/m3	1.6	0.057	1.8		08/07/17 19:25	100-42-5	
1,1,2,2-Tetrachloroethane	**<0.068**	ug/m3	1.3	0.068	1.8		08/07/17 19:25	79-34-5	
Tetrachloroethene	**19.4**	ug/m3	1.2	0.075	1.8		08/07/17 19:25	127-18-4	
Tetrahydrofuran	**33.6**	ug/m3	1.1	0.063	1.8		08/07/17 19:25	109-99-9	
Toluene	**13.9**	ug/m3	1.4	0.070	1.8		08/07/17 19:25	108-88-3	
1,2,4-Trichlorobenzene	**<0.23**	ug/m3	6.8	0.23	1.8		08/07/17 19:25	120-82-1	
1,1,1-Trichloroethane	**<0.11**	ug/m3	2.0	0.11	1.8		08/07/17 19:25	71-55-6	
1,1,2-Trichloroethane	**<0.073**	ug/m3	0.99	0.073	1.8		08/07/17 19:25	79-00-5	
Trichloroethene	**<0.067**	ug/m3	0.99	0.067	1.8		08/07/17 19:25	79-01-6	
Trichlorofluoromethane	**2.1**	ug/m3	2.1	0.13	1.8		08/07/17 19:25	75-69-4	
1,1,2-Trichlorotrifluoroethane	**1.2J**	ug/m3	2.9	0.083	1.8		08/07/17 19:25	76-13-1	
1,2,4-Trimethylbenzene	**10.9**	ug/m3	1.8	0.062	1.8		08/07/17 19:25	95-63-6	
1,3,5-Trimethylbenzene	**3.2**	ug/m3	1.8	0.085	1.8		08/07/17 19:25	108-67-8	
Vinyl acetate	**<0.065**	ug/m3	1.3	0.065	1.8		08/07/17 19:25	108-05-4	
Vinyl chloride	**<0.087**	ug/m3	0.47	0.087	1.8		08/07/17 19:25	75-01-4	
m&p-Xylene	**13.1**	ug/m3	3.2	0.14	1.8		08/07/17 19:25	179601-23-1	
o-Xylene	**7.3**	ug/m3	1.6	0.072	1.8		08/07/17 19:25	95-47-6	

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QUALITY CONTROL DATA

Project: 0403363 Kraft Heinz Foods Co
Pace Project No.: 10398363

QC Batch: 489598 | Analysis Method: TO-15
QC Batch Method: TO-15 | Analysis Description: TO15 MSV AIR Low Level
Associated Lab Samples: 10398363001, 10398363002, 10398363003, 10398363004, 10398363005, 10398363006, 10398363007, 10398363008, 10398363009, 10398363010

METHOD BLANK: 2663824 | Matrix: Air
Associated Lab Samples: 10398363001, 10398363002, 10398363003, 10398363004, 10398363005, 10398363006, 10398363007, 10398363008, 10398363009, 10398363010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/m3	<0.062	1.1	08/07/17 11:01	
1,1,2,2-Tetrachloroethane	ug/m3	<0.038	0.70	08/07/17 11:01	
1,1,2-Trichloroethane	ug/m3	<0.041	0.55	08/07/17 11:01	
1,1,2-Trichlorotrifluoroethane	ug/m3	<0.046	1.6	08/07/17 11:01	
1,1-Dichloroethane	ug/m3	<0.052	0.82	08/07/17 11:01	
1,1-Dichloroethene	ug/m3	<0.059	0.81	08/07/17 11:01	
1,2,4-Trichlorobenzene	ug/m3	<0.13	3.8	08/07/17 11:01	
1,2,4-Trimethylbenzene	ug/m3	<0.034	1.0	08/07/17 11:01	
1,2-Dibromoethane (EDB)	ug/m3	<0.038	1.6	08/07/17 11:01	
1,2-Dichlorobenzene	ug/m3	<0.030	1.2	08/07/17 11:01	
1,2-Dichloroethane	ug/m3	<0.046	0.41	08/07/17 11:01	
1,2-Dichloropropane	ug/m3	<0.047	0.94	08/07/17 11:01	
1,3,5-Trimethylbenzene	ug/m3	<0.047	1.0	08/07/17 11:01	
1,3-Butadiene	ug/m3	<0.046	0.45	08/07/17 11:01	
1,3-Dichlorobenzene	ug/m3	<0.024	1.2	08/07/17 11:01	
1,4-Dichlorobenzene	ug/m3	<0.034	1.2	08/07/17 11:01	
2-Butanone (MEK)	ug/m3	<0.068	3.0	08/07/17 11:01	
2-Hexanone	ug/m3	<0.054	4.2	08/07/17 11:01	
2-Propanol	ug/m3	<0.14	2.5	08/07/17 11:01	
4-Ethyltoluene	ug/m3	<0.030	1.0	08/07/17 11:01	
4-Methyl-2-pentanone (MIBK)	ug/m3	<0.058	4.2	08/07/17 11:01	
Acetone	ug/m3	<0.30	2.4	08/07/17 11:01	
Benzene	ug/m3	<0.040	0.32	08/07/17 11:01	
Benzyl chloride	ug/m3	<0.045	1.0	08/07/17 11:01	
Bromodichloromethane	ug/m3	<0.034	1.4	08/07/17 11:01	
Bromoform	ug/m3	<0.039	2.1	08/07/17 11:01	
Bromomethane	ug/m3	<0.053	0.79	08/07/17 11:01	
Carbon disulfide	ug/m3	<0.031	0.63	08/07/17 11:01	
Carbon tetrachloride	ug/m3	<0.046	0.64	08/07/17 11:01	
Chlorobenzene	ug/m3	<0.038	0.94	08/07/17 11:01	
Chloroethane	ug/m3	<0.076	0.54	08/07/17 11:01	
Chloroform	ug/m3	<0.042	0.50	08/07/17 11:01	
Chloromethane	ug/m3	<0.051	0.42	08/07/17 11:01	
cis-1,2-Dichloroethene	ug/m3	<0.054	0.81	08/07/17 11:01	
cis-1,3-Dichloropropene	ug/m3	<0.019	0.92	08/07/17 11:01	
Cyclohexane	ug/m3	<0.044	0.70	08/07/17 11:01	
Dibromochloromethane	ug/m3	<0.038	1.7	08/07/17 11:01	
Dichlorodifluoromethane	ug/m3	<0.083	1.0	08/07/17 11:01	
Dichlorotetrafluoroethane	ug/m3	<0.062	1.4	08/07/17 11:01	
Ethanol	ug/m3	<0.24	0.96	08/07/17 11:01	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 0403363 Kraft Heinz Foods Co
Pace Project No.: 10398363

METHOD BLANK: 2663824 Matrix: Air

Associated Lab Samples: 10398363001, 10398363002, 10398363003, 10398363004, 10398363005, 10398363006, 10398363007, 10398363008, 10398363009, 10398363010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethyl acetate	ug/m3	<0.046	0.73	08/07/17 11:01	
Ethylbenzene	ug/m3	<0.039	0.88	08/07/17 11:01	
Hexachloro-1,3-butadiene	ug/m3	<0.038	5.4	08/07/17 11:01	MN
m&p-Xylene	ug/m3	<0.079	1.8	08/07/17 11:01	
Methyl-tert-butyl ether	ug/m3	<0.086	3.7	08/07/17 11:01	
Methylene Chloride	ug/m3	<0.43	3.5	08/07/17 11:01	
n-Heptane	ug/m3	<0.050	0.83	08/07/17 11:01	
n-Hexane	ug/m3	<0.042	0.72	08/07/17 11:01	
Naphthalene	ug/m3	<0.11	2.7	08/07/17 11:01	
o-Xylene	ug/m3	<0.040	0.88	08/07/17 11:01	
Propylene	ug/m3	<0.063	0.35	08/07/17 11:01	
Styrene	ug/m3	<0.031	0.87	08/07/17 11:01	
Tetrachloroethene	ug/m3	<0.042	0.69	08/07/17 11:01	
Tetrahydrofuran	ug/m3	<0.035	0.60	08/07/17 11:01	
Toluene	ug/m3	0.39J	0.77	08/07/17 11:01	
trans-1,2-Dichloroethene	ug/m3	<0.048	0.81	08/07/17 11:01	
trans-1,3-Dichloropropene	ug/m3	<0.030	0.92	08/07/17 11:01	
Trichloroethene	ug/m3	<0.037	0.55	08/07/17 11:01	
Trichlorofluoromethane	ug/m3	<0.073	1.1	08/07/17 11:01	
Vinyl acetate	ug/m3	<0.036	0.72	08/07/17 11:01	
Vinyl chloride	ug/m3	<0.049	0.26	08/07/17 11:01	

LABORATORY CONTROL SAMPLE: 2663825

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/m3	55.5	55.6	100	70-134	
1,1,2,2-Tetrachloroethane	ug/m3	69.8	73.1	105	70-130	
1,1,2-Trichloroethane	ug/m3	55.5	56.7	102	70-130	
1,1,2-Trichlorotrifluoroethane	ug/m3	77.9	77.6	100	70-130	
1,1-Dichloroethane	ug/m3	41.1	41.4	101	70-130	
1,1-Dichloroethene	ug/m3	40.3	41.0	102	70-130	
1,2,4-Trichlorobenzene	ug/m3	75.4	80.2	106	60-150	
1,2,4-Trimethylbenzene	ug/m3	50	50.7	102	70-136	
1,2-Dibromoethane (EDB)	ug/m3	78.1	79.2	101	70-130	
1,2-Dichlorobenzene	ug/m3	61.1	61.5	101	70-139	
1,2-Dichloroethane	ug/m3	41.1	41.2	100	70-130	
1,2-Dichloropropane	ug/m3	47	49.0	104	70-131	
1,3,5-Trimethylbenzene	ug/m3	50	50.7	101	70-133	
1,3-Butadiene	ug/m3	22.5	24.2	108	70-130	
1,3-Dichlorobenzene	ug/m3	61.1	60.7	99	70-144	
1,4-Dichlorobenzene	ug/m3	61.1	59.6	98	70-139	
2-Butanone (MEK)	ug/m3	30	34.4	115	70-130	
2-Hexanone	ug/m3	104	107	103	70-138	

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QUALITY CONTROL DATA

Project: 0403363 Kraft Heinz Foods Co
Pace Project No.: 10398363

LABORATORY CONTROL SAMPLE: 2663825

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Propanol	ug/m3	125	123	99	70-130	
4-Ethyltoluene	ug/m3	50	50.7	101	70-135	
4-Methyl-2-pentanone (MIBK)	ug/m3	104	105	101	70-130	
Acetone	ug/m3	121	115	95	64-130	
Benzene	ug/m3	32.5	32.6	100	70-130	
Benzyl chloride	ug/m3	52.6	59.5	113	70-144	
Bromodichloromethane	ug/m3	68.1	71.4	105	70-134	
Bromoform	ug/m3	105	134	128	70-150	
Bromomethane	ug/m3	39.5	40.4	102	70-130	
Carbon disulfide	ug/m3	31.6	31.9	101	70-134	
Carbon tetrachloride	ug/m3	64	72.9	114	68-150	
Chlorobenzene	ug/m3	46.8	45.9	98	70-132	
Chloroethane	ug/m3	26.8	29.5	110	70-132	
Chloroform	ug/m3	49.6	49.2	99	70-130	
Chloromethane	ug/m3	21	21.4	102	70-130	
cis-1,2-Dichloroethene	ug/m3	40.3	41.3	102	70-133	
cis-1,3-Dichloropropene	ug/m3	46.1	48.0	104	70-137	
Cyclohexane	ug/m3	35	36.2	104	70-130	
Dibromochloromethane	ug/m3	86.6	96.2	111	70-144	
Dichlorodifluoromethane	ug/m3	50.3	50.4	100	70-130	
Dichlorotetrafluoroethane	ug/m3	71	71.1	100	70-130	
Ethanol	ug/m3	91.6	99.7	109	70-136	
Ethyl acetate	ug/m3	36.6	37.9	103	70-130	
Ethylbenzene	ug/m3	44.1	44.5	101	70-134	
Hexachloro-1,3-butadiene	ug/m3	108	121	112	45-150	
m&p-Xylene	ug/m3	88.3	88.1	100	70-130	
Methyl-tert-butyl ether	ug/m3	91.6	90.2	99	66-148	
Methylene Chloride	ug/m3	177	168	95	67-133	
n-Heptane	ug/m3	41.6	42.7	103	70-130	
n-Hexane	ug/m3	35.8	36.2	101	67-132	
Naphthalene	ug/m3	53.3	58.0	109	53-150	
o-Xylene	ug/m3	44.1	43.7	99	70-130	
Propylene	ug/m3	17.5	18.9	108	70-135	
Styrene	ug/m3	43.3	46.6	108	70-139	
Tetrachloroethene	ug/m3	68.9	68.0	99	70-130	
Tetrahydrofuran	ug/m3	30	32.5	108	70-130	
Toluene	ug/m3	38.3	38.1	100	70-130	
trans-1,2-Dichloroethene	ug/m3	40.3	40.8	101	70-131	
trans-1,3-Dichloropropene	ug/m3	46.1	49.6	107	70-142	
Trichloroethene	ug/m3	54.6	53.5	98	70-130	
Trichlorofluoromethane	ug/m3	57.1	56.3	99	70-130	
Vinyl acetate	ug/m3	35.8	38.1	107	70-137	
Vinyl chloride	ug/m3	26	27.0	104	70-130	

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QUALITY CONTROL DATA

Project: 0403363 Kraft Heinz Foods Co
Pace Project No.: 10398363

SAMPLE DUPLICATE: 2664015

Parameter	Units	10398231011 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/m3	ND	<0.089		25	
1,1,2,2-Tetrachloroethane	ug/m3	ND	<0.054		25	
1,1,2-Trichloroethane	ug/m3	ND	<0.058		25	
1,1,2-Trichlorotrifluoroethane	ug/m3	ND	<0.066		25	
1,1-Dichloroethane	ug/m3	ND	<0.074		25	
1,1-Dichloroethene	ug/m3	ND	<0.085		25	
1,2,4-Trichlorobenzene	ug/m3	ND	<0.18		25	
1,2,4-Trimethylbenzene	ug/m3	ND	0.90J		25	
1,2-Dibromoethane (EDB)	ug/m3	ND	<0.055		25	
1,2-Dichlorobenzene	ug/m3	ND	<0.044		25	
1,2-Dichloroethane	ug/m3	ND	<0.066		25	
1,2-Dichloropropane	ug/m3	ND	<0.068		25	
1,3,5-Trimethylbenzene	ug/m3	ND	<0.068		25	
1,3-Butadiene	ug/m3	ND	<0.066		25	
1,3-Dichlorobenzene	ug/m3	ND	<0.034		25	
1,4-Dichlorobenzene	ug/m3	ND	<0.048		25	
2-Butanone (MEK)	ug/m3	6.3	6.3	1	25	
2-Hexanone	ug/m3	ND	<0.077		25	
2-Propanol	ug/m3	5.9	5.8	1	25	
4-Ethyltoluene	ug/m3	ND	<0.043		25	
4-Methyl-2-pentanone (MIBK)	ug/m3	ND	0.83J		25	
Acetone	ug/m3	47.6	47.3	1	25	
Benzene	ug/m3	1.1	1.1	2	25	
Benzyl chloride	ug/m3	ND	<0.065		25	
Bromodichloromethane	ug/m3	ND	<0.048		25	
Bromoform	ug/m3	ND	<0.056		25	
Bromomethane	ug/m3	ND	<0.076		25	
Carbon disulfide	ug/m3	ND	0.86J		25	
Carbon tetrachloride	ug/m3	ND	<0.066		25	
Chlorobenzene	ug/m3	ND	<0.055		25	
Chloroethane	ug/m3	ND	<0.11		25	
Chloroform	ug/m3	ND	<0.060		25	
Chloromethane	ug/m3	0.80	0.86	6	25	
cis-1,2-Dichloroethene	ug/m3	ND	<0.077		25	
cis-1,3-Dichloropropene	ug/m3	ND	<0.027		25	
Cyclohexane	ug/m3	1.1	1.1	5	25	
Dibromochloromethane	ug/m3	ND	<0.055		25	
Dichlorodifluoromethane	ug/m3	1.6	1.7	2	25	
Dichlorotetrafluoroethane	ug/m3	ND	<0.090		25	
Ethanol	ug/m3	40.9	41.1	0	25	
Ethyl acetate	ug/m3	4.1	4.2	3	25	
Ethylbenzene	ug/m3	1.5	1.5	1	25	
Hexachloro-1,3-butadiene	ug/m3	ND	<0.054		25	
m&p-Xylene	ug/m3	3.9	4.0	1	25	
Methyl-tert-butyl ether	ug/m3	ND	<0.12		25	
Methylene Chloride	ug/m3	ND	3.9J		25	
n-Heptane	ug/m3	ND	<0.073		25	

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QUALITY CONTROL DATA

Project: 0403363 Kraft Heinz Foods Co
Pace Project No.: 10398363

SAMPLE DUPLICATE: 2664015

Parameter	Units	10398231011 Result	Dup Result	RPD	Max RPD	Qualifiers
n-Hexane	ug/m3	2.5	2.5	1	25	
Naphthalene	ug/m3	ND	<0.16		25	
o-Xylene	ug/m3	1.6	1.7	2	25	
Propylene	ug/m3	ND	<0.091		25	
Styrene	ug/m3	ND	0.79J		25	
Tetrachloroethene	ug/m3	54.7	55.3	1	25	
Tetrahydrofuran	ug/m3	ND	<0.051		25	
Toluene	ug/m3	5.8	5.8	0	25	
trans-1,2-Dichloroethene	ug/m3	ND	<0.070		25	
trans-1,3-Dichloropropene	ug/m3	ND	<0.044		25	
Trichloroethene	ug/m3	6.6	6.7	1	25	
Trichlorofluoromethane	ug/m3	ND	1.1J		25	
Vinyl acetate	ug/m3	1.6	1.7	2	25	
Vinyl chloride	ug/m3	ND	<0.070		25	

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QUALIFIERS

Project: 0403363 Kraft Heinz Foods Co
Pace Project No.: 10398363

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above LOD.

J - Estimated concentration at or above the LOD and below the LOQ.

LOD - Limit of Detection adjusted for dilution factor and percent moisture.

LOQ - Limit of Quantitation adjusted for dilution factor and percent moisture.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected at or above the adjusted LOD.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

LABORATORIES

PASI-M	Pace Analytical Services - Minneapolis

ANALYTE QUALIFIERS

E	Analyte concentration exceeded the calibration range. The reported result is estimated.
MN	The reporting limit has been raised in accordance with Minnesota Statutes 4740.2100 Subpart 8. C, D. Reporting Limit Evaluation Rule.

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1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 0403363 Kraft Heinz Foods Co
Pace Project No.: 10398363

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
10398363001	**VP-10**	TO-15	489598		
10398363002	**VP-9**	TO-15	489598		
10398363003	**VP-7**	TO-15	489598		
10398363004	**VP-8**	TO-15	489598		
10398363005	**VP-2**	TO-15	489598		
10398363006	**VP-3**	TO-15	489598		
10398363007	**VP-4**	TO-15	489598		
10398363008	**VP-5**	TO-15	489598		
10398363009	**VP-1**	TO-15	489598		
10398363010	**VP-6**	TO-15	489598		

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10398363

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AIR: CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

27622

Page: 1 of 1

Section A Required Client Information:

Company: ERM
Address: Holland, MI
Email To: andrew.dewitt@erm.com
Phone: Fax:
Requested Due Date/TAT: Standard

Section B Required Project Information:

Report To: Andrew DeWitt
Copy To: Stephen Hoekwater
Stephen.hoekwater@erm.com
Purchase Order No.:
Project Name: Kraft Heinz Foods Co
Project Number: 0403363

Section C Invoice Information:

Attention:
Company Name:
Address:
Pace Quote Reference:
Pace Project Manager/Sales Rep.
Pace Profile #:

Program: ☐ UST ☐ Superfund ☐ Emissions ☐ Clean Air Act ☐ Voluntary Clean Up ☐ Dry Clean ☐ RCRA ☐ Other ____

Location of Sampling by State: WIS

Reporting Units: ug/m³ ___ mg/m³ ___ PPBV ___ PPMV ___ Other ___

Report Level II.___ III.___ IV.___ Other ____

Method:

Section D Required Client Information

AIR SAMPLE ID

Sample IDs MUST BE UNIQUE

Valid Media Codes

MEDIA	CODE
Tedlar Bag	TB
1 Liter Summa Can	1LC
6 Liter Summa Can	6LC
Low Volume Puff	LVP
High Volume Puff	HVP
Other	PM10

ITEM #	Section D Required Client Information (AIR SAMPLE ID)	MEDIA CODE	PID Reading (Client only)	COLLECTED Composite Start End/Grab DATE	TIME	Composite - DATE	TIME	Canister Pressure (Initial Field - psig)	Canister Pressure (Final Field - psig)	Summa Can Number	Flow Control Number	PM10	3C-Fixed Gas (%)	TO-3	TO-3M (Methane)	TO-4 (PCBs)	TO-13 (PAH)	TO-14	TO-15	TO15 Short List*	Pace Lab ID
1	VP-10	1LC		8/2/17	921	8/2	934	-35	-8	1134	FC1284							X			001
2	VP-9	1LC		8/2	953	8/2	10:07	-30	-2.5	1316	FC1492							X			002
3	VP-7	1LC		8/2	1045	8/2	1056	-26.5	-2	2736	FC1342							X			003
4	VP-8	1LC		8/2	11:57	8/2	1208	-27.5	-2	1024	FC1311							X			004
5	VP-2	1LC		8/2	1230	8/2	1244	-29	-2	1014	FC1495							X			005
6	VP-3	1LC		8/2/17	1257	8/2	1311	-30	-2.5	3149	FC1343							X			006
7	VP-4	1LC		8/2/17	1440	8/2	1453	-29.5	-3	1108	FC1307							X			007
8	VP-5	1LC		8/2	15:14	8/2	15:28	-30	-2	2945	FC1488							X			008
9	VP-1	1LC		8/2	15:50	8/2	1604	-29.5	-2	3132	FC1466							X			009
10	VP-6	1LC		8/2/17	1622	8/2/17	1635	-28.5	-2	2615	FC1485							X			010
11																					
12																					

Comments: Summa can #1134 upon arrival w/ closed valve was ~ -6" Hg

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
Steve Hoekwater	8/2/17	17:30	Pace	8/5/17	9:05

SAMPLE CONDITIONS

Temp in °C	Received on Ice	Custody Sealed Cooler	Samples Intact
—	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER:

SIGNATURE of SAMPLER: DATE Signed (MM / DD / YY)

ORIGINAL

1700 Elm Street SE, Suite 200, Minneapolis, MN 55414 Air Technical Phone: 612.607.6386

Pace Analytical	Document Name: Air Sample Condition Upon Receipt	Document Revised: 26APR2016 Page 1 of 1
	Document No.: F-MN-A-106-rev.11	Issuing Authority: Pace Minnesota Quality Office

Air Sample Condition Upon Receipt

Client Name: ERM

Project #: WO# : 10398363

10398363

Courier: ☐ Fed Ex ☐ UPS ☐ Speedee ☐ Client ☐ Commercial ☐ Pace ☒ Other: Walter

Tracking Number:

Custody Seal on Cooler/Box Present? ☐ Yes ☒ No **Seals Intact?** ☐ Yes ☒ No

Optional: Proj. Due Date: Proj. Name:

Packing Material: ☒ Bubble Wrap ☐ Bubble Bags ☒ Foam ☐ None ☐ Tin Can ☐ Other: **Temp Blank rec:** ☐ Yes ☒ No

Temp. (TO17 and TO13 samples only) (°C): — **Corrected Temp (°C):** — **Thermom. Used:** ☐ B88A912167504 ☐ B88A0143310098 ☐ 151401163 ☐ 151401164

Temp should be above freezing to 6°C **Correction Factor:** —

Date & Initials of Person Examining Contents: RG 8/5/17

Type of ice Received ☐ Blue ☐ Wet ☒ None

				Comments:
Chain of Custody Present?	☒ Yes	☐ No	☐ N/A	1.
Chain of Custody Filled Out?	☒ Yes	☐ No	☐ N/A	2.
Chain of Custody Relinquished?	☒ Yes	☐ No	☐ N/A	3.
Sampler Name and/or Signature on COC?	☐ Yes	☒ No	☐ N/A	4.
Samples Arrived within Hold Time?	☒ Yes	☐ No	☐ N/A	5.
Short Hold Time Analysis (<72 hr)?	☐ Yes	☒ No	☐ N/A	6.
Rush Turn Around Time Requested?	☐ Yes	☒ No	☐ N/A	7.
Sufficient Volume?	☒ Yes	☐ No	☐ N/A	8.
Correct Containers Used?	☒ Yes	☐ No	☐ N/A	9.
-Pace Containers Used?	☒ Yes	☐ No	☐ N/A	
Containers Intact?	☒ Yes	☐ No	☐ N/A	10.
Media: (Air Can) Airbag Filter TDT Passive				11.
Sample Labels Match COC?	☒ Yes	☐ No	☐ N/A	12.

Samples Received:

Canisters			Canisters		
Sample Number	Can ID	Flow Controller ID	Sample Number	Can ID	Flow Controller ID

CLIENT NOTIFICATION/RESOLUTION

Field Data Required? ☐ Yes ☐ No

Person Contacted: Date/Time:

Comments/Resolution:

Project Manager Review: Carolyne Hart **Date:** 8/7/17

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e out of hold, incorrect preservative, out of temp, incorrect containers)

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

September 13, 2017

David De Courcy-Bower
ERM
700 West Virginia Street
Suite 601
Milwaukee, WI 53204

RE: Project: 0403363 Kraft
Pace Project No.: 10402232

Dear David Courcy-Bower:
Enclosed are the analytical results for sample(s) received by the laboratory on September 07, 2017. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Carolynne Trout

Carolynne Trout
carolynne.trout@pacelabs.com
1(612)607-6351
Project Manager

Enclosures

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CERTIFICATIONS

Project: 0403363 Kraft
Pace Project No.: 10402232

Minnesota Certification IDs
1700 Elm Street SE, Suite 200, Minneapolis, MN 55414-2485
A2LA Certification #: 2926.01
Alabama Certification #: 40770
Alaska Contaminated Sites Certification #: UST-078
Alaska DW Certification #: MN00064
Arizona Certification #: AZ0014
Arkansas Certification #: 88-0680
California Certification #: MN00064
CNMI Saipan Certification #:MP0003
Colorado Certification #: MN00064
Connecticut Certification #: PH-0256
EPA Region 8+Wyoming Certification #: via MN 027-053-137
Florida Certification #: E87605
Georgia Certification #: 959
Guam EPA Certification #: MN00064
Hawaii Certification #: MN00064
Idaho Certification #: MN00064
Illinois Certification #: 200011
Indiana Certification #: C-MN-01
Iowa Certification #: 368
Kansas Certification #: E-10167
Kentucky DW Certification #: 90062
Kentucky WW Certification #: 90062
Louisiana DEQ Certification #: 03086
Louisiana DW Certification #: MN00064
Maine Certification #: MN00064
Maryland Certification #: 322
Massachusetts Certification #: M-MN064
Michigan Certification #: 9909
Minnesota Certification #: 027-053-137
Mississippi Certification #: MN00064
Montana Certification #: CERT0092
Nebraska Certification #: NE-OS-18-06
Nevada Certification #: MN00064
New Hampshire Certification #: 2081
New Jersey Certification #: MN002
New York Certification #: 11647
North Carolina DW Certification #: 27700
North Carolina WW Certification #: 530
North Dakota Certification #: R-036
Ohio DW Certification #: 41244
Ohio VAP Certification #: CL101
Oklahoma Certification #: 9507
Oregon NwTPH Certification #: MN300001
Oregon Secondary Certification #: MN200001
Pennsylvania Certification #: 68-00563
Puerto Rico Certification #: MN00064
South Carolina Certification #:74003001
Tennessee Certification #: TN02818
Texas Certification #: T104704192
Utah Certification #: MN00064
Virginia Certification #: 460163
Washington Certification #: C486
West Virginia DW Certification #: 9952 C
West Virginia DEP Certification #: 382
Wisconsin Certification #: 999407970
Wyoming via EPA Region 8 Certification #: 8TMS-L

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SAMPLE SUMMARY

Project: 0403363 Kraft
Pace Project No.: 10402232

Lab ID	Sample ID	Matrix	Date Collected	Date Received
10402232001	**VP-11**	Air	09/06/17 14:07	09/07/17 11:45
10402232002	**VP-12**	Air	09/06/17 14:32	09/07/17 11:45
10402232003	**VP-13**	Air	09/06/17 15:02	09/07/17 11:45
10402232004	**VP-14**	Air	09/06/17 15:28	09/07/17 11:45
10402232005	**VP-15**	Air	09/06/17 15:53	09/07/17 11:45
10402232006	**VP-16**	Air	09/06/17 16:17	09/07/17 11:45

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SAMPLE ANALYTE COUNT

Project: 0403363 Kraft
Pace Project No.: 10402232

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
10402232001	**VP-11**	TO-15	MJL	61	PASI-M
10402232002	**VP-12**	TO-15	MJL	61	PASI-M
10402232003	**VP-13**	TO-15	MJL	61	PASI-M
10402232004	**VP-14**	TO-15	MJL	61	PASI-M
10402232005	**VP-15**	TO-15	MJL	61	PASI-M
10402232006	**VP-16**	TO-15	MJL	61	PASI-M

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ANALYTICAL RESULTS

Project: 0403363 Kraft
Pace Project No.: 10402232

Sample: VP-11 **Lab ID: 10402232001** Collected: 09/06/17 14:07 Received: 09/07/17 11:45 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15								
Acetone	**2030**	ug/m3	164	102	67.87		09/12/17 20:19	67-64-1	
Benzene	**19.0**	ug/m3	1.3	0.31	2.02		09/11/17 20:41	71-43-2	
Benzyl chloride	**<0.48**	ug/m3	2.1	0.48	2.02		09/11/17 20:41	100-44-7	
Bromodichloromethane	**<0.72**	ug/m3	2.7	0.72	2.02		09/11/17 20:41	75-27-4	
Bromoform	**<1.4**	ug/m3	10.6	1.4	2.02		09/11/17 20:41	75-25-2	
Bromomethane	**<0.42**	ug/m3	1.6	0.42	2.02		09/11/17 20:41	74-83-9	
1,3-Butadiene	**<0.42**	ug/m3	0.91	0.42	2.02		09/11/17 20:41	106-99-0	
2-Butanone (MEK)	**35.7**	ug/m3	6.1	0.41	2.02		09/11/17 20:41	78-93-3	
Carbon disulfide	**4.8**	ug/m3	1.3	0.36	2.02		09/11/17 20:41	75-15-0	L1
Carbon tetrachloride	**1.3J**	ug/m3	1.3	0.64	2.02		09/11/17 20:41	56-23-5	
Chlorobenzene	**<0.36**	ug/m3	1.9	0.36	2.02		09/11/17 20:41	108-90-7	
Chloroethane	**<0.41**	ug/m3	1.1	0.41	2.02		09/11/17 20:41	75-00-3	
Chloroform	**11.3**	ug/m3	1.0	0.47	2.02		09/11/17 20:41	67-66-3	
Chloromethane	**<0.27**	ug/m3	0.85	0.27	2.02		09/11/17 20:41	74-87-3	
Cyclohexane	**44.9**	ug/m3	1.4	0.46	2.02		09/11/17 20:41	110-82-7	
Dibromochloromethane	**<0.89**	ug/m3	3.5	0.89	2.02		09/11/17 20:41	124-48-1	
1,2-Dibromoethane (EDB)	**<0.67**	ug/m3	3.2	0.67	2.02		09/11/17 20:41	106-93-4	
1,2-Dichlorobenzene	**<0.66**	ug/m3	2.5	0.66	2.02		09/11/17 20:41	95-50-1	
1,3-Dichlorobenzene	**<0.94**	ug/m3	2.5	0.94	2.02		09/11/17 20:41	541-73-1	
1,4-Dichlorobenzene	**<0.42**	ug/m3	2.5	0.42	2.02		09/11/17 20:41	106-46-7	
Dichlorodifluoromethane	**113**	ug/m3	2.0	0.84	2.02		09/11/17 20:41	75-71-8	
1,1-Dichloroethane	**<0.43**	ug/m3	1.7	0.43	2.02		09/11/17 20:41	75-34-3	
1,2-Dichloroethane	**<0.40**	ug/m3	1.7	0.40	2.02		09/11/17 20:41	107-06-2	
1,1-Dichloroethene	**<0.48**	ug/m3	1.6	0.48	2.02		09/11/17 20:41	75-35-4	
cis-1,2-Dichloroethene	**25.2**	ug/m3	1.6	0.69	2.02		09/11/17 20:41	156-59-2	
trans-1,2-Dichloroethene	**7.2**	ug/m3	1.6	0.60	2.02		09/11/17 20:41	156-60-5	
1,2-Dichloropropane	**<0.62**	ug/m3	1.9	0.62	2.02		09/11/17 20:41	78-87-5	
cis-1,3-Dichloropropene	**<0.49**	ug/m3	1.9	0.49	2.02		09/11/17 20:41	10061-01-5	
trans-1,3-Dichloropropene	**<0.85**	ug/m3	1.9	0.85	2.02		09/11/17 20:41	10061-02-6	
Dichlorotetrafluoroethane	**<0.89**	ug/m3	2.9	0.89	2.02		09/11/17 20:41	76-14-2	
Ethanol	**36.8**	ug/m3	3.9	0.94	2.02		09/11/17 20:41	64-17-5	
Ethyl acetate	**<0.40**	ug/m3	1.5	0.40	2.02		09/11/17 20:41	141-78-6	
Ethylbenzene	**40.5**	ug/m3	1.8	0.35	2.02		09/11/17 20:41	100-41-4	
4-Ethyltoluene	**4.2**	ug/m3	2.0	0.43	2.02		09/11/17 20:41	622-96-8	
n-Heptane	**69.4**	ug/m3	1.7	0.42	2.02		09/11/17 20:41	142-82-5	
Hexachloro-1,3-butadiene	**<1.8**	ug/m3	4.4	1.8	2.02		09/11/17 20:41	87-68-3	
n-Hexane	**124**	ug/m3	1.5	0.67	2.02		09/11/17 20:41	110-54-3	
2-Hexanone	**<1.2**	ug/m3	8.4	1.2	2.02		09/11/17 20:41	591-78-6	
Methylene Chloride	**10.1**	ug/m3	7.1	3.1	2.02		09/11/17 20:41	75-09-2	
4-Methyl-2-pentanone (MIBK)	**<0.72**	ug/m3	8.4	0.72	2.02		09/11/17 20:41	108-10-1	
Methyl-tert-butyl ether	**<1.3**	ug/m3	7.4	1.3	2.02		09/11/17 20:41	1634-04-4	
Naphthalene	**7.8**	ug/m3	5.4	1.2	2.02		09/11/17 20:41	91-20-3	
2-Propanol	**185**	ug/m3	5.0	2.5	2.02		09/11/17 20:41	67-63-0	
Propylene	**<0.32**	ug/m3	0.71	0.32	2.02		09/11/17 20:41	115-07-1	
Styrene	**<0.34**	ug/m3	1.8	0.34	2.02		09/11/17 20:41	100-42-5	
1,1,2,2-Tetrachloroethane	**<0.59**	ug/m3	2.8	0.59	2.02		09/11/17 20:41	79-34-5	

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ANALYTICAL RESULTS

Project: 0403363 Kraft
Pace Project No.: 10402232

Sample: VP-11 **Lab ID: 10402232001** Collected: 09/06/17 14:07 Received: 09/07/17 11:45 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15								
Tetrachloroethene	**368**	ug/m3	2.8	0.58	2.02		09/11/17 20:41	127-18-4	
Tetrahydrofuran	**<0.55**	ug/m3	1.2	0.55	2.02		09/11/17 20:41	109-99-9	
Toluene	**89.9**	ug/m3	1.6	0.32	2.02		09/11/17 20:41	108-88-3	
1,2,4-Trichlorobenzene	**<1.9**	ug/m3	7.6	1.9	2.02		09/11/17 20:41	120-82-1	
1,1,1-Trichloroethane	**2.4**	ug/m3	2.2	0.69	2.02		09/11/17 20:41	71-55-6	
1,1,2-Trichloroethane	**<0.45**	ug/m3	2.2	0.45	2.02		09/11/17 20:41	79-00-5	
Trichloroethene	**927**	ug/m3	74.1	18.2	67.87		09/12/17 20:19	79-01-6	
Trichlorofluoromethane	**<0.84**	ug/m3	2.3	0.84	2.02		09/11/17 20:41	75-69-4	
1,1,2-Trichlorotrifluoroethane	**<0.75**	ug/m3	3.2	0.75	2.02		09/11/17 20:41	76-13-1	
1,2,4-Trimethylbenzene	**23.4**	ug/m3	2.0	0.35	2.02		09/11/17 20:41	95-63-6	
1,3,5-Trimethylbenzene	**6.7**	ug/m3	2.0	0.83	2.02		09/11/17 20:41	108-67-8	
Vinyl acetate	**<0.32**	ug/m3	1.4	0.32	2.02		09/11/17 20:41	108-05-4	
Vinyl chloride	**<0.25**	ug/m3	1.1	0.25	2.02		09/11/17 20:41	75-01-4	
m&p-Xylene	**42.9**	ug/m3	3.6	0.70	2.02		09/11/17 20:41	179601-23-1	
o-Xylene	**18.1**	ug/m3	1.8	0.75	2.02		09/11/17 20:41	95-47-6	

Sample: VP-12 **Lab ID: 10402232002** Collected: 09/06/17 14:32 Received: 09/07/17 11:45 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15								
Acetone	**1180**	ug/m3	4.9	3.0	2.02		09/11/17 21:08	67-64-1	E
Benzene	**22.9**	ug/m3	1.3	0.31	2.02		09/11/17 21:08	71-43-2	
Benzyl chloride	**<0.48**	ug/m3	2.1	0.48	2.02		09/11/17 21:08	100-44-7	
Bromodichloromethane	**<0.72**	ug/m3	2.7	0.72	2.02		09/11/17 21:08	75-27-4	
Bromoform	**<1.4**	ug/m3	10.6	1.4	2.02		09/11/17 21:08	75-25-2	
Bromomethane	**<0.42**	ug/m3	1.6	0.42	2.02		09/11/17 21:08	74-83-9	
1,3-Butadiene	**<0.42**	ug/m3	0.91	0.42	2.02		09/11/17 21:08	106-99-0	
2-Butanone (MEK)	**76.1**	ug/m3	6.1	0.41	2.02		09/11/17 21:08	78-93-3	
Carbon disulfide	**3.3**	ug/m3	1.3	0.36	2.02		09/11/17 21:08	75-15-0	L1
Carbon tetrachloride	**0.91J**	ug/m3	1.3	0.64	2.02		09/11/17 21:08	56-23-5	
Chlorobenzene	**<0.36**	ug/m3	1.9	0.36	2.02		09/11/17 21:08	108-90-7	
Chloroethane	**<0.41**	ug/m3	1.1	0.41	2.02		09/11/17 21:08	75-00-3	
Chloroform	**4.1**	ug/m3	1.0	0.47	2.02		09/11/17 21:08	67-66-3	
Chloromethane	**<0.27**	ug/m3	0.85	0.27	2.02		09/11/17 21:08	74-87-3	
Cyclohexane	**99.4**	ug/m3	1.4	0.46	2.02		09/11/17 21:08	110-82-7	
Dibromochloromethane	**<0.89**	ug/m3	3.5	0.89	2.02		09/11/17 21:08	124-48-1	
1,2-Dibromoethane (EDB)	**<0.67**	ug/m3	3.2	0.67	2.02		09/11/17 21:08	106-93-4	
1,2-Dichlorobenzene	**<0.66**	ug/m3	2.5	0.66	2.02		09/11/17 21:08	95-50-1	
1,3-Dichlorobenzene	**<0.94**	ug/m3	2.5	0.94	2.02		09/11/17 21:08	541-73-1	
1,4-Dichlorobenzene	**<0.42**	ug/m3	2.5	0.42	2.02		09/11/17 21:08	106-46-7	
Dichlorodifluoromethane	**115**	ug/m3	2.0	0.84	2.02		09/11/17 21:08	75-71-8	
1,1-Dichloroethane	**<0.43**	ug/m3	1.7	0.43	2.02		09/11/17 21:08	75-34-3	
1,2-Dichloroethane	**<0.40**	ug/m3	1.7	0.40	2.02		09/11/17 21:08	107-06-2	

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ANALYTICAL RESULTS

Project: 0403363 Kraft
Pace Project No.: 10402232

Sample: VP-12 **Lab ID: 10402232002** Collected: 09/06/17 14:32 Received: 09/07/17 11:45 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15								
1,1-Dichloroethene	**<0.48**	ug/m3	1.6	0.48	2.02		09/11/17 21:08	75-35-4	
cis-1,2-Dichloroethene	**1.4J**	ug/m3	1.6	0.69	2.02		09/11/17 21:08	156-59-2	
trans-1,2-Dichloroethene	**<0.60**	ug/m3	1.6	0.60	2.02		09/11/17 21:08	156-60-5	
1,2-Dichloropropane	**<0.62**	ug/m3	1.9	0.62	2.02		09/11/17 21:08	78-87-5	
cis-1,3-Dichloropropene	**<0.49**	ug/m3	1.9	0.49	2.02		09/11/17 21:08	10061-01-5	
trans-1,3-Dichloropropene	**<0.85**	ug/m3	1.9	0.85	2.02		09/11/17 21:08	10061-02-6	
Dichlorotetrafluoroethane	**<0.89**	ug/m3	2.9	0.89	2.02		09/11/17 21:08	76-14-2	
Ethanol	**114**	ug/m3	3.9	0.94	2.02		09/11/17 21:08	64-17-5	
Ethyl acetate	**1.6**	ug/m3	1.5	0.40	2.02		09/11/17 21:08	141-78-6	
Ethylbenzene	**59.2**	ug/m3	1.8	0.35	2.02		09/11/17 21:08	100-41-4	
4-Ethyltoluene	**9.2**	ug/m3	2.0	0.43	2.02		09/11/17 21:08	622-96-8	
n-Heptane	**122**	ug/m3	1.7	0.42	2.02		09/11/17 21:08	142-82-5	
Hexachloro-1,3-butadiene	**<1.8**	ug/m3	4.4	1.8	2.02		09/11/17 21:08	87-68-3	
n-Hexane	**193**	ug/m3	1.5	0.67	2.02		09/11/17 21:08	110-54-3	
2-Hexanone	**<1.2**	ug/m3	8.4	1.2	2.02		09/11/17 21:08	591-78-6	
Methylene Chloride	**22.1**	ug/m3	7.1	3.1	2.02		09/11/17 21:08	75-09-2	
4-Methyl-2-pentanone (MIBK)	**1.2J**	ug/m3	8.4	0.72	2.02		09/11/17 21:08	108-10-1	
Methyl-tert-butyl ether	**<1.3**	ug/m3	7.4	1.3	2.02		09/11/17 21:08	1634-04-4	
Naphthalene	**15.9**	ug/m3	5.4	1.2	2.02		09/11/17 21:08	91-20-3	
2-Propanol	**265**	ug/m3	5.0	2.5	2.02		09/11/17 21:08	67-63-0	
Propylene	**<0.32**	ug/m3	0.71	0.32	2.02		09/11/17 21:08	115-07-1	
Styrene	**<0.34**	ug/m3	1.8	0.34	2.02		09/11/17 21:08	100-42-5	
1,1,2,2-Tetrachloroethane	**<0.59**	ug/m3	2.8	0.59	2.02		09/11/17 21:08	79-34-5	
Tetrachloroethene	**24.2**	ug/m3	2.8	0.58	2.02		09/11/17 21:08	127-18-4	
Tetrahydrofuran	**<0.55**	ug/m3	1.2	0.55	2.02		09/11/17 21:08	109-99-9	
Toluene	**127**	ug/m3	1.6	0.32	2.02		09/11/17 21:08	108-88-3	
1,2,4-Trichlorobenzene	**<1.9**	ug/m3	7.6	1.9	2.02		09/11/17 21:08	120-82-1	
1,1,1-Trichloroethane	**2.0J**	ug/m3	2.2	0.69	2.02		09/11/17 21:08	71-55-6	
1,1,2-Trichloroethane	**<0.45**	ug/m3	2.2	0.45	2.02		09/11/17 21:08	79-00-5	
Trichloroethene	**10.4**	ug/m3	2.2	0.54	2.02		09/11/17 21:08	79-01-6	
Trichlorofluoromethane	**<0.84**	ug/m3	2.3	0.84	2.02		09/11/17 21:08	75-69-4	
1,1,2-Trichlorotrifluoroethane	**<0.75**	ug/m3	3.2	0.75	2.02		09/11/17 21:08	76-13-1	
1,2,4-Trimethylbenzene	**63.3**	ug/m3	2.0	0.35	2.02		09/11/17 21:08	95-63-6	
1,3,5-Trimethylbenzene	**25.3**	ug/m3	2.0	0.83	2.02		09/11/17 21:08	108-67-8	
Vinyl acetate	**<0.32**	ug/m3	1.4	0.32	2.02		09/11/17 21:08	108-05-4	
Vinyl chloride	**<0.25**	ug/m3	1.1	0.25	2.02		09/11/17 21:08	75-01-4	
m&p-Xylene	**77.2**	ug/m3	3.6	0.70	2.02		09/11/17 21:08	179601-23-1	
o-Xylene	**35.7**	ug/m3	1.8	0.75	2.02		09/11/17 21:08	95-47-6	

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ANALYTICAL RESULTS

Project: 0403363 Kraft
Pace Project No.: 10402232

Sample: VP-13 **Lab ID: 10402232003** Collected: 09/06/17 15:02 Received: 09/07/17 11:45 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15								
Acetone	**3480**	ug/m3	1020	255	169.68		09/12/17 21:04	67-64-1	
Benzene	**47.9**	ug/m3	1.3	0.31	2.02		09/11/17 21:36	71-43-2	
Benzyl chloride	**<0.48**	ug/m3	2.1	0.48	2.02		09/11/17 21:36	100-44-7	
Bromodichloromethane	**<0.72**	ug/m3	2.7	0.72	2.02		09/11/17 21:36	75-27-4	
Bromoform	**<1.4**	ug/m3	10.6	1.4	2.02		09/11/17 21:36	75-25-2	
Bromomethane	**<0.42**	ug/m3	1.6	0.42	2.02		09/11/17 21:36	74-83-9	
1,3-Butadiene	**<0.42**	ug/m3	0.91	0.42	2.02		09/11/17 21:36	106-99-0	
2-Butanone (MEK)	**94.4**	ug/m3	6.1	0.41	2.02		09/11/17 21:36	78-93-3	
Carbon disulfide	**8.1**	ug/m3	1.3	0.36	2.02		09/11/17 21:36	75-15-0	L1
Carbon tetrachloride	**<0.64**	ug/m3	1.3	0.64	2.02		09/11/17 21:36	56-23-5	
Chlorobenzene	**<0.36**	ug/m3	1.9	0.36	2.02		09/11/17 21:36	108-90-7	
Chloroethane	**<0.41**	ug/m3	1.1	0.41	2.02		09/11/17 21:36	75-00-3	
Chloroform	**66.6**	ug/m3	1.0	0.47	2.02		09/11/17 21:36	67-66-3	
Chloromethane	**<0.27**	ug/m3	0.85	0.27	2.02		09/11/17 21:36	74-87-3	
Cyclohexane	**140**	ug/m3	1.4	0.46	2.02		09/11/17 21:36	110-82-7	
Dibromochloromethane	**<0.89**	ug/m3	3.5	0.89	2.02		09/11/17 21:36	124-48-1	
1,2-Dibromoethane (EDB)	**<0.67**	ug/m3	3.2	0.67	2.02		09/11/17 21:36	106-93-4	
1,2-Dichlorobenzene	**<0.66**	ug/m3	2.5	0.66	2.02		09/11/17 21:36	95-50-1	
1,3-Dichlorobenzene	**<0.94**	ug/m3	2.5	0.94	2.02		09/11/17 21:36	541-73-1	
1,4-Dichlorobenzene	**<0.42**	ug/m3	2.5	0.42	2.02		09/11/17 21:36	106-46-7	
Dichlorodifluoromethane	**3.0**	ug/m3	2.0	0.84	2.02		09/11/17 21:36	75-71-8	
1,1-Dichloroethane	**<0.43**	ug/m3	1.7	0.43	2.02		09/11/17 21:36	75-34-3	
1,2-Dichloroethane	**<0.40**	ug/m3	1.7	0.40	2.02		09/11/17 21:36	107-06-2	
1,1-Dichloroethene	**<0.48**	ug/m3	1.6	0.48	2.02		09/11/17 21:36	75-35-4	
cis-1,2-Dichloroethene	**24.0**	ug/m3	1.6	0.69	2.02		09/11/17 21:36	156-59-2	
trans-1,2-Dichloroethene	**57.2**	ug/m3	1.6	0.60	2.02		09/11/17 21:36	156-60-5	
1,2-Dichloropropane	**<0.62**	ug/m3	1.9	0.62	2.02		09/11/17 21:36	78-87-5	
cis-1,3-Dichloropropene	**<0.49**	ug/m3	1.9	0.49	2.02		09/11/17 21:36	10061-01-5	
trans-1,3-Dichloropropene	**<0.85**	ug/m3	1.9	0.85	2.02		09/11/17 21:36	10061-02-6	
Dichlorotetrafluoroethane	**<0.89**	ug/m3	2.9	0.89	2.02		09/11/17 21:36	76-14-2	
Ethanol	**95.1**	ug/m3	3.9	0.94	2.02		09/11/17 21:36	64-17-5	
Ethyl acetate	**<0.40**	ug/m3	1.5	0.40	2.02		09/11/17 21:36	141-78-6	
Ethylbenzene	**145**	ug/m3	1.8	0.35	2.02		09/11/17 21:36	100-41-4	
4-Ethyltoluene	**12.0**	ug/m3	2.0	0.43	2.02		09/11/17 21:36	622-96-8	
n-Heptane	**407**	ug/m3	141	35.6	169.68		09/12/17 21:04	142-82-5	
Hexachloro-1,3-butadiene	**<1.8**	ug/m3	4.4	1.8	2.02		09/11/17 21:36	87-68-3	
n-Hexane	**541**	ug/m3	122	56.5	169.68		09/12/17 21:04	110-54-3	
2-Hexanone	**6.3J**	ug/m3	8.4	1.2	2.02		09/11/17 21:36	591-78-6	
Methylene Chloride	**4010**	ug/m3	599	258	169.68		09/12/17 21:04	75-09-2	
4-Methyl-2-pentanone (MIBK)	**<0.72**	ug/m3	8.4	0.72	2.02		09/11/17 21:36	108-10-1	
Methyl-tert-butyl ether	**<1.3**	ug/m3	7.4	1.3	2.02		09/11/17 21:36	1634-04-4	
Naphthalene	**17.3**	ug/m3	5.4	1.2	2.02		09/11/17 21:36	91-20-3	
2-Propanol	**32.3**	ug/m3	5.0	2.5	2.02		09/11/17 21:36	67-63-0	
Propylene	**<0.32**	ug/m3	0.71	0.32	2.02		09/11/17 21:36	115-07-1	
Styrene	**<0.34**	ug/m3	1.8	0.34	2.02		09/11/17 21:36	100-42-5	
1,1,2,2-Tetrachloroethane	**<0.59**	ug/m3	2.8	0.59	2.02		09/11/17 21:36	79-34-5	

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ANALYTICAL RESULTS

Project: 0403363 Kraft
Pace Project No.: 10402232

Sample: VP-13 **Lab ID: 10402232003** Collected: 09/06/17 15:02 Received: 09/07/17 11:45 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15								
Tetrachloroethene	**5.1**	ug/m3	2.8	0.58	2.02		09/11/17 21:36	127-18-4	
Tetrahydrofuran	**<0.55**	ug/m3	1.2	0.55	2.02		09/11/17 21:36	109-99-9	
Toluene	**470**	ug/m3	131	27.0	169.68		09/12/17 21:04	108-88-3	
1,2,4-Trichlorobenzene	**<1.9**	ug/m3	7.6	1.9	2.02		09/11/17 21:36	120-82-1	
1,1,1-Trichloroethane	**1.3J**	ug/m3	2.2	0.69	2.02		09/11/17 21:36	71-55-6	
1,1,2-Trichloroethane	**<0.45**	ug/m3	2.2	0.45	2.02		09/11/17 21:36	79-00-5	
Trichloroethene	**27800**	ug/m3	185	45.5	169.68		09/12/17 21:04	79-01-6	
Trichlorofluoromethane	**6.9**	ug/m3	2.3	0.84	2.02		09/11/17 21:36	75-69-4	
1,1,2-Trichlorotrifluoroethane	**<0.75**	ug/m3	3.2	0.75	2.02		09/11/17 21:36	76-13-1	
1,2,4-Trimethylbenzene	**61.4**	ug/m3	2.0	0.35	2.02		09/11/17 21:36	95-63-6	
1,3,5-Trimethylbenzene	**15.8**	ug/m3	2.0	0.83	2.02		09/11/17 21:36	108-67-8	
Vinyl acetate	**<0.32**	ug/m3	1.4	0.32	2.02		09/11/17 21:36	108-05-4	
Vinyl chloride	**3.5**	ug/m3	1.1	0.25	2.02		09/11/17 21:36	75-01-4	
m&p-Xylene	**125**	ug/m3	3.6	0.70	2.02		09/11/17 21:36	179601-23-1	
o-Xylene	**55.1**	ug/m3	1.8	0.75	2.02		09/11/17 21:36	95-47-6	

Sample: VP-14 **Lab ID: 10402232004** Collected: 09/06/17 15:28 Received: 09/07/17 11:45 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15								
Acetone	**274**	ug/m3	5.1	3.2	2.1		09/11/17 22:02	67-64-1	
Benzene	**37.2**	ug/m3	1.4	0.32	2.1		09/11/17 22:02	71-43-2	
Benzyl chloride	**<0.50**	ug/m3	2.2	0.50	2.1		09/11/17 22:02	100-44-7	
Bromodichloromethane	**<0.75**	ug/m3	2.9	0.75	2.1		09/11/17 22:02	75-27-4	
Bromoform	**<1.5**	ug/m3	11.0	1.5	2.1		09/11/17 22:02	75-25-2	
Bromomethane	**<0.44**	ug/m3	1.7	0.44	2.1		09/11/17 22:02	74-83-9	
1,3-Butadiene	**<0.43**	ug/m3	0.94	0.43	2.1		09/11/17 22:02	106-99-0	
2-Butanone (MEK)	**46.7**	ug/m3	6.3	0.43	2.1		09/11/17 22:02	78-93-3	
Carbon disulfide	**3.5**	ug/m3	1.3	0.38	2.1		09/11/17 22:02	75-15-0	L1
Carbon tetrachloride	**<0.67**	ug/m3	1.3	0.67	2.1		09/11/17 22:02	56-23-5	
Chlorobenzene	**<0.38**	ug/m3	2.0	0.38	2.1		09/11/17 22:02	108-90-7	
Chloroethane	**<0.43**	ug/m3	1.1	0.43	2.1		09/11/17 22:02	75-00-3	
Chloroform	**73.2**	ug/m3	1.0	0.49	2.1		09/11/17 22:02	67-66-3	
Chloromethane	**<0.28**	ug/m3	0.88	0.28	2.1		09/11/17 22:02	74-87-3	
Cyclohexane	**96.1**	ug/m3	1.5	0.48	2.1		09/11/17 22:02	110-82-7	
Dibromochloromethane	**<0.93**	ug/m3	3.6	0.93	2.1		09/11/17 22:02	124-48-1	
1,2-Dibromoethane (EDB)	**<0.70**	ug/m3	3.3	0.70	2.1		09/11/17 22:02	106-93-4	
1,2-Dichlorobenzene	**<0.68**	ug/m3	2.6	0.68	2.1		09/11/17 22:02	95-50-1	
1,3-Dichlorobenzene	**<0.98**	ug/m3	2.6	0.98	2.1		09/11/17 22:02	541-73-1	
1,4-Dichlorobenzene	**<0.43**	ug/m3	2.6	0.43	2.1		09/11/17 22:02	106-46-7	
Dichlorodifluoromethane	**5.5**	ug/m3	2.1	0.87	2.1		09/11/17 22:02	75-71-8	
1,1-Dichloroethane	**<0.45**	ug/m3	1.7	0.45	2.1		09/11/17 22:02	75-34-3	
1,2-Dichloroethane	**<0.42**	ug/m3	1.7	0.42	2.1		09/11/17 22:02	107-06-2	

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ANALYTICAL RESULTS

Project: 0403363 Kraft
Pace Project No.: 10402232

Sample: VP-14 **Lab ID: 10402232004** Collected: 09/06/17 15:28 Received: 09/07/17 11:45 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15								
1,1-Dichloroethene	**<0.50**	ug/m3	1.7	0.50	2.1		09/11/17 22:02	75-35-4	
cis-1,2-Dichloroethene	**8.6**	ug/m3	1.7	0.72	2.1		09/11/17 22:02	156-59-2	
trans-1,2-Dichloroethene	**25.4**	ug/m3	1.7	0.62	2.1		09/11/17 22:02	156-60-5	
1,2-Dichloropropane	**<0.64**	ug/m3	2.0	0.64	2.1		09/11/17 22:02	78-87-5	
cis-1,3-Dichloropropene	**<0.51**	ug/m3	1.9	0.51	2.1		09/11/17 22:02	10061-01-5	
trans-1,3-Dichloropropene	**<0.88**	ug/m3	1.9	0.88	2.1		09/11/17 22:02	10061-02-6	
Dichlorotetrafluoroethane	**<0.93**	ug/m3	3.0	0.93	2.1		09/11/17 22:02	76-14-2	
Ethanol	**73.3**	ug/m3	4.0	0.98	2.1		09/11/17 22:02	64-17-5	
Ethyl acetate	**<0.41**	ug/m3	1.5	0.41	2.1		09/11/17 22:02	141-78-6	
Ethylbenzene	**69.3**	ug/m3	1.8	0.36	2.1		09/11/17 22:02	100-41-4	
4-Ethyltoluene	**4.3**	ug/m3	2.1	0.45	2.1		09/11/17 22:02	622-96-8	
n-Heptane	**172**	ug/m3	1.7	0.44	2.1		09/11/17 22:02	142-82-5	
Hexachloro-1,3-butadiene	**<1.8**	ug/m3	4.6	1.8	2.1		09/11/17 22:02	87-68-3	
n-Hexane	**205**	ug/m3	1.5	0.70	2.1		09/11/17 22:02	110-54-3	
2-Hexanone	**3.1J**	ug/m3	8.7	1.3	2.1		09/11/17 22:02	591-78-6	
Methylene Chloride	**77.3**	ug/m3	7.4	3.2	2.1		09/11/17 22:02	75-09-2	
4-Methyl-2-pentanone (MIBK)	**<0.75**	ug/m3	8.7	0.75	2.1		09/11/17 22:02	108-10-1	
Methyl-tert-butyl ether	**<1.4**	ug/m3	7.7	1.4	2.1		09/11/17 22:02	1634-04-4	
Naphthalene	**8.4**	ug/m3	5.6	1.3	2.1		09/11/17 22:02	91-20-3	
2-Propanol	**11.6**	ug/m3	5.2	2.6	2.1		09/11/17 22:02	67-63-0	
Propylene	**<0.33**	ug/m3	0.74	0.33	2.1		09/11/17 22:02	115-07-1	
Styrene	**<0.35**	ug/m3	1.8	0.35	2.1		09/11/17 22:02	100-42-5	
1,1,2,2-Tetrachloroethane	**<0.61**	ug/m3	2.9	0.61	2.1		09/11/17 22:02	79-34-5	
Tetrachloroethene	**49.7**	ug/m3	2.9	0.60	2.1		09/11/17 22:02	127-18-4	
Tetrahydrofuran	**<0.58**	ug/m3	1.3	0.58	2.1		09/11/17 22:02	109-99-9	
Toluene	**157**	ug/m3	1.6	0.33	2.1		09/11/17 22:02	108-88-3	
1,2,4-Trichlorobenzene	**<2.0**	ug/m3	7.9	2.0	2.1		09/11/17 22:02	120-82-1	
1,1,1-Trichloroethane	**2.1J**	ug/m3	2.3	0.72	2.1		09/11/17 22:02	71-55-6	
1,1,2-Trichloroethane	**<0.47**	ug/m3	2.3	0.47	2.1		09/11/17 22:02	79-00-5	
Trichloroethene	**80600**	ug/m3	4930	1210	4515.84		09/13/17 11:11	79-01-6	A3
Trichlorofluoromethane	**8.8**	ug/m3	2.4	0.88	2.1		09/11/17 22:02	75-69-4	
1,1,2-Trichlorotrifluoroethane	**<0.77**	ug/m3	3.4	0.77	2.1		09/11/17 22:02	76-13-1	
1,2,4-Trimethylbenzene	**19.0**	ug/m3	2.1	0.36	2.1		09/11/17 22:02	95-63-6	
1,3,5-Trimethylbenzene	**5.2**	ug/m3	2.1	0.87	2.1		09/11/17 22:02	108-67-8	
Vinyl acetate	**<0.33**	ug/m3	1.5	0.33	2.1		09/11/17 22:02	108-05-4	
Vinyl chloride	**<0.26**	ug/m3	1.1	0.26	2.1		09/11/17 22:02	75-01-4	
m&p-Xylene	**61.7**	ug/m3	3.7	0.73	2.1		09/11/17 22:02	179601-23-1	
o-Xylene	**25.0**	ug/m3	1.8	0.78	2.1		09/11/17 22:02	95-47-6	

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ANALYTICAL RESULTS

Project: 0403363 Kraft
Pace Project No.: 10402232

Sample: VP-15 **Lab ID: 10402232005** Collected: 09/06/17 15:53 Received: 09/07/17 11:45 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15								
Acetone	**1080**	ug/m3	85.2	21.2	14.11		09/12/17 19:35	67-64-1	
Benzene	**33.0**	ug/m3	1.4	0.32	2.1		09/11/17 22:29	71-43-2	
Benzyl chloride	**<0.50**	ug/m3	2.2	0.50	2.1		09/11/17 22:29	100-44-7	
Bromodichloromethane	**<0.75**	ug/m3	2.9	0.75	2.1		09/11/17 22:29	75-27-4	
Bromoform	**<1.5**	ug/m3	11.0	1.5	2.1		09/11/17 22:29	75-25-2	
Bromomethane	**<0.44**	ug/m3	1.7	0.44	2.1		09/11/17 22:29	74-83-9	
1,3-Butadiene	**<0.43**	ug/m3	0.94	0.43	2.1		09/11/17 22:29	106-99-0	
2-Butanone (MEK)	**163**	ug/m3	6.3	0.43	2.1		09/11/17 22:29	78-93-3	
Carbon disulfide	**3.0**	ug/m3	1.3	0.38	2.1		09/11/17 22:29	75-15-0	L1
Carbon tetrachloride	**2.2**	ug/m3	1.3	0.67	2.1		09/11/17 22:29	56-23-5	
Chlorobenzene	**<0.38**	ug/m3	2.0	0.38	2.1		09/11/17 22:29	108-90-7	
Chloroethane	**<0.43**	ug/m3	1.1	0.43	2.1		09/11/17 22:29	75-00-3	
Chloroform	**277**	ug/m3	1.0	0.49	2.1		09/11/17 22:29	67-66-3	
Chloromethane	**<0.28**	ug/m3	0.88	0.28	2.1		09/11/17 22:29	74-87-3	
Cyclohexane	**201**	ug/m3	1.5	0.48	2.1		09/11/17 22:29	110-82-7	
Dibromochloromethane	**<0.93**	ug/m3	3.6	0.93	2.1		09/11/17 22:29	124-48-1	
1,2-Dibromoethane (EDB)	**<0.70**	ug/m3	3.3	0.70	2.1		09/11/17 22:29	106-93-4	
1,2-Dichlorobenzene	**<0.68**	ug/m3	2.6	0.68	2.1		09/11/17 22:29	95-50-1	
1,3-Dichlorobenzene	**<0.98**	ug/m3	2.6	0.98	2.1		09/11/17 22:29	541-73-1	
1,4-Dichlorobenzene	**<0.43**	ug/m3	2.6	0.43	2.1		09/11/17 22:29	106-46-7	
Dichlorodifluoromethane	**<0.87**	ug/m3	2.1	0.87	2.1		09/11/17 22:29	75-71-8	
1,1-Dichloroethane	**<0.45**	ug/m3	1.7	0.45	2.1		09/11/17 22:29	75-34-3	
1,2-Dichloroethane	**<0.42**	ug/m3	1.7	0.42	2.1		09/11/17 22:29	107-06-2	
1,1-Dichloroethene	**<0.50**	ug/m3	1.7	0.50	2.1		09/11/17 22:29	75-35-4	
cis-1,2-Dichloroethene	**<0.72**	ug/m3	1.7	0.72	2.1		09/11/17 22:29	156-59-2	
trans-1,2-Dichloroethene	**<0.62**	ug/m3	1.7	0.62	2.1		09/11/17 22:29	156-60-5	
1,2-Dichloropropane	**<0.64**	ug/m3	2.0	0.64	2.1		09/11/17 22:29	78-87-5	
cis-1,3-Dichloropropene	**<0.51**	ug/m3	1.9	0.51	2.1		09/11/17 22:29	10061-01-5	
trans-1,3-Dichloropropene	**<0.88**	ug/m3	1.9	0.88	2.1		09/11/17 22:29	10061-02-6	
Dichlorotetrafluoroethane	**<0.93**	ug/m3	3.0	0.93	2.1		09/11/17 22:29	76-14-2	
Ethanol	**42.5**	ug/m3	4.0	0.98	2.1		09/11/17 22:29	64-17-5	
Ethyl acetate	**<0.41**	ug/m3	1.5	0.41	2.1		09/11/17 22:29	141-78-6	
Ethylbenzene	**87.1**	ug/m3	1.8	0.36	2.1		09/11/17 22:29	100-41-4	
4-Ethyltoluene	**7.9**	ug/m3	2.1	0.45	2.1		09/11/17 22:29	622-96-8	
n-Heptane	**331**	ug/m3	11.7	3.0	14.11		09/12/17 19:35	142-82-5	
Hexachloro-1,3-butadiene	**<1.8**	ug/m3	4.6	1.8	2.1		09/11/17 22:29	87-68-3	
n-Hexane	**474**	ug/m3	10.2	4.7	14.11		09/12/17 19:35	110-54-3	
2-Hexanone	**10.8**	ug/m3	8.7	1.3	2.1		09/11/17 22:29	591-78-6	
Methylene Chloride	**22.5**	ug/m3	7.4	3.2	2.1		09/11/17 22:29	75-09-2	
4-Methyl-2-pentanone (MIBK)	**8.7J**	ug/m3	8.7	0.75	2.1		09/11/17 22:29	108-10-1	
Methyl-tert-butyl ether	**<1.4**	ug/m3	7.7	1.4	2.1		09/11/17 22:29	1634-04-4	
Naphthalene	**21.5**	ug/m3	5.6	1.3	2.1		09/11/17 22:29	91-20-3	
2-Propanol	**<2.6**	ug/m3	5.2	2.6	2.1		09/11/17 22:29	67-63-0	
Propylene	**<0.33**	ug/m3	0.74	0.33	2.1		09/11/17 22:29	115-07-1	
Styrene	**<0.35**	ug/m3	1.8	0.35	2.1		09/11/17 22:29	100-42-5	
1,1,2,2-Tetrachloroethane	**<0.61**	ug/m3	2.9	0.61	2.1		09/11/17 22:29	79-34-5	

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ANALYTICAL RESULTS

Project: 0403363 Kraft
Pace Project No.: 10402232

Sample: VP-15 **Lab ID: 10402232005** Collected: 09/06/17 15:53 Received: 09/07/17 11:45 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15								
Tetrachloroethene	**24.3**	ug/m3	2.9	0.60	2.1		09/11/17 22:29	127-18-4	
Tetrahydrofuran	**<0.58**	ug/m3	1.3	0.58	2.1		09/11/17 22:29	109-99-9	
Toluene	**205**	ug/m3	1.6	0.33	2.1		09/11/17 22:29	108-88-3	
1,2,4-Trichlorobenzene	**<2.0**	ug/m3	7.9	2.0	2.1		09/11/17 22:29	120-82-1	
1,1,1-Trichloroethane	**<0.72**	ug/m3	2.3	0.72	2.1		09/11/17 22:29	71-55-6	
1,1,2-Trichloroethane	**<0.47**	ug/m3	2.3	0.47	2.1		09/11/17 22:29	79-00-5	
Trichloroethene	**9.2J**	ug/m3	15.4	3.8	14.11		09/12/17 19:35	79-01-6	
Trichlorofluoromethane	**3.4**	ug/m3	2.4	0.88	2.1		09/11/17 22:29	75-69-4	
1,1,2-Trichlorotrifluoroethane	**<0.77**	ug/m3	3.4	0.77	2.1		09/11/17 22:29	76-13-1	
1,2,4-Trimethylbenzene	**50.5**	ug/m3	2.1	0.36	2.1		09/11/17 22:29	95-63-6	
1,3,5-Trimethylbenzene	**14.5**	ug/m3	2.1	0.87	2.1		09/11/17 22:29	108-67-8	
Vinyl acetate	**<0.33**	ug/m3	1.5	0.33	2.1		09/11/17 22:29	108-05-4	
Vinyl chloride	**<0.26**	ug/m3	1.1	0.26	2.1		09/11/17 22:29	75-01-4	
m&p-Xylene	**93.3**	ug/m3	3.7	0.73	2.1		09/11/17 22:29	179601-23-1	
o-Xylene	**36.5**	ug/m3	1.8	0.78	2.1		09/11/17 22:29	95-47-6	

Sample: VP-16 **Lab ID: 10402232006** Collected: 09/06/17 16:17 Received: 09/07/17 11:45 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15								
Acetone	**270**	ug/m3	4.7	2.9	1.94		09/11/17 22:56	67-64-1	
Benzene	**153**	ug/m3	1.3	0.29	1.94		09/11/17 22:56	71-43-2	
Benzyl chloride	**<0.46**	ug/m3	2.0	0.46	1.94		09/11/17 22:56	100-44-7	
Bromodichloromethane	**<0.69**	ug/m3	2.6	0.69	1.94		09/11/17 22:56	75-27-4	
Bromoform	**<1.3**	ug/m3	10.2	1.3	1.94		09/11/17 22:56	75-25-2	
Bromomethane	**<0.40**	ug/m3	1.5	0.40	1.94		09/11/17 22:56	74-83-9	
1,3-Butadiene	**<0.40**	ug/m3	0.87	0.40	1.94		09/11/17 22:56	106-99-0	
2-Butanone (MEK)	**<0.39**	ug/m3	5.8	0.39	1.94		09/11/17 22:56	78-93-3	
Carbon disulfide	**6.2**	ug/m3	1.2	0.35	1.94		09/11/17 22:56	75-15-0	L1
Carbon tetrachloride	**<0.62**	ug/m3	1.2	0.62	1.94		09/11/17 22:56	56-23-5	
Chlorobenzene	**<0.35**	ug/m3	1.8	0.35	1.94		09/11/17 22:56	108-90-7	
Chloroethane	**1.8**	ug/m3	1.0	0.40	1.94		09/11/17 22:56	75-00-3	
Chloroform	**<0.45**	ug/m3	0.96	0.45	1.94		09/11/17 22:56	67-66-3	
Chloromethane	**<0.26**	ug/m3	0.81	0.26	1.94		09/11/17 22:56	74-87-3	
Cyclohexane	**<0.44**	ug/m3	1.4	0.44	1.94		09/11/17 22:56	110-82-7	
Dibromochloromethane	**<0.86**	ug/m3	3.4	0.86	1.94		09/11/17 22:56	124-48-1	
1,2-Dibromoethane (EDB)	**<0.65**	ug/m3	3.0	0.65	1.94		09/11/17 22:56	106-93-4	
1,2-Dichlorobenzene	**<0.63**	ug/m3	2.4	0.63	1.94		09/11/17 22:56	95-50-1	
1,3-Dichlorobenzene	**<0.90**	ug/m3	2.4	0.90	1.94		09/11/17 22:56	541-73-1	
1,4-Dichlorobenzene	**<0.40**	ug/m3	2.4	0.40	1.94		09/11/17 22:56	106-46-7	
Dichlorodifluoromethane	**<0.81**	ug/m3	2.0	0.81	1.94		09/11/17 22:56	75-71-8	
1,1-Dichloroethane	**<0.41**	ug/m3	1.6	0.41	1.94		09/11/17 22:56	75-34-3	
1,2-Dichloroethane	**<0.38**	ug/m3	1.6	0.38	1.94		09/11/17 22:56	107-06-2	

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ANALYTICAL RESULTS

Project: 0403363 Kraft
Pace Project No.: 10402232

Sample: VP-16 **Lab ID: 10402232006** Collected: 09/06/17 16:17 Received: 09/07/17 11:45 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15								
1,1-Dichloroethene	**<0.46**	ug/m3	1.6	0.46	1.94		09/11/17 22:56	75-35-4	
cis-1,2-Dichloroethene	**79.7**	ug/m3	1.6	0.66	1.94		09/11/17 22:56	156-59-2	
trans-1,2-Dichloroethene	**<0.57**	ug/m3	1.6	0.57	1.94		09/11/17 22:56	156-60-5	
1,2-Dichloropropane	**<0.59**	ug/m3	1.8	0.59	1.94		09/11/17 22:56	78-87-5	
cis-1,3-Dichloropropene	**<0.48**	ug/m3	1.8	0.48	1.94		09/11/17 22:56	10061-01-5	
trans-1,3-Dichloropropene	**<0.81**	ug/m3	1.8	0.81	1.94		09/11/17 22:56	10061-02-6	
Dichlorotetrafluoroethane	**<0.86**	ug/m3	2.8	0.86	1.94		09/11/17 22:56	76-14-2	
Ethanol	**18.1**	ug/m3	3.7	0.90	1.94		09/11/17 22:56	64-17-5	
Ethyl acetate	**<0.38**	ug/m3	1.4	0.38	1.94		09/11/17 22:56	141-78-6	
Ethylbenzene	**109**	ug/m3	1.7	0.33	1.94		09/11/17 22:56	100-41-4	
4-Ethyltoluene	**5.7**	ug/m3	1.9	0.42	1.94		09/11/17 22:56	622-96-8	
n-Heptane	**621**	ug/m3	54.1	13.7	65.18		09/12/17 19:57	142-82-5	
Hexachloro-1,3-butadiene	**<1.7**	ug/m3	4.2	1.7	1.94		09/11/17 22:56	87-68-3	
n-Hexane	**2840**	ug/m3	46.9	21.7	65.18		09/12/17 19:57	110-54-3	
2-Hexanone	**6.6J**	ug/m3	8.1	1.2	1.94		09/11/17 22:56	591-78-6	
Methylene Chloride	**8.3**	ug/m3	6.8	2.9	1.94		09/11/17 22:56	75-09-2	
4-Methyl-2-pentanone (MIBK)	**<0.69**	ug/m3	8.1	0.69	1.94		09/11/17 22:56	108-10-1	
Methyl-tert-butyl ether	**<1.3**	ug/m3	7.1	1.3	1.94		09/11/17 22:56	1634-04-4	
Naphthalene	**8.7**	ug/m3	5.2	1.2	1.94		09/11/17 22:56	91-20-3	
2-Propanol	**<2.4**	ug/m3	4.8	2.4	1.94		09/11/17 22:56	67-63-0	
Propylene	**<0.30**	ug/m3	0.68	0.30	1.94		09/11/17 22:56	115-07-1	
Styrene	**<0.32**	ug/m3	1.7	0.32	1.94		09/11/17 22:56	100-42-5	
1,1,2,2-Tetrachloroethane	**<0.56**	ug/m3	2.7	0.56	1.94		09/11/17 22:56	79-34-5	
Tetrachloroethene	**3.7**	ug/m3	2.7	0.56	1.94		09/11/17 22:56	127-18-4	
Tetrahydrofuran	**<0.53**	ug/m3	1.2	0.53	1.94		09/11/17 22:56	109-99-9	
Toluene	**303**	ug/m3	50.2	10.4	65.18		09/12/17 19:57	108-88-3	
1,2,4-Trichlorobenzene	**<1.9**	ug/m3	7.3	1.9	1.94		09/11/17 22:56	120-82-1	
1,1,1-Trichloroethane	**<0.66**	ug/m3	2.2	0.66	1.94		09/11/17 22:56	71-55-6	
1,1,2-Trichloroethane	**<0.44**	ug/m3	2.2	0.44	1.94		09/11/17 22:56	79-00-5	
Trichloroethene	**25.4**	ug/m3	2.1	0.52	1.94		09/11/17 22:56	79-01-6	
Trichlorofluoromethane	**<0.81**	ug/m3	2.2	0.81	1.94		09/11/17 22:56	75-69-4	
1,1,2-Trichlorotrifluoroethane	**<0.72**	ug/m3	3.1	0.72	1.94		09/11/17 22:56	76-13-1	
1,2,4-Trimethylbenzene	**26.1**	ug/m3	1.9	0.33	1.94		09/11/17 22:56	95-63-6	
1,3,5-Trimethylbenzene	**7.2**	ug/m3	1.9	0.80	1.94		09/11/17 22:56	108-67-8	
Vinyl acetate	**<0.30**	ug/m3	1.4	0.30	1.94		09/11/17 22:56	108-05-4	
Vinyl chloride	**50.5**	ug/m3	1.0	0.24	1.94		09/11/17 22:56	75-01-4	
m&p-Xylene	**86.0**	ug/m3	3.4	0.68	1.94		09/11/17 22:56	179601-23-1	
o-Xylene	**36.3**	ug/m3	1.7	0.72	1.94		09/11/17 22:56	95-47-6	

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1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: 0403363 Kraft
Pace Project No.: 10402232

QC Batch: 495967 Analysis Method: TO-15
QC Batch Method: TO-15 Analysis Description: TO15 MSV AIR Low Level
Associated Lab Samples: 10402232001, 10402232002, 10402232003, 10402232004, 10402232005, 10402232006

METHOD BLANK: 2697159 Matrix: Air
Associated Lab Samples: 10402232001, 10402232002, 10402232003, 10402232004, 10402232005, 10402232006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/m3	<0.34	1.1	09/11/17 12:59	
1,1,2,2-Tetrachloroethane	ug/m3	<0.29	1.4	09/11/17 12:59	
1,1,2-Trichloroethane	ug/m3	<0.22	1.1	09/11/17 12:59	
1,1,2-Trichlorotrifluoroethane	ug/m3	<0.37	1.6	09/11/17 12:59	
1,1-Dichloroethane	ug/m3	<0.21	0.82	09/11/17 12:59	
1,1-Dichloroethene	ug/m3	<0.24	0.81	09/11/17 12:59	
1,2,4-Trichlorobenzene	ug/m3	<0.96	3.8	09/11/17 12:59	
1,2,4-Trimethylbenzene	ug/m3	<0.17	1.0	09/11/17 12:59	
1,2-Dibromoethane (EDB)	ug/m3	<0.33	1.6	09/11/17 12:59	
1,2-Dichlorobenzene	ug/m3	<0.33	1.2	09/11/17 12:59	
1,2-Dichloroethane	ug/m3	<0.20	0.82	09/11/17 12:59	
1,2-Dichloropropane	ug/m3	<0.31	0.94	09/11/17 12:59	
1,3,5-Trimethylbenzene	ug/m3	<0.41	1.0	09/11/17 12:59	
1,3-Butadiene	ug/m3	<0.21	0.45	09/11/17 12:59	
1,3-Dichlorobenzene	ug/m3	<0.47	1.2	09/11/17 12:59	
1,4-Dichlorobenzene	ug/m3	<0.21	1.2	09/11/17 12:59	
2-Butanone (MEK)	ug/m3	<0.20	3.0	09/11/17 12:59	
2-Hexanone	ug/m3	<0.61	4.2	09/11/17 12:59	
2-Propanol	ug/m3	<1.2	2.5	09/11/17 12:59	
4-Ethyltoluene	ug/m3	<0.21	1.0	09/11/17 12:59	
4-Methyl-2-pentanone (MIBK)	ug/m3	<0.36	4.2	09/11/17 12:59	
Acetone	ug/m3	<1.5	2.4	09/11/17 12:59	
Benzene	ug/m3	<0.15	0.65	09/11/17 12:59	
Benzyl chloride	ug/m3	<0.24	1.0	09/11/17 12:59	
Bromodichloromethane	ug/m3	<0.36	1.4	09/11/17 12:59	
Bromoform	ug/m3	<0.69	5.3	09/11/17 12:59	
Bromomethane	ug/m3	<0.21	0.79	09/11/17 12:59	
Carbon disulfide	ug/m3	<0.18	0.63	09/11/17 12:59	
Carbon tetrachloride	ug/m3	<0.32	0.64	09/11/17 12:59	
Chlorobenzene	ug/m3	<0.18	0.94	09/11/17 12:59	
Chloroethane	ug/m3	<0.20	0.54	09/11/17 12:59	
Chloroform	ug/m3	<0.23	0.50	09/11/17 12:59	
Chloromethane	ug/m3	<0.13	0.42	09/11/17 12:59	
cis-1,2-Dichloroethene	ug/m3	<0.34	0.81	09/11/17 12:59	
cis-1,3-Dichloropropene	ug/m3	<0.24	0.92	09/11/17 12:59	
Cyclohexane	ug/m3	<0.23	0.70	09/11/17 12:59	
Dibromochloromethane	ug/m3	<0.44	1.7	09/11/17 12:59	
Dichlorodifluoromethane	ug/m3	<0.42	1.0	09/11/17 12:59	
Dichlorotetrafluoroethane	ug/m3	<0.44	1.4	09/11/17 12:59	
Ethanol	ug/m3	<0.46	1.9	09/11/17 12:59	
Ethyl acetate	ug/m3	<0.20	0.73	09/11/17 12:59	

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REPORT OF LABORATORY ANALYSIS

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(612)607-1700

QUALITY CONTROL DATA

Project: 0403363 Kraft
Pace Project No.: 10402232

METHOD BLANK: 2697159 Matrix: Air
Associated Lab Samples: 10402232001, 10402232002, 10402232003, 10402232004, 10402232005, 10402232006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/m3	<0.17	0.88	09/11/17 12:59	
Hexachloro-1,3-butadiene	ug/m3	<0.87	2.2	09/11/17 12:59	
m&p-Xylene	ug/m3	<0.35	1.8	09/11/17 12:59	
Methyl-tert-butyl ether	ug/m3	<0.67	3.7	09/11/17 12:59	
Methylene Chloride	ug/m3	<1.5	3.5	09/11/17 12:59	
n-Heptane	ug/m3	<0.21	0.83	09/11/17 12:59	
n-Hexane	ug/m3	<0.33	0.72	09/11/17 12:59	
Naphthalene	ug/m3	<0.60	2.7	09/11/17 12:59	
o-Xylene	ug/m3	<0.37	0.88	09/11/17 12:59	
Propylene	ug/m3	<0.16	0.35	09/11/17 12:59	
Styrene	ug/m3	<0.17	0.87	09/11/17 12:59	
Tetrachloroethene	ug/m3	<0.29	1.4	09/11/17 12:59	
Tetrahydrofuran	ug/m3	<0.27	0.60	09/11/17 12:59	
Toluene	ug/m3	<0.16	0.77	09/11/17 12:59	
trans-1,2-Dichloroethene	ug/m3	<0.30	0.81	09/11/17 12:59	
trans-1,3-Dichloropropene	ug/m3	<0.42	0.92	09/11/17 12:59	
Trichloroethene	ug/m3	<0.27	1.1	09/11/17 12:59	
Trichlorofluoromethane	ug/m3	<0.42	1.1	09/11/17 12:59	
Vinyl acetate	ug/m3	<0.16	0.72	09/11/17 12:59	
Vinyl chloride	ug/m3	<0.13	0.52	09/11/17 12:59	

LABORATORY CONTROL SAMPLE: 2697160

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/m3	58.2	55.1	95	70-134	
1,1,2,2-Tetrachloroethane	ug/m3	74.7	87.0	117	70-130	
1,1,2-Trichloroethane	ug/m3	59.3	66.8	113	70-130	
1,1,2-Trichlorotrifluoroethane	ug/m3	81.8	95.9	117	70-130	
1,1-Dichloroethane	ug/m3	43.6	40.4	93	70-130	
1,1-Dichloroethene	ug/m3	42.7	48.1	113	70-130	
1,2,4-Trichlorobenzene	ug/m3	74.7	101	135	60-150	
1,2,4-Trimethylbenzene	ug/m3	51.5	60.1	117	70-136	
1,2-Dibromoethane (EDB)	ug/m3	83.6	92.6	111	70-130	
1,2-Dichlorobenzene	ug/m3	63.6	67.5	106	70-139	
1,2-Dichloroethane	ug/m3	44	48.2	110	70-130	
1,2-Dichloropropane	ug/m3	50.7	57.1	113	70-131	
1,3,5-Trimethylbenzene	ug/m3	51.5	60.6	118	70-133	
1,3-Butadiene	ug/m3	23.4	20.5	88	70-130	
1,3-Dichlorobenzene	ug/m3	61.7	65.5	106	70-144	
1,4-Dichlorobenzene	ug/m3	63.6	63.7	100	70-139	
2-Butanone (MEK)	ug/m3	32.4	28.9	89	70-130	
2-Hexanone	ug/m3	44.6	50.6	114	70-138	
2-Propanol	ug/m3	25	31.6	126	70-130	
4-Ethyltoluene	ug/m3	49.5	55.6	112	70-135	

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QUALITY CONTROL DATA

Project: 0403363 Kraft
Pace Project No.: 10402232

LABORATORY CONTROL SAMPLE: 2697160

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
4-Methyl-2-pentanone (MIBK)	ug/m3	44.6	53.2	119	70-130	
Acetone	ug/m3	25.1	31.6	126	64-130	
Benzene	ug/m3	34.7	28.8	83	70-130	
Benzyl chloride	ug/m3	53.2	62.6	118	70-144	
Bromodichloromethane	ug/m3	72.2	76.9	106	70-134	
Bromoform	ug/m3	116	119	103	70-150	
Bromomethane	ug/m3	39.1	44.4	114	70-130	
Carbon disulfide	ug/m3	33.2	45.2	136	70-134	L1
Carbon tetrachloride	ug/m3	68.4	69.9	102	68-150	
Chlorobenzene	ug/m3	50.1	55.9	112	70-132	
Chloroethane	ug/m3	26.3	26.0	99	70-132	
Chloroform	ug/m3	51.1	47.4	93	70-130	
Chloromethane	ug/m3	21.4	24.2	113	70-130	
cis-1,2-Dichloroethene	ug/m3	43.9	40.2	92	70-133	
cis-1,3-Dichloropropene	ug/m3	51.7	48.4	94	70-137	
Cyclohexane	ug/m3	37.1	33.0	89	70-130	
Dibromochloromethane	ug/m3	97	83.2	86	70-144	
Dichlorodifluoromethane	ug/m3	52.8	57.4	109	70-130	
Dichlorotetrafluoroethane	ug/m3	69.6	82.5	118	70-130	
Ethanol	ug/m3	20.3	20.4	100	70-136	
Ethyl acetate	ug/m3	37.7	46.2	122	70-130	
Ethylbenzene	ug/m3	47.7	53.2	112	70-134	
Hexachloro-1,3-butadiene	ug/m3	109	113	103	45-150	
m&p-Xylene	ug/m3	47.7	55.8	117	70-130	
Methyl-tert-butyl ether	ug/m3	38.8	43.4	112	66-148	
Methylene Chloride	ug/m3	39.2	44.4	113	67-133	
n-Heptane	ug/m3	44.2	48.5	110	70-130	
n-Hexane	ug/m3	38.7	42.3	109	67-132	
Naphthalene	ug/m3	56	57.7	103	53-150	
o-Xylene	ug/m3	47.2	53.3	113	70-130	
Propylene	ug/m3	19.2	22.3	116	70-135	
Styrene	ug/m3	45.5	51.0	112	70-139	
Tetrachloroethene	ug/m3	72.4	84.5	117	70-130	
Tetrahydrofuran	ug/m3	33	35.4	107	70-130	
Toluene	ug/m3	41.4	46.3	112	70-130	
trans-1,2-Dichloroethene	ug/m3	41.9	41.0	98	70-131	
trans-1,3-Dichloropropene	ug/m3	48.4	46.2	95	70-142	
Trichloroethene	ug/m3	57.9	64.3	111	70-130	
Trichlorofluoromethane	ug/m3	58.8	66.8	114	70-130	
Vinyl acetate	ug/m3	40.4	47.0	116	70-137	
Vinyl chloride	ug/m3	27	30.5	113	70-130	

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QUALITY CONTROL DATA

Project: 0403363 Kraft
Pace Project No.: 10402232

SAMPLE DUPLICATE: 2697914

Parameter	Units	10402280003 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/m3	<0.49	<0.49		25	
1,1,2,2-Tetrachloroethane	ug/m3	<0.42	<0.42		25	
1,1,2-Trichloroethane	ug/m3	<0.32	<0.32		25	
1,1,2-Trichlorotrifluoroethane	ug/m3	<0.53	<0.53		25	
1,1-Dichloroethane	ug/m3	<0.31	<0.31		25	
1,1-Dichloroethene	ug/m3	<0.34	<0.34		25	
1,2,4-Trichlorobenzene	ug/m3	<1.4	<1.4		25	
1,2,4-Trimethylbenzene	ug/m3	<0.25	<0.25		25	
1,2-Dibromoethane (EDB)	ug/m3	<0.48	<0.48		25	
1,2-Dichlorobenzene	ug/m3	<0.47	<0.47		25	
1,2-Dichloroethane	ug/m3	<0.29	<0.29		25	
1,2-Dichloropropane	ug/m3	<0.44	<0.44		25	
1,3,5-Trimethylbenzene	ug/m3	<0.59	<0.59		25	
1,3-Butadiene	ug/m3	<0.30	<0.30		25	
1,3-Dichlorobenzene	ug/m3	<0.67	<0.67		25	
1,4-Dichlorobenzene	ug/m3	<0.30	<0.30		25	
2-Butanone (MEK)	ug/m3	2.3J	<0.29		25	
2-Hexanone	ug/m3	<0.88	<0.88		25	
2-Propanol	ug/m3	<1.8	<1.8		25	
4-Ethyltoluene	ug/m3	<0.31	<0.31		25	
4-Methyl-2-pentanone (MIBK)	ug/m3	<0.51	<0.51		25	
Acetone	ug/m3	15.7	13.1	18	25	
Benzene	ug/m3	0.26J	0.26J		25	
Benzyl chloride	ug/m3	<0.34	<0.34		25	
Bromodichloromethane	ug/m3	<0.51	<0.51		25	
Bromoform	ug/m3	<1.0	<1.0		25	
Bromomethane	ug/m3	<0.30	<0.30		25	
Carbon disulfide	ug/m3	<0.26	<0.26		25	
Carbon tetrachloride	ug/m3	<0.46	<0.46		25	
Chlorobenzene	ug/m3	<0.26	<0.26		25	
Chloroethane	ug/m3	<0.29	<0.29		25	
Chloroform	ug/m3	<0.33	<0.33		25	
Chloromethane	ug/m3	0.31J	<0.19		25	
cis-1,2-Dichloroethene	ug/m3	<0.49	<0.49		25	
cis-1,3-Dichloropropene	ug/m3	<0.35	<0.35		25	
Cyclohexane	ug/m3	<0.33	<0.33		25	
Dibromochloromethane	ug/m3	<0.64	<0.64		25	
Dichlorodifluoromethane	ug/m3	<0.60	<0.60		25	
Dichlorotetrafluoroethane	ug/m3	<0.64	<0.64		25	
Ethanol	ug/m3	<0.67	<0.67		25	
Ethyl acetate	ug/m3	<0.28	<0.28		25	
Ethylbenzene	ug/m3	<0.25	<0.25		25	
Hexachloro-1,3-butadiene	ug/m3	<1.3	<1.3		25	
m&p-Xylene	ug/m3	<0.50	<0.50		25	
Methyl-tert-butyl ether	ug/m3	<0.96	<0.96		25	
Methylene Chloride	ug/m3	<2.2	<2.2		25	
n-Heptane	ug/m3	<0.30	<0.30		25	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 0403363 Kraft
Pace Project No.: 10402232

SAMPLE DUPLICATE: 2697914

Parameter	Units	10402280003 Result	Dup Result	RPD	Max RPD	Qualifiers
n-Hexane	ug/m3	<0.48	<0.48		25	
Naphthalene	ug/m3	<0.86	<0.86		25	
o-Xylene	ug/m3	<0.53	<0.53		25	
Propylene	ug/m3	<0.23	<0.23		25	
Styrene	ug/m3	<0.24	<0.24		25	
Tetrachloroethene	ug/m3	<0.41	<0.41		25	
Tetrahydrofuran	ug/m3	<0.39	<0.39		25	
Toluene	ug/m3	<0.23	<0.23		25	
trans-1,2-Dichloroethene	ug/m3	<0.42	<0.42		25	
trans-1,3-Dichloropropene	ug/m3	<0.60	<0.60		25	
Trichloroethene	ug/m3	<0.39	<0.39		25	
Trichlorofluoromethane	ug/m3	<0.60	<0.60		25	
Vinyl acetate	ug/m3	<0.23	<0.23		25	
Vinyl chloride	ug/m3	<0.18	<0.18		25	

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QUALIFIERS

Project: 0403363 Kraft
Pace Project No.: 10402232

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above LOD.

J - Estimated concentration at or above the LOD and below the LOQ.

LOD - Limit of Detection adjusted for dilution factor and percent moisture.

LOQ - Limit of Quantitation adjusted for dilution factor and percent moisture.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected at or above the adjusted LOD.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

LABORATORIES

PASI-M	Pace Analytical Services - Minneapolis

ANALYTE QUALIFIERS

A3	The sample was analyzed by serial dilution.
E	Analyte concentration exceeded the calibration range. The reported result is estimated.
L1	Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results for this analyte in associated samples may be biased high.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 0403363 Kraft
Pace Project No.: 10402232

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
10402232001	**VP-11**	TO-15	495967		
10402232002	**VP-12**	TO-15	495967		
10402232003	**VP-13**	TO-15	495967		
10402232004	**VP-14**	TO-15	495967		
10402232005	**VP-15**	TO-15	495967		
10402232006	**VP-16**	TO-15	495967		

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10402232

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AIR: CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

28102

Page: 1 of 1

Section A Required Client Information:

Company: ERM
Address: 700 W. VIRGINIA ST SUITE 601, MILWAUKEE, WI
Email To: david.decourcy@aecom.com
Phone: 4149774705 Fax:
Requested Due Date/TAT:

Section B Required Project Information:

Report To: ERM
Copy To:
Purchase Order No.:
Project Name: KRAFT
Project Number: 0403363

Section C Invoice Information:

Attention: ERM AP
Company Name: ERM
Address: Rolling Meadows, IL
Pace Quote Reference:
Pace Project Manager/Sales Rep. DAN MILEWSKY
Pace Profile #: 32248

Program: UST / Superfund / Emissions / Clean Air Act / Voluntary Clean Up / Dry Clean / RCRA X / Other

Location of Sampling by State: WI

Reporting Units: µg/m³ X / mg/m³ / PPBV / PPMV / Other

Report Level: II. III. IV. Other

Valid Media Codes: MEDIA / CODE — Tedlar Bag TB; 1 Liter Summa Can 1LC; 6 Liter Summa Can 6LC; Low Volume Puff LVP; High Volume Puff HVP; Other PM10

ITEM #	Section D Required Client Information: AIR SAMPLE ID (Sample IDs MUST BE UNIQUE)	MEDIA CODE	PID Reading (Client only)	COLLECTED COMPOSITE START END/GRAB DATE	TIME	COMPOSITE - DATE	TIME	Canister Pressure (Initial Field - psig)	Canister Pressure (Final Field - psig)	Summa Can Number	Flow Control Number	PM10	3C- Fixed Gas (%)	TO-3	TO-3M (Methane)	TO-4 (PCBs)	TO-13 (PAH)	TO-14	TO-15	TO15 Short List*	Pace Lab ID
1	VP-11	1LC	2.9	9-6-17	13:57	9-6-17	14:07	-29.5	-7.0	2579								X			001
2	VP-12	1LC	0.6	9-6-17	14:22	9-6-17	14:32	-29.5	-6.9	2779								X			002
3	VP-13	1LC	0.4	9-6-17	14:52	9-6-17	15:02	-29.0	-6.0	3020								X			003
4	VP-14	1LC	3.1	9-6-17	15:18	9-6-17	15:28	-28.0	-5.5	2246								X			004
5	VP-15	1LC	0.3	9-6-17	15:43	9-6-17	15:53	-29.2	-7.9	3161								X			005
6	VP-16	1LC	0.6	9-6-17	16:07	9-6-17	16:17	-26.1	-3.0	2478								X			006
7																					
8																					
9																					
10																					
11																					
12																					

Comments:

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
PHILIP KISTLER / ERM	9-6-17		[signature] PACE	9-7-17	1145

SAMPLE CONDITIONS

Temp in °C	Received on Ice	Custody Sealed Cooler	Samples Intact
—	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: PHILIP KISTLER

SIGNATURE of SAMPLER: [signature] DATE Signed (MM / DD / YY): 09/06/17

ORIGINAL

Pace Analytical	Document Name: Air Sample Condition Upon Receipt	Document Revised: 30Aug2017 Page 1 of 1
	Document No.: F-MN-A-106-rev.12	Issuing Authority: Pace Minnesota Quality Office

Air Sample Condition Upon Receipt

Client Name: ERM

Project #: WO#: 10402232

10402232

Courier: ☑ Fed Ex ☐ UPS ☐ Speedee ☐ Client ☐ Commercial ☐ Pace ☐ Other:

Tracking Number: 7476 3001 6716

Custody Seal on Cooler/Box Present? ☐ Yes ☑ No **Seals Intact?** ☐ Yes ☑ No

Optional: Proj. Due Date: Proj. Name:

Packing Material: ☐ Bubble Wrap ☐ Bubble Bags ☑ Foam ☐ None ☐ Tin Can ☐ Other: **Temp Blank rec:** ☐ Yes ☑ No

Temp. (TO17 and TO13 samples only) (°C): X **Corrected Temp (°C):** X **Thermom. Used:** ☐ 151401163 ☐ G87A9155100842

Temp should be above freezing to 6°C **Correction Factor:** X **Date & Initials of Person Examining Contents:** 9-7-17 MA

Type of ice Received ☐ Blue ☐ Wet ☑ None

				Comments:
Chain of Custody Present?	☑ Yes	☐ No	☐ N/A	1.
Chain of Custody Filled Out?	☑ Yes	☐ No	☐ N/A	2.
Chain of Custody Relinquished?	☑ Yes	☐ No	☐ N/A	3.
Sampler Name and/or Signature on COC?	☑ Yes	☐ No	☐ N/A	4.
Samples Arrived within Hold Time?	☑ Yes	☐ No	☐ N/A	5.
Short Hold Time Analysis (<72 hr)?	☐ Yes	☑ No	☐ N/A	6.
Rush Turn Around Time Requested?	☐ Yes	☑ No	☐ N/A	7.
Sufficient Volume?	☑ Yes	☐ No	☐ N/A	8.
Correct Containers Used?	☑ Yes	☐ No	☐ N/A	9.
-Pace Containers Used?	☑ Yes	☐ No	☐ N/A	
Containers Intact?	☑ Yes	☐ No	☐ N/A	10.
Media: (Air Can) Airbag Filter TDT Passive				11. Individually Certified Cans Y (N) (list which samples)
Sample Labels Match COC?	☑ Yes	☐ No	☐ N/A	12.

Samples Received:

Canisters			Canisters		
Sample Number	Can ID	Flow Controller ID	Sample Number	Can ID	Flow Controller ID
VP-11		1474			
VP-12		1322			
VP-13		1323			
VP-14		1347			
VP-15		1328			
VP-16		1342			

CLIENT NOTIFICATION/RESOLUTION **Field Data Required?** ☐ Yes ☐ No

Person Contacted: Date/Time:

Comments/Resolution:

Project Manager Review: Megan McCabe **Date:** 9/7/17

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e out of hold, incorrect preservative, out of temp, incorrect containers)

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

August 11, 2017

Andrew DeWitt
ERM, Inc.
3352 128th Avenue
Holland, MI 49424

RE: Project: 0403363 KRAFT
Pace Project No.: 40154013

Dear Andrew DeWitt:
Enclosed are the analytical results for sample(s) received by the laboratory on July 28, 2017. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Dan Milewsky
dan.milewsky@pacelabs.com
(920)469-2436
Project Manager

Enclosures

cc: Carl Stay, ERM, Inc.
David deCourcy-Bower, ERM, Inc.

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CERTIFICATIONS

Project: 0403363 KRAFT
Pace Project No.: 40154013

Green Bay Certification IDs

1241 Bellevue Street, Green Bay, WI 54302
Florida/NELAP Certification #: E87948
Illinois Certification #: 200050
Kentucky UST Certification #: 82
Louisiana Certification #: 04168
Minnesota Certification #: 055-999-334
New York Certification #: 12064
North Dakota Certification #: R-150
Virginia VELAP ID: 460263
South Carolina Certification #: 83006001
Texas Certification #: T104704529-14-1
Wisconsin Certification #: 405132750
Wisconsin DATCP Certification #: 105-444
USDA Soil Permit #: P330-16-00157
Federal Fish & Wildlife Permit #: LE51774A-0

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SAMPLE SUMMARY

Project: 0403363 KRAFT
Pace Project No.: 40154013

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40154013001	**SB-28-S**	Water	07/26/17 17:15	07/28/17 09:35
40154013002	**SB-31-D**	Water	07/26/17 16:55	07/28/17 09:35
40154013003	**SB-30-S**	Water	07/26/17 16:40	07/28/17 09:35
40154013004	**SB-27-S**	Water	07/26/17 16:00	07/28/17 09:35
40154013005	**SB-32-S**	Water	07/26/17 15:20	07/28/17 09:35
40154013006	**SB-26-S**	Water	07/26/17 13:50	07/28/17 09:35
40154013007	**SB-31-S**	Water	07/26/17 14:30	07/28/17 09:35
40154013008	**SB-27-D**	Water	07/27/17 09:10	07/28/17 09:35
40154013009	**SB-53-S**	Water	07/27/17 10:15	07/28/17 09:35
40154013010	**SB-34-S**	Water	07/27/17 11:00	07/28/17 09:35
40154013011	**SB-35-S**	Water	07/27/17 11:25	07/28/17 09:35
40154013012	**SB-36-S**	Water	07/27/17 12:05	07/28/17 09:35
40154013013	**SB-35, 3.5-4.5**	Solid	07/27/17 10:45	07/28/17 09:35
40154013014	**TB**	Water	07/27/17 00:00	07/28/17 09:35

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SAMPLE ANALYTE COUNT

Project: 0403363 KRAFT
Pace Project No.: 40154013

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40154013001	**SB-28-S**	EPA 6010	DLB	7	PASI-G
		EPA 7470	AJT	1	PASI-G
		EPA 8270	RJN	70	PASI-G
		EPA 8260	MDS	64	PASI-G
40154013002	**SB-31-D**	EPA 6010	DLB	7	PASI-G
		EPA 7470	AJT	1	PASI-G
		EPA 8270	RJN	70	PASI-G
		EPA 8260	MDS	64	PASI-G
40154013003	**SB-30-S**	EPA 6010	DLB	7	PASI-G
		EPA 7470	AJT	1	PASI-G
		EPA 8270	RJN	70	PASI-G
		EPA 8260	MDS	64	PASI-G
40154013004	**SB-27-S**	EPA 6010	DLB	7	PASI-G
		EPA 7470	AJT	1	PASI-G
		EPA 8270	RJN	70	PASI-G
		EPA 8260	MDS	64	PASI-G
40154013005	**SB-32-S**	EPA 6010	DLB	7	PASI-G
		EPA 7470	AJT	1	PASI-G
		EPA 8270	RJN	70	PASI-G
		EPA 8260	MDS	64	PASI-G
40154013006	**SB-26-S**	EPA 6010	DLB	7	PASI-G
		EPA 7470	AJT	1	PASI-G
		EPA 8270	RJN	70	PASI-G
		EPA 8260	MDS	64	PASI-G
40154013007	**SB-31-S**	EPA 6010	DLB	7	PASI-G
		EPA 7470	AJT	1	PASI-G
		EPA 8270	RJN	70	PASI-G
		EPA 8260	MDS	64	PASI-G
40154013008	**SB-27-D**	EPA 6010	DLB	7	PASI-G
		EPA 7470	AJT	1	PASI-G
		EPA 8270	RJN	70	PASI-G
		EPA 8260	MDS	64	PASI-G
40154013009	**SB-53-S**	EPA 6010	DLB	7	PASI-G
		EPA 7470	AJT	1	PASI-G
		EPA 8270	RJN	70	PASI-G
		EPA 8260	MDS	64	PASI-G
40154013010	**SB-34-S**	EPA 6010	DLB	7	PASI-G

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SAMPLE ANALYTE COUNT

Project: 0403363 KRAFT
Pace Project No.: 40154013

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 7470	AJT	1	PASI-G
		EPA 8270	RJN	70	PASI-G
		EPA 8260	MDS	68	PASI-G
40154013011	**SB-35-S**	EPA 6010	DLB	7	PASI-G
		EPA 7470	AJT	1	PASI-G
		EPA 8270	RJN	70	PASI-G
		EPA 8260	MDS	64	PASI-G
40154013012	**SB-36-S**	EPA 6010	DLB	7	PASI-G
		EPA 7470	AJT	1	PASI-G
		EPA 8270	RJN	70	PASI-G
		EPA 8260	MDS	64	PASI-G
40154013013	**SB-35, 3.5-4.5**	EPA 8082	BLM	10	PASI-G
		EPA 6010	DLB	7	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270	RJN	70	PASI-G
		EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	SKW	1	PASI-G
40154013014	**TB**	EPA 8260	MDS	64	PASI-G

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SUMMARY OF DETECTION

Project: 0403363 KRAFT
Pace Project No.: 40154013

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40154013001	**SB-28-S**					
EPA 6010	Barium	320	ug/L	5.0	08/02/17 13:41	
EPA 6010	Chromium	9.8J	ug/L	10.0	08/02/17 13:41	
EPA 6010	Lead	8.9J	ug/L	13.0	08/02/17 13:41	
40154013002	**SB-31-D**					
EPA 6010	Arsenic	143	ug/L	25.0	08/02/17 13:52	
EPA 6010	Barium	1920	ug/L	5.0	08/02/17 13:52	
EPA 6010	Chromium	372	ug/L	10.0	08/02/17 13:52	
EPA 6010	Lead	148	ug/L	13.0	08/02/17 13:52	
EPA 7470	Mercury	0.34J	ug/L	0.42	08/04/17 09:11	
EPA 8270	Carbazole	1.2J	ug/L	2.6	08/02/17 10:21	
EPA 8270	Fluoranthene	0.96J	ug/L	2.0	08/02/17 10:21	
EPA 8260	Benzene	6.9	ug/L	1.0	08/01/17 01:39	
EPA 8260	1,2-Dichlorobenzene	0.52J	ug/L	1.0	08/01/17 01:39	
EPA 8260	Ethylbenzene	9.0	ug/L	1.0	08/01/17 01:39	
EPA 8260	Isopropylbenzene (Cumene)	1.8	ug/L	1.0	08/01/17 01:39	
EPA 8260	n-Propylbenzene	1.9	ug/L	1.0	08/01/17 01:39	
EPA 8260	Toluene	1.1	ug/L	1.0	08/01/17 01:39	
EPA 8260	1,2,4-Trimethylbenzene	1.0	ug/L	1.0	08/01/17 01:39	
40154013003	**SB-30-S**					
EPA 6010	Barium	92.4	ug/L	5.0	08/02/17 13:55	
EPA 6010	Chromium	9.1J	ug/L	10.0	08/02/17 13:55	
40154013004	**SB-27-S**					
EPA 6010	Arsenic	9.3J	ug/L	25.0	08/02/17 13:57	
EPA 6010	Barium	407	ug/L	5.0	08/02/17 13:57	
EPA 6010	Cadmium	2.2J	ug/L	5.0	08/02/17 13:57	
EPA 6010	Chromium	26.1	ug/L	10.0	08/02/17 13:57	
EPA 6010	Lead	259	ug/L	13.0	08/02/17 13:57	
EPA 7470	Mercury	0.65	ug/L	0.42	08/04/17 09:15	
EPA 8270	Benzo(a)anthracene	0.63J	ug/L	1.9	08/02/17 12:08	
EPA 8270	Benzo(b)fluoranthene	0.74J	ug/L	2.3	08/02/17 12:08	
EPA 8270	Fluoranthene	0.95J	ug/L	2.0	08/02/17 12:08	
40154013005	**SB-32-S**					
EPA 6010	Barium	300	ug/L	5.0	08/02/17 14:00	
EPA 6010	Chromium	67.2	ug/L	10.0	08/02/17 14:00	
EPA 6010	Lead	30.7	ug/L	13.0	08/02/17 14:00	
EPA 8270	bis(2-Ethylhexyl)phthalate	1.3J	ug/L	2.5	08/02/17 12:29	
40154013006	**SB-26-S**					
EPA 6010	Arsenic	49.9	ug/L	25.0	08/02/17 14:02	
EPA 6010	Barium	1290	ug/L	5.0	08/02/17 14:02	
EPA 6010	Cadmium	21.8	ug/L	5.0	08/02/17 14:02	
EPA 6010	Chromium	117	ug/L	10.0	08/02/17 14:02	
EPA 6010	Lead	1390	ug/L	13.0	08/02/17 14:02	
EPA 7470	Mercury	2.1	ug/L	0.42	08/04/17 09:25	
EPA 8270	Benzo(a)anthracene	0.62J	ug/L	1.9	08/02/17 12:51	

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(920)469-2436

SUMMARY OF DETECTION

Project: 0403363 KRAFT
Pace Project No.: 40154013

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40154013006	**SB-26-S**					
EPA 8270	Benzo(b)fluoranthene	0.76J	ug/L	2.3	08/02/17 12:51	
EPA 8270	Fluoranthene	0.93J	ug/L	2.0	08/02/17 12:51	
40154013007	**SB-31-S**					
EPA 6010	Arsenic	155	ug/L	25.0	08/02/17 14:05	
EPA 6010	Barium	1360	ug/L	5.0	08/02/17 14:05	
EPA 6010	Chromium	229	ug/L	10.0	08/02/17 14:05	
EPA 6010	Lead	89.2	ug/L	13.0	08/02/17 14:05	
EPA 7470	Mercury	0.18J	ug/L	0.42	08/04/17 09:27	
40154013008	**SB-27-D**					
EPA 6010	Arsenic	19.3J	ug/L	25.0	08/02/17 14:07	
EPA 6010	Barium	298	ug/L	5.0	08/02/17 14:07	
EPA 6010	Chromium	67.0	ug/L	10.0	08/02/17 14:07	
EPA 6010	Lead	117	ug/L	13.0	08/02/17 14:07	
EPA 8260	cis-1,2-Dichloroethene	3.7	ug/L	1.0	08/01/17 00:32	
40154013009	**SB-53-S**					
EPA 6010	Barium	155	ug/L	5.0	08/02/17 14:10	
EPA 6010	Chromium	4.8J	ug/L	10.0	08/02/17 14:10	
EPA 8260	cis-1,2-Dichloroethene	0.51J	ug/L	1.0	08/01/17 00:55	
EPA 8260	Trichloroethene	0.39J	ug/L	1.0	08/01/17 00:55	
40154013010	**SB-34-S**					
EPA 6010	Barium	125	ug/L	5.0	08/02/17 14:12	
EPA 6010	Chromium	7.0J	ug/L	10.0	08/02/17 14:12	
40154013011	**SB-35-S**					
EPA 6010	Arsenic	35.3	ug/L	25.0	08/02/17 14:19	
EPA 6010	Barium	362	ug/L	5.0	08/02/17 14:19	
EPA 6010	Chromium	15.6	ug/L	10.0	08/02/17 14:19	
EPA 6010	Lead	20.5	ug/L	13.0	08/02/17 14:19	
EPA 8260	cis-1,2-Dichloroethene	0.70J	ug/L	1.0	07/31/17 19:43	
EPA 8260	trans-1,2-Dichloroethene	0.75J	ug/L	1.0	07/31/17 19:43	
EPA 8260	Vinyl chloride	0.48J	ug/L	1.0	07/31/17 19:43	
40154013012	**SB-36-S**					
EPA 6010	Arsenic	36.2	ug/L	25.0	08/02/17 14:22	
EPA 6010	Barium	288	ug/L	5.0	08/02/17 14:22	
EPA 6010	Chromium	58.0	ug/L	10.0	08/02/17 14:22	
EPA 6010	Lead	21.6	ug/L	13.0	08/02/17 14:22	
EPA 7470	Mercury	0.18J	ug/L	0.42	08/04/17 09:38	
40154013013	**SB-35, 3.5-4.5**					
EPA 6010	Arsenic	13.0	mg/kg	7.6	08/04/17 10:31	
EPA 6010	Barium	90.4	mg/kg	0.76	08/04/17 10:31	
EPA 6010	Cadmium	0.79	mg/kg	0.76	08/04/17 10:31	
EPA 6010	Chromium	19.0	mg/kg	1.5	08/04/17 10:31	
EPA 6010	Lead	18.1	mg/kg	2.0	08/04/17 10:31	
EPA 6010	Silver	1.2J	mg/kg	1.5	08/04/17 10:31	

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SUMMARY OF DETECTION

Project: 0403363 KRAFT
Pace Project No.: 40154013

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40154013013	**SB-35, 3.5-4.5**					
EPA 7471	Mercury	0.080	mg/kg	0.057	08/11/17 12:43	
EPA 8270	2-Methylnaphthalene	2430	ug/kg	232	07/31/17 18:22	
EPA 8270	Acenaphthene	1080	ug/kg	317	07/31/17 18:22	
EPA 8270	Acenaphthylene	98.3J	ug/kg	319	07/31/17 18:22	
EPA 8270	Anthracene	481	ug/kg	143	07/31/17 18:22	
EPA 8270	Benzo(a)anthracene	319	ug/kg	138	07/31/17 18:22	
EPA 8270	Benzo(a)pyrene	244	ug/kg	135	07/31/17 18:22	
EPA 8270	Benzo(b)fluoranthene	219	ug/kg	154	07/31/17 18:22	
EPA 8270	Benzo(g,h,i)perylene	144J	ug/kg	234	07/31/17 18:22	
EPA 8270	Benzo(k)fluoranthene	92.0J	ug/kg	214	07/31/17 18:22	
EPA 8270	Chrysene	372	ug/kg	134	07/31/17 18:22	
EPA 8270	Dibenzofuran	113	ug/kg	108	07/31/17 18:22	
EPA 8270	Fluoranthene	677	ug/kg	126	07/31/17 18:22	
EPA 8270	Fluorene	581	ug/kg	104	07/31/17 18:22	
EPA 8270	Indeno(1,2,3-cd)pyrene	141J	ug/kg	193	07/31/17 18:22	
EPA 8270	Naphthalene	3420	ug/kg	313	07/31/17 18:22	
EPA 8270	Phenanthrene	1670	ug/kg	115	07/31/17 18:22	
EPA 8270	Phenol	73.8J	ug/kg	212	07/31/17 18:22	
EPA 8270	Pyrene	882	ug/kg	198	07/31/17 18:22	
ASTM D2974-87	Percent Moisture	37.7	%	0.10	07/31/17 17:26	

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ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154013

Sample: SB-28-S **Lab ID: 40154013001** Collected: 07/26/17 17:15 Received: 07/28/17 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**<8.3**	ug/L	25.0	8.3	1	08/01/17 11:54	08/02/17 13:41	7440-38-2	
Barium	**320**	ug/L	5.0	1.5	1	08/01/17 11:54	08/02/17 13:41	7440-39-3	
Cadmium	**<1.3**	ug/L	5.0	1.3	1	08/01/17 11:54	08/02/17 13:41	7440-43-9	
Chromium	**9.8J**	ug/L	10.0	2.5	1	08/01/17 11:54	08/02/17 13:41	7440-47-3	
Lead	**8.9J**	ug/L	13.0	4.3	1	08/01/17 11:54	08/02/17 13:41	7439-92-1	
Selenium	**<16.6**	ug/L	50.0	16.6	1	08/01/17 11:54	08/02/17 13:41	7782-49-2	
Silver	**<3.3**	ug/L	10.0	3.3	1	08/01/17 11:54	08/02/17 13:41	7440-22-4	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**<0.13**	ug/L	0.42	0.13	1	08/03/17 13:00	08/04/17 09:08	7439-97-6	
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510								
1,2,4-Trichlorobenzene	**<2.0**	ug/L	6.8	2.0	1	08/01/17 08:10	08/02/17 09:59	120-82-1	
1,2-Dichlorobenzene	**<1.9**	ug/L	6.4	1.9	1	08/01/17 08:10	08/02/17 09:59	95-50-1	
1,3-Dichlorobenzene	**<1.9**	ug/L	6.3	1.9	1	08/01/17 08:10	08/02/17 09:59	541-73-1	
1,4-Dichlorobenzene	**<1.9**	ug/L	6.3	1.9	1	08/01/17 08:10	08/02/17 09:59	106-46-7	
2,2'-Oxybis(1-chloropropane)	**<1.5**	ug/L	5.1	1.5	1	08/01/17 08:10	08/02/17 09:59	108-60-1	
2,4,5-Trichlorophenol	**<0.84**	ug/L	2.8	0.84	1	08/01/17 08:10	08/02/17 09:59	95-95-4	
2,4,6-Trichlorophenol	**<2.1**	ug/L	7.0	2.1	1	08/01/17 08:10	08/02/17 09:59	88-06-2	
2,4-Dichlorophenol	**<1.4**	ug/L	4.6	1.4	1	08/01/17 08:10	08/02/17 09:59	120-83-2	
2,4-Dimethylphenol	**<1.3**	ug/L	4.2	1.3	1	08/01/17 08:10	08/02/17 09:59	105-67-9	
2,4-Dinitrophenol	**<0.71**	ug/L	2.4	0.71	1	08/01/17 08:10	08/02/17 09:59	51-28-5	
2,4-Dinitrotoluene	**<0.79**	ug/L	2.6	0.79	1	08/01/17 08:10	08/02/17 09:59	121-14-2	
2,6-Dinitrotoluene	**<0.60**	ug/L	2.0	0.60	1	08/01/17 08:10	08/02/17 09:59	606-20-2	
2-Chloronaphthalene	**<1.6**	ug/L	5.5	1.6	1	08/01/17 08:10	08/02/17 09:59	91-58-7	
2-Chlorophenol	**<1.2**	ug/L	3.9	1.2	1	08/01/17 08:10	08/02/17 09:59	95-57-8	
2-Methylnaphthalene	**<1.5**	ug/L	5.0	1.5	1	08/01/17 08:10	08/02/17 09:59	91-57-6	
2-Methylphenol(o-Cresol)	**<0.87**	ug/L	2.9	0.87	1	08/01/17 08:10	08/02/17 09:59	95-48-7	
2-Nitroaniline	**<0.77**	ug/L	2.6	0.77	1	08/01/17 08:10	08/02/17 09:59	88-74-4	
2-Nitrophenol	**<1.2**	ug/L	3.9	1.2	1	08/01/17 08:10	08/02/17 09:59	88-75-5	
3&4-Methylphenol(m&p Cresol)	**<1.6**	ug/L	5.2	1.6	1	08/01/17 08:10	08/02/17 09:59		
3,3'-Dichlorobenzidine	**<0.91**	ug/L	3.0	0.91	1	08/01/17 08:10	08/02/17 09:59	91-94-1	
3-Nitroaniline	**<0.97**	ug/L	3.2	0.97	1	08/01/17 08:10	08/02/17 09:59	99-09-2	
4,6-Dinitro-2-methylphenol	**<0.65**	ug/L	2.2	0.65	1	08/01/17 08:10	08/02/17 09:59	534-52-1	
4-Bromophenylphenyl ether	**<2.0**	ug/L	6.6	2.0	1	08/01/17 08:10	08/02/17 09:59	101-55-3	
4-Chloro-3-methylphenol	**<1.7**	ug/L	5.6	1.7	1	08/01/17 08:10	08/02/17 09:59	59-50-7	
4-Chloroaniline	**<1.1**	ug/L	3.7	1.1	1	08/01/17 08:10	08/02/17 09:59	106-47-8	
4-Chlorophenylphenyl ether	**<0.82**	ug/L	2.7	0.82	1	08/01/17 08:10	08/02/17 09:59	7005-72-3	
4-Nitroaniline	**<1.8**	ug/L	6.1	1.8	1	08/01/17 08:10	08/02/17 09:59	100-01-6	
4-Nitrophenol	**<1.0**	ug/L	3.5	1.0	1	08/01/17 08:10	08/02/17 09:59	100-02-7	
Acenaphthene	**<1.3**	ug/L	4.5	1.3	1	08/01/17 08:10	08/02/17 09:59	83-32-9	
Acenaphthylene	**<1.1**	ug/L	3.5	1.1	1	08/01/17 08:10	08/02/17 09:59	208-96-8	
Anthracene	**<1.8**	ug/L	6.0	1.8	1	08/01/17 08:10	08/02/17 09:59	120-12-7	
Benzo(a)anthracene	**<0.53**	ug/L	1.8	0.53	1	08/01/17 08:10	08/02/17 09:59	56-55-3	
Benzo(a)pyrene	**<1.9**	ug/L	6.3	1.9	1	08/01/17 08:10	08/02/17 09:59	50-32-8	
Benzo(b)fluoranthene	**<0.65**	ug/L	2.2	0.65	1	08/01/17 08:10	08/02/17 09:59	205-99-2	

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ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154013

Sample: SB-28-S **Lab ID: 40154013001** Collected: 07/26/17 17:15 Received: 07/28/17 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510								
Benzo(g,h,i)perylene	**<0.81**	ug/L	2.7	0.81	1	08/01/17 08:10	08/02/17 09:59	191-24-2	
Benzo(k)fluoranthene	**<1.0**	ug/L	3.3	1.0	1	08/01/17 08:10	08/02/17 09:59	207-08-9	
Butylbenzylphthalate	**<0.77**	ug/L	2.6	0.77	1	08/01/17 08:10	08/02/17 09:59	85-68-7	
Carbazole	**<0.75**	ug/L	2.5	0.75	1	08/01/17 08:10	08/02/17 09:59	86-74-8	
Chrysene	**<1.7**	ug/L	5.8	1.7	1	08/01/17 08:10	08/02/17 09:59	218-01-9	
Di-n-butylphthalate	**<2.6**	ug/L	8.5	2.6	1	08/01/17 08:10	08/02/17 09:59	84-74-2	
Di-n-octylphthalate	**<1.9**	ug/L	6.3	1.9	1	08/01/17 08:10	08/02/17 09:59	117-84-0	
Dibenz(a,h)anthracene	**<1.3**	ug/L	4.4	1.3	1	08/01/17 08:10	08/02/17 09:59	53-70-3	
Dibenzofuran	**<0.77**	ug/L	2.6	0.77	1	08/01/17 08:10	08/02/17 09:59	132-64-9	
Diethylphthalate	**<1.1**	ug/L	3.6	1.1	1	08/01/17 08:10	08/02/17 09:59	84-66-2	
Dimethylphthalate	**<1.9**	ug/L	6.4	1.9	1	08/01/17 08:10	08/02/17 09:59	131-11-3	
Fluoranthene	**<0.56**	ug/L	1.9	0.56	1	08/01/17 08:10	08/02/17 09:59	206-44-0	
Fluorene	**<0.75**	ug/L	2.5	0.75	1	08/01/17 08:10	08/02/17 09:59	86-73-7	
Hexachloro-1,3-butadiene	**<2.5**	ug/L	8.2	2.5	1	08/01/17 08:10	08/02/17 09:59	87-68-3	
Hexachlorobenzene	**<1.7**	ug/L	5.6	1.7	1	08/01/17 08:10	08/02/17 09:59	118-74-1	
Hexachlorocyclopentadiene	**<0.68**	ug/L	2.3	0.68	1	08/01/17 08:10	08/02/17 09:59	77-47-4	
Hexachloroethane	**<2.7**	ug/L	8.9	2.7	1	08/01/17 08:10	08/02/17 09:59	67-72-1	
Indeno(1,2,3-cd)pyrene	**<1.5**	ug/L	5.0	1.5	1	08/01/17 08:10	08/02/17 09:59	193-39-5	
Isophorone	**<0.73**	ug/L	2.4	0.73	1	08/01/17 08:10	08/02/17 09:59	78-59-1	
N-Nitroso-di-n-propylamine	**<0.97**	ug/L	3.2	0.97	1	08/01/17 08:10	08/02/17 09:59	621-64-7	
N-Nitrosodiphenylamine	**<3.5**	ug/L	11.8	3.5	1	08/01/17 08:10	08/02/17 09:59	86-30-6	
Naphthalene	**<1.9**	ug/L	6.3	1.9	1	08/01/17 08:10	08/02/17 09:59	91-20-3	
Nitrobenzene	**<1.5**	ug/L	4.8	1.5	1	08/01/17 08:10	08/02/17 09:59	98-95-3	
Pentachlorophenol	**<1.4**	ug/L	4.8	1.4	1	08/01/17 08:10	08/02/17 09:59	87-86-5	
Phenanthrene	**<1.8**	ug/L	6.1	1.8	1	08/01/17 08:10	08/02/17 09:59	85-01-8	
Phenol	**<0.60**	ug/L	2.0	0.60	1	08/01/17 08:10	08/02/17 09:59	108-95-2	
Pyrene	**<1.3**	ug/L	4.5	1.3	1	08/01/17 08:10	08/02/17 09:59	129-00-0	
bis(2-Chloroethoxy)methane	**<1.0**	ug/L	3.3	1.0	1	08/01/17 08:10	08/02/17 09:59	111-91-1	
bis(2-Chloroethyl) ether	**<1.6**	ug/L	5.3	1.6	1	08/01/17 08:10	08/02/17 09:59	111-44-4	
bis(2-Ethylhexyl)phthalate	**<0.69**	ug/L	2.3	0.69	1	08/01/17 08:10	08/02/17 09:59	117-81-7	
Surrogates									
Nitrobenzene-d5 (S)	77	%	53-100		1	08/01/17 08:10	08/02/17 09:59	4165-60-0	
2-Fluorobiphenyl (S)	84	%	59-109		1	08/01/17 08:10	08/02/17 09:59	321-60-8	
Terphenyl-d14 (S)	105	%	59-108		1	08/01/17 08:10	08/02/17 09:59	1718-51-0	
Phenol-d6 (S)	28	%	18-120		1	08/01/17 08:10	08/02/17 09:59	13127-88-3	
2-Fluorophenol (S)	55	%	27-67		1	08/01/17 08:10	08/02/17 09:59	367-12-4	
2,4,6-Tribromophenol (S)	102	%	65-140		1	08/01/17 08:10	08/02/17 09:59	118-79-6	
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<0.50**	ug/L	1.0	0.50	1		07/31/17 20:28	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		07/31/17 20:28	108-86-1	
Bromochloromethane	**<0.34**	ug/L	1.0	0.34	1		07/31/17 20:28	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		07/31/17 20:28	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		07/31/17 20:28	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		07/31/17 20:28	74-83-9	
n-Butylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/31/17 20:28	104-51-8	

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ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154013

Sample: SB-28-S **Lab ID: 40154013001** Collected: 07/26/17 17:15 Received: 07/28/17 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		07/31/17 20:28	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		07/31/17 20:28	98-06-6	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		07/31/17 20:28	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/31/17 20:28	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		07/31/17 20:28	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		07/31/17 20:28	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		07/31/17 20:28	74-87-3	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		07/31/17 20:28	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		07/31/17 20:28	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		07/31/17 20:28	96-12-8	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		07/31/17 20:28	124-48-1	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		07/31/17 20:28	106-93-4	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		07/31/17 20:28	74-95-3	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/31/17 20:28	95-50-1	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/31/17 20:28	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/31/17 20:28	106-46-7	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		07/31/17 20:28	75-71-8	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		07/31/17 20:28	75-34-3	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		07/31/17 20:28	107-06-2	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		07/31/17 20:28	75-35-4	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		07/31/17 20:28	156-59-2	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		07/31/17 20:28	156-60-5	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		07/31/17 20:28	78-87-5	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		07/31/17 20:28	142-28-9	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		07/31/17 20:28	594-20-7	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		07/31/17 20:28	563-58-6	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		07/31/17 20:28	10061-01-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		07/31/17 20:28	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		07/31/17 20:28	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/31/17 20:28	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		07/31/17 20:28	87-68-3	
Isopropylbenzene (Cumene)	**<0.14**	ug/L	1.0	0.14	1		07/31/17 20:28	98-82-8	
p-Isopropyltoluene	**<0.50**	ug/L	1.0	0.50	1		07/31/17 20:28	99-87-6	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		07/31/17 20:28	75-09-2	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		07/31/17 20:28	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		07/31/17 20:28	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/31/17 20:28	103-65-1	
Styrene	**<0.50**	ug/L	1.0	0.50	1		07/31/17 20:28	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		07/31/17 20:28	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.25**	ug/L	1.0	0.25	1		07/31/17 20:28	79-34-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		07/31/17 20:28	127-18-4	
Toluene	**<0.50**	ug/L	1.0	0.50	1		07/31/17 20:28	108-88-3	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		07/31/17 20:28	87-61-6	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		07/31/17 20:28	120-82-1	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		07/31/17 20:28	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		07/31/17 20:28	79-00-5	

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ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154013

Sample: SB-28-S **Lab ID: 40154013001** Collected: 07/26/17 17:15 Received: 07/28/17 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		07/31/17 20:28	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		07/31/17 20:28	75-69-4	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		07/31/17 20:28	96-18-4	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/31/17 20:28	95-63-6	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/31/17 20:28	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		07/31/17 20:28	75-01-4	
m&p-Xylene	**<1.0**	ug/L	2.0	1.0	1		07/31/17 20:28	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		07/31/17 20:28	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	88	%	61-130		1		07/31/17 20:28	460-00-4	
Dibromofluoromethane (S)	110	%	67-130		1		07/31/17 20:28	1868-53-7	
Toluene-d8 (S)	99	%	70-130		1		07/31/17 20:28	2037-26-5	

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ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154013

Sample: SB-31-D **Lab ID: 40154013002** Collected: 07/26/17 16:55 Received: 07/28/17 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010	Preparation Method: EPA 3010							
Arsenic	**143**	ug/L	25.0	8.3	1	08/01/17 11:54	08/02/17 13:52	7440-38-2	
Barium	**1920**	ug/L	5.0	1.5	1	08/01/17 11:54	08/02/17 13:52	7440-39-3	
Cadmium	**<1.3**	ug/L	5.0	1.3	1	08/01/17 11:54	08/02/17 13:52	7440-43-9	
Chromium	**372**	ug/L	10.0	2.5	1	08/01/17 11:54	08/02/17 13:52	7440-47-3	
Lead	**148**	ug/L	13.0	4.3	1	08/01/17 11:54	08/02/17 13:52	7439-92-1	
Selenium	**<16.6**	ug/L	50.0	16.6	1	08/01/17 11:54	08/02/17 13:52	7782-49-2	
Silver	**<3.3**	ug/L	10.0	3.3	1	08/01/17 11:54	08/02/17 13:52	7440-22-4	
7470 Mercury	Analytical Method: EPA 7470	Preparation Method: EPA 7470							
Mercury	**0.34J**	ug/L	0.42	0.13	1	08/03/17 13:00	08/04/17 09:11	7439-97-6	
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270	Preparation Method: EPA 3510							
1,2,4-Trichlorobenzene	**<2.1**	ug/L	7.1	2.1	1	08/01/17 08:10	08/02/17 10:21	120-82-1	
1,2-Dichlorobenzene	**<2.0**	ug/L	6.8	2.0	1	08/01/17 08:10	08/02/17 10:21	95-50-1	
1,3-Dichlorobenzene	**<2.0**	ug/L	6.6	2.0	1	08/01/17 08:10	08/02/17 10:21	541-73-1	
1,4-Dichlorobenzene	**<2.0**	ug/L	6.6	2.0	1	08/01/17 08:10	08/02/17 10:21	106-46-7	
2,2'-Oxybis(1-chloropropane)	**<1.6**	ug/L	5.4	1.6	1	08/01/17 08:10	08/02/17 10:21	108-60-1	
2,4,5-Trichlorophenol	**<0.89**	ug/L	3.0	0.89	1	08/01/17 08:10	08/02/17 10:21	95-95-4	
2,4,6-Trichlorophenol	**<2.2**	ug/L	7.4	2.2	1	08/01/17 08:10	08/02/17 10:21	88-06-2	
2,4-Dichlorophenol	**<1.4**	ug/L	4.8	1.4	1	08/01/17 08:10	08/02/17 10:21	120-83-2	
2,4-Dimethylphenol	**<1.3**	ug/L	4.4	1.3	1	08/01/17 08:10	08/02/17 10:21	105-67-9	
2,4-Dinitrophenol	**<0.75**	ug/L	2.5	0.75	1	08/01/17 08:10	08/02/17 10:21	51-28-5	
2,4-Dinitrotoluene	**<0.83**	ug/L	2.8	0.83	1	08/01/17 08:10	08/02/17 10:21	121-14-2	
2,6-Dinitrotoluene	**<0.63**	ug/L	2.1	0.63	1	08/01/17 08:10	08/02/17 10:21	606-20-2	
2-Chloronaphthalene	**<1.7**	ug/L	5.8	1.7	1	08/01/17 08:10	08/02/17 10:21	91-58-7	
2-Chlorophenol	**<1.2**	ug/L	4.1	1.2	1	08/01/17 08:10	08/02/17 10:21	95-57-8	
2-Methylnaphthalene	**<1.6**	ug/L	5.3	1.6	1	08/01/17 08:10	08/02/17 10:21	91-57-6	
2-Methylphenol(o-Cresol)	**<0.91**	ug/L	3.0	0.91	1	08/01/17 08:10	08/02/17 10:21	95-48-7	
2-Nitroaniline	**<0.81**	ug/L	2.7	0.81	1	08/01/17 08:10	08/02/17 10:21	88-74-4	
2-Nitrophenol	**<1.2**	ug/L	4.1	1.2	1	08/01/17 08:10	08/02/17 10:21	88-75-5	
3&4-Methylphenol(m&p Cresol)	**<1.6**	ug/L	5.5	1.6	1	08/01/17 08:10	08/02/17 10:21		
3,3'-Dichlorobenzidine	**<0.95**	ug/L	3.2	0.95	1	08/01/17 08:10	08/02/17 10:21	91-94-1	
3-Nitroaniline	**<1.0**	ug/L	3.4	1.0	1	08/01/17 08:10	08/02/17 10:21	99-09-2	
4,6-Dinitro-2-methylphenol	**<0.69**	ug/L	2.3	0.69	1	08/01/17 08:10	08/02/17 10:21	534-52-1	
4-Bromophenylphenyl ether	**<2.1**	ug/L	6.9	2.1	1	08/01/17 08:10	08/02/17 10:21	101-55-3	
4-Chloro-3-methylphenol	**<1.8**	ug/L	5.9	1.8	1	08/01/17 08:10	08/02/17 10:21	59-50-7	
4-Chloroaniline	**<1.2**	ug/L	3.8	1.2	1	08/01/17 08:10	08/02/17 10:21	106-47-8	
4-Chlorophenylphenyl ether	**<0.86**	ug/L	2.9	0.86	1	08/01/17 08:10	08/02/17 10:21	7005-72-3	
4-Nitroaniline	**<1.9**	ug/L	6.4	1.9	1	08/01/17 08:10	08/02/17 10:21	100-01-6	
4-Nitrophenol	**<1.1**	ug/L	3.7	1.1	1	08/01/17 08:10	08/02/17 10:21	100-02-7	
Acenaphthene	**<1.4**	ug/L	4.7	1.4	1	08/01/17 08:10	08/02/17 10:21	83-32-9	
Acenaphthylene	**<1.1**	ug/L	3.7	1.1	1	08/01/17 08:10	08/02/17 10:21	208-96-8	
Anthracene	**<1.9**	ug/L	6.3	1.9	1	08/01/17 08:10	08/02/17 10:21	120-12-7	
Benzo(a)anthracene	**<0.56**	ug/L	1.9	0.56	1	08/01/17 08:10	08/02/17 10:21	56-55-3	
Benzo(a)pyrene	**<2.0**	ug/L	6.6	2.0	1	08/01/17 08:10	08/02/17 10:21	50-32-8	
Benzo(b)fluoranthene	**<0.69**	ug/L	2.3	0.69	1	08/01/17 08:10	08/02/17 10:21	205-99-2	

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ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154013

Sample: SB-31-D **Lab ID: 40154013002** Collected: 07/26/17 16:55 Received: 07/28/17 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510								
Benzo(g,h,i)perylene	**<0.85**	ug/L	2.8	0.85	1	08/01/17 08:10	08/02/17 10:21	191-24-2	
Benzo(k)fluoranthene	**<1.1**	ug/L	3.5	1.1	1	08/01/17 08:10	08/02/17 10:21	207-08-9	
Butylbenzylphthalate	**<0.81**	ug/L	2.7	0.81	1	08/01/17 08:10	08/02/17 10:21	85-68-7	
Carbazole	**1.2J**	ug/L	2.6	0.79	1	08/01/17 08:10	08/02/17 10:21	86-74-8	
Chrysene	**<1.8**	ug/L	6.1	1.8	1	08/01/17 08:10	08/02/17 10:21	218-01-9	
Di-n-butylphthalate	**<2.7**	ug/L	9.0	2.7	1	08/01/17 08:10	08/02/17 10:21	84-74-2	
Di-n-octylphthalate	**<2.0**	ug/L	6.6	2.0	1	08/01/17 08:10	08/02/17 10:21	117-84-0	
Dibenz(a,h)anthracene	**<1.4**	ug/L	4.6	1.4	1	08/01/17 08:10	08/02/17 10:21	53-70-3	
Dibenzofuran	**<0.81**	ug/L	2.7	0.81	1	08/01/17 08:10	08/02/17 10:21	132-64-9	
Diethylphthalate	**<1.1**	ug/L	3.8	1.1	1	08/01/17 08:10	08/02/17 10:21	84-66-2	
Dimethylphthalate	**<2.0**	ug/L	6.8	2.0	1	08/01/17 08:10	08/02/17 10:21	131-11-3	
Fluoranthene	**0.96J**	ug/L	2.0	0.59	1	08/01/17 08:10	08/02/17 10:21	206-44-0	
Fluorene	**<0.79**	ug/L	2.6	0.79	1	08/01/17 08:10	08/02/17 10:21	86-73-7	
Hexachloro-1,3-butadiene	**<2.6**	ug/L	8.6	2.6	1	08/01/17 08:10	08/02/17 10:21	87-68-3	
Hexachlorobenzene	**<1.8**	ug/L	5.9	1.8	1	08/01/17 08:10	08/02/17 10:21	118-74-1	
Hexachlorocyclopentadiene	**<0.71**	ug/L	2.4	0.71	1	08/01/17 08:10	08/02/17 10:21	77-47-4	
Hexachloroethane	**<2.8**	ug/L	9.3	2.8	1	08/01/17 08:10	08/02/17 10:21	67-72-1	
Indeno(1,2,3-cd)pyrene	**<1.6**	ug/L	5.3	1.6	1	08/01/17 08:10	08/02/17 10:21	193-39-5	
Isophorone	**<0.77**	ug/L	2.6	0.77	1	08/01/17 08:10	08/02/17 10:21	78-59-1	
N-Nitroso-di-n-propylamine	**<1.0**	ug/L	3.4	1.0	1	08/01/17 08:10	08/02/17 10:21	621-64-7	
N-Nitrosodiphenylamine	**<3.7**	ug/L	12.4	3.7	1	08/01/17 08:10	08/02/17 10:21	86-30-6	
Naphthalene	**<2.0**	ug/L	6.7	2.0	1	08/01/17 08:10	08/02/17 10:21	91-20-3	
Nitrobenzene	**<1.5**	ug/L	5.1	1.5	1	08/01/17 08:10	08/02/17 10:21	98-95-3	
Pentachlorophenol	**<1.5**	ug/L	5.0	1.5	1	08/01/17 08:10	08/02/17 10:21	87-86-5	
Phenanthrene	**<1.9**	ug/L	6.4	1.9	1	08/01/17 08:10	08/02/17 10:21	85-01-8	
Phenol	**<0.63**	ug/L	2.1	0.63	1	08/01/17 08:10	08/02/17 10:21	108-95-2	
Pyrene	**<1.4**	ug/L	4.7	1.4	1	08/01/17 08:10	08/02/17 10:21	129-00-0	
bis(2-Chloroethoxy)methane	**<1.0**	ug/L	3.5	1.0	1	08/01/17 08:10	08/02/17 10:21	111-91-1	
bis(2-Chloroethyl) ether	**<1.7**	ug/L	5.5	1.7	1	08/01/17 08:10	08/02/17 10:21	111-44-4	
bis(2-Ethylhexyl)phthalate	**<0.73**	ug/L	2.4	0.73	1	08/01/17 08:10	08/02/17 10:21	117-81-7	
Surrogates									
Nitrobenzene-d5 (S)	75	%	53-100		1	08/01/17 08:10	08/02/17 10:21	4165-60-0	
2-Fluorobiphenyl (S)	67	%	59-109		1	08/01/17 08:10	08/02/17 10:21	321-60-8	
Terphenyl-d14 (S)	91	%	59-108		1	08/01/17 08:10	08/02/17 10:21	1718-51-0	
Phenol-d6 (S)	28	%	18-120		1	08/01/17 08:10	08/02/17 10:21	13127-88-3	
2-Fluorophenol (S)	50	%	27-67		1	08/01/17 08:10	08/02/17 10:21	367-12-4	
2,4,6-Tribromophenol (S)	98	%	65-140		1	08/01/17 08:10	08/02/17 10:21	118-79-6	
8260 MSV	Analytical Method: EPA 8260								
Benzene	**6.9**	ug/L	1.0	0.50	1		08/01/17 01:39	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		08/01/17 01:39	108-86-1	
Bromochloromethane	**<0.34**	ug/L	1.0	0.34	1		08/01/17 01:39	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		08/01/17 01:39	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		08/01/17 01:39	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		08/01/17 01:39	74-83-9	
n-Butylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 01:39	104-51-8	

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ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154013

Sample: SB-31-D **Lab ID: 40154013002** Collected: 07/26/17 16:55 Received: 07/28/17 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		08/01/17 01:39	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		08/01/17 01:39	98-06-6	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		08/01/17 01:39	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 01:39	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		08/01/17 01:39	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		08/01/17 01:39	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		08/01/17 01:39	74-87-3	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 01:39	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		08/01/17 01:39	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		08/01/17 01:39	96-12-8	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		08/01/17 01:39	124-48-1	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		08/01/17 01:39	106-93-4	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		08/01/17 01:39	74-95-3	
1,2-Dichlorobenzene	**0.52J**	ug/L	1.0	0.50	1		08/01/17 01:39	95-50-1	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 01:39	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 01:39	106-46-7	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		08/01/17 01:39	75-71-8	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		08/01/17 01:39	75-34-3	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		08/01/17 01:39	107-06-2	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		08/01/17 01:39	75-35-4	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		08/01/17 01:39	156-59-2	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		08/01/17 01:39	156-60-5	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		08/01/17 01:39	78-87-5	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		08/01/17 01:39	142-28-9	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		08/01/17 01:39	594-20-7	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		08/01/17 01:39	563-58-6	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 01:39	10061-01-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		08/01/17 01:39	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		08/01/17 01:39	108-20-3	
Ethylbenzene	**9.0**	ug/L	1.0	0.50	1		08/01/17 01:39	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		08/01/17 01:39	87-68-3	
Isopropylbenzene (Cumene)	**1.8**	ug/L	1.0	0.14	1		08/01/17 01:39	98-82-8	
p-Isopropyltoluene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 01:39	99-87-6	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		08/01/17 01:39	75-09-2	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		08/01/17 01:39	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		08/01/17 01:39	91-20-3	
n-Propylbenzene	**1.9**	ug/L	1.0	0.50	1		08/01/17 01:39	103-65-1	
Styrene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 01:39	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		08/01/17 01:39	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.25**	ug/L	1.0	0.25	1		08/01/17 01:39	79-34-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 01:39	127-18-4	
Toluene	**1.1**	ug/L	1.0	0.50	1		08/01/17 01:39	108-88-3	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		08/01/17 01:39	87-61-6	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		08/01/17 01:39	120-82-1	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		08/01/17 01:39	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		08/01/17 01:39	79-00-5	

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ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154013

Sample: SB-31-D **Lab ID: 40154013002** Collected: 07/26/17 16:55 Received: 07/28/17 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		08/01/17 01:39	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		08/01/17 01:39	75-69-4	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		08/01/17 01:39	96-18-4	
1,2,4-Trimethylbenzene	**1.0**	ug/L	1.0	0.50	1		08/01/17 01:39	95-63-6	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 01:39	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		08/01/17 01:39	75-01-4	
m&p-Xylene	**<1.0**	ug/L	2.0	1.0	1		08/01/17 01:39	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 01:39	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	90	%	61-130		1		08/01/17 01:39	460-00-4	HS
Dibromofluoromethane (S)	110	%	67-130		1		08/01/17 01:39	1868-53-7	
Toluene-d8 (S)	99	%	70-130		1		08/01/17 01:39	2037-26-5	

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ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154013

Sample: SB-30-S **Lab ID: 40154013003** Collected: 07/26/17 16:40 Received: 07/28/17 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**<8.3**	ug/L	25.0	8.3	1	08/01/17 11:54	08/02/17 13:55	7440-38-2	
Barium	**92.4**	ug/L	5.0	1.5	1	08/01/17 11:54	08/02/17 13:55	7440-39-3	
Cadmium	**<1.3**	ug/L	5.0	1.3	1	08/01/17 11:54	08/02/17 13:55	7440-43-9	
Chromium	**9.1J**	ug/L	10.0	2.5	1	08/01/17 11:54	08/02/17 13:55	7440-47-3	
Lead	**<4.3**	ug/L	13.0	4.3	1	08/01/17 11:54	08/02/17 13:55	7439-92-1	
Selenium	**<16.6**	ug/L	50.0	16.6	1	08/01/17 11:54	08/02/17 13:55	7782-49-2	
Silver	**<3.3**	ug/L	10.0	3.3	1	08/01/17 11:54	08/02/17 13:55	7440-22-4	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**<0.13**	ug/L	0.42	0.13	1	08/03/17 13:00	08/04/17 09:13	7439-97-6	
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510								
1,2,4-Trichlorobenzene	**<2.0**	ug/L	6.8	2.0	1	08/01/17 08:10	08/02/17 11:46	120-82-1	
1,2-Dichlorobenzene	**<1.9**	ug/L	6.4	1.9	1	08/01/17 08:10	08/02/17 11:46	95-50-1	
1,3-Dichlorobenzene	**<1.9**	ug/L	6.3	1.9	1	08/01/17 08:10	08/02/17 11:46	541-73-1	
1,4-Dichlorobenzene	**<1.9**	ug/L	6.3	1.9	1	08/01/17 08:10	08/02/17 11:46	106-46-7	
2,2'-Oxybis(1-chloropropane)	**<1.5**	ug/L	5.1	1.5	1	08/01/17 08:10	08/02/17 11:46	108-60-1	
2,4,5-Trichlorophenol	**<0.84**	ug/L	2.8	0.84	1	08/01/17 08:10	08/02/17 11:46	95-95-4	
2,4,6-Trichlorophenol	**<2.1**	ug/L	7.0	2.1	1	08/01/17 08:10	08/02/17 11:46	88-06-2	
2,4-Dichlorophenol	**<1.4**	ug/L	4.6	1.4	1	08/01/17 08:10	08/02/17 11:46	120-83-2	
2,4-Dimethylphenol	**<1.3**	ug/L	4.2	1.3	1	08/01/17 08:10	08/02/17 11:46	105-67-9	
2,4-Dinitrophenol	**<0.71**	ug/L	2.4	0.71	1	08/01/17 08:10	08/02/17 11:46	51-28-5	
2,4-Dinitrotoluene	**<0.79**	ug/L	2.6	0.79	1	08/01/17 08:10	08/02/17 11:46	121-14-2	
2,6-Dinitrotoluene	**<0.60**	ug/L	2.0	0.60	1	08/01/17 08:10	08/02/17 11:46	606-20-2	
2-Chloronaphthalene	**<1.6**	ug/L	5.5	1.6	1	08/01/17 08:10	08/02/17 11:46	91-58-7	
2-Chlorophenol	**<1.2**	ug/L	3.9	1.2	1	08/01/17 08:10	08/02/17 11:46	95-57-8	
2-Methylnaphthalene	**<1.5**	ug/L	5.0	1.5	1	08/01/17 08:10	08/02/17 11:46	91-57-6	
2-Methylphenol(o-Cresol)	**<0.87**	ug/L	2.9	0.87	1	08/01/17 08:10	08/02/17 11:46	95-48-7	
2-Nitroaniline	**<0.77**	ug/L	2.6	0.77	1	08/01/17 08:10	08/02/17 11:46	88-74-4	
2-Nitrophenol	**<1.2**	ug/L	3.9	1.2	1	08/01/17 08:10	08/02/17 11:46	88-75-5	
3&4-Methylphenol(m&p Cresol)	**<1.6**	ug/L	5.2	1.6	1	08/01/17 08:10	08/02/17 11:46		
3,3'-Dichlorobenzidine	**<0.91**	ug/L	3.0	0.91	1	08/01/17 08:10	08/02/17 11:46	91-94-1	
3-Nitroaniline	**<0.97**	ug/L	3.2	0.97	1	08/01/17 08:10	08/02/17 11:46	99-09-2	
4,6-Dinitro-2-methylphenol	**<0.65**	ug/L	2.2	0.65	1	08/01/17 08:10	08/02/17 11:46	534-52-1	
4-Bromophenylphenyl ether	**<2.0**	ug/L	6.6	2.0	1	08/01/17 08:10	08/02/17 11:46	101-55-3	
4-Chloro-3-methylphenol	**<1.7**	ug/L	5.6	1.7	1	08/01/17 08:10	08/02/17 11:46	59-50-7	
4-Chloroaniline	**<1.1**	ug/L	3.7	1.1	1	08/01/17 08:10	08/02/17 11:46	106-47-8	
4-Chlorophenylphenyl ether	**<0.82**	ug/L	2.7	0.82	1	08/01/17 08:10	08/02/17 11:46	7005-72-3	
4-Nitroaniline	**<1.8**	ug/L	6.1	1.8	1	08/01/17 08:10	08/02/17 11:46	100-01-6	
4-Nitrophenol	**<1.0**	ug/L	3.5	1.0	1	08/01/17 08:10	08/02/17 11:46	100-02-7	
Acenaphthene	**<1.3**	ug/L	4.5	1.3	1	08/01/17 08:10	08/02/17 11:46	83-32-9	
Acenaphthylene	**<1.1**	ug/L	3.5	1.1	1	08/01/17 08:10	08/02/17 11:46	208-96-8	
Anthracene	**<1.8**	ug/L	6.0	1.8	1	08/01/17 08:10	08/02/17 11:46	120-12-7	
Benzo(a)anthracene	**<0.53**	ug/L	1.8	0.53	1	08/01/17 08:10	08/02/17 11:46	56-55-3	
Benzo(a)pyrene	**<1.9**	ug/L	6.3	1.9	1	08/01/17 08:10	08/02/17 11:46	50-32-8	
Benzo(b)fluoranthene	**<0.65**	ug/L	2.2	0.65	1	08/01/17 08:10	08/02/17 11:46	205-99-2	

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ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154013

Sample: SB-30-S **Lab ID: 40154013003** Collected: 07/26/17 16:40 Received: 07/28/17 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510								
Benzo(g,h,i)perylene	**<0.81**	ug/L	2.7	0.81	1	08/01/17 08:10	08/02/17 11:46	191-24-2	
Benzo(k)fluoranthene	**<1.0**	ug/L	3.3	1.0	1	08/01/17 08:10	08/02/17 11:46	207-08-9	
Butylbenzylphthalate	**<0.77**	ug/L	2.6	0.77	1	08/01/17 08:10	08/02/17 11:46	85-68-7	
Carbazole	**<0.75**	ug/L	2.5	0.75	1	08/01/17 08:10	08/02/17 11:46	86-74-8	
Chrysene	**<1.7**	ug/L	5.8	1.7	1	08/01/17 08:10	08/02/17 11:46	218-01-9	
Di-n-butylphthalate	**<2.6**	ug/L	8.5	2.6	1	08/01/17 08:10	08/02/17 11:46	84-74-2	
Di-n-octylphthalate	**<1.9**	ug/L	6.3	1.9	1	08/01/17 08:10	08/02/17 11:46	117-84-0	
Dibenz(a,h)anthracene	**<1.3**	ug/L	4.4	1.3	1	08/01/17 08:10	08/02/17 11:46	53-70-3	
Dibenzofuran	**<0.77**	ug/L	2.6	0.77	1	08/01/17 08:10	08/02/17 11:46	132-64-9	
Diethylphthalate	**<1.1**	ug/L	3.6	1.1	1	08/01/17 08:10	08/02/17 11:46	84-66-2	
Dimethylphthalate	**<1.9**	ug/L	6.4	1.9	1	08/01/17 08:10	08/02/17 11:46	131-11-3	
Fluoranthene	**<0.56**	ug/L	1.9	0.56	1	08/01/17 08:10	08/02/17 11:46	206-44-0	
Fluorene	**<0.75**	ug/L	2.5	0.75	1	08/01/17 08:10	08/02/17 11:46	86-73-7	
Hexachloro-1,3-butadiene	**<2.5**	ug/L	8.2	2.5	1	08/01/17 08:10	08/02/17 11:46	87-68-3	
Hexachlorobenzene	**<1.7**	ug/L	5.6	1.7	1	08/01/17 08:10	08/02/17 11:46	118-74-1	
Hexachlorocyclopentadiene	**<0.68**	ug/L	2.3	0.68	1	08/01/17 08:10	08/02/17 11:46	77-47-4	
Hexachloroethane	**<2.7**	ug/L	8.9	2.7	1	08/01/17 08:10	08/02/17 11:46	67-72-1	
Indeno(1,2,3-cd)pyrene	**<1.5**	ug/L	5.0	1.5	1	08/01/17 08:10	08/02/17 11:46	193-39-5	
Isophorone	**<0.73**	ug/L	2.4	0.73	1	08/01/17 08:10	08/02/17 11:46	78-59-1	
N-Nitroso-di-n-propylamine	**<0.97**	ug/L	3.2	0.97	1	08/01/17 08:10	08/02/17 11:46	621-64-7	
N-Nitrosodiphenylamine	**<3.5**	ug/L	11.8	3.5	1	08/01/17 08:10	08/02/17 11:46	86-30-6	
Naphthalene	**<1.9**	ug/L	6.3	1.9	1	08/01/17 08:10	08/02/17 11:46	91-20-3	
Nitrobenzene	**<1.5**	ug/L	4.8	1.5	1	08/01/17 08:10	08/02/17 11:46	98-95-3	
Pentachlorophenol	**<1.4**	ug/L	4.8	1.4	1	08/01/17 08:10	08/02/17 11:46	87-86-5	
Phenanthrene	**<1.8**	ug/L	6.1	1.8	1	08/01/17 08:10	08/02/17 11:46	85-01-8	
Phenol	**<0.60**	ug/L	2.0	0.60	1	08/01/17 08:10	08/02/17 11:46	108-95-2	
Pyrene	**<1.3**	ug/L	4.5	1.3	1	08/01/17 08:10	08/02/17 11:46	129-00-0	
bis(2-Chloroethoxy)methane	**<1.0**	ug/L	3.3	1.0	1	08/01/17 08:10	08/02/17 11:46	111-91-1	
bis(2-Chloroethyl) ether	**<1.6**	ug/L	5.3	1.6	1	08/01/17 08:10	08/02/17 11:46	111-44-4	
bis(2-Ethylhexyl)phthalate	**<0.69**	ug/L	2.3	0.69	1	08/01/17 08:10	08/02/17 11:46	117-81-7	
Surrogates									
Nitrobenzene-d5 (S)	87	%	53-100		1	08/01/17 08:10	08/02/17 11:46	4165-60-0	
2-Fluorobiphenyl (S)	71	%	59-109		1	08/01/17 08:10	08/02/17 11:46	321-60-8	
Terphenyl-d14 (S)	110	%	59-108		1	08/01/17 08:10	08/02/17 11:46	1718-51-0	S3
Phenol-d6 (S)	30	%	18-120		1	08/01/17 08:10	08/02/17 11:46	13127-88-3	
2-Fluorophenol (S)	56	%	27-67		1	08/01/17 08:10	08/02/17 11:46	367-12-4	
2,4,6-Tribromophenol (S)	105	%	65-140		1	08/01/17 08:10	08/02/17 11:46	118-79-6	
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<0.50**	ug/L	1.0	0.50	1		07/31/17 23:26	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		07/31/17 23:26	108-86-1	
Bromochloromethane	**<0.34**	ug/L	1.0	0.34	1		07/31/17 23:26	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		07/31/17 23:26	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		07/31/17 23:26	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		07/31/17 23:26	74-83-9	
n-Butylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/31/17 23:26	104-51-8	

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ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154013

Sample: SB-30-S **Lab ID: 40154013003** Collected: 07/26/17 16:40 Received: 07/28/17 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		07/31/17 23:26	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		07/31/17 23:26	98-06-6	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		07/31/17 23:26	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/31/17 23:26	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		07/31/17 23:26	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		07/31/17 23:26	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		07/31/17 23:26	74-87-3	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		07/31/17 23:26	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		07/31/17 23:26	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		07/31/17 23:26	96-12-8	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		07/31/17 23:26	124-48-1	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		07/31/17 23:26	106-93-4	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		07/31/17 23:26	74-95-3	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/31/17 23:26	95-50-1	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/31/17 23:26	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/31/17 23:26	106-46-7	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		07/31/17 23:26	75-71-8	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		07/31/17 23:26	75-34-3	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		07/31/17 23:26	107-06-2	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		07/31/17 23:26	75-35-4	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		07/31/17 23:26	156-59-2	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		07/31/17 23:26	156-60-5	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		07/31/17 23:26	78-87-5	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		07/31/17 23:26	142-28-9	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		07/31/17 23:26	594-20-7	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		07/31/17 23:26	563-58-6	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		07/31/17 23:26	10061-01-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		07/31/17 23:26	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		07/31/17 23:26	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/31/17 23:26	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		07/31/17 23:26	87-68-3	
Isopropylbenzene (Cumene)	**<0.14**	ug/L	1.0	0.14	1		07/31/17 23:26	98-82-8	
p-Isopropyltoluene	**<0.50**	ug/L	1.0	0.50	1		07/31/17 23:26	99-87-6	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		07/31/17 23:26	75-09-2	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		07/31/17 23:26	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		07/31/17 23:26	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/31/17 23:26	103-65-1	
Styrene	**<0.50**	ug/L	1.0	0.50	1		07/31/17 23:26	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		07/31/17 23:26	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.25**	ug/L	1.0	0.25	1		07/31/17 23:26	79-34-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		07/31/17 23:26	127-18-4	
Toluene	**<0.50**	ug/L	1.0	0.50	1		07/31/17 23:26	108-88-3	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		07/31/17 23:26	87-61-6	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		07/31/17 23:26	120-82-1	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		07/31/17 23:26	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		07/31/17 23:26	79-00-5	

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ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154013

Sample: SB-30-S **Lab ID: 40154013003** Collected: 07/26/17 16:40 Received: 07/28/17 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		07/31/17 23:26	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		07/31/17 23:26	75-69-4	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		07/31/17 23:26	96-18-4	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/31/17 23:26	95-63-6	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/31/17 23:26	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		07/31/17 23:26	75-01-4	
m&p-Xylene	**<1.0**	ug/L	2.0	1.0	1		07/31/17 23:26	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		07/31/17 23:26	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	90	%	61-130		1		07/31/17 23:26	460-00-4	HS
Dibromofluoromethane (S)	110	%	67-130		1		07/31/17 23:26	1868-53-7	
Toluene-d8 (S)	97	%	70-130		1		07/31/17 23:26	2037-26-5	

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ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154013

Sample: SB-27-S **Lab ID: 40154013004** Collected: 07/26/17 16:00 Received: 07/28/17 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**9.3J**	ug/L	25.0	8.3	1	08/01/17 11:54	08/02/17 13:57	7440-38-2	
Barium	**407**	ug/L	5.0	1.5	1	08/01/17 11:54	08/02/17 13:57	7440-39-3	
Cadmium	**2.2J**	ug/L	5.0	1.3	1	08/01/17 11:54	08/02/17 13:57	7440-43-9	
Chromium	**26.1**	ug/L	10.0	2.5	1	08/01/17 11:54	08/02/17 13:57	7440-47-3	
Lead	**259**	ug/L	13.0	4.3	1	08/01/17 11:54	08/02/17 13:57	7439-92-1	
Selenium	**<16.6**	ug/L	50.0	16.6	1	08/01/17 11:54	08/02/17 13:57	7782-49-2	
Silver	**<3.3**	ug/L	10.0	3.3	1	08/01/17 11:54	08/02/17 13:57	7440-22-4	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.65**	ug/L	0.42	0.13	1	08/03/17 13:00	08/04/17 09:15	7439-97-6	
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510								
1,2,4-Trichlorobenzene	**<2.1**	ug/L	7.1	2.1	1	08/01/17 08:10	08/02/17 12:08	120-82-1	
1,2-Dichlorobenzene	**<2.0**	ug/L	6.7	2.0	1	08/01/17 08:10	08/02/17 12:08	95-50-1	
1,3-Dichlorobenzene	**<2.0**	ug/L	6.5	2.0	1	08/01/17 08:10	08/02/17 12:08	541-73-1	
1,4-Dichlorobenzene	**<2.0**	ug/L	6.5	2.0	1	08/01/17 08:10	08/02/17 12:08	106-46-7	
2,2'-Oxybis(1-chloropropane)	**<1.6**	ug/L	5.3	1.6	1	08/01/17 08:10	08/02/17 12:08	108-60-1	
2,4,5-Trichlorophenol	**<0.88**	ug/L	2.9	0.88	1	08/01/17 08:10	08/02/17 12:08	95-95-4	
2,4,6-Trichlorophenol	**<2.2**	ug/L	7.3	2.2	1	08/01/17 08:10	08/02/17 12:08	88-06-2	
2,4-Dichlorophenol	**<1.4**	ug/L	4.7	1.4	1	08/01/17 08:10	08/02/17 12:08	120-83-2	
2,4-Dimethylphenol	**<1.3**	ug/L	4.4	1.3	1	08/01/17 08:10	08/02/17 12:08	105-67-9	
2,4-Dinitrophenol	**<0.74**	ug/L	2.5	0.74	1	08/01/17 08:10	08/02/17 12:08	51-28-5	
2,4-Dinitrotoluene	**<0.82**	ug/L	2.7	0.82	1	08/01/17 08:10	08/02/17 12:08	121-14-2	
2,6-Dinitrotoluene	**<0.63**	ug/L	2.1	0.63	1	08/01/17 08:10	08/02/17 12:08	606-20-2	
2-Chloronaphthalene	**<1.7**	ug/L	5.7	1.7	1	08/01/17 08:10	08/02/17 12:08	91-58-7	
2-Chlorophenol	**<1.2**	ug/L	4.0	1.2	1	08/01/17 08:10	08/02/17 12:08	95-57-8	
2-Methylnaphthalene	**<1.6**	ug/L	5.3	1.6	1	08/01/17 08:10	08/02/17 12:08	91-57-6	
2-Methylphenol(o-Cresol)	**<0.90**	ug/L	3.0	0.90	1	08/01/17 08:10	08/02/17 12:08	95-48-7	
2-Nitroaniline	**<0.81**	ug/L	2.7	0.81	1	08/01/17 08:10	08/02/17 12:08	88-74-4	
2-Nitrophenol	**<1.2**	ug/L	4.0	1.2	1	08/01/17 08:10	08/02/17 12:08	88-75-5	
3&4-Methylphenol(m&p Cresol)	**<1.6**	ug/L	5.4	1.6	1	08/01/17 08:10	08/02/17 12:08		
3,3'-Dichlorobenzidine	**<0.94**	ug/L	3.1	0.94	1	08/01/17 08:10	08/02/17 12:08	91-94-1	
3-Nitroaniline	**<1.0**	ug/L	3.4	1.0	1	08/01/17 08:10	08/02/17 12:08	99-09-2	
4,6-Dinitro-2-methylphenol	**<0.68**	ug/L	2.3	0.68	1	08/01/17 08:10	08/02/17 12:08	534-52-1	
4-Bromophenylphenyl ether	**<2.1**	ug/L	6.8	2.1	1	08/01/17 08:10	08/02/17 12:08	101-55-3	
4-Chloro-3-methylphenol	**<1.8**	ug/L	5.9	1.8	1	08/01/17 08:10	08/02/17 12:08	59-50-7	
4-Chloroaniline	**<1.1**	ug/L	3.8	1.1	1	08/01/17 08:10	08/02/17 12:08	106-47-8	
4-Chlorophenylphenyl ether	**<0.85**	ug/L	2.8	0.85	1	08/01/17 08:10	08/02/17 12:08	7005-72-3	
4-Nitroaniline	**<1.9**	ug/L	6.4	1.9	1	08/01/17 08:10	08/02/17 12:08	100-01-6	
4-Nitrophenol	**<1.1**	ug/L	3.6	1.1	1	08/01/17 08:10	08/02/17 12:08	100-02-7	
Acenaphthene	**<1.4**	ug/L	4.7	1.4	1	08/01/17 08:10	08/02/17 12:08	83-32-9	
Acenaphthylene	**<1.1**	ug/L	3.7	1.1	1	08/01/17 08:10	08/02/17 12:08	208-96-8	
Anthracene	**<1.9**	ug/L	6.3	1.9	1	08/01/17 08:10	08/02/17 12:08	120-12-7	
Benzo(a)anthracene	**0.63J**	ug/L	1.9	0.56	1	08/01/17 08:10	08/02/17 12:08	56-55-3	
Benzo(a)pyrene	**<2.0**	ug/L	6.5	2.0	1	08/01/17 08:10	08/02/17 12:08	50-32-8	
Benzo(b)fluoranthene	**0.74J**	ug/L	2.3	0.68	1	08/01/17 08:10	08/02/17 12:08	205-99-2	

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ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154013

Sample: SB-27-S **Lab ID: 40154013004** Collected: 07/26/17 16:00 Received: 07/28/17 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510								
Benzo(g,h,i)perylene	**<0.84**	ug/L	2.8	0.84	1	08/01/17 08:10	08/02/17 12:08	191-24-2	
Benzo(k)fluoranthene	**<1.0**	ug/L	3.5	1.0	1	08/01/17 08:10	08/02/17 12:08	207-08-9	
Butylbenzylphthalate	**<0.81**	ug/L	2.7	0.81	1	08/01/17 08:10	08/02/17 12:08	85-68-7	
Carbazole	**<0.78**	ug/L	2.6	0.78	1	08/01/17 08:10	08/02/17 12:08	86-74-8	
Chrysene	**<1.8**	ug/L	6.0	1.8	1	08/01/17 08:10	08/02/17 12:08	218-01-9	
Di-n-butylphthalate	**<2.7**	ug/L	8.9	2.7	1	08/01/17 08:10	08/02/17 12:08	84-74-2	
Di-n-octylphthalate	**<2.0**	ug/L	6.6	2.0	1	08/01/17 08:10	08/02/17 12:08	117-84-0	
Dibenz(a,h)anthracene	**<1.4**	ug/L	4.6	1.4	1	08/01/17 08:10	08/02/17 12:08	53-70-3	
Dibenzofuran	**<0.80**	ug/L	2.7	0.80	1	08/01/17 08:10	08/02/17 12:08	132-64-9	
Diethylphthalate	**<1.1**	ug/L	3.8	1.1	1	08/01/17 08:10	08/02/17 12:08	84-66-2	
Dimethylphthalate	**<2.0**	ug/L	6.7	2.0	1	08/01/17 08:10	08/02/17 12:08	131-11-3	
Fluoranthene	**0.95J**	ug/L	2.0	0.59	1	08/01/17 08:10	08/02/17 12:08	206-44-0	
Fluorene	**<0.78**	ug/L	2.6	0.78	1	08/01/17 08:10	08/02/17 12:08	86-73-7	
Hexachloro-1,3-butadiene	**<2.6**	ug/L	8.5	2.6	1	08/01/17 08:10	08/02/17 12:08	87-68-3	
Hexachlorobenzene	**<1.8**	ug/L	5.9	1.8	1	08/01/17 08:10	08/02/17 12:08	118-74-1	
Hexachlorocyclopentadiene	**<0.71**	ug/L	2.4	0.71	1	08/01/17 08:10	08/02/17 12:08	77-47-4	
Hexachloroethane	**<2.8**	ug/L	9.2	2.8	1	08/01/17 08:10	08/02/17 12:08	67-72-1	
Indeno(1,2,3-cd)pyrene	**<1.6**	ug/L	5.2	1.6	1	08/01/17 08:10	08/02/17 12:08	193-39-5	
Isophorone	**<0.77**	ug/L	2.6	0.77	1	08/01/17 08:10	08/02/17 12:08	78-59-1	
N-Nitroso-di-n-propylamine	**<1.0**	ug/L	3.4	1.0	1	08/01/17 08:10	08/02/17 12:08	621-64-7	
N-Nitrosodiphenylamine	**<3.7**	ug/L	12.2	3.7	1	08/01/17 08:10	08/02/17 12:08	86-30-6	
Naphthalene	**<2.0**	ug/L	6.6	2.0	1	08/01/17 08:10	08/02/17 12:08	91-20-3	
Nitrobenzene	**<1.5**	ug/L	5.0	1.5	1	08/01/17 08:10	08/02/17 12:08	98-95-3	
Pentachlorophenol	**<1.5**	ug/L	5.0	1.5	1	08/01/17 08:10	08/02/17 12:08	87-86-5	
Phenanthrene	**<1.9**	ug/L	6.3	1.9	1	08/01/17 08:10	08/02/17 12:08	85-01-8	
Phenol	**<0.62**	ug/L	2.1	0.62	1	08/01/17 08:10	08/02/17 12:08	108-95-2	
Pyrene	**<1.4**	ug/L	4.7	1.4	1	08/01/17 08:10	08/02/17 12:08	129-00-0	
bis(2-Chloroethoxy)methane	**<1.0**	ug/L	3.5	1.0	1	08/01/17 08:10	08/02/17 12:08	111-91-1	
bis(2-Chloroethyl) ether	**<1.6**	ug/L	5.5	1.6	1	08/01/17 08:10	08/02/17 12:08	111-44-4	
bis(2-Ethylhexyl)phthalate	**<0.72**	ug/L	2.4	0.72	1	08/01/17 08:10	08/02/17 12:08	117-81-7	
Surrogates									
Nitrobenzene-d5 (S)	80	%	53-100		1	08/01/17 08:10	08/02/17 12:08	4165-60-0	
2-Fluorobiphenyl (S)	66	%	59-109		1	08/01/17 08:10	08/02/17 12:08	321-60-8	
Terphenyl-d14 (S)	99	%	59-108		1	08/01/17 08:10	08/02/17 12:08	1718-51-0	
Phenol-d6 (S)	30	%	18-120		1	08/01/17 08:10	08/02/17 12:08	13127-88-3	
2-Fluorophenol (S)	52	%	27-67		1	08/01/17 08:10	08/02/17 12:08	367-12-4	
2,4,6-Tribromophenol (S)	97	%	65-140		1	08/01/17 08:10	08/02/17 12:08	118-79-6	
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<0.50**	ug/L	1.0	0.50	1		07/31/17 20:50	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		07/31/17 20:50	108-86-1	
Bromochloromethane	**<0.34**	ug/L	1.0	0.34	1		07/31/17 20:50	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		07/31/17 20:50	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		07/31/17 20:50	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		07/31/17 20:50	74-83-9	
n-Butylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/31/17 20:50	104-51-8	

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ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154013

Sample: SB-27-S **Lab ID: 40154013004** Collected: 07/26/17 16:00 Received: 07/28/17 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		07/31/17 20:50	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		07/31/17 20:50	98-06-6	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		07/31/17 20:50	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/31/17 20:50	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		07/31/17 20:50	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		07/31/17 20:50	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		07/31/17 20:50	74-87-3	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		07/31/17 20:50	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		07/31/17 20:50	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		07/31/17 20:50	96-12-8	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		07/31/17 20:50	124-48-1	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		07/31/17 20:50	106-93-4	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		07/31/17 20:50	74-95-3	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/31/17 20:50	95-50-1	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/31/17 20:50	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/31/17 20:50	106-46-7	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		07/31/17 20:50	75-71-8	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		07/31/17 20:50	75-34-3	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		07/31/17 20:50	107-06-2	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		07/31/17 20:50	75-35-4	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		07/31/17 20:50	156-59-2	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		07/31/17 20:50	156-60-5	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		07/31/17 20:50	78-87-5	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		07/31/17 20:50	142-28-9	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		07/31/17 20:50	594-20-7	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		07/31/17 20:50	563-58-6	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		07/31/17 20:50	10061-01-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		07/31/17 20:50	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		07/31/17 20:50	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/31/17 20:50	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		07/31/17 20:50	87-68-3	
Isopropylbenzene (Cumene)	**<0.14**	ug/L	1.0	0.14	1		07/31/17 20:50	98-82-8	
p-Isopropyltoluene	**<0.50**	ug/L	1.0	0.50	1		07/31/17 20:50	99-87-6	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		07/31/17 20:50	75-09-2	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		07/31/17 20:50	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		07/31/17 20:50	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/31/17 20:50	103-65-1	
Styrene	**<0.50**	ug/L	1.0	0.50	1		07/31/17 20:50	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		07/31/17 20:50	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.25**	ug/L	1.0	0.25	1		07/31/17 20:50	79-34-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		07/31/17 20:50	127-18-4	
Toluene	**<0.50**	ug/L	1.0	0.50	1		07/31/17 20:50	108-88-3	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		07/31/17 20:50	87-61-6	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		07/31/17 20:50	120-82-1	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		07/31/17 20:50	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		07/31/17 20:50	79-00-5	

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ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154013

Sample: SB-27-S **Lab ID: 40154013004** Collected: 07/26/17 16:00 Received: 07/28/17 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		07/31/17 20:50	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		07/31/17 20:50	75-69-4	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		07/31/17 20:50	96-18-4	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/31/17 20:50	95-63-6	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/31/17 20:50	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		07/31/17 20:50	75-01-4	
m&p-Xylene	**<1.0**	ug/L	2.0	1.0	1		07/31/17 20:50	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		07/31/17 20:50	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	91	%	61-130		1		07/31/17 20:50	460-00-4	
Dibromofluoromethane (S)	110	%	67-130		1		07/31/17 20:50	1868-53-7	
Toluene-d8 (S)	98	%	70-130		1		07/31/17 20:50	2037-26-5	

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ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154013

Sample: SB-32-S **Lab ID: 40154013005** Collected: 07/26/17 15:20 Received: 07/28/17 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**<8.3**	ug/L	25.0	8.3	1	08/01/17 11:54	08/02/17 14:00	7440-38-2	
Barium	**300**	ug/L	5.0	1.5	1	08/01/17 11:54	08/02/17 14:00	7440-39-3	
Cadmium	**<1.3**	ug/L	5.0	1.3	1	08/01/17 11:54	08/02/17 14:00	7440-43-9	
Chromium	**67.2**	ug/L	10.0	2.5	1	08/01/17 11:54	08/02/17 14:00	7440-47-3	
Lead	**30.7**	ug/L	13.0	4.3	1	08/01/17 11:54	08/02/17 14:00	7439-92-1	
Selenium	**<16.6**	ug/L	50.0	16.6	1	08/01/17 11:54	08/02/17 14:00	7782-49-2	
Silver	**<3.3**	ug/L	10.0	3.3	1	08/01/17 11:54	08/02/17 14:00	7440-22-4	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**<0.13**	ug/L	0.42	0.13	1	08/03/17 13:00	08/04/17 09:22	7439-97-6	
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510								
1,2,4-Trichlorobenzene	**<2.2**	ug/L	7.2	2.2	1	08/01/17 08:10	08/02/17 12:29	120-82-1	
1,2-Dichlorobenzene	**<2.1**	ug/L	6.8	2.1	1	08/01/17 08:10	08/02/17 12:29	95-50-1	
1,3-Dichlorobenzene	**<2.0**	ug/L	6.7	2.0	1	08/01/17 08:10	08/02/17 12:29	541-73-1	
1,4-Dichlorobenzene	**<2.0**	ug/L	6.7	2.0	1	08/01/17 08:10	08/02/17 12:29	106-46-7	
2,2'-Oxybis(1-chloropropane)	**<1.6**	ug/L	5.4	1.6	1	08/01/17 08:10	08/02/17 12:29	108-60-1	
2,4,5-Trichlorophenol	**<0.90**	ug/L	3.0	0.90	1	08/01/17 08:10	08/02/17 12:29	95-95-4	
2,4,6-Trichlorophenol	**<2.2**	ug/L	7.5	2.2	1	08/01/17 08:10	08/02/17 12:29	88-06-2	
2,4-Dichlorophenol	**<1.5**	ug/L	4.8	1.5	1	08/01/17 08:10	08/02/17 12:29	120-83-2	
2,4-Dimethylphenol	**<1.3**	ug/L	4.5	1.3	1	08/01/17 08:10	08/02/17 12:29	105-67-9	
2,4-Dinitrophenol	**<0.76**	ug/L	2.5	0.76	1	08/01/17 08:10	08/02/17 12:29	51-28-5	
2,4-Dinitrotoluene	**<0.84**	ug/L	2.8	0.84	1	08/01/17 08:10	08/02/17 12:29	121-14-2	
2,6-Dinitrotoluene	**<0.64**	ug/L	2.1	0.64	1	08/01/17 08:10	08/02/17 12:29	606-20-2	
2-Chloronaphthalene	**<1.8**	ug/L	5.8	1.8	1	08/01/17 08:10	08/02/17 12:29	91-58-7	
2-Chlorophenol	**<1.2**	ug/L	4.1	1.2	1	08/01/17 08:10	08/02/17 12:29	95-57-8	
2-Methylnaphthalene	**<1.6**	ug/L	5.4	1.6	1	08/01/17 08:10	08/02/17 12:29	91-57-6	
2-Methylphenol(o-Cresol)	**<0.92**	ug/L	3.1	0.92	1	08/01/17 08:10	08/02/17 12:29	95-48-7	
2-Nitroaniline	**<0.82**	ug/L	2.7	0.82	1	08/01/17 08:10	08/02/17 12:29	88-74-4	
2-Nitrophenol	**<1.2**	ug/L	4.1	1.2	1	08/01/17 08:10	08/02/17 12:29	88-75-5	
3&4-Methylphenol(m&p Cresol)	**<1.7**	ug/L	5.5	1.7	1	08/01/17 08:10	08/02/17 12:29		
3,3'-Dichlorobenzidine	**<0.96**	ug/L	3.2	0.96	1	08/01/17 08:10	08/02/17 12:29	91-94-1	
3-Nitroaniline	**<1.0**	ug/L	3.4	1.0	1	08/01/17 08:10	08/02/17 12:29	99-09-2	
4,6-Dinitro-2-methylphenol	**<0.70**	ug/L	2.3	0.70	1	08/01/17 08:10	08/02/17 12:29	534-52-1	
4-Bromophenylphenyl ether	**<2.1**	ug/L	7.0	2.1	1	08/01/17 08:10	08/02/17 12:29	101-55-3	
4-Chloro-3-methylphenol	**<1.8**	ug/L	6.0	1.8	1	08/01/17 08:10	08/02/17 12:29	59-50-7	
4-Chloroaniline	**<1.2**	ug/L	3.9	1.2	1	08/01/17 08:10	08/02/17 12:29	106-47-8	
4-Chlorophenylphenyl ether	**<0.87**	ug/L	2.9	0.87	1	08/01/17 08:10	08/02/17 12:29	7005-72-3	
4-Nitroaniline	**<1.9**	ug/L	6.5	1.9	1	08/01/17 08:10	08/02/17 12:29	100-01-6	
4-Nitrophenol	**<1.1**	ug/L	3.7	1.1	1	08/01/17 08:10	08/02/17 12:29	100-02-7	
Acenaphthene	**<1.4**	ug/L	4.7	1.4	1	08/01/17 08:10	08/02/17 12:29	83-32-9	
Acenaphthylene	**<1.1**	ug/L	3.8	1.1	1	08/01/17 08:10	08/02/17 12:29	208-96-8	
Anthracene	**<1.9**	ug/L	6.4	1.9	1	08/01/17 08:10	08/02/17 12:29	120-12-7	
Benzo(a)anthracene	**<0.57**	ug/L	1.9	0.57	1	08/01/17 08:10	08/02/17 12:29	56-55-3	
Benzo(a)pyrene	**<2.0**	ug/L	6.7	2.0	1	08/01/17 08:10	08/02/17 12:29	50-32-8	
Benzo(b)fluoranthene	**<0.70**	ug/L	2.3	0.70	1	08/01/17 08:10	08/02/17 12:29	205-99-2	

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ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154013

Sample: SB-32-S **Lab ID: 40154013005** Collected: 07/26/17 15:20 Received: 07/28/17 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510								
Benzo(g,h,i)perylene	**<0.86**	ug/L	2.9	0.86	1	08/01/17 08:10	08/02/17 12:29	191-24-2	
Benzo(k)fluoranthene	**<1.1**	ug/L	3.6	1.1	1	08/01/17 08:10	08/02/17 12:29	207-08-9	
Butylbenzylphthalate	**<0.82**	ug/L	2.7	0.82	1	08/01/17 08:10	08/02/17 12:29	85-68-7	
Carbazole	**<0.80**	ug/L	2.7	0.80	1	08/01/17 08:10	08/02/17 12:29	86-74-8	
Chrysene	**<1.9**	ug/L	6.2	1.9	1	08/01/17 08:10	08/02/17 12:29	218-01-9	
Di-n-butylphthalate	**<2.7**	ug/L	9.1	2.7	1	08/01/17 08:10	08/02/17 12:29	84-74-2	
Di-n-octylphthalate	**<2.0**	ug/L	6.7	2.0	1	08/01/17 08:10	08/02/17 12:29	117-84-0	
Dibenz(a,h)anthracene	**<1.4**	ug/L	4.7	1.4	1	08/01/17 08:10	08/02/17 12:29	53-70-3	
Dibenzofuran	**<0.82**	ug/L	2.7	0.82	1	08/01/17 08:10	08/02/17 12:29	132-64-9	
Diethylphthalate	**<1.2**	ug/L	3.8	1.2	1	08/01/17 08:10	08/02/17 12:29	84-66-2	
Dimethylphthalate	**<2.1**	ug/L	6.8	2.1	1	08/01/17 08:10	08/02/17 12:29	131-11-3	
Fluoranthene	**<0.60**	ug/L	2.0	0.60	1	08/01/17 08:10	08/02/17 12:29	206-44-0	
Fluorene	**<0.80**	ug/L	2.7	0.80	1	08/01/17 08:10	08/02/17 12:29	86-73-7	
Hexachloro-1,3-butadiene	**<2.6**	ug/L	8.7	2.6	1	08/01/17 08:10	08/02/17 12:29	87-68-3	
Hexachlorobenzene	**<1.8**	ug/L	6.0	1.8	1	08/01/17 08:10	08/02/17 12:29	118-74-1	
Hexachlorocyclopentadiene	**<0.72**	ug/L	2.4	0.72	1	08/01/17 08:10	08/02/17 12:29	77-47-4	
Hexachloroethane	**<2.8**	ug/L	9.4	2.8	1	08/01/17 08:10	08/02/17 12:29	67-72-1	
Indeno(1,2,3-cd)pyrene	**<1.6**	ug/L	5.3	1.6	1	08/01/17 08:10	08/02/17 12:29	193-39-5	
Isophorone	**<0.78**	ug/L	2.6	0.78	1	08/01/17 08:10	08/02/17 12:29	78-59-1	
N-Nitroso-di-n-propylamine	**<1.0**	ug/L	3.4	1.0	1	08/01/17 08:10	08/02/17 12:29	621-64-7	
N-Nitrosodiphenylamine	**<3.8**	ug/L	12.5	3.8	1	08/01/17 08:10	08/02/17 12:29	86-30-6	
Naphthalene	**<2.0**	ug/L	6.7	2.0	1	08/01/17 08:10	08/02/17 12:29	91-20-3	
Nitrobenzene	**<1.5**	ug/L	5.1	1.5	1	08/01/17 08:10	08/02/17 12:29	98-95-3	
Pentachlorophenol	**<1.5**	ug/L	5.1	1.5	1	08/01/17 08:10	08/02/17 12:29	87-86-5	
Phenanthrene	**<1.9**	ug/L	6.5	1.9	1	08/01/17 08:10	08/02/17 12:29	85-01-8	
Phenol	**<0.64**	ug/L	2.1	0.64	1	08/01/17 08:10	08/02/17 12:29	108-95-2	
Pyrene	**<1.4**	ug/L	4.8	1.4	1	08/01/17 08:10	08/02/17 12:29	129-00-0	
bis(2-Chloroethoxy)methane	**<1.1**	ug/L	3.5	1.1	1	08/01/17 08:10	08/02/17 12:29	111-91-1	
bis(2-Chloroethyl) ether	**<1.7**	ug/L	5.6	1.7	1	08/01/17 08:10	08/02/17 12:29	111-44-4	
bis(2-Ethylhexyl)phthalate	**1.3J**	ug/L	2.5	0.74	1	08/01/17 08:10	08/02/17 12:29	117-81-7	
Surrogates									
Nitrobenzene-d5 (S)	91	%	53-100		1	08/01/17 08:10	08/02/17 12:29	4165-60-0	
2-Fluorobiphenyl (S)	72	%	59-109		1	08/01/17 08:10	08/02/17 12:29	321-60-8	
Terphenyl-d14 (S)	102	%	59-108		1	08/01/17 08:10	08/02/17 12:29	1718-51-0	
Phenol-d6 (S)	32	%	18-120		1	08/01/17 08:10	08/02/17 12:29	13127-88-3	
2-Fluorophenol (S)	61	%	27-67		1	08/01/17 08:10	08/02/17 12:29	367-12-4	
2,4,6-Tribromophenol (S)	101	%	65-140		1	08/01/17 08:10	08/02/17 12:29	118-79-6	
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<0.50**	ug/L	1.0	0.50	1		07/31/17 23:48	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		07/31/17 23:48	108-86-1	
Bromochloromethane	**<0.34**	ug/L	1.0	0.34	1		07/31/17 23:48	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		07/31/17 23:48	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		07/31/17 23:48	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		07/31/17 23:48	74-83-9	
n-Butylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/31/17 23:48	104-51-8	

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ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154013

Sample: SB-32-S **Lab ID: 40154013005** Collected: 07/26/17 15:20 Received: 07/28/17 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		07/31/17 23:48	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		07/31/17 23:48	98-06-6	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		07/31/17 23:48	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/31/17 23:48	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		07/31/17 23:48	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		07/31/17 23:48	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		07/31/17 23:48	74-87-3	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		07/31/17 23:48	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		07/31/17 23:48	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		07/31/17 23:48	96-12-8	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		07/31/17 23:48	124-48-1	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		07/31/17 23:48	106-93-4	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		07/31/17 23:48	74-95-3	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/31/17 23:48	95-50-1	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/31/17 23:48	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/31/17 23:48	106-46-7	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		07/31/17 23:48	75-71-8	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		07/31/17 23:48	75-34-3	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		07/31/17 23:48	107-06-2	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		07/31/17 23:48	75-35-4	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		07/31/17 23:48	156-59-2	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		07/31/17 23:48	156-60-5	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		07/31/17 23:48	78-87-5	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		07/31/17 23:48	142-28-9	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		07/31/17 23:48	594-20-7	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		07/31/17 23:48	563-58-6	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		07/31/17 23:48	10061-01-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		07/31/17 23:48	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		07/31/17 23:48	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/31/17 23:48	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		07/31/17 23:48	87-68-3	
Isopropylbenzene (Cumene)	**<0.14**	ug/L	1.0	0.14	1		07/31/17 23:48	98-82-8	
p-Isopropyltoluene	**<0.50**	ug/L	1.0	0.50	1		07/31/17 23:48	99-87-6	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		07/31/17 23:48	75-09-2	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		07/31/17 23:48	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		07/31/17 23:48	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/31/17 23:48	103-65-1	
Styrene	**<0.50**	ug/L	1.0	0.50	1		07/31/17 23:48	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		07/31/17 23:48	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.25**	ug/L	1.0	0.25	1		07/31/17 23:48	79-34-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		07/31/17 23:48	127-18-4	
Toluene	**<0.50**	ug/L	1.0	0.50	1		07/31/17 23:48	108-88-3	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		07/31/17 23:48	87-61-6	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		07/31/17 23:48	120-82-1	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		07/31/17 23:48	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		07/31/17 23:48	79-00-5	

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ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154013

Sample: SB-32-S **Lab ID: 40154013005** Collected: 07/26/17 15:20 Received: 07/28/17 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		07/31/17 23:48	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		07/31/17 23:48	75-69-4	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		07/31/17 23:48	96-18-4	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/31/17 23:48	95-63-6	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/31/17 23:48	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		07/31/17 23:48	75-01-4	
m&p-Xylene	**<1.0**	ug/L	2.0	1.0	1		07/31/17 23:48	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		07/31/17 23:48	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	88	%	61-130		1		07/31/17 23:48	460-00-4	
Dibromofluoromethane (S)	110	%	67-130		1		07/31/17 23:48	1868-53-7	
Toluene-d8 (S)	99	%	70-130		1		07/31/17 23:48	2037-26-5	

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ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154013

Sample: SB-26-S **Lab ID: 40154013006** Collected: 07/26/17 13:50 Received: 07/28/17 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**49.9**	ug/L	25.0	8.3	1	08/01/17 11:54	08/02/17 14:02	7440-38-2	
Barium	**1290**	ug/L	5.0	1.5	1	08/01/17 11:54	08/02/17 14:02	7440-39-3	
Cadmium	**21.8**	ug/L	5.0	1.3	1	08/01/17 11:54	08/02/17 14:02	7440-43-9	
Chromium	**117**	ug/L	10.0	2.5	1	08/01/17 11:54	08/02/17 14:02	7440-47-3	
Lead	**1390**	ug/L	13.0	4.3	1	08/01/17 11:54	08/02/17 14:02	7439-92-1	
Selenium	**<16.6**	ug/L	50.0	16.6	1	08/01/17 11:54	08/02/17 14:02	7782-49-2	
Silver	**<3.3**	ug/L	10.0	3.3	1	08/01/17 11:54	08/02/17 14:02	7440-22-4	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**2.1**	ug/L	0.42	0.13	1	08/03/17 13:00	08/04/17 09:25	7439-97-6	
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510								
1,2,4-Trichlorobenzene	**<2.1**	ug/L	7.1	2.1	1	08/01/17 08:10	08/02/17 12:51	120-82-1	
1,2-Dichlorobenzene	**<2.0**	ug/L	6.8	2.0	1	08/01/17 08:10	08/02/17 12:51	95-50-1	
1,3-Dichlorobenzene	**<2.0**	ug/L	6.6	2.0	1	08/01/17 08:10	08/02/17 12:51	541-73-1	
1,4-Dichlorobenzene	**<2.0**	ug/L	6.6	2.0	1	08/01/17 08:10	08/02/17 12:51	106-46-7	
2,2'-Oxybis(1-chloropropane)	**<1.6**	ug/L	5.4	1.6	1	08/01/17 08:10	08/02/17 12:51	108-60-1	
2,4,5-Trichlorophenol	**<0.89**	ug/L	3.0	0.89	1	08/01/17 08:10	08/02/17 12:51	95-95-4	
2,4,6-Trichlorophenol	**<2.2**	ug/L	7.4	2.2	1	08/01/17 08:10	08/02/17 12:51	88-06-2	
2,4-Dichlorophenol	**<1.4**	ug/L	4.8	1.4	1	08/01/17 08:10	08/02/17 12:51	120-83-2	
2,4-Dimethylphenol	**<1.3**	ug/L	4.4	1.3	1	08/01/17 08:10	08/02/17 12:51	105-67-9	
2,4-Dinitrophenol	**<0.75**	ug/L	2.5	0.75	1	08/01/17 08:10	08/02/17 12:51	51-28-5	
2,4-Dinitrotoluene	**<0.83**	ug/L	2.8	0.83	1	08/01/17 08:10	08/02/17 12:51	121-14-2	
2,6-Dinitrotoluene	**<0.63**	ug/L	2.1	0.63	1	08/01/17 08:10	08/02/17 12:51	606-20-2	
2-Chloronaphthalene	**<1.7**	ug/L	5.8	1.7	1	08/01/17 08:10	08/02/17 12:51	91-58-7	
2-Chlorophenol	**<1.2**	ug/L	4.1	1.2	1	08/01/17 08:10	08/02/17 12:51	95-57-8	
2-Methylnaphthalene	**<1.6**	ug/L	5.3	1.6	1	08/01/17 08:10	08/02/17 12:51	91-57-6	
2-Methylphenol(o-Cresol)	**<0.91**	ug/L	3.0	0.91	1	08/01/17 08:10	08/02/17 12:51	95-48-7	
2-Nitroaniline	**<0.81**	ug/L	2.7	0.81	1	08/01/17 08:10	08/02/17 12:51	88-74-4	
2-Nitrophenol	**<1.2**	ug/L	4.1	1.2	1	08/01/17 08:10	08/02/17 12:51	88-75-5	
3&4-Methylphenol(m&p Cresol)	**<1.6**	ug/L	5.5	1.6	1	08/01/17 08:10	08/02/17 12:51		
3,3'-Dichlorobenzidine	**<0.95**	ug/L	3.2	0.95	1	08/01/17 08:10	08/02/17 12:51	91-94-1	
3-Nitroaniline	**<1.0**	ug/L	3.4	1.0	1	08/01/17 08:10	08/02/17 12:51	99-09-2	
4,6-Dinitro-2-methylphenol	**<0.69**	ug/L	2.3	0.69	1	08/01/17 08:10	08/02/17 12:51	534-52-1	
4-Bromophenylphenyl ether	**<2.1**	ug/L	6.9	2.1	1	08/01/17 08:10	08/02/17 12:51	101-55-3	
4-Chloro-3-methylphenol	**<1.8**	ug/L	5.9	1.8	1	08/01/17 08:10	08/02/17 12:51	59-50-7	
4-Chloroaniline	**<1.2**	ug/L	3.8	1.2	1	08/01/17 08:10	08/02/17 12:51	106-47-8	
4-Chlorophenylphenyl ether	**<0.86**	ug/L	2.9	0.86	1	08/01/17 08:10	08/02/17 12:51	7005-72-3	
4-Nitroaniline	**<1.9**	ug/L	6.4	1.9	1	08/01/17 08:10	08/02/17 12:51	100-01-6	
4-Nitrophenol	**<1.1**	ug/L	3.7	1.1	1	08/01/17 08:10	08/02/17 12:51	100-02-7	
Acenaphthene	**<1.4**	ug/L	4.7	1.4	1	08/01/17 08:10	08/02/17 12:51	83-32-9	
Acenaphthylene	**<1.1**	ug/L	3.7	1.1	1	08/01/17 08:10	08/02/17 12:51	208-96-8	
Anthracene	**<1.9**	ug/L	6.3	1.9	1	08/01/17 08:10	08/02/17 12:51	120-12-7	
Benzo(a)anthracene	**0.62J**	ug/L	1.9	0.56	1	08/01/17 08:10	08/02/17 12:51	56-55-3	
Benzo(a)pyrene	**<2.0**	ug/L	6.6	2.0	1	08/01/17 08:10	08/02/17 12:51	50-32-8	
Benzo(b)fluoranthene	**0.76J**	ug/L	2.3	0.69	1	08/01/17 08:10	08/02/17 12:51	205-99-2	

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ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154013

Sample: SB-26-S **Lab ID: 40154013006** Collected: 07/26/17 13:50 Received: 07/28/17 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510								
Benzo(g,h,i)perylene	**<0.85**	ug/L	2.8	0.85	1	08/01/17 08:10	08/02/17 12:51	191-24-2	
Benzo(k)fluoranthene	**<1.1**	ug/L	3.5	1.1	1	08/01/17 08:10	08/02/17 12:51	207-08-9	
Butylbenzylphthalate	**<0.81**	ug/L	2.7	0.81	1	08/01/17 08:10	08/02/17 12:51	85-68-7	
Carbazole	**<0.79**	ug/L	2.6	0.79	1	08/01/17 08:10	08/02/17 12:51	86-74-8	
Chrysene	**<1.8**	ug/L	6.1	1.8	1	08/01/17 08:10	08/02/17 12:51	218-01-9	
Di-n-butylphthalate	**<2.7**	ug/L	9.0	2.7	1	08/01/17 08:10	08/02/17 12:51	84-74-2	
Di-n-octylphthalate	**<2.0**	ug/L	6.6	2.0	1	08/01/17 08:10	08/02/17 12:51	117-84-0	
Dibenz(a,h)anthracene	**<1.4**	ug/L	4.6	1.4	1	08/01/17 08:10	08/02/17 12:51	53-70-3	
Dibenzofuran	**<0.81**	ug/L	2.7	0.81	1	08/01/17 08:10	08/02/17 12:51	132-64-9	
Diethylphthalate	**<1.1**	ug/L	3.8	1.1	1	08/01/17 08:10	08/02/17 12:51	84-66-2	
Dimethylphthalate	**<2.0**	ug/L	6.8	2.0	1	08/01/17 08:10	08/02/17 12:51	131-11-3	
Fluoranthene	**0.93J**	ug/L	2.0	0.59	1	08/01/17 08:10	08/02/17 12:51	206-44-0	
Fluorene	**<0.79**	ug/L	2.6	0.79	1	08/01/17 08:10	08/02/17 12:51	86-73-7	
Hexachloro-1,3-butadiene	**<2.6**	ug/L	8.6	2.6	1	08/01/17 08:10	08/02/17 12:51	87-68-3	
Hexachlorobenzene	**<1.8**	ug/L	5.9	1.8	1	08/01/17 08:10	08/02/17 12:51	118-74-1	
Hexachlorocyclopentadiene	**<0.71**	ug/L	2.4	0.71	1	08/01/17 08:10	08/02/17 12:51	77-47-4	
Hexachloroethane	**<2.8**	ug/L	9.3	2.8	1	08/01/17 08:10	08/02/17 12:51	67-72-1	
Indeno(1,2,3-cd)pyrene	**<1.6**	ug/L	5.3	1.6	1	08/01/17 08:10	08/02/17 12:51	193-39-5	
Isophorone	**<0.77**	ug/L	2.6	0.77	1	08/01/17 08:10	08/02/17 12:51	78-59-1	
N-Nitroso-di-n-propylamine	**<1.0**	ug/L	3.4	1.0	1	08/01/17 08:10	08/02/17 12:51	621-64-7	
N-Nitrosodiphenylamine	**<3.7**	ug/L	12.4	3.7	1	08/01/17 08:10	08/02/17 12:51	86-30-6	
Naphthalene	**<2.0**	ug/L	6.7	2.0	1	08/01/17 08:10	08/02/17 12:51	91-20-3	
Nitrobenzene	**<1.5**	ug/L	5.1	1.5	1	08/01/17 08:10	08/02/17 12:51	98-95-3	
Pentachlorophenol	**<1.5**	ug/L	5.0	1.5	1	08/01/17 08:10	08/02/17 12:51	87-86-5	
Phenanthrene	**<1.9**	ug/L	6.4	1.9	1	08/01/17 08:10	08/02/17 12:51	85-01-8	
Phenol	**<0.63**	ug/L	2.1	0.63	1	08/01/17 08:10	08/02/17 12:51	108-95-2	
Pyrene	**<1.4**	ug/L	4.7	1.4	1	08/01/17 08:10	08/02/17 12:51	129-00-0	
bis(2-Chloroethoxy)methane	**<1.0**	ug/L	3.5	1.0	1	08/01/17 08:10	08/02/17 12:51	111-91-1	
bis(2-Chloroethyl) ether	**<1.7**	ug/L	5.5	1.7	1	08/01/17 08:10	08/02/17 12:51	111-44-4	
bis(2-Ethylhexyl)phthalate	**<0.73**	ug/L	2.4	0.73	1	08/01/17 08:10	08/02/17 12:51	117-81-7	
Surrogates									
Nitrobenzene-d5 (S)	75	%	53-100		1	08/01/17 08:10	08/02/17 12:51	4165-60-0	
2-Fluorobiphenyl (S)	77	%	59-109		1	08/01/17 08:10	08/02/17 12:51	321-60-8	
Terphenyl-d14 (S)	98	%	59-108		1	08/01/17 08:10	08/02/17 12:51	1718-51-0	
Phenol-d6 (S)	28	%	18-120		1	08/01/17 08:10	08/02/17 12:51	13127-88-3	
2-Fluorophenol (S)	51	%	27-67		1	08/01/17 08:10	08/02/17 12:51	367-12-4	
2,4,6-Tribromophenol (S)	89	%	65-140		1	08/01/17 08:10	08/02/17 12:51	118-79-6	
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 00:10	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		08/01/17 00:10	108-86-1	
Bromochloromethane	**<0.34**	ug/L	1.0	0.34	1		08/01/17 00:10	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		08/01/17 00:10	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		08/01/17 00:10	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		08/01/17 00:10	74-83-9	
n-Butylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 00:10	104-51-8	

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ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154013

Sample: SB-26-S **Lab ID: 40154013006** Collected: 07/26/17 13:50 Received: 07/28/17 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		08/01/17 00:10	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		08/01/17 00:10	98-06-6	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		08/01/17 00:10	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 00:10	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		08/01/17 00:10	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		08/01/17 00:10	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		08/01/17 00:10	74-87-3	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 00:10	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		08/01/17 00:10	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		08/01/17 00:10	96-12-8	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		08/01/17 00:10	124-48-1	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		08/01/17 00:10	106-93-4	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		08/01/17 00:10	74-95-3	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 00:10	95-50-1	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 00:10	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 00:10	106-46-7	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		08/01/17 00:10	75-71-8	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		08/01/17 00:10	75-34-3	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		08/01/17 00:10	107-06-2	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		08/01/17 00:10	75-35-4	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		08/01/17 00:10	156-59-2	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		08/01/17 00:10	156-60-5	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		08/01/17 00:10	78-87-5	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		08/01/17 00:10	142-28-9	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		08/01/17 00:10	594-20-7	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		08/01/17 00:10	563-58-6	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 00:10	10061-01-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		08/01/17 00:10	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		08/01/17 00:10	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 00:10	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		08/01/17 00:10	87-68-3	
Isopropylbenzene (Cumene)	**<0.14**	ug/L	1.0	0.14	1		08/01/17 00:10	98-82-8	
p-Isopropyltoluene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 00:10	99-87-6	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		08/01/17 00:10	75-09-2	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		08/01/17 00:10	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		08/01/17 00:10	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 00:10	103-65-1	
Styrene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 00:10	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		08/01/17 00:10	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.25**	ug/L	1.0	0.25	1		08/01/17 00:10	79-34-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 00:10	127-18-4	
Toluene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 00:10	108-88-3	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		08/01/17 00:10	87-61-6	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		08/01/17 00:10	120-82-1	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		08/01/17 00:10	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		08/01/17 00:10	79-00-5	

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ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154013

Sample: SB-26-S **Lab ID: 40154013006** Collected: 07/26/17 13:50 Received: 07/28/17 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		08/01/17 00:10	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		08/01/17 00:10	75-69-4	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		08/01/17 00:10	96-18-4	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 00:10	95-63-6	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 00:10	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		08/01/17 00:10	75-01-4	
m&p-Xylene	**<1.0**	ug/L	2.0	1.0	1		08/01/17 00:10	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 00:10	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	89	%	61-130		1		08/01/17 00:10	460-00-4	
Dibromofluoromethane (S)	110	%	67-130		1		08/01/17 00:10	1868-53-7	
Toluene-d8 (S)	97	%	70-130		1		08/01/17 00:10	2037-26-5	

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ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154013

Sample: SB-31-S **Lab ID: 40154013007** Collected: 07/26/17 14:30 Received: 07/28/17 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**155**	ug/L	25.0	8.3	1	08/01/17 11:54	08/02/17 14:05	7440-38-2	
Barium	**1360**	ug/L	5.0	1.5	1	08/01/17 11:54	08/02/17 14:05	7440-39-3	
Cadmium	**<1.3**	ug/L	5.0	1.3	1	08/01/17 11:54	08/02/17 14:05	7440-43-9	
Chromium	**229**	ug/L	10.0	2.5	1	08/01/17 11:54	08/02/17 14:05	7440-47-3	
Lead	**89.2**	ug/L	13.0	4.3	1	08/01/17 11:54	08/02/17 14:05	7439-92-1	
Selenium	**<16.6**	ug/L	50.0	16.6	1	08/01/17 11:54	08/02/17 14:05	7782-49-2	
Silver	**<3.3**	ug/L	10.0	3.3	1	08/01/17 11:54	08/02/17 14:05	7440-22-4	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.18J**	ug/L	0.42	0.13	1	08/03/17 13:00	08/04/17 09:27	7439-97-6	
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510								
1,2,4-Trichlorobenzene	**<2.2**	ug/L	7.2	2.2	1	08/01/17 08:10	08/03/17 14:15	120-82-1	
1,2-Dichlorobenzene	**<2.1**	ug/L	6.8	2.1	1	08/01/17 08:10	08/03/17 14:15	95-50-1	
1,3-Dichlorobenzene	**<2.0**	ug/L	6.7	2.0	1	08/01/17 08:10	08/03/17 14:15	541-73-1	
1,4-Dichlorobenzene	**<2.0**	ug/L	6.7	2.0	1	08/01/17 08:10	08/03/17 14:15	106-46-7	
2,2'-Oxybis(1-chloropropane)	**<1.6**	ug/L	5.4	1.6	1	08/01/17 08:10	08/03/17 14:15	108-60-1	
2,4,5-Trichlorophenol	**<0.90**	ug/L	3.0	0.90	1	08/01/17 08:10	08/03/17 14:15	95-95-4	
2,4,6-Trichlorophenol	**<2.2**	ug/L	7.5	2.2	1	08/01/17 08:10	08/03/17 14:15	88-06-2	
2,4-Dichlorophenol	**<1.5**	ug/L	4.8	1.5	1	08/01/17 08:10	08/03/17 14:15	120-83-2	
2,4-Dimethylphenol	**<1.3**	ug/L	4.5	1.3	1	08/01/17 08:10	08/03/17 14:15	105-67-9	
2,4-Dinitrophenol	**<0.76**	ug/L	2.5	0.76	1	08/01/17 08:10	08/03/17 14:15	51-28-5	
2,4-Dinitrotoluene	**<0.84**	ug/L	2.8	0.84	1	08/01/17 08:10	08/03/17 14:15	121-14-2	
2,6-Dinitrotoluene	**<0.64**	ug/L	2.1	0.64	1	08/01/17 08:10	08/03/17 14:15	606-20-2	
2-Chloronaphthalene	**<1.8**	ug/L	5.8	1.8	1	08/01/17 08:10	08/03/17 14:15	91-58-7	
2-Chlorophenol	**<1.2**	ug/L	4.1	1.2	1	08/01/17 08:10	08/03/17 14:15	95-57-8	
2-Methylnaphthalene	**<1.6**	ug/L	5.4	1.6	1	08/01/17 08:10	08/03/17 14:15	91-57-6	
2-Methylphenol(o-Cresol)	**<0.92**	ug/L	3.1	0.92	1	08/01/17 08:10	08/03/17 14:15	95-48-7	
2-Nitroaniline	**<0.82**	ug/L	2.7	0.82	1	08/01/17 08:10	08/03/17 14:15	88-74-4	
2-Nitrophenol	**<1.2**	ug/L	4.1	1.2	1	08/01/17 08:10	08/03/17 14:15	88-75-5	
3&4-Methylphenol(m&p Cresol)	**<1.7**	ug/L	5.5	1.7	1	08/01/17 08:10	08/03/17 14:15		
3,3'-Dichlorobenzidine	**<0.96**	ug/L	3.2	0.96	1	08/01/17 08:10	08/03/17 14:15	91-94-1	
3-Nitroaniline	**<1.0**	ug/L	3.4	1.0	1	08/01/17 08:10	08/03/17 14:15	99-09-2	
4,6-Dinitro-2-methylphenol	**<0.70**	ug/L	2.3	0.70	1	08/01/17 08:10	08/03/17 14:15	534-52-1	
4-Bromophenylphenyl ether	**<2.1**	ug/L	7.0	2.1	1	08/01/17 08:10	08/03/17 14:15	101-55-3	
4-Chloro-3-methylphenol	**<1.8**	ug/L	6.0	1.8	1	08/01/17 08:10	08/03/17 14:15	59-50-7	
4-Chloroaniline	**<1.2**	ug/L	3.9	1.2	1	08/01/17 08:10	08/03/17 14:15	106-47-8	
4-Chlorophenylphenyl ether	**<0.87**	ug/L	2.9	0.87	1	08/01/17 08:10	08/03/17 14:15	7005-72-3	
4-Nitroaniline	**<1.9**	ug/L	6.5	1.9	1	08/01/17 08:10	08/03/17 14:15	100-01-6	
4-Nitrophenol	**<1.1**	ug/L	3.7	1.1	1	08/01/17 08:10	08/03/17 14:15	100-02-7	
Acenaphthene	**<1.4**	ug/L	4.7	1.4	1	08/01/17 08:10	08/03/17 14:15	83-32-9	
Acenaphthylene	**<1.1**	ug/L	3.8	1.1	1	08/01/17 08:10	08/03/17 14:15	208-96-8	
Anthracene	**<1.9**	ug/L	6.4	1.9	1	08/01/17 08:10	08/03/17 14:15	120-12-7	
Benzo(a)anthracene	**<0.57**	ug/L	1.9	0.57	1	08/01/17 08:10	08/03/17 14:15	56-55-3	
Benzo(a)pyrene	**<2.0**	ug/L	6.7	2.0	1	08/01/17 08:10	08/03/17 14:15	50-32-8	
Benzo(b)fluoranthene	**<0.70**	ug/L	2.3	0.70	1	08/01/17 08:10	08/03/17 14:15	205-99-2	

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ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154013

Sample: SB-31-S **Lab ID: 40154013007** Collected: 07/26/17 14:30 Received: 07/28/17 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510								
Benzo(g,h,i)perylene	**<0.86**	ug/L	2.9	0.86	1	08/01/17 08:10	08/03/17 14:15	191-24-2	
Benzo(k)fluoranthene	**<1.1**	ug/L	3.6	1.1	1	08/01/17 08:10	08/03/17 14:15	207-08-9	
Butylbenzylphthalate	**<0.82**	ug/L	2.7	0.82	1	08/01/17 08:10	08/03/17 14:15	85-68-7	
Carbazole	**<0.80**	ug/L	2.7	0.80	1	08/01/17 08:10	08/03/17 14:15	86-74-8	
Chrysene	**<1.9**	ug/L	6.2	1.9	1	08/01/17 08:10	08/03/17 14:15	218-01-9	
Di-n-butylphthalate	**<2.7**	ug/L	9.1	2.7	1	08/01/17 08:10	08/03/17 14:15	84-74-2	
Di-n-octylphthalate	**<2.0**	ug/L	6.7	2.0	1	08/01/17 08:10	08/03/17 14:15	117-84-0	
Dibenz(a,h)anthracene	**<1.4**	ug/L	4.7	1.4	1	08/01/17 08:10	08/03/17 14:15	53-70-3	
Dibenzofuran	**<0.82**	ug/L	2.7	0.82	1	08/01/17 08:10	08/03/17 14:15	132-64-9	
Diethylphthalate	**<1.2**	ug/L	3.8	1.2	1	08/01/17 08:10	08/03/17 14:15	84-66-2	
Dimethylphthalate	**<2.1**	ug/L	6.8	2.1	1	08/01/17 08:10	08/03/17 14:15	131-11-3	
Fluoranthene	**<0.60**	ug/L	2.0	0.60	1	08/01/17 08:10	08/03/17 14:15	206-44-0	
Fluorene	**<0.80**	ug/L	2.7	0.80	1	08/01/17 08:10	08/03/17 14:15	86-73-7	
Hexachloro-1,3-butadiene	**<2.6**	ug/L	8.7	2.6	1	08/01/17 08:10	08/03/17 14:15	87-68-3	
Hexachlorobenzene	**<1.8**	ug/L	6.0	1.8	1	08/01/17 08:10	08/03/17 14:15	118-74-1	
Hexachlorocyclopentadiene	**<0.72**	ug/L	2.4	0.72	1	08/01/17 08:10	08/03/17 14:15	77-47-4	
Hexachloroethane	**<2.8**	ug/L	9.4	2.8	1	08/01/17 08:10	08/03/17 14:15	67-72-1	
Indeno(1,2,3-cd)pyrene	**<1.6**	ug/L	5.3	1.6	1	08/01/17 08:10	08/03/17 14:15	193-39-5	
Isophorone	**<0.78**	ug/L	2.6	0.78	1	08/01/17 08:10	08/03/17 14:15	78-59-1	
N-Nitroso-di-n-propylamine	**<1.0**	ug/L	3.4	1.0	1	08/01/17 08:10	08/03/17 14:15	621-64-7	
N-Nitrosodiphenylamine	**<3.8**	ug/L	12.5	3.8	1	08/01/17 08:10	08/03/17 14:15	86-30-6	
Naphthalene	**<2.0**	ug/L	6.7	2.0	1	08/01/17 08:10	08/03/17 14:15	91-20-3	
Nitrobenzene	**<1.5**	ug/L	5.1	1.5	1	08/01/17 08:10	08/03/17 14:15	98-95-3	
Pentachlorophenol	**<1.5**	ug/L	5.1	1.5	1	08/01/17 08:10	08/03/17 14:15	87-86-5	
Phenanthrene	**<1.9**	ug/L	6.5	1.9	1	08/01/17 08:10	08/03/17 14:15	85-01-8	
Phenol	**<0.64**	ug/L	2.1	0.64	1	08/01/17 08:10	08/03/17 14:15	108-95-2	
Pyrene	**<1.4**	ug/L	4.8	1.4	1	08/01/17 08:10	08/03/17 14:15	129-00-0	
bis(2-Chloroethoxy)methane	**<1.1**	ug/L	3.5	1.1	1	08/01/17 08:10	08/03/17 14:15	111-91-1	
bis(2-Chloroethyl) ether	**<1.7**	ug/L	5.6	1.7	1	08/01/17 08:10	08/03/17 14:15	111-44-4	
bis(2-Ethylhexyl)phthalate	**<0.74**	ug/L	2.5	0.74	1	08/01/17 08:10	08/03/17 14:15	117-81-7	
Surrogates									
Nitrobenzene-d5 (S)	74	%	53-100		1	08/01/17 08:10	08/03/17 14:15	4165-60-0	
2-Fluorobiphenyl (S)	64	%	59-109		1	08/01/17 08:10	08/03/17 14:15	321-60-8	
Terphenyl-d14 (S)	76	%	59-108		1	08/01/17 08:10	08/03/17 14:15	1718-51-0	
Phenol-d6 (S)	32	%	18-120		1	08/01/17 08:10	08/03/17 14:15	13127-88-3	
2-Fluorophenol (S)	51	%	27-67		1	08/01/17 08:10	08/03/17 14:15	367-12-4	
2,4,6-Tribromophenol (S)	96	%	65-140		1	08/01/17 08:10	08/03/17 14:15	118-79-6	
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<0.50**	ug/L	1.0	0.50	1		07/31/17 21:12	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		07/31/17 21:12	108-86-1	
Bromochloromethane	**<0.34**	ug/L	1.0	0.34	1		07/31/17 21:12	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		07/31/17 21:12	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		07/31/17 21:12	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		07/31/17 21:12	74-83-9	
n-Butylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/31/17 21:12	104-51-8	

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ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154013

Sample: SB-31-S **Lab ID: 40154013007** Collected: 07/26/17 14:30 Received: 07/28/17 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		07/31/17 21:12	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		07/31/17 21:12	98-06-6	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		07/31/17 21:12	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/31/17 21:12	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		07/31/17 21:12	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		07/31/17 21:12	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		07/31/17 21:12	74-87-3	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		07/31/17 21:12	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		07/31/17 21:12	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		07/31/17 21:12	96-12-8	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		07/31/17 21:12	124-48-1	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		07/31/17 21:12	106-93-4	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		07/31/17 21:12	74-95-3	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/31/17 21:12	95-50-1	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/31/17 21:12	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/31/17 21:12	106-46-7	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		07/31/17 21:12	75-71-8	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		07/31/17 21:12	75-34-3	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		07/31/17 21:12	107-06-2	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		07/31/17 21:12	75-35-4	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		07/31/17 21:12	156-59-2	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		07/31/17 21:12	156-60-5	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		07/31/17 21:12	78-87-5	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		07/31/17 21:12	142-28-9	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		07/31/17 21:12	594-20-7	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		07/31/17 21:12	563-58-6	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		07/31/17 21:12	10061-01-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		07/31/17 21:12	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		07/31/17 21:12	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/31/17 21:12	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		07/31/17 21:12	87-68-3	
Isopropylbenzene (Cumene)	**<0.14**	ug/L	1.0	0.14	1		07/31/17 21:12	98-82-8	
p-Isopropyltoluene	**<0.50**	ug/L	1.0	0.50	1		07/31/17 21:12	99-87-6	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		07/31/17 21:12	75-09-2	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		07/31/17 21:12	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		07/31/17 21:12	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/31/17 21:12	103-65-1	
Styrene	**<0.50**	ug/L	1.0	0.50	1		07/31/17 21:12	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		07/31/17 21:12	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.25**	ug/L	1.0	0.25	1		07/31/17 21:12	79-34-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		07/31/17 21:12	127-18-4	
Toluene	**<0.50**	ug/L	1.0	0.50	1		07/31/17 21:12	108-88-3	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		07/31/17 21:12	87-61-6	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		07/31/17 21:12	120-82-1	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		07/31/17 21:12	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		07/31/17 21:12	79-00-5	

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ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154013

Sample: SB-31-S **Lab ID: 40154013007** Collected: 07/26/17 14:30 Received: 07/28/17 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		07/31/17 21:12	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		07/31/17 21:12	75-69-4	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		07/31/17 21:12	96-18-4	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/31/17 21:12	95-63-6	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/31/17 21:12	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		07/31/17 21:12	75-01-4	
m&p-Xylene	**<1.0**	ug/L	2.0	1.0	1		07/31/17 21:12	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		07/31/17 21:12	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	86	%	61-130		1		07/31/17 21:12	460-00-4	HS
Dibromofluoromethane (S)	114	%	67-130		1		07/31/17 21:12	1868-53-7	
Toluene-d8 (S)	97	%	70-130		1		07/31/17 21:12	2037-26-5	

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ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154013

Sample: SB-27-D **Lab ID: 40154013008** Collected: 07/27/17 09:10 Received: 07/28/17 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**19.3J**	ug/L	25.0	8.3	1	08/01/17 11:54	08/02/17 14:07	7440-38-2	
Barium	**298**	ug/L	5.0	1.5	1	08/01/17 11:54	08/02/17 14:07	7440-39-3	
Cadmium	**<1.3**	ug/L	5.0	1.3	1	08/01/17 11:54	08/02/17 14:07	7440-43-9	
Chromium	**67.0**	ug/L	10.0	2.5	1	08/01/17 11:54	08/02/17 14:07	7440-47-3	
Lead	**117**	ug/L	13.0	4.3	1	08/01/17 11:54	08/02/17 14:07	7439-92-1	
Selenium	**<16.6**	ug/L	50.0	16.6	1	08/01/17 11:54	08/02/17 14:07	7782-49-2	
Silver	**<3.3**	ug/L	10.0	3.3	1	08/01/17 11:54	08/02/17 14:07	7440-22-4	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**<0.13**	ug/L	0.42	0.13	1	08/03/17 13:00	08/04/17 09:29	7439-97-6	
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510								
1,2,4-Trichlorobenzene	**<1.9**	ug/L	6.5	1.9	1	08/03/17 08:01	08/03/17 15:40	120-82-1	
1,2-Dichlorobenzene	**<1.8**	ug/L	6.1	1.8	1	08/03/17 08:01	08/03/17 15:40	95-50-1	
1,3-Dichlorobenzene	**<1.8**	ug/L	6.0	1.8	1	08/03/17 08:01	08/03/17 15:40	541-73-1	
1,4-Dichlorobenzene	**<1.8**	ug/L	6.0	1.8	1	08/03/17 08:01	08/03/17 15:40	106-46-7	
2,2'-Oxybis(1-chloropropane)	**<1.5**	ug/L	4.8	1.5	1	08/03/17 08:01	08/03/17 15:40	108-60-1	
2,4,5-Trichlorophenol	**<0.80**	ug/L	2.7	0.80	1	08/03/17 08:01	08/03/17 15:40	95-95-4	
2,4,6-Trichlorophenol	**<2.0**	ug/L	6.7	2.0	1	08/03/17 08:01	08/03/17 15:40	88-06-2	
2,4-Dichlorophenol	**<1.3**	ug/L	4.3	1.3	1	08/03/17 08:01	08/03/17 15:40	120-83-2	
2,4-Dimethylphenol	**<1.2**	ug/L	4.0	1.2	1	08/03/17 08:01	08/03/17 15:40	105-67-9	
2,4-Dinitrophenol	**<0.68**	ug/L	2.3	0.68	1	08/03/17 08:01	08/03/17 15:40	51-28-5	
2,4-Dinitrotoluene	**<0.75**	ug/L	2.5	0.75	1	08/03/17 08:01	08/03/17 15:40	121-14-2	
2,6-Dinitrotoluene	**<0.57**	ug/L	1.9	0.57	1	08/03/17 08:01	08/03/17 15:40	606-20-2	
2-Chloronaphthalene	**<1.6**	ug/L	5.2	1.6	1	08/03/17 08:01	08/03/17 15:40	91-58-7	
2-Chlorophenol	**<1.1**	ug/L	3.7	1.1	1	08/03/17 08:01	08/03/17 15:40	95-57-8	
2-Methylnaphthalene	**<1.4**	ug/L	4.8	1.4	1	08/03/17 08:01	08/03/17 15:40	91-57-6	
2-Methylphenol(o-Cresol)	**<0.83**	ug/L	2.8	0.83	1	08/03/17 08:01	08/03/17 15:40	95-48-7	
2-Nitroaniline	**<0.74**	ug/L	2.5	0.74	1	08/03/17 08:01	08/03/17 15:40	88-74-4	
2-Nitrophenol	**<1.1**	ug/L	3.7	1.1	1	08/03/17 08:01	08/03/17 15:40	88-75-5	
3&4-Methylphenol(m&p Cresol)	**<1.5**	ug/L	5.0	1.5	1	08/03/17 08:01	08/03/17 15:40		
3,3'-Dichlorobenzidine	**<0.86**	ug/L	2.9	0.86	1	08/03/17 08:01	08/03/17 15:40	91-94-1	
3-Nitroaniline	**<0.92**	ug/L	3.1	0.92	1	08/03/17 08:01	08/03/17 15:40	99-09-2	
4,6-Dinitro-2-methylphenol	**<0.62**	ug/L	2.1	0.62	1	08/03/17 08:01	08/03/17 15:40	534-52-1	
4-Bromophenylphenyl ether	**<1.9**	ug/L	6.3	1.9	1	08/03/17 08:01	08/03/17 15:40	101-55-3	
4-Chloro-3-methylphenol	**<1.6**	ug/L	5.4	1.6	1	08/03/17 08:01	08/03/17 15:40	59-50-7	
4-Chloroaniline	**<1.0**	ug/L	3.5	1.0	1	08/03/17 08:01	08/03/17 15:40	106-47-8	
4-Chlorophenylphenyl ether	**<0.78**	ug/L	2.6	0.78	1	08/03/17 08:01	08/03/17 15:40	7005-72-3	
4-Nitroaniline	**<1.7**	ug/L	5.8	1.7	1	08/03/17 08:01	08/03/17 15:40	100-01-6	
4-Nitrophenol	**<1.0**	ug/L	3.3	1.0	1	08/03/17 08:01	08/03/17 15:40	100-02-7	
Acenaphthene	**<1.3**	ug/L	4.3	1.3	1	08/03/17 08:01	08/03/17 15:40	83-32-9	
Acenaphthylene	**<1.0**	ug/L	3.4	1.0	1	08/03/17 08:01	08/03/17 15:40	208-96-8	
Anthracene	**<1.7**	ug/L	5.7	1.7	1	08/03/17 08:01	08/03/17 15:40	120-12-7	
Benzo(a)anthracene	**<0.51**	ug/L	1.7	0.51	1	08/03/17 08:01	08/03/17 15:40	56-55-3	
Benzo(a)pyrene	**<1.8**	ug/L	6.0	1.8	1	08/03/17 08:01	08/03/17 15:40	50-32-8	
Benzo(b)fluoranthene	**<0.62**	ug/L	2.1	0.62	1	08/03/17 08:01	08/03/17 15:40	205-99-2	

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ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154013

Sample: SB-27-D **Lab ID: 40154013008** Collected: 07/27/17 09:10 Received: 07/28/17 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510								
Benzo(g,h,i)perylene	**<0.77**	ug/L	2.6	0.77	1	08/03/17 08:01	08/03/17 15:40	191-24-2	
Benzo(k)fluoranthene	**<0.95**	ug/L	3.2	0.95	1	08/03/17 08:01	08/03/17 15:40	207-08-9	
Butylbenzylphthalate	**<0.74**	ug/L	2.5	0.74	1	08/03/17 08:01	08/03/17 15:40	85-68-7	
Carbazole	**<0.71**	ug/L	2.4	0.71	1	08/03/17 08:01	08/03/17 15:40	86-74-8	
Chrysene	**<1.7**	ug/L	5.5	1.7	1	08/03/17 08:01	08/03/17 15:40	218-01-9	
Di-n-butylphthalate	**<2.4**	ug/L	8.1	2.4	1	08/03/17 08:01	08/03/17 15:40	84-74-2	
Di-n-octylphthalate	**<1.8**	ug/L	6.0	1.8	1	08/03/17 08:01	08/03/17 15:40	117-84-0	
Dibenz(a,h)anthracene	**<1.3**	ug/L	4.2	1.3	1	08/03/17 08:01	08/03/17 15:40	53-70-3	
Dibenzofuran	**<0.73**	ug/L	2.4	0.73	1	08/03/17 08:01	08/03/17 15:40	132-64-9	
Diethylphthalate	**<1.0**	ug/L	3.4	1.0	1	08/03/17 08:01	08/03/17 15:40	84-66-2	
Dimethylphthalate	**<1.8**	ug/L	6.1	1.8	1	08/03/17 08:01	08/03/17 15:40	131-11-3	
Fluoranthene	**<0.54**	ug/L	1.8	0.54	1	08/03/17 08:01	08/03/17 15:40	206-44-0	
Fluorene	**<0.71**	ug/L	2.4	0.71	1	08/03/17 08:01	08/03/17 15:40	86-73-7	
Hexachloro-1,3-butadiene	**<2.3**	ug/L	7.8	2.3	1	08/03/17 08:01	08/03/17 15:40	87-68-3	
Hexachlorobenzene	**<1.6**	ug/L	5.4	1.6	1	08/03/17 08:01	08/03/17 15:40	118-74-1	
Hexachlorocyclopentadiene	**<0.65**	ug/L	2.2	0.65	1	08/03/17 08:01	08/03/17 15:40	77-47-4	
Hexachloroethane	**<2.5**	ug/L	8.4	2.5	1	08/03/17 08:01	08/03/17 15:40	67-72-1	
Indeno(1,2,3-cd)pyrene	**<1.4**	ug/L	4.8	1.4	1	08/03/17 08:01	08/03/17 15:40	193-39-5	
Isophorone	**<0.70**	ug/L	2.3	0.70	1	08/03/17 08:01	08/03/17 15:40	78-59-1	
N-Nitroso-di-n-propylamine	**<0.92**	ug/L	3.1	0.92	1	08/03/17 08:01	08/03/17 15:40	621-64-7	
N-Nitrosodiphenylamine	**<3.4**	ug/L	11.2	3.4	1	08/03/17 08:01	08/03/17 15:40	86-30-6	
Naphthalene	**<1.8**	ug/L	6.0	1.8	1	08/03/17 08:01	08/03/17 15:40	91-20-3	
Nitrobenzene	**<1.4**	ug/L	4.6	1.4	1	08/03/17 08:01	08/03/17 15:40	98-95-3	
Pentachlorophenol	**<1.4**	ug/L	4.6	1.4	1	08/03/17 08:01	08/03/17 15:40	87-86-5	
Phenanthrene	**<1.7**	ug/L	5.8	1.7	1	08/03/17 08:01	08/03/17 15:40	85-01-8	
Phenol	**<0.57**	ug/L	1.9	0.57	1	08/03/17 08:01	08/03/17 15:40	108-95-2	
Pyrene	**<1.3**	ug/L	4.3	1.3	1	08/03/17 08:01	08/03/17 15:40	129-00-0	
bis(2-Chloroethoxy)methane	**<0.95**	ug/L	3.2	0.95	1	08/03/17 08:01	08/03/17 15:40	111-91-1	
bis(2-Chloroethyl) ether	**<1.5**	ug/L	5.0	1.5	1	08/03/17 08:01	08/03/17 15:40	111-44-4	
bis(2-Ethylhexyl)phthalate	**<0.66**	ug/L	2.2	0.66	1	08/03/17 08:01	08/03/17 15:40	117-81-7	
Surrogates									
Nitrobenzene-d5 (S)	77	%	53-100		1	08/03/17 08:01	08/03/17 15:40	4165-60-0	
2-Fluorobiphenyl (S)	74	%	59-109		1	08/03/17 08:01	08/03/17 15:40	321-60-8	
Terphenyl-d14 (S)	79	%	59-108		1	08/03/17 08:01	08/03/17 15:40	1718-51-0	
Phenol-d6 (S)	29	%	18-120		1	08/03/17 08:01	08/03/17 15:40	13127-88-3	
2-Fluorophenol (S)	40	%	27-67		1	08/03/17 08:01	08/03/17 15:40	367-12-4	
2,4,6-Tribromophenol (S)	70	%	65-140		1	08/03/17 08:01	08/03/17 15:40	118-79-6	
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 00:32	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		08/01/17 00:32	108-86-1	
Bromochloromethane	**<0.34**	ug/L	1.0	0.34	1		08/01/17 00:32	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		08/01/17 00:32	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		08/01/17 00:32	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		08/01/17 00:32	74-83-9	
n-Butylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 00:32	104-51-8	

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ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154013

Sample: SB-27-D **Lab ID: 40154013008** Collected: 07/27/17 09:10 Received: 07/28/17 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		08/01/17 00:32	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		08/01/17 00:32	98-06-6	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		08/01/17 00:32	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 00:32	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		08/01/17 00:32	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		08/01/17 00:32	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		08/01/17 00:32	74-87-3	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 00:32	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		08/01/17 00:32	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		08/01/17 00:32	96-12-8	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		08/01/17 00:32	124-48-1	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		08/01/17 00:32	106-93-4	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		08/01/17 00:32	74-95-3	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 00:32	95-50-1	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 00:32	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 00:32	106-46-7	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		08/01/17 00:32	75-71-8	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		08/01/17 00:32	75-34-3	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		08/01/17 00:32	107-06-2	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		08/01/17 00:32	75-35-4	
cis-1,2-Dichloroethene	**3.7**	ug/L	1.0	0.26	1		08/01/17 00:32	156-59-2	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		08/01/17 00:32	156-60-5	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		08/01/17 00:32	78-87-5	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		08/01/17 00:32	142-28-9	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		08/01/17 00:32	594-20-7	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		08/01/17 00:32	563-58-6	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 00:32	10061-01-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		08/01/17 00:32	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		08/01/17 00:32	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 00:32	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		08/01/17 00:32	87-68-3	
Isopropylbenzene (Cumene)	**<0.14**	ug/L	1.0	0.14	1		08/01/17 00:32	98-82-8	
p-Isopropyltoluene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 00:32	99-87-6	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		08/01/17 00:32	75-09-2	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		08/01/17 00:32	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		08/01/17 00:32	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 00:32	103-65-1	
Styrene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 00:32	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		08/01/17 00:32	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.25**	ug/L	1.0	0.25	1		08/01/17 00:32	79-34-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 00:32	127-18-4	
Toluene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 00:32	108-88-3	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		08/01/17 00:32	87-61-6	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		08/01/17 00:32	120-82-1	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		08/01/17 00:32	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		08/01/17 00:32	79-00-5	

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ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154013

Sample: SB-27-D **Lab ID: 40154013008** Collected: 07/27/17 09:10 Received: 07/28/17 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		08/01/17 00:32	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		08/01/17 00:32	75-69-4	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		08/01/17 00:32	96-18-4	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 00:32	95-63-6	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 00:32	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		08/01/17 00:32	75-01-4	
m&p-Xylene	**<1.0**	ug/L	2.0	1.0	1		08/01/17 00:32	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 00:32	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	87	%	61-130		1		08/01/17 00:32	460-00-4	
Dibromofluoromethane (S)	111	%	67-130		1		08/01/17 00:32	1868-53-7	
Toluene-d8 (S)	98	%	70-130		1		08/01/17 00:32	2037-26-5	

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ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154013

Sample: SB-53-S **Lab ID: 40154013009** Collected: 07/27/17 10:15 Received: 07/28/17 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**<8.3**	ug/L	25.0	8.3	1	08/01/17 11:54	08/02/17 14:10	7440-38-2	
Barium	**155**	ug/L	5.0	1.5	1	08/01/17 11:54	08/02/17 14:10	7440-39-3	
Cadmium	**<1.3**	ug/L	5.0	1.3	1	08/01/17 11:54	08/02/17 14:10	7440-43-9	
Chromium	**4.8J**	ug/L	10.0	2.5	1	08/01/17 11:54	08/02/17 14:10	7440-47-3	
Lead	**<4.3**	ug/L	13.0	4.3	1	08/01/17 11:54	08/02/17 14:10	7439-92-1	
Selenium	**<16.6**	ug/L	50.0	16.6	1	08/01/17 11:54	08/02/17 14:10	7782-49-2	
Silver	**<3.3**	ug/L	10.0	3.3	1	08/01/17 11:54	08/02/17 14:10	7440-22-4	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**<0.13**	ug/L	0.42	0.13	1	08/03/17 13:00	08/04/17 09:32	7439-97-6	
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510								
1,2,4-Trichlorobenzene	**<1.9**	ug/L	6.5	1.9	1	08/03/17 08:01	08/03/17 16:01	120-82-1	
1,2-Dichlorobenzene	**<1.8**	ug/L	6.1	1.8	1	08/03/17 08:01	08/03/17 16:01	95-50-1	
1,3-Dichlorobenzene	**<1.8**	ug/L	6.0	1.8	1	08/03/17 08:01	08/03/17 16:01	541-73-1	
1,4-Dichlorobenzene	**<1.8**	ug/L	6.0	1.8	1	08/03/17 08:01	08/03/17 16:01	106-46-7	
2,2'-Oxybis(1-chloropropane)	**<1.5**	ug/L	4.8	1.5	1	08/03/17 08:01	08/03/17 16:01	108-60-1	
2,4,5-Trichlorophenol	**<0.80**	ug/L	2.7	0.80	1	08/03/17 08:01	08/03/17 16:01	95-95-4	
2,4,6-Trichlorophenol	**<2.0**	ug/L	6.7	2.0	1	08/03/17 08:01	08/03/17 16:01	88-06-2	
2,4-Dichlorophenol	**<1.3**	ug/L	4.3	1.3	1	08/03/17 08:01	08/03/17 16:01	120-83-2	
2,4-Dimethylphenol	**<1.2**	ug/L	4.0	1.2	1	08/03/17 08:01	08/03/17 16:01	105-67-9	
2,4-Dinitrophenol	**<0.68**	ug/L	2.3	0.68	1	08/03/17 08:01	08/03/17 16:01	51-28-5	
2,4-Dinitrotoluene	**<0.75**	ug/L	2.5	0.75	1	08/03/17 08:01	08/03/17 16:01	121-14-2	
2,6-Dinitrotoluene	**<0.57**	ug/L	1.9	0.57	1	08/03/17 08:01	08/03/17 16:01	606-20-2	
2-Chloronaphthalene	**<1.6**	ug/L	5.2	1.6	1	08/03/17 08:01	08/03/17 16:01	91-58-7	
2-Chlorophenol	**<1.1**	ug/L	3.7	1.1	1	08/03/17 08:01	08/03/17 16:01	95-57-8	
2-Methylnaphthalene	**<1.4**	ug/L	4.8	1.4	1	08/03/17 08:01	08/03/17 16:01	91-57-6	
2-Methylphenol(o-Cresol)	**<0.83**	ug/L	2.8	0.83	1	08/03/17 08:01	08/03/17 16:01	95-48-7	
2-Nitroaniline	**<0.74**	ug/L	2.5	0.74	1	08/03/17 08:01	08/03/17 16:01	88-74-4	
2-Nitrophenol	**<1.1**	ug/L	3.7	1.1	1	08/03/17 08:01	08/03/17 16:01	88-75-5	
3&4-Methylphenol(m&p Cresol)	**<1.5**	ug/L	5.0	1.5	1	08/03/17 08:01	08/03/17 16:01		
3,3'-Dichlorobenzidine	**<0.86**	ug/L	2.9	0.86	1	08/03/17 08:01	08/03/17 16:01	91-94-1	
3-Nitroaniline	**<0.92**	ug/L	3.1	0.92	1	08/03/17 08:01	08/03/17 16:01	99-09-2	
4,6-Dinitro-2-methylphenol	**<0.62**	ug/L	2.1	0.62	1	08/03/17 08:01	08/03/17 16:01	534-52-1	
4-Bromophenylphenyl ether	**<1.9**	ug/L	6.3	1.9	1	08/03/17 08:01	08/03/17 16:01	101-55-3	
4-Chloro-3-methylphenol	**<1.6**	ug/L	5.4	1.6	1	08/03/17 08:01	08/03/17 16:01	59-50-7	
4-Chloroaniline	**<1.0**	ug/L	3.5	1.0	1	08/03/17 08:01	08/03/17 16:01	106-47-8	
4-Chlorophenylphenyl ether	**<0.78**	ug/L	2.6	0.78	1	08/03/17 08:01	08/03/17 16:01	7005-72-3	
4-Nitroaniline	**<1.7**	ug/L	5.8	1.7	1	08/03/17 08:01	08/03/17 16:01	100-01-6	
4-Nitrophenol	**<1.0**	ug/L	3.3	1.0	1	08/03/17 08:01	08/03/17 16:01	100-02-7	
Acenaphthene	**<1.3**	ug/L	4.3	1.3	1	08/03/17 08:01	08/03/17 16:01	83-32-9	
Acenaphthylene	**<1.0**	ug/L	3.4	1.0	1	08/03/17 08:01	08/03/17 16:01	208-96-8	
Anthracene	**<1.7**	ug/L	5.7	1.7	1	08/03/17 08:01	08/03/17 16:01	120-12-7	
Benzo(a)anthracene	**<0.51**	ug/L	1.7	0.51	1	08/03/17 08:01	08/03/17 16:01	56-55-3	
Benzo(a)pyrene	**<1.8**	ug/L	6.0	1.8	1	08/03/17 08:01	08/03/17 16:01	50-32-8	
Benzo(b)fluoranthene	**<0.62**	ug/L	2.1	0.62	1	08/03/17 08:01	08/03/17 16:01	205-99-2	

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ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154013

Sample: SB-53-S **Lab ID: 40154013009** Collected: 07/27/17 10:15 Received: 07/28/17 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510								
Benzo(g,h,i)perylene	**<0.77**	ug/L	2.6	0.77	1	08/03/17 08:01	08/03/17 16:01	191-24-2	
Benzo(k)fluoranthene	**<0.95**	ug/L	3.2	0.95	1	08/03/17 08:01	08/03/17 16:01	207-08-9	
Butylbenzylphthalate	**<0.74**	ug/L	2.5	0.74	1	08/03/17 08:01	08/03/17 16:01	85-68-7	
Carbazole	**<0.71**	ug/L	2.4	0.71	1	08/03/17 08:01	08/03/17 16:01	86-74-8	
Chrysene	**<1.7**	ug/L	5.5	1.7	1	08/03/17 08:01	08/03/17 16:01	218-01-9	
Di-n-butylphthalate	**<2.4**	ug/L	8.1	2.4	1	08/03/17 08:01	08/03/17 16:01	84-74-2	
Di-n-octylphthalate	**<1.8**	ug/L	6.0	1.8	1	08/03/17 08:01	08/03/17 16:01	117-84-0	
Dibenz(a,h)anthracene	**<1.3**	ug/L	4.2	1.3	1	08/03/17 08:01	08/03/17 16:01	53-70-3	
Dibenzofuran	**<0.73**	ug/L	2.4	0.73	1	08/03/17 08:01	08/03/17 16:01	132-64-9	
Diethylphthalate	**<1.0**	ug/L	3.4	1.0	1	08/03/17 08:01	08/03/17 16:01	84-66-2	
Dimethylphthalate	**<1.8**	ug/L	6.1	1.8	1	08/03/17 08:01	08/03/17 16:01	131-11-3	
Fluoranthene	**<0.54**	ug/L	1.8	0.54	1	08/03/17 08:01	08/03/17 16:01	206-44-0	
Fluorene	**<0.71**	ug/L	2.4	0.71	1	08/03/17 08:01	08/03/17 16:01	86-73-7	
Hexachloro-1,3-butadiene	**<2.3**	ug/L	7.8	2.3	1	08/03/17 08:01	08/03/17 16:01	87-68-3	
Hexachlorobenzene	**<1.6**	ug/L	5.4	1.6	1	08/03/17 08:01	08/03/17 16:01	118-74-1	
Hexachlorocyclopentadiene	**<0.65**	ug/L	2.2	0.65	1	08/03/17 08:01	08/03/17 16:01	77-47-4	
Hexachloroethane	**<2.5**	ug/L	8.4	2.5	1	08/03/17 08:01	08/03/17 16:01	67-72-1	
Indeno(1,2,3-cd)pyrene	**<1.4**	ug/L	4.8	1.4	1	08/03/17 08:01	08/03/17 16:01	193-39-5	
Isophorone	**<0.70**	ug/L	2.3	0.70	1	08/03/17 08:01	08/03/17 16:01	78-59-1	
N-Nitroso-di-n-propylamine	**<0.92**	ug/L	3.1	0.92	1	08/03/17 08:01	08/03/17 16:01	621-64-7	
N-Nitrosodiphenylamine	**<3.4**	ug/L	11.2	3.4	1	08/03/17 08:01	08/03/17 16:01	86-30-6	
Naphthalene	**<1.8**	ug/L	6.0	1.8	1	08/03/17 08:01	08/03/17 16:01	91-20-3	
Nitrobenzene	**<1.4**	ug/L	4.6	1.4	1	08/03/17 08:01	08/03/17 16:01	98-95-3	
Pentachlorophenol	**<1.4**	ug/L	4.6	1.4	1	08/03/17 08:01	08/03/17 16:01	87-86-5	
Phenanthrene	**<1.7**	ug/L	5.8	1.7	1	08/03/17 08:01	08/03/17 16:01	85-01-8	
Phenol	**<0.57**	ug/L	1.9	0.57	1	08/03/17 08:01	08/03/17 16:01	108-95-2	
Pyrene	**<1.3**	ug/L	4.3	1.3	1	08/03/17 08:01	08/03/17 16:01	129-00-0	
bis(2-Chloroethoxy)methane	**<0.95**	ug/L	3.2	0.95	1	08/03/17 08:01	08/03/17 16:01	111-91-1	
bis(2-Chloroethyl) ether	**<1.5**	ug/L	5.0	1.5	1	08/03/17 08:01	08/03/17 16:01	111-44-4	
bis(2-Ethylhexyl)phthalate	**<0.66**	ug/L	2.2	0.66	1	08/03/17 08:01	08/03/17 16:01	117-81-7	
Surrogates									
Nitrobenzene-d5 (S)	93	%	53-100		1	08/03/17 08:01	08/03/17 16:01	4165-60-0	
2-Fluorobiphenyl (S)	86	%	59-109		1	08/03/17 08:01	08/03/17 16:01	321-60-8	
Terphenyl-d14 (S)	70	%	59-108		1	08/03/17 08:01	08/03/17 16:01	1718-51-0	
Phenol-d6 (S)	32	%	18-120		1	08/03/17 08:01	08/03/17 16:01	13127-88-3	
2-Fluorophenol (S)	49	%	27-67		1	08/03/17 08:01	08/03/17 16:01	367-12-4	
2,4,6-Tribromophenol (S)	101	%	65-140		1	08/03/17 08:01	08/03/17 16:01	118-79-6	
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 00:55	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		08/01/17 00:55	108-86-1	
Bromochloromethane	**<0.34**	ug/L	1.0	0.34	1		08/01/17 00:55	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		08/01/17 00:55	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		08/01/17 00:55	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		08/01/17 00:55	74-83-9	
n-Butylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 00:55	104-51-8	

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ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154013

Sample: SB-53-S **Lab ID: 40154013009** Collected: 07/27/17 10:15 Received: 07/28/17 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		08/01/17 00:55	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		08/01/17 00:55	98-06-6	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		08/01/17 00:55	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 00:55	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		08/01/17 00:55	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		08/01/17 00:55	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		08/01/17 00:55	74-87-3	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 00:55	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		08/01/17 00:55	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		08/01/17 00:55	96-12-8	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		08/01/17 00:55	124-48-1	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		08/01/17 00:55	106-93-4	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		08/01/17 00:55	74-95-3	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 00:55	95-50-1	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 00:55	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 00:55	106-46-7	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		08/01/17 00:55	75-71-8	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		08/01/17 00:55	75-34-3	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		08/01/17 00:55	107-06-2	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		08/01/17 00:55	75-35-4	
cis-1,2-Dichloroethene	**0.51J**	ug/L	1.0	0.26	1		08/01/17 00:55	156-59-2	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		08/01/17 00:55	156-60-5	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		08/01/17 00:55	78-87-5	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		08/01/17 00:55	142-28-9	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		08/01/17 00:55	594-20-7	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		08/01/17 00:55	563-58-6	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 00:55	10061-01-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		08/01/17 00:55	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		08/01/17 00:55	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 00:55	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		08/01/17 00:55	87-68-3	
Isopropylbenzene (Cumene)	**<0.14**	ug/L	1.0	0.14	1		08/01/17 00:55	98-82-8	
p-Isopropyltoluene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 00:55	99-87-6	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		08/01/17 00:55	75-09-2	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		08/01/17 00:55	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		08/01/17 00:55	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 00:55	103-65-1	
Styrene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 00:55	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		08/01/17 00:55	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.25**	ug/L	1.0	0.25	1		08/01/17 00:55	79-34-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 00:55	127-18-4	
Toluene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 00:55	108-88-3	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		08/01/17 00:55	87-61-6	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		08/01/17 00:55	120-82-1	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		08/01/17 00:55	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		08/01/17 00:55	79-00-5	

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ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154013

Sample: SB-53-S **Lab ID: 40154013009** Collected: 07/27/17 10:15 Received: 07/28/17 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Trichloroethene	**0.39J**	ug/L	1.0	0.33	1		08/01/17 00:55	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		08/01/17 00:55	75-69-4	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		08/01/17 00:55	96-18-4	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 00:55	95-63-6	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 00:55	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		08/01/17 00:55	75-01-4	
m&p-Xylene	**<1.0**	ug/L	2.0	1.0	1		08/01/17 00:55	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 00:55	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	87	%	61-130		1		08/01/17 00:55	460-00-4	
Dibromofluoromethane (S)	114	%	67-130		1		08/01/17 00:55	1868-53-7	
Toluene-d8 (S)	93	%	70-130		1		08/01/17 00:55	2037-26-5	

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ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154013

Sample: SB-34-S **Lab ID: 40154013010** Collected: 07/27/17 11:00 Received: 07/28/17 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**<8.3**	ug/L	25.0	8.3	1	08/01/17 11:54	08/02/17 14:12	7440-38-2	
Barium	**125**	ug/L	5.0	1.5	1	08/01/17 11:54	08/02/17 14:12	7440-39-3	
Cadmium	**<1.3**	ug/L	5.0	1.3	1	08/01/17 11:54	08/02/17 14:12	7440-43-9	
Chromium	**7.0J**	ug/L	10.0	2.5	1	08/01/17 11:54	08/02/17 14:12	7440-47-3	
Lead	**<4.3**	ug/L	13.0	4.3	1	08/01/17 11:54	08/02/17 14:12	7439-92-1	
Selenium	**<16.6**	ug/L	50.0	16.6	1	08/01/17 11:54	08/02/17 14:12	7782-49-2	
Silver	**<3.3**	ug/L	10.0	3.3	1	08/01/17 11:54	08/02/17 14:12	7440-22-4	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**<0.13**	ug/L	0.42	0.13	1	08/03/17 13:00	08/04/17 09:34	7439-97-6	
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510								
1,2,4-Trichlorobenzene	**<1.9**	ug/L	6.5	1.9	1	08/03/17 08:01	08/03/17 16:23	120-82-1	
1,2-Dichlorobenzene	**<1.8**	ug/L	6.1	1.8	1	08/03/17 08:01	08/03/17 16:23	95-50-1	
1,3-Dichlorobenzene	**<1.8**	ug/L	6.0	1.8	1	08/03/17 08:01	08/03/17 16:23	541-73-1	
1,4-Dichlorobenzene	**<1.8**	ug/L	6.0	1.8	1	08/03/17 08:01	08/03/17 16:23	106-46-7	
2,2'-Oxybis(1-chloropropane)	**<1.5**	ug/L	4.8	1.5	1	08/03/17 08:01	08/03/17 16:23	108-60-1	
2,4,5-Trichlorophenol	**<0.80**	ug/L	2.7	0.80	1	08/03/17 08:01	08/03/17 16:23	95-95-4	
2,4,6-Trichlorophenol	**<2.0**	ug/L	6.7	2.0	1	08/03/17 08:01	08/03/17 16:23	88-06-2	
2,4-Dichlorophenol	**<1.3**	ug/L	4.3	1.3	1	08/03/17 08:01	08/03/17 16:23	120-83-2	
2,4-Dimethylphenol	**<1.2**	ug/L	4.0	1.2	1	08/03/17 08:01	08/03/17 16:23	105-67-9	
2,4-Dinitrophenol	**<0.68**	ug/L	2.3	0.68	1	08/03/17 08:01	08/03/17 16:23	51-28-5	
2,4-Dinitrotoluene	**<0.75**	ug/L	2.5	0.75	1	08/03/17 08:01	08/03/17 16:23	121-14-2	
2,6-Dinitrotoluene	**<0.57**	ug/L	1.9	0.57	1	08/03/17 08:01	08/03/17 16:23	606-20-2	
2-Chloronaphthalene	**<1.6**	ug/L	5.2	1.6	1	08/03/17 08:01	08/03/17 16:23	91-58-7	
2-Chlorophenol	**<1.1**	ug/L	3.7	1.1	1	08/03/17 08:01	08/03/17 16:23	95-57-8	
2-Methylnaphthalene	**<1.4**	ug/L	4.8	1.4	1	08/03/17 08:01	08/03/17 16:23	91-57-6	
2-Methylphenol(o-Cresol)	**<0.83**	ug/L	2.8	0.83	1	08/03/17 08:01	08/03/17 16:23	95-48-7	
2-Nitroaniline	**<0.74**	ug/L	2.5	0.74	1	08/03/17 08:01	08/03/17 16:23	88-74-4	
2-Nitrophenol	**<1.1**	ug/L	3.7	1.1	1	08/03/17 08:01	08/03/17 16:23	88-75-5	
3&4-Methylphenol(m&p Cresol)	**<1.5**	ug/L	5.0	1.5	1	08/03/17 08:01	08/03/17 16:23		
3,3'-Dichlorobenzidine	**<0.86**	ug/L	2.9	0.86	1	08/03/17 08:01	08/03/17 16:23	91-94-1	
3-Nitroaniline	**<0.92**	ug/L	3.1	0.92	1	08/03/17 08:01	08/03/17 16:23	99-09-2	
4,6-Dinitro-2-methylphenol	**<0.62**	ug/L	2.1	0.62	1	08/03/17 08:01	08/03/17 16:23	534-52-1	
4-Bromophenylphenyl ether	**<1.9**	ug/L	6.3	1.9	1	08/03/17 08:01	08/03/17 16:23	101-55-3	
4-Chloro-3-methylphenol	**<1.6**	ug/L	5.4	1.6	1	08/03/17 08:01	08/03/17 16:23	59-50-7	
4-Chloroaniline	**<1.0**	ug/L	3.5	1.0	1	08/03/17 08:01	08/03/17 16:23	106-47-8	
4-Chlorophenylphenyl ether	**<0.78**	ug/L	2.6	0.78	1	08/03/17 08:01	08/03/17 16:23	7005-72-3	
4-Nitroaniline	**<1.7**	ug/L	5.8	1.7	1	08/03/17 08:01	08/03/17 16:23	100-01-6	
4-Nitrophenol	**<1.0**	ug/L	3.3	1.0	1	08/03/17 08:01	08/03/17 16:23	100-02-7	
Acenaphthene	**<1.3**	ug/L	4.3	1.3	1	08/03/17 08:01	08/03/17 16:23	83-32-9	
Acenaphthylene	**<1.0**	ug/L	3.4	1.0	1	08/03/17 08:01	08/03/17 16:23	208-96-8	
Anthracene	**<1.7**	ug/L	5.7	1.7	1	08/03/17 08:01	08/03/17 16:23	120-12-7	
Benzo(a)anthracene	**<0.51**	ug/L	1.7	0.51	1	08/03/17 08:01	08/03/17 16:23	56-55-3	
Benzo(a)pyrene	**<1.8**	ug/L	6.0	1.8	1	08/03/17 08:01	08/03/17 16:23	50-32-8	
Benzo(b)fluoranthene	**<0.62**	ug/L	2.1	0.62	1	08/03/17 08:01	08/03/17 16:23	205-99-2	

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ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154013

Sample: SB-34-S **Lab ID: 40154013010** Collected: 07/27/17 11:00 Received: 07/28/17 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510								
Benzo(g,h,i)perylene	**<0.77**	ug/L	2.6	0.77	1	08/03/17 08:01	08/03/17 16:23	191-24-2	
Benzo(k)fluoranthene	**<0.95**	ug/L	3.2	0.95	1	08/03/17 08:01	08/03/17 16:23	207-08-9	
Butylbenzylphthalate	**<0.74**	ug/L	2.5	0.74	1	08/03/17 08:01	08/03/17 16:23	85-68-7	
Carbazole	**<0.71**	ug/L	2.4	0.71	1	08/03/17 08:01	08/03/17 16:23	86-74-8	
Chrysene	**<1.7**	ug/L	5.5	1.7	1	08/03/17 08:01	08/03/17 16:23	218-01-9	
Di-n-butylphthalate	**<2.4**	ug/L	8.1	2.4	1	08/03/17 08:01	08/03/17 16:23	84-74-2	
Di-n-octylphthalate	**<1.8**	ug/L	6.0	1.8	1	08/03/17 08:01	08/03/17 16:23	117-84-0	
Dibenz(a,h)anthracene	**<1.3**	ug/L	4.2	1.3	1	08/03/17 08:01	08/03/17 16:23	53-70-3	
Dibenzofuran	**<0.73**	ug/L	2.4	0.73	1	08/03/17 08:01	08/03/17 16:23	132-64-9	
Diethylphthalate	**<1.0**	ug/L	3.4	1.0	1	08/03/17 08:01	08/03/17 16:23	84-66-2	
Dimethylphthalate	**<1.8**	ug/L	6.1	1.8	1	08/03/17 08:01	08/03/17 16:23	131-11-3	
Fluoranthene	**<0.54**	ug/L	1.8	0.54	1	08/03/17 08:01	08/03/17 16:23	206-44-0	
Fluorene	**<0.71**	ug/L	2.4	0.71	1	08/03/17 08:01	08/03/17 16:23	86-73-7	
Hexachloro-1,3-butadiene	**<2.3**	ug/L	7.8	2.3	1	08/03/17 08:01	08/03/17 16:23	87-68-3	
Hexachlorobenzene	**<1.6**	ug/L	5.4	1.6	1	08/03/17 08:01	08/03/17 16:23	118-74-1	
Hexachlorocyclopentadiene	**<0.65**	ug/L	2.2	0.65	1	08/03/17 08:01	08/03/17 16:23	77-47-4	
Hexachloroethane	**<2.5**	ug/L	8.4	2.5	1	08/03/17 08:01	08/03/17 16:23	67-72-1	
Indeno(1,2,3-cd)pyrene	**<1.4**	ug/L	4.8	1.4	1	08/03/17 08:01	08/03/17 16:23	193-39-5	
Isophorone	**<0.70**	ug/L	2.3	0.70	1	08/03/17 08:01	08/03/17 16:23	78-59-1	
N-Nitroso-di-n-propylamine	**<0.92**	ug/L	3.1	0.92	1	08/03/17 08:01	08/03/17 16:23	621-64-7	
N-Nitrosodiphenylamine	**<3.4**	ug/L	11.2	3.4	1	08/03/17 08:01	08/03/17 16:23	86-30-6	
Naphthalene	**<1.8**	ug/L	6.0	1.8	1	08/03/17 08:01	08/03/17 16:23	91-20-3	
Nitrobenzene	**<1.4**	ug/L	4.6	1.4	1	08/03/17 08:01	08/03/17 16:23	98-95-3	
Pentachlorophenol	**<1.4**	ug/L	4.6	1.4	1	08/03/17 08:01	08/03/17 16:23	87-86-5	
Phenanthrene	**<1.7**	ug/L	5.8	1.7	1	08/03/17 08:01	08/03/17 16:23	85-01-8	
Phenol	**<0.57**	ug/L	1.9	0.57	1	08/03/17 08:01	08/03/17 16:23	108-95-2	
Pyrene	**<1.3**	ug/L	4.3	1.3	1	08/03/17 08:01	08/03/17 16:23	129-00-0	
bis(2-Chloroethoxy)methane	**<0.95**	ug/L	3.2	0.95	1	08/03/17 08:01	08/03/17 16:23	111-91-1	
bis(2-Chloroethyl) ether	**<1.5**	ug/L	5.0	1.5	1	08/03/17 08:01	08/03/17 16:23	111-44-4	
bis(2-Ethylhexyl)phthalate	**<0.66**	ug/L	2.2	0.66	1	08/03/17 08:01	08/03/17 16:23	117-81-7	
Surrogates									
Nitrobenzene-d5 (S)	93	%	53-100		1	08/03/17 08:01	08/03/17 16:23	4165-60-0	
2-Fluorobiphenyl (S)	87	%	59-109		1	08/03/17 08:01	08/03/17 16:23	321-60-8	
Terphenyl-d14 (S)	83	%	59-108		1	08/03/17 08:01	08/03/17 16:23	1718-51-0	
Phenol-d6 (S)	33	%	18-120		1	08/03/17 08:01	08/03/17 16:23	13127-88-3	
2-Fluorophenol (S)	51	%	27-67		1	08/03/17 08:01	08/03/17 16:23	367-12-4	
2,4,6-Tribromophenol (S)	109	%	65-140		1	08/03/17 08:01	08/03/17 16:23	118-79-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**<3.0**	ug/L	20.0	3.0	1		08/01/17 01:17	67-64-1	
Benzene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 01:17	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		08/01/17 01:17	108-86-1	
Bromochloromethane	**<0.34**	ug/L	1.0	0.34	1		08/01/17 01:17	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		08/01/17 01:17	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		08/01/17 01:17	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		08/01/17 01:17	74-83-9	

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ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154013

Sample: SB-34-S **Lab ID: 40154013010** Collected: 07/27/17 11:00 Received: 07/28/17 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
2-Butanone (MEK)	**<3.0**	ug/L	20.0	3.0	1		08/01/17 01:17	78-93-3	
n-Butylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 01:17	104-51-8	
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		08/01/17 01:17	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		08/01/17 01:17	98-06-6	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		08/01/17 01:17	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 01:17	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		08/01/17 01:17	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		08/01/17 01:17	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		08/01/17 01:17	74-87-3	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 01:17	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		08/01/17 01:17	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		08/01/17 01:17	96-12-8	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		08/01/17 01:17	124-48-1	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		08/01/17 01:17	106-93-4	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		08/01/17 01:17	74-95-3	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 01:17	95-50-1	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 01:17	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 01:17	106-46-7	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		08/01/17 01:17	75-71-8	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		08/01/17 01:17	75-34-3	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		08/01/17 01:17	107-06-2	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		08/01/17 01:17	75-35-4	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		08/01/17 01:17	156-59-2	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		08/01/17 01:17	156-60-5	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		08/01/17 01:17	78-87-5	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		08/01/17 01:17	142-28-9	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		08/01/17 01:17	594-20-7	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		08/01/17 01:17	563-58-6	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 01:17	10061-01-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		08/01/17 01:17	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		08/01/17 01:17	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 01:17	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		08/01/17 01:17	87-68-3	
2-Hexanone	**<1.1**	ug/L	5.0	1.1	1		08/01/17 01:17	591-78-6	
Isopropylbenzene (Cumene)	**<0.14**	ug/L	1.0	0.14	1		08/01/17 01:17	98-82-8	
p-Isopropyltoluene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 01:17	99-87-6	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		08/01/17 01:17	75-09-2	
4-Methyl-2-pentanone (MIBK)	**<2.1**	ug/L	5.0	2.1	1		08/01/17 01:17	108-10-1	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		08/01/17 01:17	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		08/01/17 01:17	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 01:17	103-65-1	
Styrene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 01:17	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		08/01/17 01:17	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.25**	ug/L	1.0	0.25	1		08/01/17 01:17	79-34-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 01:17	127-18-4	
Toluene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 01:17	108-88-3	

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ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154013

Sample: SB-34-S **Lab ID: 40154013010** Collected: 07/27/17 11:00 Received: 07/28/17 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		08/01/17 01:17	87-61-6	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		08/01/17 01:17	120-82-1	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		08/01/17 01:17	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		08/01/17 01:17	79-00-5	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		08/01/17 01:17	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		08/01/17 01:17	75-69-4	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		08/01/17 01:17	96-18-4	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 01:17	95-63-6	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 01:17	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		08/01/17 01:17	75-01-4	
m&p-Xylene	**<1.0**	ug/L	2.0	1.0	1		08/01/17 01:17	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 01:17	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	87	%	61-130		1		08/01/17 01:17	460-00-4	
Dibromofluoromethane (S)	115	%	67-130		1		08/01/17 01:17	1868-53-7	
Toluene-d8 (S)	99	%	70-130		1		08/01/17 01:17	2037-26-5	

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ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154013

Sample: SB-35-S **Lab ID: 40154013011** Collected: 07/27/17 11:25 Received: 07/28/17 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**35.3**	ug/L	25.0	8.3	1	08/01/17 11:54	08/02/17 14:19	7440-38-2	
Barium	**362**	ug/L	5.0	1.5	1	08/01/17 11:54	08/02/17 14:19	7440-39-3	
Cadmium	**<1.3**	ug/L	5.0	1.3	1	08/01/17 11:54	08/02/17 14:19	7440-43-9	
Chromium	**15.6**	ug/L	10.0	2.5	1	08/01/17 11:54	08/02/17 14:19	7440-47-3	
Lead	**20.5**	ug/L	13.0	4.3	1	08/01/17 11:54	08/02/17 14:19	7439-92-1	
Selenium	**<16.6**	ug/L	50.0	16.6	1	08/01/17 11:54	08/02/17 14:19	7782-49-2	
Silver	**<3.3**	ug/L	10.0	3.3	1	08/01/17 11:54	08/02/17 14:19	7440-22-4	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**<0.13**	ug/L	0.42	0.13	1	08/03/17 13:00	08/04/17 09:36	7439-97-6	
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510								
1,2,4-Trichlorobenzene	**<1.9**	ug/L	6.5	1.9	1	08/03/17 08:01	08/03/17 16:44	120-82-1	
1,2-Dichlorobenzene	**<1.8**	ug/L	6.1	1.8	1	08/03/17 08:01	08/03/17 16:44	95-50-1	
1,3-Dichlorobenzene	**<1.8**	ug/L	6.0	1.8	1	08/03/17 08:01	08/03/17 16:44	541-73-1	
1,4-Dichlorobenzene	**<1.8**	ug/L	6.0	1.8	1	08/03/17 08:01	08/03/17 16:44	106-46-7	
2,2'-Oxybis(1-chloropropane)	**<1.5**	ug/L	4.8	1.5	1	08/03/17 08:01	08/03/17 16:44	108-60-1	
2,4,5-Trichlorophenol	**<0.80**	ug/L	2.7	0.80	1	08/03/17 08:01	08/03/17 16:44	95-95-4	
2,4,6-Trichlorophenol	**<2.0**	ug/L	6.7	2.0	1	08/03/17 08:01	08/03/17 16:44	88-06-2	
2,4-Dichlorophenol	**<1.3**	ug/L	4.3	1.3	1	08/03/17 08:01	08/03/17 16:44	120-83-2	
2,4-Dimethylphenol	**<1.2**	ug/L	4.0	1.2	1	08/03/17 08:01	08/03/17 16:44	105-67-9	
2,4-Dinitrophenol	**<0.68**	ug/L	2.3	0.68	1	08/03/17 08:01	08/03/17 16:44	51-28-5	
2,4-Dinitrotoluene	**<0.75**	ug/L	2.5	0.75	1	08/03/17 08:01	08/03/17 16:44	121-14-2	
2,6-Dinitrotoluene	**<0.57**	ug/L	1.9	0.57	1	08/03/17 08:01	08/03/17 16:44	606-20-2	
2-Chloronaphthalene	**<1.6**	ug/L	5.2	1.6	1	08/03/17 08:01	08/03/17 16:44	91-58-7	
2-Chlorophenol	**<1.1**	ug/L	3.7	1.1	1	08/03/17 08:01	08/03/17 16:44	95-57-8	
2-Methylnaphthalene	**<1.4**	ug/L	4.8	1.4	1	08/03/17 08:01	08/03/17 16:44	91-57-6	
2-Methylphenol(o-Cresol)	**<0.83**	ug/L	2.8	0.83	1	08/03/17 08:01	08/03/17 16:44	95-48-7	
2-Nitroaniline	**<0.74**	ug/L	2.5	0.74	1	08/03/17 08:01	08/03/17 16:44	88-74-4	
2-Nitrophenol	**<1.1**	ug/L	3.7	1.1	1	08/03/17 08:01	08/03/17 16:44	88-75-5	
3&4-Methylphenol(m&p Cresol)	**<1.5**	ug/L	5.0	1.5	1	08/03/17 08:01	08/03/17 16:44		
3,3'-Dichlorobenzidine	**<0.86**	ug/L	2.9	0.86	1	08/03/17 08:01	08/03/17 16:44	91-94-1	
3-Nitroaniline	**<0.92**	ug/L	3.1	0.92	1	08/03/17 08:01	08/03/17 16:44	99-09-2	
4,6-Dinitro-2-methylphenol	**<0.62**	ug/L	2.1	0.62	1	08/03/17 08:01	08/03/17 16:44	534-52-1	
4-Bromophenylphenyl ether	**<1.9**	ug/L	6.3	1.9	1	08/03/17 08:01	08/03/17 16:44	101-55-3	
4-Chloro-3-methylphenol	**<1.6**	ug/L	5.4	1.6	1	08/03/17 08:01	08/03/17 16:44	59-50-7	
4-Chloroaniline	**<1.0**	ug/L	3.5	1.0	1	08/03/17 08:01	08/03/17 16:44	106-47-8	
4-Chlorophenylphenyl ether	**<0.78**	ug/L	2.6	0.78	1	08/03/17 08:01	08/03/17 16:44	7005-72-3	
4-Nitroaniline	**<1.7**	ug/L	5.8	1.7	1	08/03/17 08:01	08/03/17 16:44	100-01-6	
4-Nitrophenol	**<1.0**	ug/L	3.3	1.0	1	08/03/17 08:01	08/03/17 16:44	100-02-7	
Acenaphthene	**<1.3**	ug/L	4.3	1.3	1	08/03/17 08:01	08/03/17 16:44	83-32-9	
Acenaphthylene	**<1.0**	ug/L	3.4	1.0	1	08/03/17 08:01	08/03/17 16:44	208-96-8	
Anthracene	**<1.7**	ug/L	5.7	1.7	1	08/03/17 08:01	08/03/17 16:44	120-12-7	
Benzo(a)anthracene	**<0.51**	ug/L	1.7	0.51	1	08/03/17 08:01	08/03/17 16:44	56-55-3	
Benzo(a)pyrene	**<1.8**	ug/L	6.0	1.8	1	08/03/17 08:01	08/03/17 16:44	50-32-8	
Benzo(b)fluoranthene	**<0.62**	ug/L	2.1	0.62	1	08/03/17 08:01	08/03/17 16:44	205-99-2	

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ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154013

Sample: SB-35-S **Lab ID: 40154013011** Collected: 07/27/17 11:25 Received: 07/28/17 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510								
Benzo(g,h,i)perylene	**<0.77**	ug/L	2.6	0.77	1	08/03/17 08:01	08/03/17 16:44	191-24-2	
Benzo(k)fluoranthene	**<0.95**	ug/L	3.2	0.95	1	08/03/17 08:01	08/03/17 16:44	207-08-9	
Butylbenzylphthalate	**<0.74**	ug/L	2.5	0.74	1	08/03/17 08:01	08/03/17 16:44	85-68-7	
Carbazole	**<0.71**	ug/L	2.4	0.71	1	08/03/17 08:01	08/03/17 16:44	86-74-8	
Chrysene	**<1.7**	ug/L	5.5	1.7	1	08/03/17 08:01	08/03/17 16:44	218-01-9	
Di-n-butylphthalate	**<2.4**	ug/L	8.1	2.4	1	08/03/17 08:01	08/03/17 16:44	84-74-2	
Di-n-octylphthalate	**<1.8**	ug/L	6.0	1.8	1	08/03/17 08:01	08/03/17 16:44	117-84-0	
Dibenz(a,h)anthracene	**<1.3**	ug/L	4.2	1.3	1	08/03/17 08:01	08/03/17 16:44	53-70-3	
Dibenzofuran	**<0.73**	ug/L	2.4	0.73	1	08/03/17 08:01	08/03/17 16:44	132-64-9	
Diethylphthalate	**<1.0**	ug/L	3.4	1.0	1	08/03/17 08:01	08/03/17 16:44	84-66-2	
Dimethylphthalate	**<1.8**	ug/L	6.1	1.8	1	08/03/17 08:01	08/03/17 16:44	131-11-3	
Fluoranthene	**<0.54**	ug/L	1.8	0.54	1	08/03/17 08:01	08/03/17 16:44	206-44-0	
Fluorene	**<0.71**	ug/L	2.4	0.71	1	08/03/17 08:01	08/03/17 16:44	86-73-7	
Hexachloro-1,3-butadiene	**<2.3**	ug/L	7.8	2.3	1	08/03/17 08:01	08/03/17 16:44	87-68-3	
Hexachlorobenzene	**<1.6**	ug/L	5.4	1.6	1	08/03/17 08:01	08/03/17 16:44	118-74-1	
Hexachlorocyclopentadiene	**<0.65**	ug/L	2.2	0.65	1	08/03/17 08:01	08/03/17 16:44	77-47-4	
Hexachloroethane	**<2.5**	ug/L	8.4	2.5	1	08/03/17 08:01	08/03/17 16:44	67-72-1	
Indeno(1,2,3-cd)pyrene	**<1.4**	ug/L	4.8	1.4	1	08/03/17 08:01	08/03/17 16:44	193-39-5	
Isophorone	**<0.70**	ug/L	2.3	0.70	1	08/03/17 08:01	08/03/17 16:44	78-59-1	
N-Nitroso-di-n-propylamine	**<0.92**	ug/L	3.1	0.92	1	08/03/17 08:01	08/03/17 16:44	621-64-7	
N-Nitrosodiphenylamine	**<3.4**	ug/L	11.2	3.4	1	08/03/17 08:01	08/03/17 16:44	86-30-6	
Naphthalene	**<1.8**	ug/L	6.0	1.8	1	08/03/17 08:01	08/03/17 16:44	91-20-3	
Nitrobenzene	**<1.4**	ug/L	4.6	1.4	1	08/03/17 08:01	08/03/17 16:44	98-95-3	
Pentachlorophenol	**<1.4**	ug/L	4.6	1.4	1	08/03/17 08:01	08/03/17 16:44	87-86-5	
Phenanthrene	**<1.7**	ug/L	5.8	1.7	1	08/03/17 08:01	08/03/17 16:44	85-01-8	
Phenol	**<0.57**	ug/L	1.9	0.57	1	08/03/17 08:01	08/03/17 16:44	108-95-2	
Pyrene	**<1.3**	ug/L	4.3	1.3	1	08/03/17 08:01	08/03/17 16:44	129-00-0	
bis(2-Chloroethoxy)methane	**<0.95**	ug/L	3.2	0.95	1	08/03/17 08:01	08/03/17 16:44	111-91-1	
bis(2-Chloroethyl) ether	**<1.5**	ug/L	5.0	1.5	1	08/03/17 08:01	08/03/17 16:44	111-44-4	
bis(2-Ethylhexyl)phthalate	**<0.66**	ug/L	2.2	0.66	1	08/03/17 08:01	08/03/17 16:44	117-81-7	
Surrogates									
Nitrobenzene-d5 (S)	90	%	53-100		1	08/03/17 08:01	08/03/17 16:44	4165-60-0	
2-Fluorobiphenyl (S)	75	%	59-109		1	08/03/17 08:01	08/03/17 16:44	321-60-8	
Terphenyl-d14 (S)	93	%	59-108		1	08/03/17 08:01	08/03/17 16:44	1718-51-0	
Phenol-d6 (S)	34	%	18-120		1	08/03/17 08:01	08/03/17 16:44	13127-88-3	
2-Fluorophenol (S)	54	%	27-67		1	08/03/17 08:01	08/03/17 16:44	367-12-4	
2,4,6-Tribromophenol (S)	108	%	65-140		1	08/03/17 08:01	08/03/17 16:44	118-79-6	
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<0.50**	ug/L	1.0	0.50	1		07/31/17 19:43	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		07/31/17 19:43	108-86-1	
Bromochloromethane	**<0.34**	ug/L	1.0	0.34	1		07/31/17 19:43	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		07/31/17 19:43	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		07/31/17 19:43	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		07/31/17 19:43	74-83-9	
n-Butylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/31/17 19:43	104-51-8	

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ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154013

Sample: SB-35-S **Lab ID: 40154013011** Collected: 07/27/17 11:25 Received: 07/28/17 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		07/31/17 19:43	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		07/31/17 19:43	98-06-6	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		07/31/17 19:43	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/31/17 19:43	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		07/31/17 19:43	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		07/31/17 19:43	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		07/31/17 19:43	74-87-3	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		07/31/17 19:43	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		07/31/17 19:43	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		07/31/17 19:43	96-12-8	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		07/31/17 19:43	124-48-1	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		07/31/17 19:43	106-93-4	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		07/31/17 19:43	74-95-3	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/31/17 19:43	95-50-1	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/31/17 19:43	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/31/17 19:43	106-46-7	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		07/31/17 19:43	75-71-8	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		07/31/17 19:43	75-34-3	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		07/31/17 19:43	107-06-2	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		07/31/17 19:43	75-35-4	
cis-1,2-Dichloroethene	**0.70J**	ug/L	1.0	0.26	1		07/31/17 19:43	156-59-2	
trans-1,2-Dichloroethene	**0.75J**	ug/L	1.0	0.26	1		07/31/17 19:43	156-60-5	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		07/31/17 19:43	78-87-5	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		07/31/17 19:43	142-28-9	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		07/31/17 19:43	594-20-7	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		07/31/17 19:43	563-58-6	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		07/31/17 19:43	10061-01-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		07/31/17 19:43	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		07/31/17 19:43	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/31/17 19:43	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		07/31/17 19:43	87-68-3	
Isopropylbenzene (Cumene)	**<0.14**	ug/L	1.0	0.14	1		07/31/17 19:43	98-82-8	
p-Isopropyltoluene	**<0.50**	ug/L	1.0	0.50	1		07/31/17 19:43	99-87-6	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		07/31/17 19:43	75-09-2	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		07/31/17 19:43	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		07/31/17 19:43	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/31/17 19:43	103-65-1	
Styrene	**<0.50**	ug/L	1.0	0.50	1		07/31/17 19:43	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		07/31/17 19:43	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.25**	ug/L	1.0	0.25	1		07/31/17 19:43	79-34-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		07/31/17 19:43	127-18-4	
Toluene	**<0.50**	ug/L	1.0	0.50	1		07/31/17 19:43	108-88-3	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		07/31/17 19:43	87-61-6	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		07/31/17 19:43	120-82-1	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		07/31/17 19:43	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		07/31/17 19:43	79-00-5	

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ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154013

Sample: SB-35-S **Lab ID: 40154013011** Collected: 07/27/17 11:25 Received: 07/28/17 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		07/31/17 19:43	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		07/31/17 19:43	75-69-4	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		07/31/17 19:43	96-18-4	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/31/17 19:43	95-63-6	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/31/17 19:43	108-67-8	
Vinyl chloride	**0.48J**	ug/L	1.0	0.18	1		07/31/17 19:43	75-01-4	
m&p-Xylene	**<1.0**	ug/L	2.0	1.0	1		07/31/17 19:43	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		07/31/17 19:43	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	89	%	61-130		1		07/31/17 19:43	460-00-4	
Dibromofluoromethane (S)	107	%	67-130		1		07/31/17 19:43	1868-53-7	
Toluene-d8 (S)	96	%	70-130		1		07/31/17 19:43	2037-26-5	

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ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154013

Sample: SB-36-S **Lab ID: 40154013012** Collected: 07/27/17 12:05 Received: 07/28/17 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**36.2**	ug/L	25.0	8.3	1	08/01/17 11:54	08/02/17 14:22	7440-38-2	
Barium	**288**	ug/L	5.0	1.5	1	08/01/17 11:54	08/02/17 14:22	7440-39-3	
Cadmium	**<1.3**	ug/L	5.0	1.3	1	08/01/17 11:54	08/02/17 14:22	7440-43-9	
Chromium	**58.0**	ug/L	10.0	2.5	1	08/01/17 11:54	08/02/17 14:22	7440-47-3	
Lead	**21.6**	ug/L	13.0	4.3	1	08/01/17 11:54	08/02/17 14:22	7439-92-1	
Selenium	**<16.6**	ug/L	50.0	16.6	1	08/01/17 11:54	08/02/17 14:22	7782-49-2	
Silver	**<3.3**	ug/L	10.0	3.3	1	08/01/17 11:54	08/02/17 14:22	7440-22-4	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.18J**	ug/L	0.42	0.13	1	08/03/17 13:00	08/04/17 09:38	7439-97-6	
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510								
1,2,4-Trichlorobenzene	**<1.9**	ug/L	6.5	1.9	1	08/03/17 08:01	08/03/17 17:05	120-82-1	
1,2-Dichlorobenzene	**<1.8**	ug/L	6.1	1.8	1	08/03/17 08:01	08/03/17 17:05	95-50-1	
1,3-Dichlorobenzene	**<1.8**	ug/L	6.0	1.8	1	08/03/17 08:01	08/03/17 17:05	541-73-1	
1,4-Dichlorobenzene	**<1.8**	ug/L	6.0	1.8	1	08/03/17 08:01	08/03/17 17:05	106-46-7	
2,2'-Oxybis(1-chloropropane)	**<1.5**	ug/L	4.8	1.5	1	08/03/17 08:01	08/03/17 17:05	108-60-1	
2,4,5-Trichlorophenol	**<0.80**	ug/L	2.7	0.80	1	08/03/17 08:01	08/03/17 17:05	95-95-4	
2,4,6-Trichlorophenol	**<2.0**	ug/L	6.7	2.0	1	08/03/17 08:01	08/03/17 17:05	88-06-2	
2,4-Dichlorophenol	**<1.3**	ug/L	4.3	1.3	1	08/03/17 08:01	08/03/17 17:05	120-83-2	
2,4-Dimethylphenol	**<1.2**	ug/L	4.0	1.2	1	08/03/17 08:01	08/03/17 17:05	105-67-9	
2,4-Dinitrophenol	**<0.68**	ug/L	2.3	0.68	1	08/03/17 08:01	08/03/17 17:05	51-28-5	
2,4-Dinitrotoluene	**<0.75**	ug/L	2.5	0.75	1	08/03/17 08:01	08/03/17 17:05	121-14-2	
2,6-Dinitrotoluene	**<0.57**	ug/L	1.9	0.57	1	08/03/17 08:01	08/03/17 17:05	606-20-2	
2-Chloronaphthalene	**<1.6**	ug/L	5.2	1.6	1	08/03/17 08:01	08/03/17 17:05	91-58-7	
2-Chlorophenol	**<1.1**	ug/L	3.7	1.1	1	08/03/17 08:01	08/03/17 17:05	95-57-8	
2-Methylnaphthalene	**<1.4**	ug/L	4.8	1.4	1	08/03/17 08:01	08/03/17 17:05	91-57-6	
2-Methylphenol(o-Cresol)	**<0.83**	ug/L	2.8	0.83	1	08/03/17 08:01	08/03/17 17:05	95-48-7	
2-Nitroaniline	**<0.74**	ug/L	2.5	0.74	1	08/03/17 08:01	08/03/17 17:05	88-74-4	
2-Nitrophenol	**<1.1**	ug/L	3.7	1.1	1	08/03/17 08:01	08/03/17 17:05	88-75-5	
3&4-Methylphenol(m&p Cresol)	**<1.5**	ug/L	5.0	1.5	1	08/03/17 08:01	08/03/17 17:05		
3,3'-Dichlorobenzidine	**<0.86**	ug/L	2.9	0.86	1	08/03/17 08:01	08/03/17 17:05	91-94-1	
3-Nitroaniline	**<0.92**	ug/L	3.1	0.92	1	08/03/17 08:01	08/03/17 17:05	99-09-2	
4,6-Dinitro-2-methylphenol	**<0.62**	ug/L	2.1	0.62	1	08/03/17 08:01	08/03/17 17:05	534-52-1	
4-Bromophenylphenyl ether	**<1.9**	ug/L	6.3	1.9	1	08/03/17 08:01	08/03/17 17:05	101-55-3	
4-Chloro-3-methylphenol	**<1.6**	ug/L	5.4	1.6	1	08/03/17 08:01	08/03/17 17:05	59-50-7	
4-Chloroaniline	**<1.0**	ug/L	3.5	1.0	1	08/03/17 08:01	08/03/17 17:05	106-47-8	
4-Chlorophenylphenyl ether	**<0.78**	ug/L	2.6	0.78	1	08/03/17 08:01	08/03/17 17:05	7005-72-3	
4-Nitroaniline	**<1.7**	ug/L	5.8	1.7	1	08/03/17 08:01	08/03/17 17:05	100-01-6	
4-Nitrophenol	**<1.0**	ug/L	3.3	1.0	1	08/03/17 08:01	08/03/17 17:05	100-02-7	
Acenaphthene	**<1.3**	ug/L	4.3	1.3	1	08/03/17 08:01	08/03/17 17:05	83-32-9	
Acenaphthylene	**<1.0**	ug/L	3.4	1.0	1	08/03/17 08:01	08/03/17 17:05	208-96-8	
Anthracene	**<1.7**	ug/L	5.7	1.7	1	08/03/17 08:01	08/03/17 17:05	120-12-7	
Benzo(a)anthracene	**<0.51**	ug/L	1.7	0.51	1	08/03/17 08:01	08/03/17 17:05	56-55-3	
Benzo(a)pyrene	**<1.8**	ug/L	6.0	1.8	1	08/03/17 08:01	08/03/17 17:05	50-32-8	
Benzo(b)fluoranthene	**<0.62**	ug/L	2.1	0.62	1	08/03/17 08:01	08/03/17 17:05	205-99-2	

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ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154013

Sample: SB-36-S **Lab ID: 40154013012** Collected: 07/27/17 12:05 Received: 07/28/17 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510								
Benzo(g,h,i)perylene	**<0.77**	ug/L	2.6	0.77	1	08/03/17 08:01	08/03/17 17:05	191-24-2	
Benzo(k)fluoranthene	**<0.95**	ug/L	3.2	0.95	1	08/03/17 08:01	08/03/17 17:05	207-08-9	
Butylbenzylphthalate	**<0.74**	ug/L	2.5	0.74	1	08/03/17 08:01	08/03/17 17:05	85-68-7	
Carbazole	**<0.71**	ug/L	2.4	0.71	1	08/03/17 08:01	08/03/17 17:05	86-74-8	
Chrysene	**<1.7**	ug/L	5.5	1.7	1	08/03/17 08:01	08/03/17 17:05	218-01-9	
Di-n-butylphthalate	**<2.4**	ug/L	8.1	2.4	1	08/03/17 08:01	08/03/17 17:05	84-74-2	
Di-n-octylphthalate	**<1.8**	ug/L	6.0	1.8	1	08/03/17 08:01	08/03/17 17:05	117-84-0	
Dibenz(a,h)anthracene	**<1.3**	ug/L	4.2	1.3	1	08/03/17 08:01	08/03/17 17:05	53-70-3	
Dibenzofuran	**<0.73**	ug/L	2.4	0.73	1	08/03/17 08:01	08/03/17 17:05	132-64-9	
Diethylphthalate	**<1.0**	ug/L	3.4	1.0	1	08/03/17 08:01	08/03/17 17:05	84-66-2	
Dimethylphthalate	**<1.8**	ug/L	6.1	1.8	1	08/03/17 08:01	08/03/17 17:05	131-11-3	
Fluoranthene	**<0.54**	ug/L	1.8	0.54	1	08/03/17 08:01	08/03/17 17:05	206-44-0	
Fluorene	**<0.71**	ug/L	2.4	0.71	1	08/03/17 08:01	08/03/17 17:05	86-73-7	
Hexachloro-1,3-butadiene	**<2.3**	ug/L	7.8	2.3	1	08/03/17 08:01	08/03/17 17:05	87-68-3	
Hexachlorobenzene	**<1.6**	ug/L	5.4	1.6	1	08/03/17 08:01	08/03/17 17:05	118-74-1	
Hexachlorocyclopentadiene	**<0.65**	ug/L	2.2	0.65	1	08/03/17 08:01	08/03/17 17:05	77-47-4	
Hexachloroethane	**<2.5**	ug/L	8.4	2.5	1	08/03/17 08:01	08/03/17 17:05	67-72-1	
Indeno(1,2,3-cd)pyrene	**<1.4**	ug/L	4.8	1.4	1	08/03/17 08:01	08/03/17 17:05	193-39-5	
Isophorone	**<0.70**	ug/L	2.3	0.70	1	08/03/17 08:01	08/03/17 17:05	78-59-1	
N-Nitroso-di-n-propylamine	**<0.92**	ug/L	3.1	0.92	1	08/03/17 08:01	08/03/17 17:05	621-64-7	
N-Nitrosodiphenylamine	**<3.4**	ug/L	11.2	3.4	1	08/03/17 08:01	08/03/17 17:05	86-30-6	
Naphthalene	**<1.8**	ug/L	6.0	1.8	1	08/03/17 08:01	08/03/17 17:05	91-20-3	
Nitrobenzene	**<1.4**	ug/L	4.6	1.4	1	08/03/17 08:01	08/03/17 17:05	98-95-3	
Pentachlorophenol	**<1.4**	ug/L	4.6	1.4	1	08/03/17 08:01	08/03/17 17:05	87-86-5	
Phenanthrene	**<1.7**	ug/L	5.8	1.7	1	08/03/17 08:01	08/03/17 17:05	85-01-8	
Phenol	**<0.57**	ug/L	1.9	0.57	1	08/03/17 08:01	08/03/17 17:05	108-95-2	
Pyrene	**<1.3**	ug/L	4.3	1.3	1	08/03/17 08:01	08/03/17 17:05	129-00-0	
bis(2-Chloroethoxy)methane	**<0.95**	ug/L	3.2	0.95	1	08/03/17 08:01	08/03/17 17:05	111-91-1	
bis(2-Chloroethyl) ether	**<1.5**	ug/L	5.0	1.5	1	08/03/17 08:01	08/03/17 17:05	111-44-4	
bis(2-Ethylhexyl)phthalate	**<0.66**	ug/L	2.2	0.66	1	08/03/17 08:01	08/03/17 17:05	117-81-7	
Surrogates									
Nitrobenzene-d5 (S)	72	%	53-100		1	08/03/17 08:01	08/03/17 17:05	4165-60-0	
2-Fluorobiphenyl (S)	35	%	59-109		1	08/03/17 08:01	08/03/17 17:05	321-60-8	S0
Terphenyl-d14 (S)	94	%	59-108		1	08/03/17 08:01	08/03/17 17:05	1718-51-0	
Phenol-d6 (S)	31	%	18-120		1	08/03/17 08:01	08/03/17 17:05	13127-88-3	
2-Fluorophenol (S)	46	%	27-67		1	08/03/17 08:01	08/03/17 17:05	367-12-4	
2,4,6-Tribromophenol (S)	53	%	65-140		1	08/03/17 08:01	08/03/17 17:05	118-79-6	S0
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<0.50**	ug/L	1.0	0.50	1		07/31/17 20:05	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		07/31/17 20:05	108-86-1	
Bromochloromethane	**<0.34**	ug/L	1.0	0.34	1		07/31/17 20:05	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		07/31/17 20:05	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		07/31/17 20:05	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		07/31/17 20:05	74-83-9	
n-Butylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/31/17 20:05	104-51-8	

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ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154013

Sample: SB-36-S **Lab ID: 40154013012** Collected: 07/27/17 12:05 Received: 07/28/17 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		07/31/17 20:05	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		07/31/17 20:05	98-06-6	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		07/31/17 20:05	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/31/17 20:05	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		07/31/17 20:05	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		07/31/17 20:05	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		07/31/17 20:05	74-87-3	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		07/31/17 20:05	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		07/31/17 20:05	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		07/31/17 20:05	96-12-8	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		07/31/17 20:05	124-48-1	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		07/31/17 20:05	106-93-4	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		07/31/17 20:05	74-95-3	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/31/17 20:05	95-50-1	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/31/17 20:05	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/31/17 20:05	106-46-7	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		07/31/17 20:05	75-71-8	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		07/31/17 20:05	75-34-3	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		07/31/17 20:05	107-06-2	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		07/31/17 20:05	75-35-4	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		07/31/17 20:05	156-59-2	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		07/31/17 20:05	156-60-5	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		07/31/17 20:05	78-87-5	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		07/31/17 20:05	142-28-9	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		07/31/17 20:05	594-20-7	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		07/31/17 20:05	563-58-6	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		07/31/17 20:05	10061-01-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		07/31/17 20:05	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		07/31/17 20:05	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/31/17 20:05	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		07/31/17 20:05	87-68-3	
Isopropylbenzene (Cumene)	**<0.14**	ug/L	1.0	0.14	1		07/31/17 20:05	98-82-8	
p-Isopropyltoluene	**<0.50**	ug/L	1.0	0.50	1		07/31/17 20:05	99-87-6	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		07/31/17 20:05	75-09-2	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		07/31/17 20:05	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		07/31/17 20:05	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/31/17 20:05	103-65-1	
Styrene	**<0.50**	ug/L	1.0	0.50	1		07/31/17 20:05	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		07/31/17 20:05	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.25**	ug/L	1.0	0.25	1		07/31/17 20:05	79-34-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		07/31/17 20:05	127-18-4	
Toluene	**<0.50**	ug/L	1.0	0.50	1		07/31/17 20:05	108-88-3	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		07/31/17 20:05	87-61-6	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		07/31/17 20:05	120-82-1	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		07/31/17 20:05	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		07/31/17 20:05	79-00-5	

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ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154013

Sample: SB-36-S **Lab ID: 40154013012** Collected: 07/27/17 12:05 Received: 07/28/17 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		07/31/17 20:05	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		07/31/17 20:05	75-69-4	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		07/31/17 20:05	96-18-4	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/31/17 20:05	95-63-6	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/31/17 20:05	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		07/31/17 20:05	75-01-4	
m&p-Xylene	**<1.0**	ug/L	2.0	1.0	1		07/31/17 20:05	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		07/31/17 20:05	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	90	%	61-130		1		07/31/17 20:05	460-00-4	
Dibromofluoromethane (S)	113	%	67-130		1		07/31/17 20:05	1868-53-7	
Toluene-d8 (S)	96	%	70-130		1		07/31/17 20:05	2037-26-5	

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ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154013

Sample: SB-35, 3.5-4.5 **Lab ID: 40154013013** Collected: 07/27/17 10:45 Received: 07/28/17 09:35 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB	Analytical Method: EPA 8082 Preparation Method: EPA 3541								
PCB-1016 (Aroclor 1016)	**<40.1**	ug/kg	80.2	40.1	1	08/01/17 12:31	08/02/17 18:48	12674-11-2	
PCB-1221 (Aroclor 1221)	**<40.1**	ug/kg	80.2	40.1	1	08/01/17 12:31	08/02/17 18:48	11104-28-2	
PCB-1232 (Aroclor 1232)	**<40.1**	ug/kg	80.2	40.1	1	08/01/17 12:31	08/02/17 18:48	11141-16-5	
PCB-1242 (Aroclor 1242)	**<40.1**	ug/kg	80.2	40.1	1	08/01/17 12:31	08/02/17 18:48	53469-21-9	
PCB-1248 (Aroclor 1248)	**<40.1**	ug/kg	80.2	40.1	1	08/01/17 12:31	08/02/17 18:48	12672-29-6	
PCB-1254 (Aroclor 1254)	**<40.1**	ug/kg	80.2	40.1	1	08/01/17 12:31	08/02/17 18:48	11097-69-1	
PCB-1260 (Aroclor 1260)	**<40.1**	ug/kg	80.2	40.1	1	08/01/17 12:31	08/02/17 18:48	11096-82-5	
PCB, Total	**<40.1**	ug/kg	80.2	40.1	1	08/01/17 12:31	08/02/17 18:48	1336-36-3	
Surrogates									
Tetrachloro-m-xylene (S)	57	%	50-102		1	08/01/17 12:31	08/02/17 18:48	877-09-8	
Decachlorobiphenyl (S)	70	%	53-105		1	08/01/17 12:31	08/02/17 18:48	2051-24-3	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050								
Arsenic	**13.0**	mg/kg	7.6	1.6	1	08/02/17 14:07	08/04/17 10:31	7440-38-2	
Barium	**90.4**	mg/kg	0.76	0.23	1	08/02/17 14:07	08/04/17 10:31	7440-39-3	
Cadmium	**0.79**	mg/kg	0.76	0.20	1	08/02/17 14:07	08/04/17 10:31	7440-43-9	
Chromium	**19.0**	mg/kg	1.5	0.42	1	08/02/17 14:07	08/04/17 10:31	7440-47-3	
Lead	**18.1**	mg/kg	2.0	0.66	1	08/02/17 14:07	08/04/17 10:31	7439-92-1	
Selenium	**<1.7**	mg/kg	7.6	1.7	1	08/02/17 14:07	08/04/17 10:31	7782-49-2	
Silver	**1.2J**	mg/kg	1.5	0.52	1	08/02/17 14:07	08/04/17 10:31	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471								
Mercury	**0.080**	mg/kg	0.057	0.017	1	08/11/17 06:31	08/11/17 12:43	7439-97-6	
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546								
1,2,4-Trichlorobenzene	**<30.3**	ug/kg	101	30.3	1	07/31/17 11:15	07/31/17 18:22	120-82-1	
1,2-Dichlorobenzene	**<84.3**	ug/kg	281	84.3	1	07/31/17 11:15	07/31/17 18:22	95-50-1	
1,3-Dichlorobenzene	**<37.1**	ug/kg	124	37.1	1	07/31/17 11:15	07/31/17 18:22	541-73-1	
1,4-Dichlorobenzene	**<37.4**	ug/kg	125	37.4	1	07/31/17 11:15	07/31/17 18:22	106-46-7	
2,2'-Oxybis(1-chloropropane)	**<69.2**	ug/kg	231	69.2	1	07/31/17 11:15	07/31/17 18:22	108-60-1	
2,4,5-Trichlorophenol	**<47.4**	ug/kg	158	47.4	1	07/31/17 11:15	07/31/17 18:22	95-95-4	
2,4,6-Trichlorophenol	**<40.9**	ug/kg	136	40.9	1	07/31/17 11:15	07/31/17 18:22	88-06-2	
2,4-Dichlorophenol	**<71.7**	ug/kg	239	71.7	1	07/31/17 11:15	07/31/17 18:22	120-83-2	
2,4-Dimethylphenol	**<53.0**	ug/kg	177	53.0	1	07/31/17 11:15	07/31/17 18:22	105-67-9	
2,4-Dinitrophenol	**<81.7**	ug/kg	272	81.7	1	07/31/17 11:15	07/31/17 18:22	51-28-5	
2,4-Dinitrotoluene	**<38.4**	ug/kg	128	38.4	1	07/31/17 11:15	07/31/17 18:22	121-14-2	
2,6-Dinitrotoluene	**<50.9**	ug/kg	170	50.9	1	07/31/17 11:15	07/31/17 18:22	606-20-2	
2-Chloronaphthalene	**<34.4**	ug/kg	115	34.4	1	07/31/17 11:15	07/31/17 18:22	91-58-7	
2-Chlorophenol	**<66.9**	ug/kg	223	66.9	1	07/31/17 11:15	07/31/17 18:22	95-57-8	
2-Methylnaphthalene	**2430**	ug/kg	232	69.6	1	07/31/17 11:15	07/31/17 18:22	91-57-6	
2-Methylphenol(o-Cresol)	**<48.7**	ug/kg	162	48.7	1	07/31/17 11:15	07/31/17 18:22	95-48-7	
2-Nitroaniline	**<76.4**	ug/kg	255	76.4	1	07/31/17 11:15	07/31/17 18:22	88-74-4	
2-Nitrophenol	**<84.6**	ug/kg	282	84.6	1	07/31/17 11:15	07/31/17 18:22	88-75-5	
3&4-Methylphenol(m&p Cresol)	**<49.1**	ug/kg	164	49.1	1	07/31/17 11:15	07/31/17 18:22		
3,3'-Dichlorobenzidine	**<72.8**	ug/kg	243	72.8	1	07/31/17 11:15	07/31/17 18:22	91-94-1	

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1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154013

Sample: SB-35, 3.5-4.5 **Lab ID: 40154013013** Collected: 07/27/17 10:45 Received: 07/28/17 09:35 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546								
3-Nitroaniline	**<45.6**	ug/kg	152	45.6	1	07/31/17 11:15	07/31/17 18:22	99-09-2	
4,6-Dinitro-2-methylphenol	**<82.7**	ug/kg	276	82.7	1	07/31/17 11:15	07/31/17 18:22	534-52-1	
4-Bromophenylphenyl ether	**<56.2**	ug/kg	187	56.2	1	07/31/17 11:15	07/31/17 18:22	101-55-3	
4-Chloro-3-methylphenol	**<83.4**	ug/kg	278	83.4	1	07/31/17 11:15	07/31/17 18:22	59-50-7	
4-Chloroaniline	**<44.1**	ug/kg	147	44.1	1	07/31/17 11:15	07/31/17 18:22	106-47-8	
4-Chlorophenylphenyl ether	**<49.9**	ug/kg	166	49.9	1	07/31/17 11:15	07/31/17 18:22	7005-72-3	
4-Nitroaniline	**<111**	ug/kg	371	111	1	07/31/17 11:15	07/31/17 18:22	100-01-6	
4-Nitrophenol	**<67.5**	ug/kg	225	67.5	1	07/31/17 11:15	07/31/17 18:22	100-02-7	
Acenaphthene	**1080**	ug/kg	317	95.1	1	07/31/17 11:15	07/31/17 18:22	83-32-9	
Acenaphthylene	**98.3J**	ug/kg	319	95.7	1	07/31/17 11:15	07/31/17 18:22	208-96-8	
Anthracene	**481**	ug/kg	143	42.9	1	07/31/17 11:15	07/31/17 18:22	120-12-7	
Benzo(a)anthracene	**319**	ug/kg	138	41.5	1	07/31/17 11:15	07/31/17 18:22	56-55-3	
Benzo(a)pyrene	**244**	ug/kg	135	40.4	1	07/31/17 11:15	07/31/17 18:22	50-32-8	
Benzo(b)fluoranthene	**219**	ug/kg	154	46.1	1	07/31/17 11:15	07/31/17 18:22	205-99-2	
Benzo(g,h,i)perylene	**144J**	ug/kg	234	70.2	1	07/31/17 11:15	07/31/17 18:22	191-24-2	
Benzo(k)fluoranthene	**92.0J**	ug/kg	214	64.2	1	07/31/17 11:15	07/31/17 18:22	207-08-9	
Butylbenzylphthalate	**<43.0**	ug/kg	143	43.0	1	07/31/17 11:15	07/31/17 18:22	85-68-7	
Carbazole	**<42.0**	ug/kg	140	42.0	1	07/31/17 11:15	07/31/17 18:22	86-74-8	
Chrysene	**372**	ug/kg	134	40.1	1	07/31/17 11:15	07/31/17 18:22	218-01-9	
Di-n-butylphthalate	**<40.1**	ug/kg	134	40.1	1	07/31/17 11:15	07/31/17 18:22	84-74-2	
Di-n-octylphthalate	**<60.3**	ug/kg	201	60.3	1	07/31/17 11:15	07/31/17 18:22	117-84-0	
Dibenz(a,h)anthracene	**<72.8**	ug/kg	243	72.8	1	07/31/17 11:15	07/31/17 18:22	53-70-3	
Dibenzofuran	**113**	ug/kg	108	32.5	1	07/31/17 11:15	07/31/17 18:22	132-64-9	
Diethylphthalate	**<44.5**	ug/kg	148	44.5	1	07/31/17 11:15	07/31/17 18:22	84-66-2	
Dimethylphthalate	**<34.9**	ug/kg	116	34.9	1	07/31/17 11:15	07/31/17 18:22	131-11-3	
Fluoranthene	**677**	ug/kg	126	37.9	1	07/31/17 11:15	07/31/17 18:22	206-44-0	
Fluorene	**581**	ug/kg	104	31.3	1	07/31/17 11:15	07/31/17 18:22	86-73-7	
Hexachloro-1,3-butadiene	**<68.3**	ug/kg	228	68.3	1	07/31/17 11:15	07/31/17 18:22	87-68-3	
Hexachlorobenzene	**<45.1**	ug/kg	150	45.1	1	07/31/17 11:15	07/31/17 18:22	118-74-1	
Hexachlorocyclopentadiene	**<63.5**	ug/kg	212	63.5	1	07/31/17 11:15	07/31/17 18:22	77-47-4	
Hexachloroethane	**<42.9**	ug/kg	143	42.9	1	07/31/17 11:15	07/31/17 18:22	67-72-1	
Indeno(1,2,3-cd)pyrene	**141J**	ug/kg	193	58.0	1	07/31/17 11:15	07/31/17 18:22	193-39-5	
Isophorone	**<41.2**	ug/kg	137	41.2	1	07/31/17 11:15	07/31/17 18:22	78-59-1	
N-Nitroso-di-n-propylamine	**<42.5**	ug/kg	142	42.5	1	07/31/17 11:15	07/31/17 18:22	621-64-7	
N-Nitrosodiphenylamine	**<364**	ug/kg	1210	364	1	07/31/17 11:15	07/31/17 18:22	86-30-6	
Naphthalene	**3420**	ug/kg	313	93.8	1	07/31/17 11:15	07/31/17 18:22	91-20-3	
Nitrobenzene	**<54.4**	ug/kg	181	54.4	1	07/31/17 11:15	07/31/17 18:22	98-95-3	
Pentachlorophenol	**<59.1**	ug/kg	197	59.1	1	07/31/17 11:15	07/31/17 18:22	87-86-5	
Phenanthrene	**1670**	ug/kg	115	34.4	1	07/31/17 11:15	07/31/17 18:22	85-01-8	
Phenol	**73.8J**	ug/kg	212	63.6	1	07/31/17 11:15	07/31/17 18:22	108-95-2	
Pyrene	**882**	ug/kg	198	59.4	1	07/31/17 11:15	07/31/17 18:22	129-00-0	
bis(2-Chloroethoxy)methane	**<72.2**	ug/kg	241	72.2	1	07/31/17 11:15	07/31/17 18:22	111-91-1	
bis(2-Chloroethyl) ether	**<83.7**	ug/kg	279	83.7	1	07/31/17 11:15	07/31/17 18:22	111-44-4	
bis(2-Ethylhexyl)phthalate	**<44.6**	ug/kg	149	44.6	1	07/31/17 11:15	07/31/17 18:22	117-81-7	

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ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154013

Sample: SB-35, 3.5-4.5 **Lab ID: 40154013013** Collected: 07/27/17 10:45 Received: 07/28/17 09:35 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546								
Surrogates									
Nitrobenzene-d5 (S)	52	%	13-114		1	07/31/17 11:15	07/31/17 18:22	4165-60-0	
2-Fluorobiphenyl (S)	56	%	18-127		1	07/31/17 11:15	07/31/17 18:22	321-60-8	
Terphenyl-d14 (S)	61	%	41-109		1	07/31/17 11:15	07/31/17 18:22	1718-51-0	
Phenol-d6 (S)	41	%	30-97		1	07/31/17 11:15	07/31/17 18:22	13127-88-3	
2-Fluorophenol (S)	44	%	16-103		1	07/31/17 11:15	07/31/17 18:22	367-12-4	
2,4,6-Tribromophenol (S)	61	%	13-143		1	07/31/17 11:15	07/31/17 18:22	118-79-6	
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	08/01/17 08:00	08/01/17 16:30	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/01/17 08:00	08/01/17 16:30	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/01/17 08:00	08/01/17 16:30	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/01/17 08:00	08/01/17 16:30	75-27-4	W
Bromoform	**<25.0**	ug/kg	60.0	25.0	1	08/01/17 08:00	08/01/17 16:30	75-25-2	W
Bromomethane	**<69.9**	ug/kg	250	69.9	1	08/01/17 08:00	08/01/17 16:30	74-83-9	W
n-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/01/17 08:00	08/01/17 16:30	104-51-8	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/01/17 08:00	08/01/17 16:30	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/01/17 08:00	08/01/17 16:30	98-06-6	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	08/01/17 08:00	08/01/17 16:30	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/01/17 08:00	08/01/17 16:30	108-90-7	W
Chloroethane	**<67.0**	ug/kg	250	67.0	1	08/01/17 08:00	08/01/17 16:30	75-00-3	W
Chloroform	**<46.4**	ug/kg	250	46.4	1	08/01/17 08:00	08/01/17 16:30	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/01/17 08:00	08/01/17 16:30	74-87-3	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	08/01/17 08:00	08/01/17 16:30	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	08/01/17 08:00	08/01/17 16:30	106-43-4	W
1,2-Dibromo-3-chloropropane	**<91.2**	ug/kg	250	91.2	1	08/01/17 08:00	08/01/17 16:30	96-12-8	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/01/17 08:00	08/01/17 16:30	124-48-1	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	08/01/17 08:00	08/01/17 16:30	106-93-4	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	08/01/17 08:00	08/01/17 16:30	74-95-3	W
1,2-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/01/17 08:00	08/01/17 16:30	95-50-1	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/01/17 08:00	08/01/17 16:30	541-73-1	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/01/17 08:00	08/01/17 16:30	106-46-7	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	08/01/17 08:00	08/01/17 16:30	75-71-8	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/01/17 08:00	08/01/17 16:30	75-34-3	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/01/17 08:00	08/01/17 16:30	107-06-2	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/01/17 08:00	08/01/17 16:30	75-35-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/01/17 08:00	08/01/17 16:30	156-59-2	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/01/17 08:00	08/01/17 16:30	156-60-5	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/01/17 08:00	08/01/17 16:30	78-87-5	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/01/17 08:00	08/01/17 16:30	142-28-9	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/01/17 08:00	08/01/17 16:30	594-20-7	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	08/01/17 08:00	08/01/17 16:30	563-58-6	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	08/01/17 08:00	08/01/17 16:30	10061-01-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	08/01/17 08:00	08/01/17 16:30	10061-02-6	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	08/01/17 08:00	08/01/17 16:30	108-20-3	W

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ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154013

Sample: SB-35, 3.5-4.5 **Lab ID: 40154013013** Collected: 07/27/17 10:45 Received: 07/28/17 09:35 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/01/17 08:00	08/01/17 16:30	100-41-4	W
Hexachloro-1,3-butadiene	**<25.0**	ug/kg	60.0	25.0	1	08/01/17 08:00	08/01/17 16:30	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	08/01/17 08:00	08/01/17 16:30	98-82-8	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	08/01/17 08:00	08/01/17 16:30	99-87-6	W
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	08/01/17 08:00	08/01/17 16:30	75-09-2	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	08/01/17 08:00	08/01/17 16:30	1634-04-4	W
Naphthalene	**<40.0**	ug/kg	250	40.0	1	08/01/17 08:00	08/01/17 16:30	91-20-3	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/01/17 08:00	08/01/17 16:30	103-65-1	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	08/01/17 08:00	08/01/17 16:30	100-42-5	W
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/01/17 08:00	08/01/17 16:30	630-20-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/01/17 08:00	08/01/17 16:30	79-34-5	W
Tetrachloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/01/17 08:00	08/01/17 16:30	127-18-4	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	08/01/17 08:00	08/01/17 16:30	108-88-3	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/01/17 08:00	08/01/17 16:30	87-61-6	W
1,2,4-Trichlorobenzene	**<47.6**	ug/kg	250	47.6	1	08/01/17 08:00	08/01/17 16:30	120-82-1	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/01/17 08:00	08/01/17 16:30	71-55-6	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/01/17 08:00	08/01/17 16:30	79-00-5	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/01/17 08:00	08/01/17 16:30	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	08/01/17 08:00	08/01/17 16:30	75-69-4	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/01/17 08:00	08/01/17 16:30	96-18-4	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/01/17 08:00	08/01/17 16:30	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/01/17 08:00	08/01/17 16:30	108-67-8	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	08/01/17 08:00	08/01/17 16:30	75-01-4	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	08/01/17 08:00	08/01/17 16:30	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	08/01/17 08:00	08/01/17 16:30	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	108	%	68-130		1	08/01/17 08:00	08/01/17 16:30	1868-53-7	
Toluene-d8 (S)	116	%	68-149		1	08/01/17 08:00	08/01/17 16:30	2037-26-5	
4-Bromofluorobenzene (S)	93	%	58-141		1	08/01/17 08:00	08/01/17 16:30	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**37.7**	%	0.10	0.10	1		07/31/17 17:26		

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ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154013

Sample: TB **Lab ID: 40154013014** Collected: 07/27/17 00:00 Received: 07/28/17 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<0.50**	ug/L	1.0	0.50	1		07/31/17 18:59	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		07/31/17 18:59	108-86-1	
Bromochloromethane	**<0.34**	ug/L	1.0	0.34	1		07/31/17 18:59	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		07/31/17 18:59	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		07/31/17 18:59	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		07/31/17 18:59	74-83-9	
n-Butylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/31/17 18:59	104-51-8	
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		07/31/17 18:59	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		07/31/17 18:59	98-06-6	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		07/31/17 18:59	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/31/17 18:59	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		07/31/17 18:59	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		07/31/17 18:59	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		07/31/17 18:59	74-87-3	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		07/31/17 18:59	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		07/31/17 18:59	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		07/31/17 18:59	96-12-8	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		07/31/17 18:59	124-48-1	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		07/31/17 18:59	106-93-4	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		07/31/17 18:59	74-95-3	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/31/17 18:59	95-50-1	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/31/17 18:59	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/31/17 18:59	106-46-7	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		07/31/17 18:59	75-71-8	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		07/31/17 18:59	75-34-3	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		07/31/17 18:59	107-06-2	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		07/31/17 18:59	75-35-4	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		07/31/17 18:59	156-59-2	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		07/31/17 18:59	156-60-5	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		07/31/17 18:59	78-87-5	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		07/31/17 18:59	142-28-9	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		07/31/17 18:59	594-20-7	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		07/31/17 18:59	563-58-6	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		07/31/17 18:59	10061-01-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		07/31/17 18:59	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		07/31/17 18:59	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/31/17 18:59	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		07/31/17 18:59	87-68-3	
Isopropylbenzene (Cumene)	**<0.14**	ug/L	1.0	0.14	1		07/31/17 18:59	98-82-8	
p-Isopropyltoluene	**<0.50**	ug/L	1.0	0.50	1		07/31/17 18:59	99-87-6	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		07/31/17 18:59	75-09-2	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		07/31/17 18:59	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		07/31/17 18:59	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/31/17 18:59	103-65-1	
Styrene	**<0.50**	ug/L	1.0	0.50	1		07/31/17 18:59	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		07/31/17 18:59	630-20-6	

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ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154013

Sample: TB **Lab ID: 40154013014** Collected: 07/27/17 00:00 Received: 07/28/17 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,2,2-Tetrachloroethane	**<0.25**	ug/L	1.0	0.25	1		07/31/17 18:59	79-34-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		07/31/17 18:59	127-18-4	
Toluene	**<0.50**	ug/L	1.0	0.50	1		07/31/17 18:59	108-88-3	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		07/31/17 18:59	87-61-6	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		07/31/17 18:59	120-82-1	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		07/31/17 18:59	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		07/31/17 18:59	79-00-5	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		07/31/17 18:59	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		07/31/17 18:59	75-69-4	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		07/31/17 18:59	96-18-4	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/31/17 18:59	95-63-6	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/31/17 18:59	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		07/31/17 18:59	75-01-4	
m&p-Xylene	**<1.0**	ug/L	2.0	1.0	1		07/31/17 18:59	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		07/31/17 18:59	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	92	%	61-130		1		07/31/17 18:59	460-00-4	
Dibromofluoromethane (S)	105	%	67-130		1		07/31/17 18:59	1868-53-7	
Toluene-d8 (S)	100	%	70-130		1		07/31/17 18:59	2037-26-5	

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QUALITY CONTROL DATA

Project: 0403363 KRAFT
Pace Project No.: 40154013

QC Batch: 263188
QC Batch Method: EPA 5035/5030B
Associated Lab Samples: 40154013013

Analysis Method: EPA 8260
Analysis Description: 8260 MSV Med Level Normal List

METHOD BLANK: 1548616
Matrix: Solid
Associated Lab Samples: 40154013013

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
4-Bromofluorobenzene (S)	%	92	58-141	08/01/17 10:28	
Dibromofluoromethane (S)	%	113	68-130	08/01/17 10:28	
Toluene-d8 (S)	%	114	68-149	08/01/17 10:28	

LABORATORY CONTROL SAMPLE: 1548617

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
4-Bromofluorobenzene (S)	%			93	58-141	
Dibromofluoromethane (S)	%			103	68-130	
Toluene-d8 (S)	%			105	68-149	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1548618 1548619

Parameter	Units	40153949019 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
4-Bromofluorobenzene (S)	%						97	95	58-141			
Dibromofluoromethane (S)	%						113	112	68-130			
Toluene-d8 (S)	%						114	113	68-149			

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QUALITY CONTROL DATA

Project: 0403363 KRAFT
Pace Project No.: 40154013

QC Batch: 262959 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 40154013001, 40154013002, 40154013003, 40154013004, 40154013005, 40154013006, 40154013007, 40154013008, 40154013009, 40154013010, 40154013011, 40154013012, 40154013014

METHOD BLANK: 1547935 Matrix: Water
Associated Lab Samples: 40154013001, 40154013002, 40154013003, 40154013004, 40154013005, 40154013006, 40154013007, 40154013008, 40154013009, 40154013010, 40154013011, 40154013012, 40154013014

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
4-Bromofluorobenzene (S)	%	91	61-130	07/31/17 17:08	
Dibromofluoromethane (S)	%	106	67-130	07/31/17 17:08	
Toluene-d8 (S)	%	97	70-130	07/31/17 17:08	

LABORATORY CONTROL SAMPLE: 1547936

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
4-Bromofluorobenzene (S)	%			97	61-130	
Dibromofluoromethane (S)	%			102	67-130	
Toluene-d8 (S)	%			96	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1548347 1548348

Parameter	Units	40154013010 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
4-Bromofluorobenzene (S)	%						101	101	61-130			
Dibromofluoromethane (S)	%						102	103	67-130			
Toluene-d8 (S)	%						99	98	70-130			

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QUALITY CONTROL DATA

Project: 0403363 KRAFT
Pace Project No.: 40154013

QC Batch: 263201 | Analysis Method: EPA 8082
QC Batch Method: EPA 3541 | Analysis Description: 8082 GCS PCB
Associated Lab Samples: 40154013013

METHOD BLANK: 1548689 | Matrix: Solid
Associated Lab Samples: 40154013013

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Decachlorobiphenyl (S)	%	86	53-105	08/02/17 10:24	
Tetrachloro-m-xylene (S)	%	68	50-102	08/02/17 10:24	

LABORATORY CONTROL SAMPLE: 1548690

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Decachlorobiphenyl (S)	%			85	53-105	
Tetrachloro-m-xylene (S)	%			71	50-102	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1548691 1548692

Parameter	Units	40154096008 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Decachlorobiphenyl (S)	%						69	64	53-105			
Tetrachloro-m-xylene (S)	%						53	48	50-102			S0

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 0403363 KRAFT
Pace Project No.: 40154013

QC Batch: 262984
QC Batch Method: EPA 3546
Associated Lab Samples: 40154013013

Analysis Method: EPA 8270
Analysis Description: 8270 Solid MSSV Microwave

METHOD BLANK: 1548004
Matrix: Solid
Associated Lab Samples: 40154013013

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
2,4,6-Tribromophenol (S)	%	75	13-143	07/31/17 12:14	
2-Fluorobiphenyl (S)	%	80	18-127	07/31/17 12:14	
2-Fluorophenol (S)	%	74	16-103	07/31/17 12:14	
Nitrobenzene-d5 (S)	%	73	13-114	07/31/17 12:14	
Phenol-d6 (S)	%	73	30-97	07/31/17 12:14	
Terphenyl-d14 (S)	%	95	41-109	07/31/17 12:14	

LABORATORY CONTROL SAMPLE: 1548005

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2,4,6-Tribromophenol (S)	%			88	13-143	
2-Fluorobiphenyl (S)	%			83	18-127	
2-Fluorophenol (S)	%			66	16-103	
Nitrobenzene-d5 (S)	%			78	13-114	
Phenol-d6 (S)	%			74	30-97	
Terphenyl-d14 (S)	%			91	41-109	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1548006 1548007

Parameter	Units	40153727004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
2,4,6-Tribromophenol (S)	%						81	90	13-143			
2-Fluorophenol (S)	%						67	61	16-103			
Phenol-d6 (S)	%						64	64	30-97			

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QUALITY CONTROL DATA

Project: 0403363 KRAFT
Pace Project No.: 40154013

QC Batch: 263151 | Analysis Method: EPA 8270
QC Batch Method: EPA 3510 | Analysis Description: 8270 Water MSSV
Associated Lab Samples: 40154013001, 40154013002, 40154013003, 40154013004, 40154013005, 40154013006, 40154013007

METHOD BLANK: 1548459 | Matrix: Water
Associated Lab Samples: 40154013001, 40154013002, 40154013003, 40154013004, 40154013005, 40154013006, 40154013007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
2,4,6-Tribromophenol (S)	%	101	65-140	08/01/17 13:30	
2-Fluorobiphenyl (S)	%	72	59-109	08/01/17 13:30	
2-Fluorophenol (S)	%	53	27-67	08/01/17 13:30	
Nitrobenzene-d5 (S)	%	78	53-100	08/01/17 13:30	
Phenol-d6 (S)	%	30	18-120	08/01/17 13:30	
Terphenyl-d14 (S)	%	109	59-108	08/01/17 13:30	S3

LABORATORY CONTROL SAMPLE & LCSD: 1548460 | 1548461

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
2,4,6-Tribromophenol (S)	%				107	112	65-140			
2-Fluorobiphenyl (S)	%				84	89	59-109			
2-Fluorophenol (S)	%				56	59	27-67			
Nitrobenzene-d5 (S)	%				94	97	53-100			
Phenol-d6 (S)	%				35	35	18-120			
Terphenyl-d14 (S)	%				104	107	59-108			

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QUALITY CONTROL DATA

Project: 0403363 KRAFT
Pace Project No.: 40154013

QC Batch: 263409 | Analysis Method: EPA 8270
QC Batch Method: EPA 3510 | Analysis Description: 8270 Water MSSV
Associated Lab Samples: 40154013008, 40154013009, 40154013010, 40154013011, 40154013012

METHOD BLANK: 1550142 | Matrix: Water
Associated Lab Samples: 40154013008, 40154013009, 40154013010, 40154013011, 40154013012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
2,4,6-Tribromophenol (S)	%	105	65-140	08/03/17 12:28	
2-Fluorobiphenyl (S)	%	79	59-109	08/03/17 12:28	
2-Fluorophenol (S)	%	55	27-67	08/03/17 12:28	
Nitrobenzene-d5 (S)	%	94	53-100	08/03/17 12:28	
Phenol-d6 (S)	%	35	18-120	08/03/17 12:28	
Terphenyl-d14 (S)	%	103	59-108	08/03/17 12:28	

LABORATORY CONTROL SAMPLE & LCSD: 1550143 1550144

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
2,4,6-Tribromophenol (S)	%				114	112	65-140			
2-Fluorobiphenyl (S)	%				88	90	59-109			
2-Fluorophenol (S)	%				56	60	27-67			
Nitrobenzene-d5 (S)	%				99	97	53-100			
Phenol-d6 (S)	%				38	37	18-120			
Terphenyl-d14 (S)	%				105	105	59-108			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

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QUALIFIERS

Project: 0403363 KRAFT
Pace Project No.: 40154013

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above LOD.

J - Estimated concentration at or above the LOD and below the LOQ.

LOD - Limit of Detection adjusted for dilution factor and percent moisture.

LOQ - Limit of Quantitation adjusted for dilution factor and percent moisture.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected at or above the adjusted LOD.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

LABORATORIES

PASI-G	Pace Analytical Services - Green Bay

BATCH QUALIFIERS

Batch: 263229

[M5]	A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

Batch: 263499

[M5]	A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

ANALYTE QUALIFIERS

HS	Results are from sample aliquot taken from VOA vial with headspace (air bubble greater than 6 mm diameter).
S0	Surrogate recovery outside laboratory control limits.
S3	Surrogate recovery exceeded laboratory control limits. Analyte presence below reporting limits in associated sample.
W	Non-detect results are reported on a wet weight basis.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 0403363 KRAFT
Pace Project No.: 40154013

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40154013013	**SB-35, 3.5-4.5**	EPA 3541	263201	EPA 8082	263205
40154013013	**SB-35, 3.5-4.5**	EPA 3050	263344	EPA 6010	263519
40154013001	**SB-28-S**	EPA 3010	263196	EPA 6010	263303
40154013002	**SB-31-D**	EPA 3010	263196	EPA 6010	263303
40154013003	**SB-30-S**	EPA 3010	263196	EPA 6010	263303
40154013004	**SB-27-S**	EPA 3010	263196	EPA 6010	263303
40154013005	**SB-32-S**	EPA 3010	263196	EPA 6010	263303
40154013006	**SB-26-S**	EPA 3010	263196	EPA 6010	263303
40154013007	**SB-31-S**	EPA 3010	263196	EPA 6010	263303
40154013008	**SB-27-D**	EPA 3010	263196	EPA 6010	263303
40154013009	**SB-53-S**	EPA 3010	263196	EPA 6010	263303
40154013010	**SB-34-S**	EPA 3010	263196	EPA 6010	263303
40154013011	**SB-35-S**	EPA 3010	263196	EPA 6010	263303
40154013012	**SB-36-S**	EPA 3010	263196	EPA 6010	263303
40154013001	**SB-28-S**	EPA 7470	263467	EPA 7470	263507
40154013002	**SB-31-D**	EPA 7470	263467	EPA 7470	263507
40154013003	**SB-30-S**	EPA 7470	263467	EPA 7470	263507
40154013004	**SB-27-S**	EPA 7470	263467	EPA 7470	263507
40154013005	**SB-32-S**	EPA 7470	263467	EPA 7470	263507
40154013006	**SB-26-S**	EPA 7470	263467	EPA 7470	263507
40154013007	**SB-31-S**	EPA 7470	263467	EPA 7470	263507
40154013008	**SB-27-D**	EPA 7470	263467	EPA 7470	263507
40154013009	**SB-53-S**	EPA 7470	263467	EPA 7470	263507
40154013010	**SB-34-S**	EPA 7470	263467	EPA 7470	263507
40154013011	**SB-35-S**	EPA 7470	263467	EPA 7470	263507
40154013012	**SB-36-S**	EPA 7470	263467	EPA 7470	263507
40154013013	**SB-35, 3.5-4.5**	EPA 7471	264196	EPA 7471	264292
40154013013	**SB-35, 3.5-4.5**	EPA 3546	262984	EPA 8270	263032
40154013001	**SB-28-S**	EPA 3510	263151	EPA 8270	263229
40154013002	**SB-31-D**	EPA 3510	263151	EPA 8270	263229
40154013003	**SB-30-S**	EPA 3510	263151	EPA 8270	263229
40154013004	**SB-27-S**	EPA 3510	263151	EPA 8270	263229
40154013005	**SB-32-S**	EPA 3510	263151	EPA 8270	263229
40154013006	**SB-26-S**	EPA 3510	263151	EPA 8270	263229
40154013007	**SB-31-S**	EPA 3510	263151	EPA 8270	263229
40154013008	**SB-27-D**	EPA 3510	263409	EPA 8270	263499
40154013009	**SB-53-S**	EPA 3510	263409	EPA 8270	263499
40154013010	**SB-34-S**	EPA 3510	263409	EPA 8270	263499
40154013011	**SB-35-S**	EPA 3510	263409	EPA 8270	263499
40154013012	**SB-36-S**	EPA 3510	263409	EPA 8270	263499
40154013013	**SB-35, 3.5-4.5**	EPA 5035/5030B	263188	EPA 8260	263189
40154013001	**SB-28-S**	EPA 8260	262959		
40154013002	**SB-31-D**	EPA 8260	262959		
40154013003	**SB-30-S**	EPA 8260	262959		

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 0403363 KRAFT
Pace Project No.: 40154013

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40154013004	**SB-27-S**	EPA 8260	262959		
40154013005	**SB-32-S**	EPA 8260	262959		
40154013006	**SB-26-S**	EPA 8260	262959		
40154013007	**SB-31-S**	EPA 8260	262959		
40154013008	**SB-27-D**	EPA 8260	262959		
40154013009	**SB-53-S**	EPA 8260	262959		
40154013010	**SB-34-S**	EPA 8260	262959		
40154013011	**SB-35-S**	EPA 8260	262959		
40154013012	**SB-36-S**	EPA 8260	262959		
40154013014	**TB**	EPA 8260	262959		
40154013013	**SB-35, 3.5-4.5**	ASTM D2974-87	263122		

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UPPER MIDWEST REGION
MN: 612-607-1700 WI: 920-469-2436

Pace Analytical®
www.pacelabs.com

CHAIN OF CUSTODY

40154013

RMN

(Please Print Clearly)	
Company Name:	ERM
Branch/Location:	Holland, MI / Milwaukee WI
Project Contact:	Andrew DeWitt / David Bower
Phone:	616-443-8634
Project Number:	0403363
Project Name:	Kraft
Project State:	WI
Sampled By (Print):	Andrew DeWitt / David DeCooke
Sampled By (Sign):	[signature]
PO #:	Regulatory Program:

*Preservation Codes
A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH
H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

Quote #:	
Mail To Contact:	
Mail To Company:	
Mail To Address:	
Invoice To Contact:	Andrew DeWitt
Invoice To Company:	ERM
Invoice To Address:	3352 128th Ave Holland, MI
Invoice To Phone:	

Data Package Options (billable)
- ☐ EPA Level III
- ☐ EPA Level IV

MS/MSD
- ☐ On your sample (billable)
- ☐ NOT needed on your sample

Matrix Codes
A = Air, B = Biota, C = Charcoal, O = Oil, S = Soil, SL = Sludge, W = Water, DW = Drinking Water, GW = Ground Water, SW = Surface Water, WW = Waste Water, WP = Wipe

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	VOCs	SVOCs	Metals	PCBs	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
FILTERED? (YES/NO)					N	N	N	N			
PRESERVATION (CODE)*											
001	SB-28-S	7/26/17	17:15	GW	X	X	X		2-1LagA	1-250mlpD 3-40mlvB	
002	SB-31-D	7/26/17	16:55								
003	SB-30-S	7/26/17	16:40								
004	SB-22-S	7/26/17	16:00								
005	SB-32-S	7/26/17	15:20								
006	SB-26-S	7/26/17	13:50								
007	SB-31-S	7/26/17	14:30						2~~3~~-1LagA		
008	SB-27-D	7/27/17	9:10								
009	SB-53-S	7/27/17	10:15								
010	SB-34-S	7/27/17	11:00								
011	SB-35-S	7/27/17	11:25								
012	SB-36-S	7/27/17	12:05								
013	SB-35, 3.5-4.5	7/27/17	10:45	S	X	X	X	X	1-4ozpA	2-4ozvgA 1-40mlvF	

Rush Turnaround Time Requested - Prelims
(Rush TAT subject to approval/surcharge)
Date Needed:

Transmit Prelim Rush Results by (complete what you want):
- Email #1:
- Email #2:
- Telephone:
- Fax:

Samples on HOLD are subject to special pricing and release of liability

Relinquished By:	Date/Time:	Received By:	Date/Time:
[signature]	7/27/17 1:35		
[signature]	7-28-17 0935	[signature] Pace	7-28-17 0935

PACE Project No. 40154013
Receipt Temp = ROI °C
Sample Receipt pH OK / Adjusted
Cooler Custody Seal Present / Not Present
Intact / Not Intact

Version 6.0 06/14/06
CD19a(27Jun2006)
ORIGINAL

044-TB ① In shipment Lab added to COC 7/28/17 SWJ

2-40ulvB

Sample Condition Upon Receipt

Pace Analytical Services, LLC. - Green Bay WI
1241 Bellevue Street, Suite 9
Green Bay, WI 54302

Pace Analytical™

Client Name: ERM

Project #: **WO#: 40154013**

40154013

Courier: ☐ Fed Ex ☐ UPS ☐ Client ☐ Pace Other CS Logistics

Tracking #: 5960727717

Custody Seal on Cooler/Box Present: ☑ yes ☐ no Seals intact: ☑ yes ☐ no

Custody Seal on Samples Present: ☐ yes ☑ no Seals intact: ☐ yes ☐ no

Packing Material: ☑ Bubble Wrap ☑ Bubble Bags ☐ None ☐ Other

Thermometer Used N/A **Type of Ice:** (Wet) Blue Dry None ☑ Samples on ice, cooling process has begun

Cooler Temperature Uncorr: ROT /Corr: **Biological Tissue is Frozen:** ☐ yes ☐ no

Temp Blank Present: ☐ yes ☑ no

Person examining contents:
Date: 7-28-17
Initials: SW

Temp should be above freezing to 6°C.
Biota Samples may be received at ≤ 0°C.

				Comments:
Chain of Custody Present:	☑Yes	☐No	☐N/A	1. Original and a copy 7-28-17 SW
Chain of Custody Filled Out:	☑Yes	☐No	☐N/A	2.
Chain of Custody Relinquished:	☑Yes	☐No	☐N/A	3.
Sampler Name & Signature on COC:	☑Yes	☐No	☐N/A	4.
Samples Arrived within Hold Time:	☑Yes	☐No	☐N/A	5.
- VOA Samples frozen upon receipt	☐Yes	☐No		Date/Time:
Short Hold Time Analysis (<72hr):	☑Yes	☐No	☐N/A	6.
Rush Turn Around Time Requested:	☐Yes	☑No	☐N/A	7.
Sufficient Volume:	☐Yes	☑No	☐N/A	8. No MS/MSD Volume. 7-28-17 SW
Correct Containers Used:	☑Yes	☐No	☐N/A	9.
-Pace Containers Used:	☑Yes	☐No	☐N/A	
-Pace IR Containers Used:	☐Yes	☐No	☑N/A	
Containers Intact:	☑Yes	☐No	☐N/A	10.
Filtered volume received for Dissolved tests	☐Yes	☐No	☑N/A	11.
Sample Labels match COC: -Includes date/time/ID/Analysis Matrix: W	☑Yes	☐No	☐N/A	12.
All containers needing preservation have been checked. (Non-Compliance noted in 13.)	☑Yes	☐No	☐N/A	13. ☑ HNO3 ☐ H2SO4 ☐ NaOH ☐ NaOH +ZnAct
All containers needing preservation are found to be in compliance with EPA recommendation. (HNO3, H2SO4 ≤2, NaOH+ZnAct ≥9, NaOH ≥12)	☑Yes	☐No	☐N/A	
exceptions: VOA, coliform, TOC, TOX, TOH, O&G, WIDROW, Phenolics, OTHER:	☑Yes	☐No		Initial when completed SW / Lab Std #ID of preservative / Date/Time:
Headspace in VOA Vials (>6mm):	☑Yes	☐No	☐N/A	14. 003 – 3 vials, 002 – 3; 006 – 2; 007 – 3.
Trip Blank Present:	☑Yes	☐No	☐N/A	15. In shipment Lab added to COC. 7-28-17 SW
Trip Blank Custody Seals Present	☑Yes	☐No	☐N/A	
Pace Trip Blank Lot # (if purchased): 383				7-28-17 SW

Client Notification/ Resolution: If checked, see attached form for additional comments ☐

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: AL for DM **Date:** 7-28-17

F-GB-C-031-Rev.04 (12Dec2016) SCUR.xls
Pace Analytical Services LLC. - Green Bay WI

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

August 11, 2017

Andrew DeWitt
ERM, Inc.
3352 128th Avenue
Holland, MI 49424

RE: Project: 0403363 KRAFT
Pace Project No.: 40154096

Dear Andrew DeWitt:
Enclosed are the analytical results for sample(s) received by the laboratory on July 29, 2017. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Dan Milewsky
dan.milewsky@pacelabs.com
(920)469-2436
Project Manager

Enclosures

cc: Carl Stay, ERM, Inc.
David deCourcy-Bower, ERM, Inc.

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CERTIFICATIONS

Project: 0403363 KRAFT
Pace Project No.: 40154096

Green Bay Certification IDs

1241 Bellevue Street, Green Bay, WI 54302
Florida/NELAP Certification #: E87948
Illinois Certification #: 200050
Kentucky UST Certification #: 82
Louisiana Certification #: 04168
Minnesota Certification #: 055-999-334
New York Certification #: 12064
North Dakota Certification #: R-150
Virginia VELAP ID: 460263
South Carolina Certification #: 83006001
Texas Certification #: T104704529-14-1
Wisconsin Certification #: 405132750
Wisconsin DATCP Certification #: 105-444
USDA Soil Permit #: P330-16-00157
Federal Fish & Wildlife Permit #: LE51774A-0

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SAMPLE SUMMARY

Project: 0403363 KRAFT
Pace Project No.: 40154096

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40154096001	**SB-37-S**	Water	07/27/17 14:10	07/29/17 08:20
40154096002	**SB-36-D**	Water	07/27/17 15:20	07/29/17 08:20
40154096003	**SB-37-D**	Water	07/27/17 16:05	07/29/17 08:20
40154096004	**SB-38-S**	Water	07/27/17 16:40	07/29/17 08:20
40154096005	**SB-33-S**	Water	07/28/17 09:45	07/29/17 08:20
40154096006	**SB-52-S**	Water	07/28/17 10:50	07/29/17 08:20
40154096007	**SB-29-S**	Water	07/28/17 11:30	07/29/17 08:20
40154096008	**SB-38, 8-10**	Solid	07/27/17 16:35	07/29/17 08:20
40154096009	**SB-33, 2.5-3**	Solid	07/28/17 09:30	07/29/17 08:20
40154096010	**SB-52, 4-5**	Solid	07/28/17 10:15	07/29/17 08:20
40154096011	**SB-29, 2-2.5**	Solid	07/28/17 11:20	07/29/17 08:20
40154096012	**TRIP BLANK**	Water	07/28/17 00:00	07/29/17 08:20

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SAMPLE ANALYTE COUNT

Project: 0403363 KRAFT
Pace Project No.: 40154096

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40154096001	**SB-37-S**	EPA 6010	DLB	7	PASI-G
		EPA 7470	AJT	1	PASI-G
		EPA 8270	RJN	70	PASI-G
		EPA 8260	MDS	64	PASI-G
40154096002	**SB-36-D**	EPA 6010	DLB	7	PASI-G
		EPA 7470	AJT	1	PASI-G
		EPA 8270	RJN	70	PASI-G
		EPA 8260	MDS	64	PASI-G
40154096003	**SB-37-D**	EPA 6010	DLB	7	PASI-G
		EPA 7470	AJT	1	PASI-G
		EPA 8270	RJN	70	PASI-G
		EPA 8260	MDS	64	PASI-G
40154096004	**SB-38-S**	EPA 6010	DLB	7	PASI-G
		EPA 7470	AJT	1	PASI-G
		EPA 8270	RJN	70	PASI-G
		EPA 8260	MDS	64	PASI-G
40154096005	**SB-33-S**	EPA 6010	DLB	7	PASI-G
		EPA 7470	AJT	1	PASI-G
		EPA 8270	RJN	70	PASI-G
		EPA 8260	MDS	64	PASI-G
40154096006	**SB-52-S**	EPA 6010	DLB	1	PASI-G
		EPA 8270 by HVI	TPO	20	PASI-G
		EPA 8260	MDS	64	PASI-G
40154096007	**SB-29-S**	EPA 6010	DLB	7	PASI-G
		EPA 7470	AJT	1	PASI-G
		EPA 8270	RJN	70	PASI-G
		EPA 8260	MDS	64	PASI-G
40154096008	**SB-38, 8-10**	EPA 8082	BLM	10	PASI-G
		EPA 6010	DLB	7	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270	RJN	70	PASI-G
		EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	KTS	1	PASI-G
40154096009	**SB-33, 2.5-3**	EPA 8082	BLM	10	PASI-G
		EPA 6010	DLB	7	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270	RJN	70	PASI-G

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SAMPLE ANALYTE COUNT

Project: 0403363 KRAFT
Pace Project No.: 40154096

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	KTS	1	PASI-G
40154096010	**SB-52, 4-5**	EPA 6010	DLB	1	PASI-G
		EPA 8270 by SIM	ARO	20	PASI-G
		EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	SKW	1	PASI-G
40154096011	**SB-29, 2-2.5**	EPA 8082	BDS	10	PASI-G
		EPA 6010	DLB	7	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270	RJN	70	PASI-G
		EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	SKW	1	PASI-G
40154096012	**TRIP BLANK**	EPA 8260	MDS	64	PASI-G

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SUMMARY OF DETECTION

Project: 0403363 KRAFT
Pace Project No.: 40154096

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40154096001	**SB-37-S**					
EPA 6010	Arsenic	17.6J	ug/L	25.0	08/02/17 14:27	
EPA 6010	Barium	93.4	ug/L	5.0	08/02/17 14:27	
EPA 6010	Chromium	5.4J	ug/L	10.0	08/02/17 14:27	
EPA 6010	Lead	7.5J	ug/L	13.0	08/02/17 14:27	
EPA 8270	bis(2-Ethylhexyl)phthalate	1.8J	ug/L	2.2	08/03/17 18:31	
40154096002	**SB-36-D**					
EPA 6010	Arsenic	25.8	ug/L	25.0	08/02/17 14:29	
EPA 6010	Barium	316	ug/L	5.0	08/02/17 14:29	
EPA 6010	Chromium	64.0	ug/L	10.0	08/02/17 14:29	
EPA 6010	Lead	38.8	ug/L	13.0	08/02/17 14:29	
EPA 8270	bis(2-Ethylhexyl)phthalate	1.8J	ug/L	2.2	08/03/17 18:52	
40154096003	**SB-37-D**					
EPA 6010	Arsenic	19.8J	ug/L	25.0	08/02/17 14:32	
EPA 6010	Barium	124	ug/L	5.0	08/02/17 14:32	
EPA 6010	Chromium	180	ug/L	10.0	08/02/17 14:32	
EPA 6010	Lead	29.8	ug/L	13.0	08/02/17 14:32	
40154096004	**SB-38-S**					
EPA 6010	Arsenic	51.5	ug/L	25.0	08/02/17 14:34	
EPA 6010	Barium	279	ug/L	5.0	08/02/17 14:34	
EPA 6010	Chromium	3.2J	ug/L	10.0	08/02/17 14:34	
EPA 8270	Fluoranthene	12.3J	ug/L	35.8	08/04/17 11:51	
40154096005	**SB-33-S**					
EPA 6010	Barium	340	ug/L	5.0	08/02/17 14:37	
EPA 6010	Chromium	14.2	ug/L	10.0	08/02/17 14:37	
EPA 6010	Lead	11.2J	ug/L	13.0	08/02/17 14:37	
EPA 8270	bis(2-Ethylhexyl)phthalate	0.86J	ug/L	2.3	08/04/17 09:01	
40154096006	**SB-52-S**					
EPA 6010	Lead	18.9	ug/L	13.0	08/02/17 14:39	
EPA 8270 by HVI	Acenaphthene	0.014J	ug/L	0.029	08/03/17 19:52	
EPA 8270 by HVI	Benzo(a)anthracene	0.26	ug/L	0.036	08/03/17 19:52	
EPA 8270 by HVI	Benzo(a)pyrene	0.39	ug/L	0.051	08/03/17 19:52	
EPA 8270 by HVI	Benzo(b)fluoranthene	0.45	ug/L	0.028	08/03/17 19:52	
EPA 8270 by HVI	Benzo(g,h,i)perylene	0.27	ug/L	0.033	08/03/17 19:52	
EPA 8270 by HVI	Benzo(k)fluoranthene	0.24	ug/L	0.036	08/03/17 19:52	
EPA 8270 by HVI	Chrysene	0.48	ug/L	0.063	08/03/17 19:52	
EPA 8270 by HVI	Dibenz(a,h)anthracene	0.045J	ug/L	0.048	08/03/17 19:52	
EPA 8270 by HVI	Fluoranthene	0.61	ug/L	0.051	08/03/17 19:52	
EPA 8270 by HVI	Fluorene	0.012J	ug/L	0.038	08/03/17 19:52	
EPA 8270 by HVI	Indeno(1,2,3-cd)pyrene	0.20	ug/L	0.085	08/03/17 19:52	
EPA 8270 by HVI	Phenanthrene	0.21	ug/L	0.066	08/03/17 19:52	
EPA 8270 by HVI	Pyrene	0.55	ug/L	0.037	08/03/17 19:52	
40154096007	**SB-29-S**					
EPA 6010	Barium	343	ug/L	5.0	08/02/17 14:42	
EPA 6010	Chromium	11.8	ug/L	10.0	08/02/17 14:42	

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SUMMARY OF DETECTION

Project: 0403363 KRAFT
Pace Project No.: 40154096

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40154096007	**SB-29-S**					
EPA 6010	Lead	271	ug/L	13.0	08/02/17 14:42	
40154096008	**SB-38, 8-10**					
EPA 8082	PCB-1242 (Aroclor 1242)	45.1J	ug/kg	57.2	08/02/17 19:08	
EPA 8082	PCB, Total	45.1J	ug/kg	57.2	08/02/17 19:08	
EPA 6010	Arsenic	2.8J	mg/kg	5.7	08/01/17 16:14	
EPA 6010	Barium	8.2	mg/kg	0.57	08/01/17 16:14	
EPA 6010	Chromium	4.3	mg/kg	1.1	08/01/17 16:14	
EPA 6010	Lead	2.6	mg/kg	1.5	08/01/17 16:14	
ASTM D2974-87	Percent Moisture	12.5	%	0.10	08/08/17 15:05	
40154096009	**SB-33, 2.5-3**					
EPA 6010	Arsenic	1.4J	mg/kg	5.8	08/01/17 16:21	
EPA 6010	Barium	19.1	mg/kg	0.58	08/01/17 16:21	
EPA 6010	Chromium	8.8	mg/kg	1.2	08/01/17 16:21	
EPA 6010	Lead	4.5	mg/kg	1.5	08/01/17 16:21	
ASTM D2974-87	Percent Moisture	18.3	%	0.10	08/08/17 15:06	
40154096010	**SB-52, 4-5**					
EPA 6010	Lead	2.6	mg/kg	1.5	08/01/17 16:23	
EPA 8270 by SIM	Anthracene	11.7J	ug/kg	24.5	08/08/17 17:58	
EPA 8270 by SIM	Benzo(a)anthracene	37.0	ug/kg	13.7	08/08/17 17:58	
EPA 8270 by SIM	Benzo(a)pyrene	41.3	ug/kg	10.8	08/08/17 17:58	
EPA 8270 by SIM	Benzo(b)fluoranthene	31.6	ug/kg	12.1	08/08/17 17:58	
EPA 8270 by SIM	Benzo(g,h,i)perylene	30.9	ug/kg	8.7	08/08/17 17:58	
EPA 8270 by SIM	Benzo(k)fluoranthene	40.2	ug/kg	10.8	08/08/17 17:58	
EPA 8270 by SIM	Chrysene	40.0	ug/kg	14.4	08/08/17 17:58	
EPA 8270 by SIM	Dibenz(a,h)anthracene	9.4J	ug/kg	9.6	08/08/17 17:58	
EPA 8270 by SIM	Fluoranthene	85.8	ug/kg	22.4	08/08/17 17:58	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	26.0	ug/kg	9.5	08/08/17 17:58	
EPA 8270 by SIM	Phenanthrene	45.1J	ug/kg	50.0	08/08/17 17:58	
EPA 8270 by SIM	Pyrene	67.7	ug/kg	19.3	08/08/17 17:58	
EPA 8260	Methylene Chloride	34.0J	ug/kg	77.5	08/02/17 15:48	
ASTM D2974-87	Percent Moisture	22.5	%	0.10	07/31/17 16:12	
40154096011	**SB-29, 2-2.5**					
EPA 6010	Arsenic	20.7J	mg/kg	28.8	08/02/17 09:08	D3
EPA 6010	Barium	299	mg/kg	0.58	08/01/17 16:26	
EPA 6010	Cadmium	0.85J	mg/kg	2.9	08/02/17 09:08	D3
EPA 6010	Chromium	20.5	mg/kg	1.2	08/01/17 16:26	
EPA 6010	Lead	242	mg/kg	7.5	08/02/17 09:08	
EPA 6010	Silver	0.69J	mg/kg	1.2	08/01/17 16:26	
EPA 7471	Mercury	0.16	mg/kg	0.045	08/11/17 13:13	
EPA 8270	2-Methylnaphthalene	249	ug/kg	183	08/04/17 16:06	
EPA 8270	Acenaphthene	141J	ug/kg	250	08/04/17 16:06	
EPA 8270	Anthracene	281	ug/kg	113	08/04/17 16:06	
EPA 8270	Benzo(a)anthracene	603	ug/kg	109	08/04/17 16:06	
EPA 8270	Benzo(a)pyrene	642	ug/kg	106	08/04/17 16:06	
EPA 8270	Benzo(b)fluoranthene	737	ug/kg	121	08/04/17 16:06	

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SUMMARY OF DETECTION

Project: 0403363 KRAFT
Pace Project No.: 40154096

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40154096011	**SB-29, 2-2.5**					
EPA 8270	Benzo(g,h,i)perylene	455	ug/kg	184	08/04/17 16:06	
EPA 8270	Benzo(k)fluoranthene	266	ug/kg	169	08/04/17 16:06	
EPA 8270	Carbazole	125	ug/kg	110	08/04/17 16:06	
EPA 8270	Chrysene	614	ug/kg	105	08/04/17 16:06	
EPA 8270	Dibenz(a,h)anthracene	94.1J	ug/kg	191	08/04/17 16:06	
EPA 8270	Dibenzofuran	66.4J	ug/kg	85.2	08/04/17 16:06	
EPA 8270	Fluoranthene	1580	ug/kg	99.7	08/04/17 16:06	
EPA 8270	Fluorene	140	ug/kg	82.3	08/04/17 16:06	
EPA 8270	Indeno(1,2,3-cd)pyrene	477	ug/kg	152	08/04/17 16:06	
EPA 8270	Naphthalene	352	ug/kg	246	08/04/17 16:06	
EPA 8270	Phenanthrene	1240	ug/kg	90.3	08/04/17 16:06	
EPA 8270	Pyrene	1310	ug/kg	156	08/04/17 16:06	
ASTM D2974-87	Percent Moisture	21.0	%	0.10	07/31/17 16:12	

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ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154096

Sample: SB-37-S **Lab ID: 40154096001** Collected: 07/27/17 14:10 Received: 07/29/17 08:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**17.6J**	ug/L	25.0	8.3	1	08/01/17 11:54	08/02/17 14:27	7440-38-2	
Barium	**93.4**	ug/L	5.0	1.5	1	08/01/17 11:54	08/02/17 14:27	7440-39-3	
Cadmium	**<1.3**	ug/L	5.0	1.3	1	08/01/17 11:54	08/02/17 14:27	7440-43-9	
Chromium	**5.4J**	ug/L	10.0	2.5	1	08/01/17 11:54	08/02/17 14:27	7440-47-3	
Lead	**7.5J**	ug/L	13.0	4.3	1	08/01/17 11:54	08/02/17 14:27	7439-92-1	
Selenium	**<16.6**	ug/L	50.0	16.6	1	08/01/17 11:54	08/02/17 14:27	7782-49-2	
Silver	**<3.3**	ug/L	10.0	3.3	1	08/01/17 11:54	08/02/17 14:27	7440-22-4	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**<0.13**	ug/L	0.42	0.13	1	08/07/17 12:30	08/08/17 08:21	7439-97-6	
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510								
1,2,4-Trichlorobenzene	**<1.9**	ug/L	6.5	1.9	1	08/03/17 08:01	08/03/17 18:31	120-82-1	
1,2-Dichlorobenzene	**<1.8**	ug/L	6.1	1.8	1	08/03/17 08:01	08/03/17 18:31	95-50-1	
1,3-Dichlorobenzene	**<1.8**	ug/L	6.0	1.8	1	08/03/17 08:01	08/03/17 18:31	541-73-1	
1,4-Dichlorobenzene	**<1.8**	ug/L	6.0	1.8	1	08/03/17 08:01	08/03/17 18:31	106-46-7	
2,2'-Oxybis(1-chloropropane)	**<1.5**	ug/L	4.8	1.5	1	08/03/17 08:01	08/03/17 18:31	108-60-1	
2,4,5-Trichlorophenol	**<0.80**	ug/L	2.7	0.80	1	08/03/17 08:01	08/03/17 18:31	95-95-4	
2,4,6-Trichlorophenol	**<2.0**	ug/L	6.7	2.0	1	08/03/17 08:01	08/03/17 18:31	88-06-2	
2,4-Dichlorophenol	**<1.3**	ug/L	4.3	1.3	1	08/03/17 08:01	08/03/17 18:31	120-83-2	
2,4-Dimethylphenol	**<1.2**	ug/L	4.0	1.2	1	08/03/17 08:01	08/03/17 18:31	105-67-9	
2,4-Dinitrophenol	**<0.68**	ug/L	2.3	0.68	1	08/03/17 08:01	08/03/17 18:31	51-28-5	
2,4-Dinitrotoluene	**<0.75**	ug/L	2.5	0.75	1	08/03/17 08:01	08/03/17 18:31	121-14-2	
2,6-Dinitrotoluene	**<0.57**	ug/L	1.9	0.57	1	08/03/17 08:01	08/03/17 18:31	606-20-2	
2-Chloronaphthalene	**<1.6**	ug/L	5.2	1.6	1	08/03/17 08:01	08/03/17 18:31	91-58-7	
2-Chlorophenol	**<1.1**	ug/L	3.7	1.1	1	08/03/17 08:01	08/03/17 18:31	95-57-8	
2-Methylnaphthalene	**<1.4**	ug/L	4.8	1.4	1	08/03/17 08:01	08/03/17 18:31	91-57-6	
2-Methylphenol(o-Cresol)	**<0.83**	ug/L	2.8	0.83	1	08/03/17 08:01	08/03/17 18:31	95-48-7	
2-Nitroaniline	**<0.74**	ug/L	2.5	0.74	1	08/03/17 08:01	08/03/17 18:31	88-74-4	
2-Nitrophenol	**<1.1**	ug/L	3.7	1.1	1	08/03/17 08:01	08/03/17 18:31	88-75-5	
3&4-Methylphenol(m&p Cresol)	**<1.5**	ug/L	5.0	1.5	1	08/03/17 08:01	08/03/17 18:31		
3,3'-Dichlorobenzidine	**<0.86**	ug/L	2.9	0.86	1	08/03/17 08:01	08/03/17 18:31	91-94-1	
3-Nitroaniline	**<0.92**	ug/L	3.1	0.92	1	08/03/17 08:01	08/03/17 18:31	99-09-2	
4,6-Dinitro-2-methylphenol	**<0.62**	ug/L	2.1	0.62	1	08/03/17 08:01	08/03/17 18:31	534-52-1	
4-Bromophenylphenyl ether	**<1.9**	ug/L	6.3	1.9	1	08/03/17 08:01	08/03/17 18:31	101-55-3	
4-Chloro-3-methylphenol	**<1.6**	ug/L	5.4	1.6	1	08/03/17 08:01	08/03/17 18:31	59-50-7	
4-Chloroaniline	**<1.0**	ug/L	3.5	1.0	1	08/03/17 08:01	08/03/17 18:31	106-47-8	
4-Chlorophenylphenyl ether	**<0.78**	ug/L	2.6	0.78	1	08/03/17 08:01	08/03/17 18:31	7005-72-3	
4-Nitroaniline	**<1.7**	ug/L	5.8	1.7	1	08/03/17 08:01	08/03/17 18:31	100-01-6	
4-Nitrophenol	**<1.0**	ug/L	3.3	1.0	1	08/03/17 08:01	08/03/17 18:31	100-02-7	
Acenaphthene	**<1.3**	ug/L	4.3	1.3	1	08/03/17 08:01	08/03/17 18:31	83-32-9	
Acenaphthylene	**<1.0**	ug/L	3.4	1.0	1	08/03/17 08:01	08/03/17 18:31	208-96-8	
Anthracene	**<1.7**	ug/L	5.7	1.7	1	08/03/17 08:01	08/03/17 18:31	120-12-7	
Benzo(a)anthracene	**<0.51**	ug/L	1.7	0.51	1	08/03/17 08:01	08/03/17 18:31	56-55-3	
Benzo(a)pyrene	**<1.8**	ug/L	6.0	1.8	1	08/03/17 08:01	08/03/17 18:31	50-32-8	
Benzo(b)fluoranthene	**<0.62**	ug/L	2.1	0.62	1	08/03/17 08:01	08/03/17 18:31	205-99-2	

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ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154096

Sample: SB-37-S **Lab ID: 40154096001** Collected: 07/27/17 14:10 Received: 07/29/17 08:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510								
Benzo(g,h,i)perylene	**<0.77**	ug/L	2.6	0.77	1	08/03/17 08:01	08/03/17 18:31	191-24-2	
Benzo(k)fluoranthene	**<0.95**	ug/L	3.2	0.95	1	08/03/17 08:01	08/03/17 18:31	207-08-9	
Butylbenzylphthalate	**<0.74**	ug/L	2.5	0.74	1	08/03/17 08:01	08/03/17 18:31	85-68-7	
Carbazole	**<0.71**	ug/L	2.4	0.71	1	08/03/17 08:01	08/03/17 18:31	86-74-8	
Chrysene	**<1.7**	ug/L	5.5	1.7	1	08/03/17 08:01	08/03/17 18:31	218-01-9	
Di-n-butylphthalate	**<2.4**	ug/L	8.1	2.4	1	08/03/17 08:01	08/03/17 18:31	84-74-2	
Di-n-octylphthalate	**<1.8**	ug/L	6.0	1.8	1	08/03/17 08:01	08/03/17 18:31	117-84-0	
Dibenz(a,h)anthracene	**<1.3**	ug/L	4.2	1.3	1	08/03/17 08:01	08/03/17 18:31	53-70-3	
Dibenzofuran	**<0.73**	ug/L	2.4	0.73	1	08/03/17 08:01	08/03/17 18:31	132-64-9	
Diethylphthalate	**<1.0**	ug/L	3.4	1.0	1	08/03/17 08:01	08/03/17 18:31	84-66-2	
Dimethylphthalate	**<1.8**	ug/L	6.1	1.8	1	08/03/17 08:01	08/03/17 18:31	131-11-3	
Fluoranthene	**<0.54**	ug/L	1.8	0.54	1	08/03/17 08:01	08/03/17 18:31	206-44-0	
Fluorene	**<0.71**	ug/L	2.4	0.71	1	08/03/17 08:01	08/03/17 18:31	86-73-7	
Hexachloro-1,3-butadiene	**<2.3**	ug/L	7.8	2.3	1	08/03/17 08:01	08/03/17 18:31	87-68-3	
Hexachlorobenzene	**<1.6**	ug/L	5.4	1.6	1	08/03/17 08:01	08/03/17 18:31	118-74-1	
Hexachlorocyclopentadiene	**<0.65**	ug/L	2.2	0.65	1	08/03/17 08:01	08/03/17 18:31	77-47-4	
Hexachloroethane	**<2.5**	ug/L	8.4	2.5	1	08/03/17 08:01	08/03/17 18:31	67-72-1	
Indeno(1,2,3-cd)pyrene	**<1.4**	ug/L	4.8	1.4	1	08/03/17 08:01	08/03/17 18:31	193-39-5	
Isophorone	**<0.70**	ug/L	2.3	0.70	1	08/03/17 08:01	08/03/17 18:31	78-59-1	
N-Nitroso-di-n-propylamine	**<0.92**	ug/L	3.1	0.92	1	08/03/17 08:01	08/03/17 18:31	621-64-7	
N-Nitrosodiphenylamine	**<3.4**	ug/L	11.2	3.4	1	08/03/17 08:01	08/03/17 18:31	86-30-6	
Naphthalene	**<1.8**	ug/L	6.0	1.8	1	08/03/17 08:01	08/03/17 18:31	91-20-3	
Nitrobenzene	**<1.4**	ug/L	4.6	1.4	1	08/03/17 08:01	08/03/17 18:31	98-95-3	
Pentachlorophenol	**<1.4**	ug/L	4.6	1.4	1	08/03/17 08:01	08/03/17 18:31	87-86-5	
Phenanthrene	**<1.7**	ug/L	5.8	1.7	1	08/03/17 08:01	08/03/17 18:31	85-01-8	
Phenol	**<0.57**	ug/L	1.9	0.57	1	08/03/17 08:01	08/03/17 18:31	108-95-2	
Pyrene	**<1.3**	ug/L	4.3	1.3	1	08/03/17 08:01	08/03/17 18:31	129-00-0	
bis(2-Chloroethoxy)methane	**<0.95**	ug/L	3.2	0.95	1	08/03/17 08:01	08/03/17 18:31	111-91-1	
bis(2-Chloroethyl) ether	**<1.5**	ug/L	5.0	1.5	1	08/03/17 08:01	08/03/17 18:31	111-44-4	
bis(2-Ethylhexyl)phthalate	**1.8J**	ug/L	2.2	0.66	1	08/03/17 08:01	08/03/17 18:31	117-81-7	
Surrogates									
Nitrobenzene-d5 (S)	84	%	53-100		1	08/03/17 08:01	08/03/17 18:31	4165-60-0	
2-Fluorobiphenyl (S)	74	%	59-109		1	08/03/17 08:01	08/03/17 18:31	321-60-8	
Terphenyl-d14 (S)	84	%	59-108		1	08/03/17 08:01	08/03/17 18:31	1718-51-0	
Phenol-d6 (S)	30	%	18-120		1	08/03/17 08:01	08/03/17 18:31	13127-88-3	
2-Fluorophenol (S)	47	%	27-67		1	08/03/17 08:01	08/03/17 18:31	367-12-4	
2,4,6-Tribromophenol (S)	99	%	65-140		1	08/03/17 08:01	08/03/17 18:31	118-79-6	
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 18:21	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		08/01/17 18:21	108-86-1	
Bromochloromethane	**<0.34**	ug/L	1.0	0.34	1		08/01/17 18:21	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		08/01/17 18:21	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		08/01/17 18:21	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		08/01/17 18:21	74-83-9	
n-Butylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 18:21	104-51-8	

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Green Bay, WI 54302
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ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154096

Sample: SB-37-S **Lab ID: 40154096001** Collected: 07/27/17 14:10 Received: 07/29/17 08:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		08/01/17 18:21	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		08/01/17 18:21	98-06-6	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		08/01/17 18:21	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 18:21	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		08/01/17 18:21	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		08/01/17 18:21	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		08/01/17 18:21	74-87-3	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 18:21	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		08/01/17 18:21	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		08/01/17 18:21	96-12-8	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		08/01/17 18:21	124-48-1	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		08/01/17 18:21	106-93-4	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		08/01/17 18:21	74-95-3	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 18:21	95-50-1	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 18:21	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 18:21	106-46-7	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		08/01/17 18:21	75-71-8	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		08/01/17 18:21	75-34-3	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		08/01/17 18:21	107-06-2	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		08/01/17 18:21	75-35-4	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		08/01/17 18:21	156-59-2	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		08/01/17 18:21	156-60-5	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		08/01/17 18:21	78-87-5	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		08/01/17 18:21	142-28-9	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		08/01/17 18:21	594-20-7	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		08/01/17 18:21	563-58-6	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 18:21	10061-01-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		08/01/17 18:21	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		08/01/17 18:21	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 18:21	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		08/01/17 18:21	87-68-3	
Isopropylbenzene (Cumene)	**<0.14**	ug/L	1.0	0.14	1		08/01/17 18:21	98-82-8	
p-Isopropyltoluene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 18:21	99-87-6	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		08/01/17 18:21	75-09-2	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		08/01/17 18:21	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		08/01/17 18:21	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 18:21	103-65-1	
Styrene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 18:21	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		08/01/17 18:21	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.25**	ug/L	1.0	0.25	1		08/01/17 18:21	79-34-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 18:21	127-18-4	
Toluene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 18:21	108-88-3	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		08/01/17 18:21	87-61-6	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		08/01/17 18:21	120-82-1	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		08/01/17 18:21	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		08/01/17 18:21	79-00-5	

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Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154096

Sample: SB-37-S **Lab ID: 40154096001** Collected: 07/27/17 14:10 Received: 07/29/17 08:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		08/01/17 18:21	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		08/01/17 18:21	75-69-4	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		08/01/17 18:21	96-18-4	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 18:21	95-63-6	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 18:21	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		08/01/17 18:21	75-01-4	
m&p-Xylene	**<1.0**	ug/L	2.0	1.0	1		08/01/17 18:21	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 18:21	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	87	%	61-130		1		08/01/17 18:21	460-00-4	
Dibromofluoromethane (S)	107	%	67-130		1		08/01/17 18:21	1868-53-7	
Toluene-d8 (S)	99	%	70-130		1		08/01/17 18:21	2037-26-5	

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ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154096

Sample: SB-36-D **Lab ID: 40154096002** Collected: 07/27/17 15:20 Received: 07/29/17 08:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010	Preparation Method: EPA 3010							
Arsenic	**25.8**	ug/L	25.0	8.3	1	08/01/17 11:54	08/02/17 14:29	7440-38-2	
Barium	**316**	ug/L	5.0	1.5	1	08/01/17 11:54	08/02/17 14:29	7440-39-3	
Cadmium	**<1.3**	ug/L	5.0	1.3	1	08/01/17 11:54	08/02/17 14:29	7440-43-9	
Chromium	**64.0**	ug/L	10.0	2.5	1	08/01/17 11:54	08/02/17 14:29	7440-47-3	
Lead	**38.8**	ug/L	13.0	4.3	1	08/01/17 11:54	08/02/17 14:29	7439-92-1	
Selenium	**<16.6**	ug/L	50.0	16.6	1	08/01/17 11:54	08/02/17 14:29	7782-49-2	
Silver	**<3.3**	ug/L	10.0	3.3	1	08/01/17 11:54	08/02/17 14:29	7440-22-4	
7470 Mercury	Analytical Method: EPA 7470	Preparation Method: EPA 7470							
Mercury	**<0.13**	ug/L	0.42	0.13	1	08/07/17 12:30	08/08/17 08:23	7439-97-6	
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270	Preparation Method: EPA 3510							
1,2,4-Trichlorobenzene	**<1.9**	ug/L	6.5	1.9	1	08/03/17 08:01	08/03/17 18:52	120-82-1	
1,2-Dichlorobenzene	**<1.8**	ug/L	6.1	1.8	1	08/03/17 08:01	08/03/17 18:52	95-50-1	
1,3-Dichlorobenzene	**<1.8**	ug/L	6.0	1.8	1	08/03/17 08:01	08/03/17 18:52	541-73-1	
1,4-Dichlorobenzene	**<1.8**	ug/L	6.0	1.8	1	08/03/17 08:01	08/03/17 18:52	106-46-7	
2,2'-Oxybis(1-chloropropane)	**<1.5**	ug/L	4.8	1.5	1	08/03/17 08:01	08/03/17 18:52	108-60-1	
2,4,5-Trichlorophenol	**<0.80**	ug/L	2.7	0.80	1	08/03/17 08:01	08/03/17 18:52	95-95-4	
2,4,6-Trichlorophenol	**<2.0**	ug/L	6.7	2.0	1	08/03/17 08:01	08/03/17 18:52	88-06-2	
2,4-Dichlorophenol	**<1.3**	ug/L	4.3	1.3	1	08/03/17 08:01	08/03/17 18:52	120-83-2	
2,4-Dimethylphenol	**<1.2**	ug/L	4.0	1.2	1	08/03/17 08:01	08/03/17 18:52	105-67-9	
2,4-Dinitrophenol	**<0.68**	ug/L	2.3	0.68	1	08/03/17 08:01	08/03/17 18:52	51-28-5	
2,4-Dinitrotoluene	**<0.75**	ug/L	2.5	0.75	1	08/03/17 08:01	08/03/17 18:52	121-14-2	
2,6-Dinitrotoluene	**<0.57**	ug/L	1.9	0.57	1	08/03/17 08:01	08/03/17 18:52	606-20-2	
2-Chloronaphthalene	**<1.6**	ug/L	5.2	1.6	1	08/03/17 08:01	08/03/17 18:52	91-58-7	
2-Chlorophenol	**<1.1**	ug/L	3.7	1.1	1	08/03/17 08:01	08/03/17 18:52	95-57-8	
2-Methylnaphthalene	**<1.4**	ug/L	4.8	1.4	1	08/03/17 08:01	08/03/17 18:52	91-57-6	
2-Methylphenol(o-Cresol)	**<0.83**	ug/L	2.8	0.83	1	08/03/17 08:01	08/03/17 18:52	95-48-7	
2-Nitroaniline	**<0.74**	ug/L	2.5	0.74	1	08/03/17 08:01	08/03/17 18:52	88-74-4	
2-Nitrophenol	**<1.1**	ug/L	3.7	1.1	1	08/03/17 08:01	08/03/17 18:52	88-75-5	
3&4-Methylphenol(m&p Cresol)	**<1.5**	ug/L	5.0	1.5	1	08/03/17 08:01	08/03/17 18:52		
3,3'-Dichlorobenzidine	**<0.86**	ug/L	2.9	0.86	1	08/03/17 08:01	08/03/17 18:52	91-94-1	
3-Nitroaniline	**<0.92**	ug/L	3.1	0.92	1	08/03/17 08:01	08/03/17 18:52	99-09-2	
4,6-Dinitro-2-methylphenol	**<0.62**	ug/L	2.1	0.62	1	08/03/17 08:01	08/03/17 18:52	534-52-1	
4-Bromophenylphenyl ether	**<1.9**	ug/L	6.3	1.9	1	08/03/17 08:01	08/03/17 18:52	101-55-3	
4-Chloro-3-methylphenol	**<1.6**	ug/L	5.4	1.6	1	08/03/17 08:01	08/03/17 18:52	59-50-7	
4-Chloroaniline	**<1.0**	ug/L	3.5	1.0	1	08/03/17 08:01	08/03/17 18:52	106-47-8	
4-Chlorophenylphenyl ether	**<0.78**	ug/L	2.6	0.78	1	08/03/17 08:01	08/03/17 18:52	7005-72-3	
4-Nitroaniline	**<1.7**	ug/L	5.8	1.7	1	08/03/17 08:01	08/03/17 18:52	100-01-6	
4-Nitrophenol	**<1.0**	ug/L	3.3	1.0	1	08/03/17 08:01	08/03/17 18:52	100-02-7	
Acenaphthene	**<1.3**	ug/L	4.3	1.3	1	08/03/17 08:01	08/03/17 18:52	83-32-9	
Acenaphthylene	**<1.0**	ug/L	3.4	1.0	1	08/03/17 08:01	08/03/17 18:52	208-96-8	
Anthracene	**<1.7**	ug/L	5.7	1.7	1	08/03/17 08:01	08/03/17 18:52	120-12-7	
Benzo(a)anthracene	**<0.51**	ug/L	1.7	0.51	1	08/03/17 08:01	08/03/17 18:52	56-55-3	
Benzo(a)pyrene	**<1.8**	ug/L	6.0	1.8	1	08/03/17 08:01	08/03/17 18:52	50-32-8	
Benzo(b)fluoranthene	**<0.62**	ug/L	2.1	0.62	1	08/03/17 08:01	08/03/17 18:52	205-99-2	

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ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154096

Sample: SB-36-D **Lab ID: 40154096002** Collected: 07/27/17 15:20 Received: 07/29/17 08:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510								
Benzo(g,h,i)perylene	**<0.77**	ug/L	2.6	0.77	1	08/03/17 08:01	08/03/17 18:52	191-24-2	
Benzo(k)fluoranthene	**<0.95**	ug/L	3.2	0.95	1	08/03/17 08:01	08/03/17 18:52	207-08-9	
Butylbenzylphthalate	**<0.74**	ug/L	2.5	0.74	1	08/03/17 08:01	08/03/17 18:52	85-68-7	
Carbazole	**<0.71**	ug/L	2.4	0.71	1	08/03/17 08:01	08/03/17 18:52	86-74-8	
Chrysene	**<1.7**	ug/L	5.5	1.7	1	08/03/17 08:01	08/03/17 18:52	218-01-9	
Di-n-butylphthalate	**<2.4**	ug/L	8.1	2.4	1	08/03/17 08:01	08/03/17 18:52	84-74-2	
Di-n-octylphthalate	**<1.8**	ug/L	6.0	1.8	1	08/03/17 08:01	08/03/17 18:52	117-84-0	
Dibenz(a,h)anthracene	**<1.3**	ug/L	4.2	1.3	1	08/03/17 08:01	08/03/17 18:52	53-70-3	
Dibenzofuran	**<0.73**	ug/L	2.4	0.73	1	08/03/17 08:01	08/03/17 18:52	132-64-9	
Diethylphthalate	**<1.0**	ug/L	3.4	1.0	1	08/03/17 08:01	08/03/17 18:52	84-66-2	
Dimethylphthalate	**<1.8**	ug/L	6.1	1.8	1	08/03/17 08:01	08/03/17 18:52	131-11-3	
Fluoranthene	**<0.54**	ug/L	1.8	0.54	1	08/03/17 08:01	08/03/17 18:52	206-44-0	
Fluorene	**<0.71**	ug/L	2.4	0.71	1	08/03/17 08:01	08/03/17 18:52	86-73-7	
Hexachloro-1,3-butadiene	**<2.3**	ug/L	7.8	2.3	1	08/03/17 08:01	08/03/17 18:52	87-68-3	
Hexachlorobenzene	**<1.6**	ug/L	5.4	1.6	1	08/03/17 08:01	08/03/17 18:52	118-74-1	
Hexachlorocyclopentadiene	**<0.65**	ug/L	2.2	0.65	1	08/03/17 08:01	08/03/17 18:52	77-47-4	
Hexachloroethane	**<2.5**	ug/L	8.4	2.5	1	08/03/17 08:01	08/03/17 18:52	67-72-1	
Indeno(1,2,3-cd)pyrene	**<1.4**	ug/L	4.8	1.4	1	08/03/17 08:01	08/03/17 18:52	193-39-5	
Isophorone	**<0.70**	ug/L	2.3	0.70	1	08/03/17 08:01	08/03/17 18:52	78-59-1	
N-Nitroso-di-n-propylamine	**<0.92**	ug/L	3.1	0.92	1	08/03/17 08:01	08/03/17 18:52	621-64-7	
N-Nitrosodiphenylamine	**<3.4**	ug/L	11.2	3.4	1	08/03/17 08:01	08/03/17 18:52	86-30-6	
Naphthalene	**<1.8**	ug/L	6.0	1.8	1	08/03/17 08:01	08/03/17 18:52	91-20-3	
Nitrobenzene	**<1.4**	ug/L	4.6	1.4	1	08/03/17 08:01	08/03/17 18:52	98-95-3	
Pentachlorophenol	**<1.4**	ug/L	4.6	1.4	1	08/03/17 08:01	08/03/17 18:52	87-86-5	
Phenanthrene	**<1.7**	ug/L	5.8	1.7	1	08/03/17 08:01	08/03/17 18:52	85-01-8	
Phenol	**<0.57**	ug/L	1.9	0.57	1	08/03/17 08:01	08/03/17 18:52	108-95-2	
Pyrene	**<1.3**	ug/L	4.3	1.3	1	08/03/17 08:01	08/03/17 18:52	129-00-0	
bis(2-Chloroethoxy)methane	**<0.95**	ug/L	3.2	0.95	1	08/03/17 08:01	08/03/17 18:52	111-91-1	
bis(2-Chloroethyl) ether	**<1.5**	ug/L	5.0	1.5	1	08/03/17 08:01	08/03/17 18:52	111-44-4	
bis(2-Ethylhexyl)phthalate	**1.8J**	ug/L	2.2	0.66	1	08/03/17 08:01	08/03/17 18:52	117-81-7	
Surrogates									
Nitrobenzene-d5 (S)	88	%	53-100		1	08/03/17 08:01	08/03/17 18:52	4165-60-0	
2-Fluorobiphenyl (S)	71	%	59-109		1	08/03/17 08:01	08/03/17 18:52	321-60-8	
Terphenyl-d14 (S)	101	%	59-108		1	08/03/17 08:01	08/03/17 18:52	1718-51-0	
Phenol-d6 (S)	34	%	18-120		1	08/03/17 08:01	08/03/17 18:52	13127-88-3	
2-Fluorophenol (S)	54	%	27-67		1	08/03/17 08:01	08/03/17 18:52	367-12-4	
2,4,6-Tribromophenol (S)	110	%	65-140		1	08/03/17 08:01	08/03/17 18:52	118-79-6	
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 17:59	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		08/01/17 17:59	108-86-1	
Bromochloromethane	**<0.34**	ug/L	1.0	0.34	1		08/01/17 17:59	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		08/01/17 17:59	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		08/01/17 17:59	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		08/01/17 17:59	74-83-9	
n-Butylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 17:59	104-51-8	

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ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154096

Sample: SB-36-D **Lab ID: 40154096002** Collected: 07/27/17 15:20 Received: 07/29/17 08:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		08/01/17 17:59	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		08/01/17 17:59	98-06-6	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		08/01/17 17:59	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 17:59	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		08/01/17 17:59	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		08/01/17 17:59	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		08/01/17 17:59	74-87-3	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 17:59	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		08/01/17 17:59	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		08/01/17 17:59	96-12-8	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		08/01/17 17:59	124-48-1	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		08/01/17 17:59	106-93-4	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		08/01/17 17:59	74-95-3	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 17:59	95-50-1	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 17:59	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 17:59	106-46-7	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		08/01/17 17:59	75-71-8	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		08/01/17 17:59	75-34-3	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		08/01/17 17:59	107-06-2	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		08/01/17 17:59	75-35-4	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		08/01/17 17:59	156-59-2	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		08/01/17 17:59	156-60-5	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		08/01/17 17:59	78-87-5	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		08/01/17 17:59	142-28-9	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		08/01/17 17:59	594-20-7	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		08/01/17 17:59	563-58-6	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 17:59	10061-01-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		08/01/17 17:59	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		08/01/17 17:59	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 17:59	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		08/01/17 17:59	87-68-3	
Isopropylbenzene (Cumene)	**<0.14**	ug/L	1.0	0.14	1		08/01/17 17:59	98-82-8	
p-Isopropyltoluene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 17:59	99-87-6	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		08/01/17 17:59	75-09-2	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		08/01/17 17:59	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		08/01/17 17:59	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 17:59	103-65-1	
Styrene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 17:59	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		08/01/17 17:59	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.25**	ug/L	1.0	0.25	1		08/01/17 17:59	79-34-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 17:59	127-18-4	
Toluene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 17:59	108-88-3	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		08/01/17 17:59	87-61-6	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		08/01/17 17:59	120-82-1	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		08/01/17 17:59	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		08/01/17 17:59	79-00-5	

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1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154096

Sample: SB-36-D **Lab ID: 40154096002** Collected: 07/27/17 15:20 Received: 07/29/17 08:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		08/01/17 17:59	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		08/01/17 17:59	75-69-4	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		08/01/17 17:59	96-18-4	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 17:59	95-63-6	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 17:59	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		08/01/17 17:59	75-01-4	
m&p-Xylene	**<1.0**	ug/L	2.0	1.0	1		08/01/17 17:59	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 17:59	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	87	%	61-130		1		08/01/17 17:59	460-00-4	
Dibromofluoromethane (S)	105	%	67-130		1		08/01/17 17:59	1868-53-7	
Toluene-d8 (S)	97	%	70-130		1		08/01/17 17:59	2037-26-5	

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ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154096

Sample: SB-37-D **Lab ID: 40154096003** Collected: 07/27/17 16:05 Received: 07/29/17 08:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**19.8J**	ug/L	25.0	8.3	1	08/01/17 11:54	08/02/17 14:32	7440-38-2	
Barium	**124**	ug/L	5.0	1.5	1	08/01/17 11:54	08/02/17 14:32	7440-39-3	
Cadmium	**<1.3**	ug/L	5.0	1.3	1	08/01/17 11:54	08/02/17 14:32	7440-43-9	
Chromium	**180**	ug/L	10.0	2.5	1	08/01/17 11:54	08/02/17 14:32	7440-47-3	
Lead	**29.8**	ug/L	13.0	4.3	1	08/01/17 11:54	08/02/17 14:32	7439-92-1	
Selenium	**<16.6**	ug/L	50.0	16.6	1	08/01/17 11:54	08/02/17 14:32	7782-49-2	
Silver	**<3.3**	ug/L	10.0	3.3	1	08/01/17 11:54	08/02/17 14:32	7440-22-4	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**<0.13**	ug/L	0.42	0.13	1	08/07/17 12:30	08/08/17 08:25	7439-97-6	
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510								
1,2,4-Trichlorobenzene	**<1.9**	ug/L	6.5	1.9	1	08/03/17 08:01	08/04/17 08:40	120-82-1	
1,2-Dichlorobenzene	**<1.8**	ug/L	6.1	1.8	1	08/03/17 08:01	08/04/17 08:40	95-50-1	
1,3-Dichlorobenzene	**<1.8**	ug/L	6.0	1.8	1	08/03/17 08:01	08/04/17 08:40	541-73-1	
1,4-Dichlorobenzene	**<1.8**	ug/L	6.0	1.8	1	08/03/17 08:01	08/04/17 08:40	106-46-7	
2,2'-Oxybis(1-chloropropane)	**<1.5**	ug/L	4.8	1.5	1	08/03/17 08:01	08/04/17 08:40	108-60-1	
2,4,5-Trichlorophenol	**<0.80**	ug/L	2.7	0.80	1	08/03/17 08:01	08/04/17 08:40	95-95-4	
2,4,6-Trichlorophenol	**<2.0**	ug/L	6.7	2.0	1	08/03/17 08:01	08/04/17 08:40	88-06-2	
2,4-Dichlorophenol	**<1.3**	ug/L	4.3	1.3	1	08/03/17 08:01	08/04/17 08:40	120-83-2	
2,4-Dimethylphenol	**<1.2**	ug/L	4.0	1.2	1	08/03/17 08:01	08/04/17 08:40	105-67-9	
2,4-Dinitrophenol	**<0.68**	ug/L	2.3	0.68	1	08/03/17 08:01	08/04/17 08:40	51-28-5	
2,4-Dinitrotoluene	**<0.75**	ug/L	2.5	0.75	1	08/03/17 08:01	08/04/17 08:40	121-14-2	
2,6-Dinitrotoluene	**<0.57**	ug/L	1.9	0.57	1	08/03/17 08:01	08/04/17 08:40	606-20-2	
2-Chloronaphthalene	**<1.6**	ug/L	5.2	1.6	1	08/03/17 08:01	08/04/17 08:40	91-58-7	
2-Chlorophenol	**<1.1**	ug/L	3.7	1.1	1	08/03/17 08:01	08/04/17 08:40	95-57-8	
2-Methylnaphthalene	**<1.4**	ug/L	4.8	1.4	1	08/03/17 08:01	08/04/17 08:40	91-57-6	
2-Methylphenol(o-Cresol)	**<0.83**	ug/L	2.8	0.83	1	08/03/17 08:01	08/04/17 08:40	95-48-7	
2-Nitroaniline	**<0.74**	ug/L	2.5	0.74	1	08/03/17 08:01	08/04/17 08:40	88-74-4	
2-Nitrophenol	**<1.1**	ug/L	3.7	1.1	1	08/03/17 08:01	08/04/17 08:40	88-75-5	
3&4-Methylphenol(m&p Cresol)	**<1.5**	ug/L	5.0	1.5	1	08/03/17 08:01	08/04/17 08:40		
3,3'-Dichlorobenzidine	**<0.86**	ug/L	2.9	0.86	1	08/03/17 08:01	08/04/17 08:40	91-94-1	
3-Nitroaniline	**<0.92**	ug/L	3.1	0.92	1	08/03/17 08:01	08/04/17 08:40	99-09-2	
4,6-Dinitro-2-methylphenol	**<0.62**	ug/L	2.1	0.62	1	08/03/17 08:01	08/04/17 08:40	534-52-1	
4-Bromophenylphenyl ether	**<1.9**	ug/L	6.3	1.9	1	08/03/17 08:01	08/04/17 08:40	101-55-3	
4-Chloro-3-methylphenol	**<1.6**	ug/L	5.4	1.6	1	08/03/17 08:01	08/04/17 08:40	59-50-7	
4-Chloroaniline	**<1.0**	ug/L	3.5	1.0	1	08/03/17 08:01	08/04/17 08:40	106-47-8	
4-Chlorophenylphenyl ether	**<0.78**	ug/L	2.6	0.78	1	08/03/17 08:01	08/04/17 08:40	7005-72-3	
4-Nitroaniline	**<1.7**	ug/L	5.8	1.7	1	08/03/17 08:01	08/04/17 08:40	100-01-6	
4-Nitrophenol	**<1.0**	ug/L	3.3	1.0	1	08/03/17 08:01	08/04/17 08:40	100-02-7	
Acenaphthene	**<1.3**	ug/L	4.3	1.3	1	08/03/17 08:01	08/04/17 08:40	83-32-9	
Acenaphthylene	**<1.0**	ug/L	3.4	1.0	1	08/03/17 08:01	08/04/17 08:40	208-96-8	
Anthracene	**<1.7**	ug/L	5.7	1.7	1	08/03/17 08:01	08/04/17 08:40	120-12-7	
Benzo(a)anthracene	**<0.51**	ug/L	1.7	0.51	1	08/03/17 08:01	08/04/17 08:40	56-55-3	
Benzo(a)pyrene	**<1.8**	ug/L	6.0	1.8	1	08/03/17 08:01	08/04/17 08:40	50-32-8	
Benzo(b)fluoranthene	**<0.62**	ug/L	2.1	0.62	1	08/03/17 08:01	08/04/17 08:40	205-99-2	

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ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154096

Sample: SB-37-D **Lab ID: 40154096003** Collected: 07/27/17 16:05 Received: 07/29/17 08:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510								
Benzo(g,h,i)perylene	**<0.77**	ug/L	2.6	0.77	1	08/03/17 08:01	08/04/17 08:40	191-24-2	
Benzo(k)fluoranthene	**<0.95**	ug/L	3.2	0.95	1	08/03/17 08:01	08/04/17 08:40	207-08-9	
Butylbenzylphthalate	**<0.74**	ug/L	2.5	0.74	1	08/03/17 08:01	08/04/17 08:40	85-68-7	
Carbazole	**<0.71**	ug/L	2.4	0.71	1	08/03/17 08:01	08/04/17 08:40	86-74-8	
Chrysene	**<1.7**	ug/L	5.5	1.7	1	08/03/17 08:01	08/04/17 08:40	218-01-9	
Di-n-butylphthalate	**<2.4**	ug/L	8.1	2.4	1	08/03/17 08:01	08/04/17 08:40	84-74-2	
Di-n-octylphthalate	**<1.8**	ug/L	6.0	1.8	1	08/03/17 08:01	08/04/17 08:40	117-84-0	
Dibenz(a,h)anthracene	**<1.3**	ug/L	4.2	1.3	1	08/03/17 08:01	08/04/17 08:40	53-70-3	
Dibenzofuran	**<0.73**	ug/L	2.4	0.73	1	08/03/17 08:01	08/04/17 08:40	132-64-9	
Diethylphthalate	**<1.0**	ug/L	3.4	1.0	1	08/03/17 08:01	08/04/17 08:40	84-66-2	
Dimethylphthalate	**<1.8**	ug/L	6.1	1.8	1	08/03/17 08:01	08/04/17 08:40	131-11-3	
Fluoranthene	**<0.54**	ug/L	1.8	0.54	1	08/03/17 08:01	08/04/17 08:40	206-44-0	
Fluorene	**<0.71**	ug/L	2.4	0.71	1	08/03/17 08:01	08/04/17 08:40	86-73-7	
Hexachloro-1,3-butadiene	**<2.3**	ug/L	7.8	2.3	1	08/03/17 08:01	08/04/17 08:40	87-68-3	
Hexachlorobenzene	**<1.6**	ug/L	5.4	1.6	1	08/03/17 08:01	08/04/17 08:40	118-74-1	
Hexachlorocyclopentadiene	**<0.65**	ug/L	2.2	0.65	1	08/03/17 08:01	08/04/17 08:40	77-47-4	
Hexachloroethane	**<2.5**	ug/L	8.4	2.5	1	08/03/17 08:01	08/04/17 08:40	67-72-1	
Indeno(1,2,3-cd)pyrene	**<1.4**	ug/L	4.8	1.4	1	08/03/17 08:01	08/04/17 08:40	193-39-5	
Isophorone	**<0.70**	ug/L	2.3	0.70	1	08/03/17 08:01	08/04/17 08:40	78-59-1	
N-Nitroso-di-n-propylamine	**<0.92**	ug/L	3.1	0.92	1	08/03/17 08:01	08/04/17 08:40	621-64-7	
N-Nitrosodiphenylamine	**<3.4**	ug/L	11.2	3.4	1	08/03/17 08:01	08/04/17 08:40	86-30-6	
Naphthalene	**<1.8**	ug/L	6.0	1.8	1	08/03/17 08:01	08/04/17 08:40	91-20-3	
Nitrobenzene	**<1.4**	ug/L	4.6	1.4	1	08/03/17 08:01	08/04/17 08:40	98-95-3	
Pentachlorophenol	**<1.4**	ug/L	4.6	1.4	1	08/03/17 08:01	08/04/17 08:40	87-86-5	
Phenanthrene	**<1.7**	ug/L	5.8	1.7	1	08/03/17 08:01	08/04/17 08:40	85-01-8	
Phenol	**<0.57**	ug/L	1.9	0.57	1	08/03/17 08:01	08/04/17 08:40	108-95-2	
Pyrene	**<1.3**	ug/L	4.3	1.3	1	08/03/17 08:01	08/04/17 08:40	129-00-0	
bis(2-Chloroethoxy)methane	**<0.95**	ug/L	3.2	0.95	1	08/03/17 08:01	08/04/17 08:40	111-91-1	
bis(2-Chloroethyl) ether	**<1.5**	ug/L	5.0	1.5	1	08/03/17 08:01	08/04/17 08:40	111-44-4	
bis(2-Ethylhexyl)phthalate	**<0.66**	ug/L	2.2	0.66	1	08/03/17 08:01	08/04/17 08:40	117-81-7	
Surrogates									
Nitrobenzene-d5 (S)	91	%	53-100		1	08/03/17 08:01	08/04/17 08:40	4165-60-0	
2-Fluorobiphenyl (S)	85	%	59-109		1	08/03/17 08:01	08/04/17 08:40	321-60-8	
Terphenyl-d14 (S)	96	%	59-108		1	08/03/17 08:01	08/04/17 08:40	1718-51-0	
Phenol-d6 (S)	34	%	18-120		1	08/03/17 08:01	08/04/17 08:40	13127-88-3	
2-Fluorophenol (S)	53	%	27-67		1	08/03/17 08:01	08/04/17 08:40	367-12-4	
2,4,6-Tribromophenol (S)	115	%	65-140		1	08/03/17 08:01	08/04/17 08:40	118-79-6	E
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 19:28	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		08/01/17 19:28	108-86-1	
Bromochloromethane	**<0.34**	ug/L	1.0	0.34	1		08/01/17 19:28	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		08/01/17 19:28	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		08/01/17 19:28	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		08/01/17 19:28	74-83-9	
n-Butylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 19:28	104-51-8	

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ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154096

Sample: SB-37-D **Lab ID: 40154096003** Collected: 07/27/17 16:05 Received: 07/29/17 08:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		08/01/17 19:28	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		08/01/17 19:28	98-06-6	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		08/01/17 19:28	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 19:28	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		08/01/17 19:28	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		08/01/17 19:28	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		08/01/17 19:28	74-87-3	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 19:28	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		08/01/17 19:28	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		08/01/17 19:28	96-12-8	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		08/01/17 19:28	124-48-1	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		08/01/17 19:28	106-93-4	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		08/01/17 19:28	74-95-3	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 19:28	95-50-1	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 19:28	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 19:28	106-46-7	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		08/01/17 19:28	75-71-8	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		08/01/17 19:28	75-34-3	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		08/01/17 19:28	107-06-2	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		08/01/17 19:28	75-35-4	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		08/01/17 19:28	156-59-2	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		08/01/17 19:28	156-60-5	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		08/01/17 19:28	78-87-5	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		08/01/17 19:28	142-28-9	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		08/01/17 19:28	594-20-7	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		08/01/17 19:28	563-58-6	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 19:28	10061-01-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		08/01/17 19:28	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		08/01/17 19:28	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 19:28	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		08/01/17 19:28	87-68-3	
Isopropylbenzene (Cumene)	**<0.14**	ug/L	1.0	0.14	1		08/01/17 19:28	98-82-8	
p-Isopropyltoluene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 19:28	99-87-6	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		08/01/17 19:28	75-09-2	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		08/01/17 19:28	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		08/01/17 19:28	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 19:28	103-65-1	
Styrene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 19:28	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		08/01/17 19:28	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.25**	ug/L	1.0	0.25	1		08/01/17 19:28	79-34-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 19:28	127-18-4	
Toluene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 19:28	108-88-3	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		08/01/17 19:28	87-61-6	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		08/01/17 19:28	120-82-1	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		08/01/17 19:28	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		08/01/17 19:28	79-00-5	

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ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154096

Sample: SB-37-D **Lab ID: 40154096003** Collected: 07/27/17 16:05 Received: 07/29/17 08:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		08/01/17 19:28	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		08/01/17 19:28	75-69-4	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		08/01/17 19:28	96-18-4	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 19:28	95-63-6	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 19:28	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		08/01/17 19:28	75-01-4	
m&p-Xylene	**<1.0**	ug/L	2.0	1.0	1		08/01/17 19:28	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 19:28	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	90	%	61-130		1		08/01/17 19:28	460-00-4	
Dibromofluoromethane (S)	108	%	67-130		1		08/01/17 19:28	1868-53-7	
Toluene-d8 (S)	99	%	70-130		1		08/01/17 19:28	2037-26-5	

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ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154096

Sample: SB-38-S **Lab ID: 40154096004** Collected: 07/27/17 16:40 Received: 07/29/17 08:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010	Preparation Method: EPA 3010							
Arsenic	**51.5**	ug/L	25.0	8.3	1	08/01/17 11:54	08/02/17 14:34	7440-38-2	
Barium	**279**	ug/L	5.0	1.5	1	08/01/17 11:54	08/02/17 14:34	7440-39-3	
Cadmium	**<1.3**	ug/L	5.0	1.3	1	08/01/17 11:54	08/02/17 14:34	7440-43-9	
Chromium	**3.2J**	ug/L	10.0	2.5	1	08/01/17 11:54	08/02/17 14:34	7440-47-3	
Lead	**<4.3**	ug/L	13.0	4.3	1	08/01/17 11:54	08/02/17 14:34	7439-92-1	
Selenium	**<16.6**	ug/L	50.0	16.6	1	08/01/17 11:54	08/02/17 14:34	7782-49-2	
Silver	**<3.3**	ug/L	10.0	3.3	1	08/01/17 11:54	08/02/17 14:34	7440-22-4	
7470 Mercury	Analytical Method: EPA 7470	Preparation Method: EPA 7470							
Mercury	**<0.13**	ug/L	0.42	0.13	1	08/07/17 12:30	08/08/17 08:28	7439-97-6	
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270	Preparation Method: EPA 3510							
1,2,4-Trichlorobenzene	**<38.8**	ug/L	129	38.8	20	08/03/17 08:01	08/04/17 11:51	120-82-1	
1,2-Dichlorobenzene	**<36.8**	ug/L	123	36.8	20	08/03/17 08:01	08/04/17 11:51	95-50-1	
1,3-Dichlorobenzene	**<35.9**	ug/L	120	35.9	20	08/03/17 08:01	08/04/17 11:51	541-73-1	
1,4-Dichlorobenzene	**<35.8**	ug/L	119	35.8	20	08/03/17 08:01	08/04/17 11:51	106-46-7	
2,2'-Oxybis(1-chloropropane)	**<29.1**	ug/L	96.9	29.1	20	08/03/17 08:01	08/04/17 11:51	108-60-1	
2,4,5-Trichlorophenol	**<16.0**	ug/L	53.5	16.0	20	08/03/17 08:01	08/04/17 11:51	95-95-4	
2,4,6-Trichlorophenol	**<40.2**	ug/L	134	40.2	20	08/03/17 08:01	08/04/17 11:51	88-06-2	
2,4-Dichlorophenol	**<26.0**	ug/L	86.8	26.0	20	08/03/17 08:01	08/04/17 11:51	120-83-2	
2,4-Dimethylphenol	**<24.1**	ug/L	80.3	24.1	20	08/03/17 08:01	08/04/17 11:51	105-67-9	
2,4-Dinitrophenol	**<13.5**	ug/L	45.2	13.5	20	08/03/17 08:01	08/04/17 11:51	51-28-5	
2,4-Dinitrotoluene	**<15.1**	ug/L	50.3	15.1	20	08/03/17 08:01	08/04/17 11:51	121-14-2	
2,6-Dinitrotoluene	**<11.5**	ug/L	38.3	11.5	20	08/03/17 08:01	08/04/17 11:51	606-20-2	
2-Chloronaphthalene	**<31.3**	ug/L	104	31.3	20	08/03/17 08:01	08/04/17 11:51	91-58-7	
2-Chlorophenol	**<22.0**	ug/L	73.4	22.0	20	08/03/17 08:01	08/04/17 11:51	95-57-8	
2-Methylnaphthalene	**<28.8**	ug/L	96.1	28.8	20	08/03/17 08:01	08/04/17 11:51	91-57-6	
2-Methylphenol(o-Cresol)	**<16.5**	ug/L	55.1	16.5	20	08/03/17 08:01	08/04/17 11:51	95-48-7	
2-Nitroaniline	**<14.7**	ug/L	49.1	14.7	20	08/03/17 08:01	08/04/17 11:51	88-74-4	
2-Nitrophenol	**<22.2**	ug/L	73.9	22.2	20	08/03/17 08:01	08/04/17 11:51	88-75-5	
3&4-Methylphenol(m&p Cresol)	**<29.7**	ug/L	99.2	29.7	20	08/03/17 08:01	08/04/17 11:51		
3,3'-Dichlorobenzidine	**<17.2**	ug/L	57.5	17.2	20	08/03/17 08:01	08/04/17 11:51	91-94-1	
3-Nitroaniline	**<18.5**	ug/L	61.6	18.5	20	08/03/17 08:01	08/04/17 11:51	99-09-2	
4,6-Dinitro-2-methylphenol	**<12.5**	ug/L	41.5	12.5	20	08/03/17 08:01	08/04/17 11:51	534-52-1	
4-Bromophenylphenyl ether	**<37.6**	ug/L	125	37.6	20	08/03/17 08:01	08/04/17 11:51	101-55-3	
4-Chloro-3-methylphenol	**<32.1**	ug/L	107	32.1	20	08/03/17 08:01	08/04/17 11:51	59-50-7	
4-Chloroaniline	**<20.9**	ug/L	69.6	20.9	20	08/03/17 08:01	08/04/17 11:51	106-47-8	
4-Chlorophenylphenyl ether	**<15.6**	ug/L	52.0	15.6	20	08/03/17 08:01	08/04/17 11:51	7005-72-3	
4-Nitroaniline	**<34.9**	ug/L	116	34.9	20	08/03/17 08:01	08/04/17 11:51	100-01-6	
4-Nitrophenol	**<20.0**	ug/L	66.5	20.0	20	08/03/17 08:01	08/04/17 11:51	100-02-7	
Acenaphthene	**<25.5**	ug/L	85.0	25.5	20	08/03/17 08:01	08/04/17 11:51	83-32-9	
Acenaphthylene	**<20.2**	ug/L	67.4	20.2	20	08/03/17 08:01	08/04/17 11:51	208-96-8	
Anthracene	**<34.4**	ug/L	115	34.4	20	08/03/17 08:01	08/04/17 11:51	120-12-7	
Benzo(a)anthracene	**<10.2**	ug/L	34.0	10.2	20	08/03/17 08:01	08/04/17 11:51	56-55-3	
Benzo(a)pyrene	**<35.9**	ug/L	120	35.9	20	08/03/17 08:01	08/04/17 11:51	50-32-8	
Benzo(b)fluoranthene	**<12.5**	ug/L	41.5	12.5	20	08/03/17 08:01	08/04/17 11:51	205-99-2	

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ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154096

Sample: SB-38-S **Lab ID: 40154096004** Collected: 07/27/17 16:40 Received: 07/29/17 08:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510								
Benzo(g,h,i)perylene	**<15.4**	ug/L	51.5	15.4	20	08/03/17 08:01	08/04/17 11:51	191-24-2	
Benzo(k)fluoranthene	**<19.1**	ug/L	63.7	19.1	20	08/03/17 08:01	08/04/17 11:51	207-08-9	
Butylbenzylphthalate	**<14.7**	ug/L	49.1	14.7	20	08/03/17 08:01	08/04/17 11:51	85-68-7	
Carbazole	**<14.3**	ug/L	47.6	14.3	20	08/03/17 08:01	08/04/17 11:51	86-74-8	
Chrysene	**<33.1**	ug/L	110	33.1	20	08/03/17 08:01	08/04/17 11:51	218-01-9	
Di-n-butylphthalate	**<48.8**	ug/L	163	48.8	20	08/03/17 08:01	08/04/17 11:51	84-74-2	
Di-n-octylphthalate	**<36.0**	ug/L	120	36.0	20	08/03/17 08:01	08/04/17 11:51	117-84-0	
Dibenz(a,h)anthracene	**<25.2**	ug/L	83.9	25.2	20	08/03/17 08:01	08/04/17 11:51	53-70-3	
Dibenzofuran	**<14.6**	ug/L	48.8	14.6	20	08/03/17 08:01	08/04/17 11:51	132-64-9	
Diethylphthalate	**<20.6**	ug/L	68.7	20.6	20	08/03/17 08:01	08/04/17 11:51	84-66-2	
Dimethylphthalate	**<36.8**	ug/L	123	36.8	20	08/03/17 08:01	08/04/17 11:51	131-11-3	
Fluoranthene	**12.3J**	ug/L	35.8	10.7	20	08/03/17 08:01	08/04/17 11:51	206-44-0	
Fluorene	**<14.3**	ug/L	47.6	14.3	20	08/03/17 08:01	08/04/17 11:51	86-73-7	
Hexachloro-1,3-butadiene	**<46.9**	ug/L	156	46.9	20	08/03/17 08:01	08/04/17 11:51	87-68-3	
Hexachlorobenzene	**<32.3**	ug/L	108	32.3	20	08/03/17 08:01	08/04/17 11:51	118-74-1	
Hexachlorocyclopentadiene	**<12.9**	ug/L	43.1	12.9	20	08/03/17 08:01	08/04/17 11:51	77-47-4	
Hexachloroethane	**<50.7**	ug/L	169	50.7	20	08/03/17 08:01	08/04/17 11:51	67-72-1	
Indeno(1,2,3-cd)pyrene	**<28.5**	ug/L	95.1	28.5	20	08/03/17 08:01	08/04/17 11:51	193-39-5	
Isophorone	**<14.0**	ug/L	46.6	14.0	20	08/03/17 08:01	08/04/17 11:51	78-59-1	
N-Nitroso-di-n-propylamine	**<18.5**	ug/L	61.7	18.5	20	08/03/17 08:01	08/04/17 11:51	621-64-7	
N-Nitrosodiphenylamine	**<67.2**	ug/L	224	67.2	20	08/03/17 08:01	08/04/17 11:51	86-30-6	
Naphthalene	**<36.2**	ug/L	121	36.2	20	08/03/17 08:01	08/04/17 11:51	91-20-3	
Nitrobenzene	**<27.6**	ug/L	92.1	27.6	20	08/03/17 08:01	08/04/17 11:51	98-95-3	
Pentachlorophenol	**<27.3**	ug/L	91.1	27.3	20	08/03/17 08:01	08/04/17 11:51	87-86-5	
Phenanthrene	**<34.7**	ug/L	116	34.7	20	08/03/17 08:01	08/04/17 11:51	85-01-8	
Phenol	**<11.4**	ug/L	38.1	11.4	20	08/03/17 08:01	08/04/17 11:51	108-95-2	D3
Pyrene	**<25.7**	ug/L	85.5	25.7	20	08/03/17 08:01	08/04/17 11:51	129-00-0	
bis(2-Chloroethoxy)methane	**<19.0**	ug/L	63.3	19.0	20	08/03/17 08:01	08/04/17 11:51	111-91-1	
bis(2-Chloroethyl) ether	**<30.1**	ug/L	100	30.1	20	08/03/17 08:01	08/04/17 11:51	111-44-4	
bis(2-Ethylhexyl)phthalate	**<13.2**	ug/L	44.0	13.2	20	08/03/17 08:01	08/04/17 11:51	117-81-7	
Surrogates									
Nitrobenzene-d5 (S)	52	%	53-100		20	08/03/17 08:01	08/04/17 11:51	4165-60-0	S4
2-Fluorobiphenyl (S)	86	%	59-109		20	08/03/17 08:01	08/04/17 11:51	321-60-8	
Terphenyl-d14 (S)	98	%	59-108		20	08/03/17 08:01	08/04/17 11:51	1718-51-0	
Phenol-d6 (S)	21	%	18-120		20	08/03/17 08:01	08/04/17 11:51	13127-88-3	
2-Fluorophenol (S)	28	%	27-67		20	08/03/17 08:01	08/04/17 11:51	367-12-4	
2,4,6-Tribromophenol (S)	84	%	65-140		20	08/03/17 08:01	08/04/17 11:51	118-79-6	
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<0.50**	ug/L	1.0	0.50	1		08/02/17 11:52	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		08/02/17 11:52	108-86-1	
Bromochloromethane	**<0.34**	ug/L	1.0	0.34	1		08/02/17 11:52	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		08/02/17 11:52	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		08/02/17 11:52	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		08/02/17 11:52	74-83-9	
n-Butylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/02/17 11:52	104-51-8	

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ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154096

Sample: SB-38-S **Lab ID: 40154096004** Collected: 07/27/17 16:40 Received: 07/29/17 08:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		08/02/17 11:52	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		08/02/17 11:52	98-06-6	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		08/02/17 11:52	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/02/17 11:52	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		08/02/17 11:52	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		08/02/17 11:52	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		08/02/17 11:52	74-87-3	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		08/02/17 11:52	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		08/02/17 11:52	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		08/02/17 11:52	96-12-8	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		08/02/17 11:52	124-48-1	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		08/02/17 11:52	106-93-4	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		08/02/17 11:52	74-95-3	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/02/17 11:52	95-50-1	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/02/17 11:52	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/02/17 11:52	106-46-7	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		08/02/17 11:52	75-71-8	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		08/02/17 11:52	75-34-3	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		08/02/17 11:52	107-06-2	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		08/02/17 11:52	75-35-4	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		08/02/17 11:52	156-59-2	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		08/02/17 11:52	156-60-5	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		08/02/17 11:52	78-87-5	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		08/02/17 11:52	142-28-9	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		08/02/17 11:52	594-20-7	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		08/02/17 11:52	563-58-6	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		08/02/17 11:52	10061-01-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		08/02/17 11:52	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		08/02/17 11:52	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/02/17 11:52	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		08/02/17 11:52	87-68-3	
Isopropylbenzene (Cumene)	**<0.14**	ug/L	1.0	0.14	1		08/02/17 11:52	98-82-8	
p-Isopropyltoluene	**<0.50**	ug/L	1.0	0.50	1		08/02/17 11:52	99-87-6	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		08/02/17 11:52	75-09-2	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		08/02/17 11:52	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		08/02/17 11:52	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/02/17 11:52	103-65-1	
Styrene	**<0.50**	ug/L	1.0	0.50	1		08/02/17 11:52	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		08/02/17 11:52	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.25**	ug/L	1.0	0.25	1		08/02/17 11:52	79-34-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		08/02/17 11:52	127-18-4	
Toluene	**<0.50**	ug/L	1.0	0.50	1		08/02/17 11:52	108-88-3	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		08/02/17 11:52	87-61-6	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		08/02/17 11:52	120-82-1	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		08/02/17 11:52	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		08/02/17 11:52	79-00-5	

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ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154096

Sample: SB-38-S **Lab ID: 40154096004** Collected: 07/27/17 16:40 Received: 07/29/17 08:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		08/02/17 11:52	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		08/02/17 11:52	75-69-4	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		08/02/17 11:52	96-18-4	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/02/17 11:52	95-63-6	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/02/17 11:52	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		08/02/17 11:52	75-01-4	
m&p-Xylene	**<1.0**	ug/L	2.0	1.0	1		08/02/17 11:52	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		08/02/17 11:52	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	89	%	61-130		1		08/02/17 11:52	460-00-4	
Dibromofluoromethane (S)	107	%	67-130		1		08/02/17 11:52	1868-53-7	
Toluene-d8 (S)	99	%	70-130		1		08/02/17 11:52	2037-26-5	

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ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154096

Sample: SB-33-S **Lab ID: 40154096005** Collected: 07/28/17 09:45 Received: 07/29/17 08:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**<8.3**	ug/L	25.0	8.3	1	08/01/17 11:54	08/02/17 14:37	7440-38-2	
Barium	**340**	ug/L	5.0	1.5	1	08/01/17 11:54	08/02/17 14:37	7440-39-3	
Cadmium	**<1.3**	ug/L	5.0	1.3	1	08/01/17 11:54	08/02/17 14:37	7440-43-9	
Chromium	**14.2**	ug/L	10.0	2.5	1	08/01/17 11:54	08/02/17 14:37	7440-47-3	
Lead	**11.2J**	ug/L	13.0	4.3	1	08/01/17 11:54	08/02/17 14:37	7439-92-1	
Selenium	**<16.6**	ug/L	50.0	16.6	1	08/01/17 11:54	08/02/17 14:37	7782-49-2	
Silver	**<3.3**	ug/L	10.0	3.3	1	08/01/17 11:54	08/02/17 14:37	7440-22-4	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**<0.13**	ug/L	0.42	0.13	1	08/07/17 12:30	08/08/17 08:30	7439-97-6	
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510								
1,2,4-Trichlorobenzene	**<2.0**	ug/L	6.6	2.0	1	08/03/17 08:01	08/04/17 09:01	120-82-1	
1,2-Dichlorobenzene	**<1.9**	ug/L	6.3	1.9	1	08/03/17 08:01	08/04/17 09:01	95-50-1	
1,3-Dichlorobenzene	**<1.8**	ug/L	6.2	1.8	1	08/03/17 08:01	08/04/17 09:01	541-73-1	
1,4-Dichlorobenzene	**<1.8**	ug/L	6.1	1.8	1	08/03/17 08:01	08/04/17 09:01	106-46-7	
2,2'-Oxybis(1-chloropropane)	**<1.5**	ug/L	5.0	1.5	1	08/03/17 08:01	08/04/17 09:01	108-60-1	
2,4,5-Trichlorophenol	**<0.83**	ug/L	2.8	0.83	1	08/03/17 08:01	08/04/17 09:01	95-95-4	
2,4,6-Trichlorophenol	**<2.1**	ug/L	6.9	2.1	1	08/03/17 08:01	08/04/17 09:01	88-06-2	
2,4-Dichlorophenol	**<1.3**	ug/L	4.5	1.3	1	08/03/17 08:01	08/04/17 09:01	120-83-2	
2,4-Dimethylphenol	**<1.2**	ug/L	4.1	1.2	1	08/03/17 08:01	08/04/17 09:01	105-67-9	
2,4-Dinitrophenol	**<0.70**	ug/L	2.3	0.70	1	08/03/17 08:01	08/04/17 09:01	51-28-5	
2,4-Dinitrotoluene	**<0.78**	ug/L	2.6	0.78	1	08/03/17 08:01	08/04/17 09:01	121-14-2	
2,6-Dinitrotoluene	**<0.59**	ug/L	2.0	0.59	1	08/03/17 08:01	08/04/17 09:01	606-20-2	
2-Chloronaphthalene	**<1.6**	ug/L	5.4	1.6	1	08/03/17 08:01	08/04/17 09:01	91-58-7	
2-Chlorophenol	**<1.1**	ug/L	3.8	1.1	1	08/03/17 08:01	08/04/17 09:01	95-57-8	
2-Methylnaphthalene	**<1.5**	ug/L	4.9	1.5	1	08/03/17 08:01	08/04/17 09:01	91-57-6	
2-Methylphenol(o-Cresol)	**<0.85**	ug/L	2.8	0.85	1	08/03/17 08:01	08/04/17 09:01	95-48-7	
2-Nitroaniline	**<0.76**	ug/L	2.5	0.76	1	08/03/17 08:01	08/04/17 09:01	88-74-4	
2-Nitrophenol	**<1.1**	ug/L	3.8	1.1	1	08/03/17 08:01	08/04/17 09:01	88-75-5	
3&4-Methylphenol(m&p Cresol)	**<1.5**	ug/L	5.1	1.5	1	08/03/17 08:01	08/04/17 09:01		
3,3'-Dichlorobenzidine	**<0.89**	ug/L	3.0	0.89	1	08/03/17 08:01	08/04/17 09:01	91-94-1	
3-Nitroaniline	**<0.95**	ug/L	3.2	0.95	1	08/03/17 08:01	08/04/17 09:01	99-09-2	
4,6-Dinitro-2-methylphenol	**<0.64**	ug/L	2.1	0.64	1	08/03/17 08:01	08/04/17 09:01	534-52-1	
4-Bromophenylphenyl ether	**<1.9**	ug/L	6.4	1.9	1	08/03/17 08:01	08/04/17 09:01	101-55-3	
4-Chloro-3-methylphenol	**<1.7**	ug/L	5.5	1.7	1	08/03/17 08:01	08/04/17 09:01	59-50-7	
4-Chloroaniline	**<1.1**	ug/L	3.6	1.1	1	08/03/17 08:01	08/04/17 09:01	106-47-8	
4-Chlorophenylphenyl ether	**<0.80**	ug/L	2.7	0.80	1	08/03/17 08:01	08/04/17 09:01	7005-72-3	
4-Nitroaniline	**<1.8**	ug/L	6.0	1.8	1	08/03/17 08:01	08/04/17 09:01	100-01-6	
4-Nitrophenol	**<1.0**	ug/L	3.4	1.0	1	08/03/17 08:01	08/04/17 09:01	100-02-7	
Acenaphthene	**<1.3**	ug/L	4.4	1.3	1	08/03/17 08:01	08/04/17 09:01	83-32-9	
Acenaphthylene	**<1.0**	ug/L	3.5	1.0	1	08/03/17 08:01	08/04/17 09:01	208-96-8	
Anthracene	**<1.8**	ug/L	5.9	1.8	1	08/03/17 08:01	08/04/17 09:01	120-12-7	
Benzo(a)anthracene	**<0.52**	ug/L	1.7	0.52	1	08/03/17 08:01	08/04/17 09:01	56-55-3	
Benzo(a)pyrene	**<1.8**	ug/L	6.2	1.8	1	08/03/17 08:01	08/04/17 09:01	50-32-8	
Benzo(b)fluoranthene	**<0.64**	ug/L	2.1	0.64	1	08/03/17 08:01	08/04/17 09:01	205-99-2	

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ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154096

Sample: SB-33-S **Lab ID: 40154096005** Collected: 07/28/17 09:45 Received: 07/29/17 08:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510								
Benzo(g,h,i)perylene	**<0.79**	ug/L	2.6	0.79	1	08/03/17 08:01	08/04/17 09:01	191-24-2	
Benzo(k)fluoranthene	**<0.98**	ug/L	3.3	0.98	1	08/03/17 08:01	08/04/17 09:01	207-08-9	
Butylbenzylphthalate	**<0.76**	ug/L	2.5	0.76	1	08/03/17 08:01	08/04/17 09:01	85-68-7	
Carbazole	**<0.73**	ug/L	2.4	0.73	1	08/03/17 08:01	08/04/17 09:01	86-74-8	
Chrysene	**<1.7**	ug/L	5.7	1.7	1	08/03/17 08:01	08/04/17 09:01	218-01-9	
Di-n-butylphthalate	**<2.5**	ug/L	8.4	2.5	1	08/03/17 08:01	08/04/17 09:01	84-74-2	
Di-n-octylphthalate	**<1.9**	ug/L	6.2	1.9	1	08/03/17 08:01	08/04/17 09:01	117-84-0	
Dibenz(a,h)anthracene	**<1.3**	ug/L	4.3	1.3	1	08/03/17 08:01	08/04/17 09:01	53-70-3	
Dibenzofuran	**<0.75**	ug/L	2.5	0.75	1	08/03/17 08:01	08/04/17 09:01	132-64-9	
Diethylphthalate	**<1.1**	ug/L	3.5	1.1	1	08/03/17 08:01	08/04/17 09:01	84-66-2	
Dimethylphthalate	**<1.9**	ug/L	6.3	1.9	1	08/03/17 08:01	08/04/17 09:01	131-11-3	
Fluoranthene	**<0.55**	ug/L	1.8	0.55	1	08/03/17 08:01	08/04/17 09:01	206-44-0	
Fluorene	**<0.74**	ug/L	2.5	0.74	1	08/03/17 08:01	08/04/17 09:01	86-73-7	
Hexachloro-1,3-butadiene	**<2.4**	ug/L	8.0	2.4	1	08/03/17 08:01	08/04/17 09:01	87-68-3	
Hexachlorobenzene	**<1.7**	ug/L	5.5	1.7	1	08/03/17 08:01	08/04/17 09:01	118-74-1	
Hexachlorocyclopentadiene	**<0.67**	ug/L	2.2	0.67	1	08/03/17 08:01	08/04/17 09:01	77-47-4	
Hexachloroethane	**<2.6**	ug/L	8.7	2.6	1	08/03/17 08:01	08/04/17 09:01	67-72-1	
Indeno(1,2,3-cd)pyrene	**<1.5**	ug/L	4.9	1.5	1	08/03/17 08:01	08/04/17 09:01	193-39-5	
Isophorone	**<0.72**	ug/L	2.4	0.72	1	08/03/17 08:01	08/04/17 09:01	78-59-1	
N-Nitroso-di-n-propylamine	**<0.95**	ug/L	3.2	0.95	1	08/03/17 08:01	08/04/17 09:01	621-64-7	
N-Nitrosodiphenylamine	**<3.5**	ug/L	11.5	3.5	1	08/03/17 08:01	08/04/17 09:01	86-30-6	
Naphthalene	**<1.9**	ug/L	6.2	1.9	1	08/03/17 08:01	08/04/17 09:01	91-20-3	
Nitrobenzene	**<1.4**	ug/L	4.7	1.4	1	08/03/17 08:01	08/04/17 09:01	98-95-3	
Pentachlorophenol	**<1.4**	ug/L	4.7	1.4	1	08/03/17 08:01	08/04/17 09:01	87-86-5	
Phenanthrene	**<1.8**	ug/L	6.0	1.8	1	08/03/17 08:01	08/04/17 09:01	85-01-8	
Phenol	**<0.59**	ug/L	2.0	0.59	1	08/03/17 08:01	08/04/17 09:01	108-95-2	
Pyrene	**<1.3**	ug/L	4.4	1.3	1	08/03/17 08:01	08/04/17 09:01	129-00-0	
bis(2-Chloroethoxy)methane	**<0.98**	ug/L	3.3	0.98	1	08/03/17 08:01	08/04/17 09:01	111-91-1	
bis(2-Chloroethyl) ether	**<1.6**	ug/L	5.2	1.6	1	08/03/17 08:01	08/04/17 09:01	111-44-4	
bis(2-Ethylhexyl)phthalate	**0.86J**	ug/L	2.3	0.68	1	08/03/17 08:01	08/04/17 09:01	117-81-7	
Surrogates									
Nitrobenzene-d5 (S)	88	%	53-100		1	08/03/17 08:01	08/04/17 09:01	4165-60-0	
2-Fluorobiphenyl (S)	74	%	59-109		1	08/03/17 08:01	08/04/17 09:01	321-60-8	
Terphenyl-d14 (S)	87	%	59-108		1	08/03/17 08:01	08/04/17 09:01	1718-51-0	
Phenol-d6 (S)	32	%	18-120		1	08/03/17 08:01	08/04/17 09:01	13127-88-3	
2-Fluorophenol (S)	48	%	27-67		1	08/03/17 08:01	08/04/17 09:01	367-12-4	
2,4,6-Tribromophenol (S)	88	%	65-140		1	08/03/17 08:01	08/04/17 09:01	118-79-6	
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 17:37	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		08/01/17 17:37	108-86-1	
Bromochloromethane	**<0.34**	ug/L	1.0	0.34	1		08/01/17 17:37	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		08/01/17 17:37	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		08/01/17 17:37	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		08/01/17 17:37	74-83-9	
n-Butylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 17:37	104-51-8	

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ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154096

Sample: SB-33-S **Lab ID: 40154096005** Collected: 07/28/17 09:45 Received: 07/29/17 08:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		08/01/17 17:37	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		08/01/17 17:37	98-06-6	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		08/01/17 17:37	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 17:37	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		08/01/17 17:37	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		08/01/17 17:37	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		08/01/17 17:37	74-87-3	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 17:37	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		08/01/17 17:37	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		08/01/17 17:37	96-12-8	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		08/01/17 17:37	124-48-1	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		08/01/17 17:37	106-93-4	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		08/01/17 17:37	74-95-3	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 17:37	95-50-1	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 17:37	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 17:37	106-46-7	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		08/01/17 17:37	75-71-8	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		08/01/17 17:37	75-34-3	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		08/01/17 17:37	107-06-2	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		08/01/17 17:37	75-35-4	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		08/01/17 17:37	156-59-2	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		08/01/17 17:37	156-60-5	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		08/01/17 17:37	78-87-5	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		08/01/17 17:37	142-28-9	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		08/01/17 17:37	594-20-7	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		08/01/17 17:37	563-58-6	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 17:37	10061-01-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		08/01/17 17:37	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		08/01/17 17:37	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 17:37	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		08/01/17 17:37	87-68-3	
Isopropylbenzene (Cumene)	**<0.14**	ug/L	1.0	0.14	1		08/01/17 17:37	98-82-8	
p-Isopropyltoluene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 17:37	99-87-6	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		08/01/17 17:37	75-09-2	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		08/01/17 17:37	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		08/01/17 17:37	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 17:37	103-65-1	
Styrene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 17:37	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		08/01/17 17:37	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.25**	ug/L	1.0	0.25	1		08/01/17 17:37	79-34-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 17:37	127-18-4	
Toluene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 17:37	108-88-3	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		08/01/17 17:37	87-61-6	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		08/01/17 17:37	120-82-1	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		08/01/17 17:37	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		08/01/17 17:37	79-00-5	

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ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154096

Sample: SB-33-S **Lab ID: 40154096005** Collected: 07/28/17 09:45 Received: 07/29/17 08:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		08/01/17 17:37	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		08/01/17 17:37	75-69-4	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		08/01/17 17:37	96-18-4	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 17:37	95-63-6	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 17:37	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		08/01/17 17:37	75-01-4	
m&p-Xylene	**<1.0**	ug/L	2.0	1.0	1		08/01/17 17:37	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 17:37	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	85	%	61-130		1		08/01/17 17:37	460-00-4	
Dibromofluoromethane (S)	105	%	67-130		1		08/01/17 17:37	1868-53-7	
Toluene-d8 (S)	97	%	70-130		1		08/01/17 17:37	2037-26-5	

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ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154096

Sample: SB-52-S **Lab ID: 40154096006** Collected: 07/28/17 10:50 Received: 07/29/17 08:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Lead	**18.9**	ug/L	13.0	4.3	1	08/01/17 11:54	08/02/17 14:39	7439-92-1	
8270 MSSV PAH by HVI	Analytical Method: EPA 8270 by HVI Preparation Method: EPA 3510								
Acenaphthene	**0.014J**	ug/L	0.029	0.0058	1	08/03/17 12:31	08/03/17 19:52	83-32-9	
Acenaphthylene	**<0.0048**	ug/L	0.024	0.0048	1	08/03/17 12:31	08/03/17 19:52	208-96-8	
Anthracene	**<0.010**	ug/L	0.050	0.010	1	08/03/17 12:31	08/03/17 19:52	120-12-7	
Benzo(a)anthracene	**0.26**	ug/L	0.036	0.0073	1	08/03/17 12:31	08/03/17 19:52	56-55-3	
Benzo(a)pyrene	**0.39**	ug/L	0.051	0.010	1	08/03/17 12:31	08/03/17 19:52	50-32-8	
Benzo(b)fluoranthene	**0.45**	ug/L	0.028	0.0055	1	08/03/17 12:31	08/03/17 19:52	205-99-2	
Benzo(g,h,i)perylene	**0.27**	ug/L	0.033	0.0065	1	08/03/17 12:31	08/03/17 19:52	191-24-2	
Benzo(k)fluoranthene	**0.24**	ug/L	0.036	0.0073	1	08/03/17 12:31	08/03/17 19:52	207-08-9	
Chrysene	**0.48**	ug/L	0.063	0.013	1	08/03/17 12:31	08/03/17 19:52	218-01-9	
Dibenz(a,h)anthracene	**0.045J**	ug/L	0.048	0.0096	1	08/03/17 12:31	08/03/17 19:52	53-70-3	
Fluoranthene	**0.61**	ug/L	0.051	0.010	1	08/03/17 12:31	08/03/17 19:52	206-44-0	
Fluorene	**0.012J**	ug/L	0.038	0.0077	1	08/03/17 12:31	08/03/17 19:52	86-73-7	
Indeno(1,2,3-cd)pyrene	**0.20**	ug/L	0.085	0.017	1	08/03/17 12:31	08/03/17 19:52	193-39-5	
1-Methylnaphthalene	**<0.0057**	ug/L	0.028	0.0057	1	08/03/17 12:31	08/03/17 19:52	90-12-0	
2-Methylnaphthalene	**<0.0047**	ug/L	0.024	0.0047	1	08/03/17 12:31	08/03/17 19:52	91-57-6	
Naphthalene	**<0.018**	ug/L	0.088	0.018	1	08/03/17 12:31	08/03/17 19:52	91-20-3	
Phenanthrene	**0.21**	ug/L	0.066	0.013	1	08/03/17 12:31	08/03/17 19:52	85-01-8	
Pyrene	**0.55**	ug/L	0.037	0.0074	1	08/03/17 12:31	08/03/17 19:52	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	44	%	35-84		1	08/03/17 12:31	08/03/17 19:52	321-60-8	
Terphenyl-d14 (S)	53	%	10-129		1	08/03/17 12:31	08/03/17 19:52	1718-51-0	
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 17:15	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		08/01/17 17:15	108-86-1	
Bromochloromethane	**<0.34**	ug/L	1.0	0.34	1		08/01/17 17:15	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		08/01/17 17:15	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		08/01/17 17:15	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		08/01/17 17:15	74-83-9	
n-Butylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 17:15	104-51-8	
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		08/01/17 17:15	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		08/01/17 17:15	98-06-6	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		08/01/17 17:15	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 17:15	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		08/01/17 17:15	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		08/01/17 17:15	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		08/01/17 17:15	74-87-3	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 17:15	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		08/01/17 17:15	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		08/01/17 17:15	96-12-8	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		08/01/17 17:15	124-48-1	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		08/01/17 17:15	106-93-4	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		08/01/17 17:15	74-95-3	

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ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154096

Sample: SB-52-S **Lab ID: 40154096006** Collected: 07/28/17 10:50 Received: 07/29/17 08:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 17:15	95-50-1	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 17:15	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 17:15	106-46-7	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		08/01/17 17:15	75-71-8	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		08/01/17 17:15	75-34-3	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		08/01/17 17:15	107-06-2	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		08/01/17 17:15	75-35-4	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		08/01/17 17:15	156-59-2	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		08/01/17 17:15	156-60-5	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		08/01/17 17:15	78-87-5	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		08/01/17 17:15	142-28-9	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		08/01/17 17:15	594-20-7	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		08/01/17 17:15	563-58-6	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 17:15	10061-01-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		08/01/17 17:15	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		08/01/17 17:15	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 17:15	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		08/01/17 17:15	87-68-3	
Isopropylbenzene (Cumene)	**<0.14**	ug/L	1.0	0.14	1		08/01/17 17:15	98-82-8	
p-Isopropyltoluene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 17:15	99-87-6	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		08/01/17 17:15	75-09-2	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		08/01/17 17:15	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		08/01/17 17:15	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 17:15	103-65-1	
Styrene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 17:15	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		08/01/17 17:15	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.25**	ug/L	1.0	0.25	1		08/01/17 17:15	79-34-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 17:15	127-18-4	
Toluene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 17:15	108-88-3	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		08/01/17 17:15	87-61-6	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		08/01/17 17:15	120-82-1	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		08/01/17 17:15	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		08/01/17 17:15	79-00-5	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		08/01/17 17:15	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		08/01/17 17:15	75-69-4	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		08/01/17 17:15	96-18-4	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 17:15	95-63-6	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 17:15	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		08/01/17 17:15	75-01-4	
m&p-Xylene	**<1.0**	ug/L	2.0	1.0	1		08/01/17 17:15	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 17:15	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	89	%	61-130		1		08/01/17 17:15	460-00-4	
Dibromofluoromethane (S)	100	%	67-130		1		08/01/17 17:15	1868-53-7	
Toluene-d8 (S)	101	%	70-130		1		08/01/17 17:15	2037-26-5	

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ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154096

Sample: SB-29-S **Lab ID: 40154096007** Collected: 07/28/17 11:30 Received: 07/29/17 08:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**<8.3**	ug/L	25.0	8.3	1	08/01/17 11:54	08/02/17 14:42	7440-38-2	
Barium	**343**	ug/L	5.0	1.5	1	08/01/17 11:54	08/02/17 14:42	7440-39-3	
Cadmium	**<1.3**	ug/L	5.0	1.3	1	08/01/17 11:54	08/02/17 14:42	7440-43-9	
Chromium	**11.8**	ug/L	10.0	2.5	1	08/01/17 11:54	08/02/17 14:42	7440-47-3	
Lead	**271**	ug/L	13.0	4.3	1	08/01/17 11:54	08/02/17 14:42	7439-92-1	
Selenium	**<16.6**	ug/L	50.0	16.6	1	08/01/17 11:54	08/02/17 14:42	7782-49-2	
Silver	**<3.3**	ug/L	10.0	3.3	1	08/01/17 11:54	08/02/17 14:42	7440-22-4	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**<0.13**	ug/L	0.42	0.13	1	08/07/17 12:30	08/08/17 08:32	7439-97-6	
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510								
1,2,4-Trichlorobenzene	**<1.9**	ug/L	6.5	1.9	1	08/03/17 08:01	08/04/17 09:22	120-82-1	
1,2-Dichlorobenzene	**<1.8**	ug/L	6.1	1.8	1	08/03/17 08:01	08/04/17 09:22	95-50-1	
1,3-Dichlorobenzene	**<1.8**	ug/L	6.0	1.8	1	08/03/17 08:01	08/04/17 09:22	541-73-1	
1,4-Dichlorobenzene	**<1.8**	ug/L	6.0	1.8	1	08/03/17 08:01	08/04/17 09:22	106-46-7	
2,2'-Oxybis(1-chloropropane)	**<1.5**	ug/L	4.8	1.5	1	08/03/17 08:01	08/04/17 09:22	108-60-1	
2,4,5-Trichlorophenol	**<0.80**	ug/L	2.7	0.80	1	08/03/17 08:01	08/04/17 09:22	95-95-4	
2,4,6-Trichlorophenol	**<2.0**	ug/L	6.7	2.0	1	08/03/17 08:01	08/04/17 09:22	88-06-2	
2,4-Dichlorophenol	**<1.3**	ug/L	4.3	1.3	1	08/03/17 08:01	08/04/17 09:22	120-83-2	
2,4-Dimethylphenol	**<1.2**	ug/L	4.0	1.2	1	08/03/17 08:01	08/04/17 09:22	105-67-9	
2,4-Dinitrophenol	**<0.68**	ug/L	2.3	0.68	1	08/03/17 08:01	08/04/17 09:22	51-28-5	
2,4-Dinitrotoluene	**<0.75**	ug/L	2.5	0.75	1	08/03/17 08:01	08/04/17 09:22	121-14-2	
2,6-Dinitrotoluene	**<0.57**	ug/L	1.9	0.57	1	08/03/17 08:01	08/04/17 09:22	606-20-2	
2-Chloronaphthalene	**<1.6**	ug/L	5.2	1.6	1	08/03/17 08:01	08/04/17 09:22	91-58-7	
2-Chlorophenol	**<1.1**	ug/L	3.7	1.1	1	08/03/17 08:01	08/04/17 09:22	95-57-8	
2-Methylnaphthalene	**<1.4**	ug/L	4.8	1.4	1	08/03/17 08:01	08/04/17 09:22	91-57-6	
2-Methylphenol(o-Cresol)	**<0.83**	ug/L	2.8	0.83	1	08/03/17 08:01	08/04/17 09:22	95-48-7	
2-Nitroaniline	**<0.74**	ug/L	2.5	0.74	1	08/03/17 08:01	08/04/17 09:22	88-74-4	
2-Nitrophenol	**<1.1**	ug/L	3.7	1.1	1	08/03/17 08:01	08/04/17 09:22	88-75-5	
3&4-Methylphenol(m&p Cresol)	**<1.5**	ug/L	5.0	1.5	1	08/03/17 08:01	08/04/17 09:22		
3,3'-Dichlorobenzidine	**<0.86**	ug/L	2.9	0.86	1	08/03/17 08:01	08/04/17 09:22	91-94-1	
3-Nitroaniline	**<0.92**	ug/L	3.1	0.92	1	08/03/17 08:01	08/04/17 09:22	99-09-2	
4,6-Dinitro-2-methylphenol	**<0.62**	ug/L	2.1	0.62	1	08/03/17 08:01	08/04/17 09:22	534-52-1	
4-Bromophenylphenyl ether	**<1.9**	ug/L	6.3	1.9	1	08/03/17 08:01	08/04/17 09:22	101-55-3	
4-Chloro-3-methylphenol	**<1.6**	ug/L	5.4	1.6	1	08/03/17 08:01	08/04/17 09:22	59-50-7	
4-Chloroaniline	**<1.0**	ug/L	3.5	1.0	1	08/03/17 08:01	08/04/17 09:22	106-47-8	
4-Chlorophenylphenyl ether	**<0.78**	ug/L	2.6	0.78	1	08/03/17 08:01	08/04/17 09:22	7005-72-3	
4-Nitroaniline	**<1.7**	ug/L	5.8	1.7	1	08/03/17 08:01	08/04/17 09:22	100-01-6	
4-Nitrophenol	**<1.0**	ug/L	3.3	1.0	1	08/03/17 08:01	08/04/17 09:22	100-02-7	
Acenaphthene	**<1.3**	ug/L	4.3	1.3	1	08/03/17 08:01	08/04/17 09:22	83-32-9	
Acenaphthylene	**<1.0**	ug/L	3.4	1.0	1	08/03/17 08:01	08/04/17 09:22	208-96-8	
Anthracene	**<1.7**	ug/L	5.7	1.7	1	08/03/17 08:01	08/04/17 09:22	120-12-7	
Benzo(a)anthracene	**<0.51**	ug/L	1.7	0.51	1	08/03/17 08:01	08/04/17 09:22	56-55-3	
Benzo(a)pyrene	**<1.8**	ug/L	6.0	1.8	1	08/03/17 08:01	08/04/17 09:22	50-32-8	
Benzo(b)fluoranthene	**<0.62**	ug/L	2.1	0.62	1	08/03/17 08:01	08/04/17 09:22	205-99-2	

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ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154096

Sample: SB-29-S **Lab ID: 40154096007** Collected: 07/28/17 11:30 Received: 07/29/17 08:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510								
Benzo(g,h,i)perylene	**<0.77**	ug/L	2.6	0.77	1	08/03/17 08:01	08/04/17 09:22	191-24-2	
Benzo(k)fluoranthene	**<0.95**	ug/L	3.2	0.95	1	08/03/17 08:01	08/04/17 09:22	207-08-9	
Butylbenzylphthalate	**<0.74**	ug/L	2.5	0.74	1	08/03/17 08:01	08/04/17 09:22	85-68-7	
Carbazole	**<0.71**	ug/L	2.4	0.71	1	08/03/17 08:01	08/04/17 09:22	86-74-8	
Chrysene	**<1.7**	ug/L	5.5	1.7	1	08/03/17 08:01	08/04/17 09:22	218-01-9	
Di-n-butylphthalate	**<2.4**	ug/L	8.1	2.4	1	08/03/17 08:01	08/04/17 09:22	84-74-2	
Di-n-octylphthalate	**<1.8**	ug/L	6.0	1.8	1	08/03/17 08:01	08/04/17 09:22	117-84-0	
Dibenz(a,h)anthracene	**<1.3**	ug/L	4.2	1.3	1	08/03/17 08:01	08/04/17 09:22	53-70-3	
Dibenzofuran	**<0.73**	ug/L	2.4	0.73	1	08/03/17 08:01	08/04/17 09:22	132-64-9	
Diethylphthalate	**<1.0**	ug/L	3.4	1.0	1	08/03/17 08:01	08/04/17 09:22	84-66-2	
Dimethylphthalate	**<1.8**	ug/L	6.1	1.8	1	08/03/17 08:01	08/04/17 09:22	131-11-3	
Fluoranthene	**<0.54**	ug/L	1.8	0.54	1	08/03/17 08:01	08/04/17 09:22	206-44-0	
Fluorene	**<0.71**	ug/L	2.4	0.71	1	08/03/17 08:01	08/04/17 09:22	86-73-7	
Hexachloro-1,3-butadiene	**<2.3**	ug/L	7.8	2.3	1	08/03/17 08:01	08/04/17 09:22	87-68-3	
Hexachlorobenzene	**<1.6**	ug/L	5.4	1.6	1	08/03/17 08:01	08/04/17 09:22	118-74-1	
Hexachlorocyclopentadiene	**<0.65**	ug/L	2.2	0.65	1	08/03/17 08:01	08/04/17 09:22	77-47-4	
Hexachloroethane	**<2.5**	ug/L	8.4	2.5	1	08/03/17 08:01	08/04/17 09:22	67-72-1	
Indeno(1,2,3-cd)pyrene	**<1.4**	ug/L	4.8	1.4	1	08/03/17 08:01	08/04/17 09:22	193-39-5	
Isophorone	**<0.70**	ug/L	2.3	0.70	1	08/03/17 08:01	08/04/17 09:22	78-59-1	
N-Nitroso-di-n-propylamine	**<0.92**	ug/L	3.1	0.92	1	08/03/17 08:01	08/04/17 09:22	621-64-7	
N-Nitrosodiphenylamine	**<3.4**	ug/L	11.2	3.4	1	08/03/17 08:01	08/04/17 09:22	86-30-6	
Naphthalene	**<1.8**	ug/L	6.0	1.8	1	08/03/17 08:01	08/04/17 09:22	91-20-3	
Nitrobenzene	**<1.4**	ug/L	4.6	1.4	1	08/03/17 08:01	08/04/17 09:22	98-95-3	
Pentachlorophenol	**<1.4**	ug/L	4.6	1.4	1	08/03/17 08:01	08/04/17 09:22	87-86-5	
Phenanthrene	**<1.7**	ug/L	5.8	1.7	1	08/03/17 08:01	08/04/17 09:22	85-01-8	
Phenol	**<0.57**	ug/L	1.9	0.57	1	08/03/17 08:01	08/04/17 09:22	108-95-2	
Pyrene	**<1.3**	ug/L	4.3	1.3	1	08/03/17 08:01	08/04/17 09:22	129-00-0	
bis(2-Chloroethoxy)methane	**<0.95**	ug/L	3.2	0.95	1	08/03/17 08:01	08/04/17 09:22	111-91-1	
bis(2-Chloroethyl) ether	**<1.5**	ug/L	5.0	1.5	1	08/03/17 08:01	08/04/17 09:22	111-44-4	
bis(2-Ethylhexyl)phthalate	**<0.66**	ug/L	2.2	0.66	1	08/03/17 08:01	08/04/17 09:22	117-81-7	
Surrogates									
Nitrobenzene-d5 (S)	94	%	53-100		1	08/03/17 08:01	08/04/17 09:22	4165-60-0	
2-Fluorobiphenyl (S)	85	%	59-109		1	08/03/17 08:01	08/04/17 09:22	321-60-8	
Terphenyl-d14 (S)	91	%	59-108		1	08/03/17 08:01	08/04/17 09:22	1718-51-0	
Phenol-d6 (S)	33	%	18-120		1	08/03/17 08:01	08/04/17 09:22	13127-88-3	
2-Fluorophenol (S)	50	%	27-67		1	08/03/17 08:01	08/04/17 09:22	367-12-4	
2,4,6-Tribromophenol (S)	106	%	65-140		1	08/03/17 08:01	08/04/17 09:22	118-79-6	
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 16:53	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		08/01/17 16:53	108-86-1	
Bromochloromethane	**<0.34**	ug/L	1.0	0.34	1		08/01/17 16:53	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		08/01/17 16:53	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		08/01/17 16:53	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		08/01/17 16:53	74-83-9	
n-Butylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 16:53	104-51-8	

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ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154096

Sample: SB-29-S **Lab ID: 40154096007** Collected: 07/28/17 11:30 Received: 07/29/17 08:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		08/01/17 16:53	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		08/01/17 16:53	98-06-6	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		08/01/17 16:53	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 16:53	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		08/01/17 16:53	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		08/01/17 16:53	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		08/01/17 16:53	74-87-3	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 16:53	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		08/01/17 16:53	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		08/01/17 16:53	96-12-8	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		08/01/17 16:53	124-48-1	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		08/01/17 16:53	106-93-4	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		08/01/17 16:53	74-95-3	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 16:53	95-50-1	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 16:53	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 16:53	106-46-7	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		08/01/17 16:53	75-71-8	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		08/01/17 16:53	75-34-3	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		08/01/17 16:53	107-06-2	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		08/01/17 16:53	75-35-4	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		08/01/17 16:53	156-59-2	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		08/01/17 16:53	156-60-5	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		08/01/17 16:53	78-87-5	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		08/01/17 16:53	142-28-9	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		08/01/17 16:53	594-20-7	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		08/01/17 16:53	563-58-6	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 16:53	10061-01-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		08/01/17 16:53	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		08/01/17 16:53	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 16:53	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		08/01/17 16:53	87-68-3	
Isopropylbenzene (Cumene)	**<0.14**	ug/L	1.0	0.14	1		08/01/17 16:53	98-82-8	
p-Isopropyltoluene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 16:53	99-87-6	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		08/01/17 16:53	75-09-2	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		08/01/17 16:53	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		08/01/17 16:53	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 16:53	103-65-1	
Styrene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 16:53	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		08/01/17 16:53	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.25**	ug/L	1.0	0.25	1		08/01/17 16:53	79-34-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 16:53	127-18-4	
Toluene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 16:53	108-88-3	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		08/01/17 16:53	87-61-6	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		08/01/17 16:53	120-82-1	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		08/01/17 16:53	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		08/01/17 16:53	79-00-5	

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ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154096

Sample: SB-29-S **Lab ID: 40154096007** Collected: 07/28/17 11:30 Received: 07/29/17 08:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		08/01/17 16:53	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		08/01/17 16:53	75-69-4	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		08/01/17 16:53	96-18-4	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 16:53	95-63-6	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 16:53	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		08/01/17 16:53	75-01-4	
m&p-Xylene	**<1.0**	ug/L	2.0	1.0	1		08/01/17 16:53	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 16:53	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	90	%	61-130		1		08/01/17 16:53	460-00-4	
Dibromofluoromethane (S)	109	%	67-130		1		08/01/17 16:53	1868-53-7	
Toluene-d8 (S)	100	%	70-130		1		08/01/17 16:53	2037-26-5	

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ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154096

Sample: SB-38, 8-10 **Lab ID: 40154096008** Collected: 07/27/17 16:35 Received: 07/29/17 08:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB	Analytical Method: EPA 8082 Preparation Method: EPA 3541								
PCB-1016 (Aroclor 1016)	**<28.6**	ug/kg	57.2	28.6	1	08/01/17 12:31	08/02/17 19:08	12674-11-2	
PCB-1221 (Aroclor 1221)	**<28.6**	ug/kg	57.2	28.6	1	08/01/17 12:31	08/02/17 19:08	11104-28-2	
PCB-1232 (Aroclor 1232)	**<28.6**	ug/kg	57.2	28.6	1	08/01/17 12:31	08/02/17 19:08	11141-16-5	
PCB-1242 (Aroclor 1242)	**45.1J**	ug/kg	57.2	28.6	1	08/01/17 12:31	08/02/17 19:08	53469-21-9	
PCB-1248 (Aroclor 1248)	**<28.6**	ug/kg	57.2	28.6	1	08/01/17 12:31	08/02/17 19:08	12672-29-6	
PCB-1254 (Aroclor 1254)	**<28.6**	ug/kg	57.2	28.6	1	08/01/17 12:31	08/02/17 19:08	11097-69-1	
PCB-1260 (Aroclor 1260)	**<28.6**	ug/kg	57.2	28.6	1	08/01/17 12:31	08/02/17 19:08	11096-82-5	
PCB, Total	**45.1J**	ug/kg	57.2	28.6	1	08/01/17 12:31	08/02/17 19:08	1336-36-3	
Surrogates									
Tetrachloro-m-xylene (S)	53	%	50-102		1	08/01/17 12:31	08/02/17 19:08	877-09-8	
Decachlorobiphenyl (S)	68	%	53-105		1	08/01/17 12:31	08/02/17 19:08	2051-24-3	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050								
Arsenic	**2.8J**	mg/kg	5.7	1.2	1	07/31/17 15:24	08/01/17 16:14	7440-38-2	
Barium	**8.2**	mg/kg	0.57	0.17	1	07/31/17 15:24	08/01/17 16:14	7440-39-3	
Cadmium	**<0.15**	mg/kg	0.57	0.15	1	07/31/17 15:24	08/01/17 16:14	7440-43-9	
Chromium	**4.3**	mg/kg	1.1	0.32	1	07/31/17 15:24	08/01/17 16:14	7440-47-3	
Lead	**2.6**	mg/kg	1.5	0.49	1	07/31/17 15:24	08/01/17 16:14	7439-92-1	
Selenium	**<1.3**	mg/kg	5.7	1.3	1	07/31/17 15:24	08/01/17 16:14	7782-49-2	
Silver	**<0.39**	mg/kg	1.1	0.39	1	07/31/17 15:24	08/01/17 16:14	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471								
Mercury	**<0.012**	mg/kg	0.041	0.012	1	08/11/17 06:31	08/11/17 12:56	7439-97-6	
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546								
1,2,4-Trichlorobenzene	**<216**	ug/kg	719	216	10	08/03/17 10:50	08/04/17 12:12	120-82-1	
1,2-Dichlorobenzene	**<600**	ug/kg	2000	600	10	08/03/17 10:50	08/04/17 12:12	95-50-1	
1,3-Dichlorobenzene	**<264**	ug/kg	881	264	10	08/03/17 10:50	08/04/17 12:12	541-73-1	
1,4-Dichlorobenzene	**<266**	ug/kg	887	266	10	08/03/17 10:50	08/04/17 12:12	106-46-7	
2,2'-Oxybis(1-chloropropane)	**<492**	ug/kg	1640	492	10	08/03/17 10:50	08/04/17 12:12	108-60-1	
2,4,5-Trichlorophenol	**<337**	ug/kg	1120	337	10	08/03/17 10:50	08/04/17 12:12	95-95-4	
2,4,6-Trichlorophenol	**<291**	ug/kg	970	291	10	08/03/17 10:50	08/04/17 12:12	88-06-2	
2,4-Dichlorophenol	**<510**	ug/kg	1700	510	10	08/03/17 10:50	08/04/17 12:12	120-83-2	
2,4-Dimethylphenol	**<378**	ug/kg	1260	378	10	08/03/17 10:50	08/04/17 12:12	105-67-9	
2,4-Dinitrophenol	**<582**	ug/kg	1940	582	10	08/03/17 10:50	08/04/17 12:12	51-28-5	
2,4-Dinitrotoluene	**<273**	ug/kg	910	273	10	08/03/17 10:50	08/04/17 12:12	121-14-2	
2,6-Dinitrotoluene	**<362**	ug/kg	1210	362	10	08/03/17 10:50	08/04/17 12:12	606-20-2	
2-Chloronaphthalene	**<245**	ug/kg	817	245	10	08/03/17 10:50	08/04/17 12:12	91-58-7	
2-Chlorophenol	**<477**	ug/kg	1590	477	10	08/03/17 10:50	08/04/17 12:12	95-57-8	
2-Methylnaphthalene	**<496**	ug/kg	1650	496	10	08/03/17 10:50	08/04/17 12:12	91-57-6	
2-Methylphenol(o-Cresol)	**<347**	ug/kg	1160	347	10	08/03/17 10:50	08/04/17 12:12	95-48-7	
2-Nitroaniline	**<544**	ug/kg	1810	544	10	08/03/17 10:50	08/04/17 12:12	88-74-4	
2-Nitrophenol	**<603**	ug/kg	2010	603	10	08/03/17 10:50	08/04/17 12:12	88-75-5	
3&4-Methylphenol(m&p Cresol)	**<350**	ug/kg	1170	350	10	08/03/17 10:50	08/04/17 12:12		
3,3'-Dichlorobenzidine	**<518**	ug/kg	1730	518	10	08/03/17 10:50	08/04/17 12:12	91-94-1	

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Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154096

Sample: SB-38, 8-10 **Lab ID: 40154096008** Collected: 07/27/17 16:35 Received: 07/29/17 08:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546								
3-Nitroaniline	**<325**	ug/kg	1080	325	10	08/03/17 10:50	08/04/17 12:12	99-09-2	
4,6-Dinitro-2-methylphenol	**<588**	ug/kg	1960	588	10	08/03/17 10:50	08/04/17 12:12	534-52-1	
4-Bromophenylphenyl ether	**<400**	ug/kg	1330	400	10	08/03/17 10:50	08/04/17 12:12	101-55-3	
4-Chloro-3-methylphenol	**<594**	ug/kg	1980	594	10	08/03/17 10:50	08/04/17 12:12	59-50-7	
4-Chloroaniline	**<314**	ug/kg	1050	314	10	08/03/17 10:50	08/04/17 12:12	106-47-8	
4-Chlorophenylphenyl ether	**<356**	ug/kg	1190	356	10	08/03/17 10:50	08/04/17 12:12	7005-72-3	
4-Nitroaniline	**<792**	ug/kg	2640	792	10	08/03/17 10:50	08/04/17 12:12	100-01-6	
4-Nitrophenol	**<481**	ug/kg	1600	481	10	08/03/17 10:50	08/04/17 12:12	100-02-7	
Acenaphthene	**<677**	ug/kg	2260	677	10	08/03/17 10:50	08/04/17 12:12	83-32-9	
Acenaphthylene	**<681**	ug/kg	2270	681	10	08/03/17 10:50	08/04/17 12:12	208-96-8	
Anthracene	**<305**	ug/kg	1020	305	10	08/03/17 10:50	08/04/17 12:12	120-12-7	
Benzo(a)anthracene	**<296**	ug/kg	986	296	10	08/03/17 10:50	08/04/17 12:12	56-55-3	
Benzo(a)pyrene	**<287**	ug/kg	958	287	10	08/03/17 10:50	08/04/17 12:12	50-32-8	
Benzo(b)fluoranthene	**<328**	ug/kg	1090	328	10	08/03/17 10:50	08/04/17 12:12	205-99-2	
Benzo(g,h,i)perylene	**<500**	ug/kg	1660	500	10	08/03/17 10:50	08/04/17 12:12	191-24-2	
Benzo(k)fluoranthene	**<457**	ug/kg	1520	457	10	08/03/17 10:50	08/04/17 12:12	207-08-9	
Butylbenzylphthalate	**<306**	ug/kg	1020	306	10	08/03/17 10:50	08/04/17 12:12	85-68-7	
Carbazole	**<299**	ug/kg	996	299	10	08/03/17 10:50	08/04/17 12:12	86-74-8	
Chrysene	**<285**	ug/kg	952	285	10	08/03/17 10:50	08/04/17 12:12	218-01-9	
Di-n-butylphthalate	**<285**	ug/kg	951	285	10	08/03/17 10:50	08/04/17 12:12	84-74-2	
Di-n-octylphthalate	**<429**	ug/kg	1430	429	10	08/03/17 10:50	08/04/17 12:12	117-84-0	
Dibenz(a,h)anthracene	**<519**	ug/kg	1730	519	10	08/03/17 10:50	08/04/17 12:12	53-70-3	
Dibenzofuran	**<231**	ug/kg	770	231	10	08/03/17 10:50	08/04/17 12:12	132-64-9	
Diethylphthalate	**<317**	ug/kg	1060	317	10	08/03/17 10:50	08/04/17 12:12	84-66-2	
Dimethylphthalate	**<248**	ug/kg	828	248	10	08/03/17 10:50	08/04/17 12:12	131-11-3	
Fluoranthene	**<270**	ug/kg	901	270	10	08/03/17 10:50	08/04/17 12:12	206-44-0	
Fluorene	**<223**	ug/kg	744	223	10	08/03/17 10:50	08/04/17 12:12	86-73-7	
Hexachloro-1,3-butadiene	**<486**	ug/kg	1620	486	10	08/03/17 10:50	08/04/17 12:12	87-68-3	
Hexachlorobenzene	**<321**	ug/kg	1070	321	10	08/03/17 10:50	08/04/17 12:12	118-74-1	
Hexachlorocyclopentadiene	**<452**	ug/kg	1510	452	10	08/03/17 10:50	08/04/17 12:12	77-47-4	
Hexachloroethane	**<306**	ug/kg	1020	306	10	08/03/17 10:50	08/04/17 12:12	67-72-1	
Indeno(1,2,3-cd)pyrene	**<413**	ug/kg	1380	413	10	08/03/17 10:50	08/04/17 12:12	193-39-5	
Isophorone	**<294**	ug/kg	978	294	10	08/03/17 10:50	08/04/17 12:12	78-59-1	
N-Nitroso-di-n-propylamine	**<303**	ug/kg	1010	303	10	08/03/17 10:50	08/04/17 12:12	621-64-7	
N-Nitrosodiphenylamine	**<2590**	ug/kg	8640	2590	10	08/03/17 10:50	08/04/17 12:12	86-30-6	
Naphthalene	**<668**	ug/kg	2230	668	10	08/03/17 10:50	08/04/17 12:12	91-20-3	
Nitrobenzene	**<387**	ug/kg	1290	387	10	08/03/17 10:50	08/04/17 12:12	98-95-3	
Pentachlorophenol	**<420**	ug/kg	1400	420	10	08/03/17 10:50	08/04/17 12:12	87-86-5	
Phenanthrene	**<245**	ug/kg	816	245	10	08/03/17 10:50	08/04/17 12:12	85-01-8	
Phenol	**<453**	ug/kg	1510	453	10	08/03/17 10:50	08/04/17 12:12	108-95-2	D3
Pyrene	**<423**	ug/kg	1410	423	10	08/03/17 10:50	08/04/17 12:12	129-00-0	
bis(2-Chloroethoxy)methane	**<514**	ug/kg	1710	514	10	08/03/17 10:50	08/04/17 12:12	111-91-1	
bis(2-Chloroethyl) ether	**<596**	ug/kg	1990	596	10	08/03/17 10:50	08/04/17 12:12	111-44-4	
bis(2-Ethylhexyl)phthalate	**<317**	ug/kg	1060	317	10	08/03/17 10:50	08/04/17 12:12	117-81-7	

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ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154096

Sample: SB-38, 8-10 **Lab ID: 40154096008** Collected: 07/27/17 16:35 Received: 07/29/17 08:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546								
Surrogates									
Nitrobenzene-d5 (S)	41	%	13-114		10	08/03/17 10:50	08/04/17 12:12	4165-60-0	
2-Fluorobiphenyl (S)	47	%	18-127		10	08/03/17 10:50	08/04/17 12:12	321-60-8	
Terphenyl-d14 (S)	57	%	41-109		10	08/03/17 10:50	08/04/17 12:12	1718-51-0	
Phenol-d6 (S)	45	%	30-97		10	08/03/17 10:50	08/04/17 12:12	13127-88-3	
2-Fluorophenol (S)	50	%	16-103		10	08/03/17 10:50	08/04/17 12:12	367-12-4	
2,4,6-Tribromophenol (S)	54	%	13-143		10	08/03/17 10:50	08/04/17 12:12	118-79-6	
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/03/17 11:42	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/03/17 11:42	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/03/17 11:42	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/03/17 11:42	75-27-4	W
Bromoform	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/03/17 11:42	75-25-2	W
Bromomethane	**<69.9**	ug/kg	250	69.9	1	08/02/17 08:00	08/03/17 11:42	74-83-9	W
n-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/03/17 11:42	104-51-8	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/03/17 11:42	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/03/17 11:42	98-06-6	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/03/17 11:42	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/03/17 11:42	108-90-7	W
Chloroethane	**<67.0**	ug/kg	250	67.0	1	08/02/17 08:00	08/03/17 11:42	75-00-3	W
Chloroform	**<46.4**	ug/kg	250	46.4	1	08/02/17 08:00	08/03/17 11:42	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/03/17 11:42	74-87-3	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/03/17 11:42	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/03/17 11:42	106-43-4	W
1,2-Dibromo-3-chloropropane	**<91.2**	ug/kg	250	91.2	1	08/02/17 08:00	08/03/17 11:42	96-12-8	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/03/17 11:42	124-48-1	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/03/17 11:42	106-93-4	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/03/17 11:42	74-95-3	W
1,2-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/03/17 11:42	95-50-1	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/03/17 11:42	541-73-1	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/03/17 11:42	106-46-7	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/03/17 11:42	75-71-8	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/03/17 11:42	75-34-3	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/03/17 11:42	107-06-2	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/03/17 11:42	75-35-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/03/17 11:42	156-59-2	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/03/17 11:42	156-60-5	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/03/17 11:42	78-87-5	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/03/17 11:42	142-28-9	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/03/17 11:42	594-20-7	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/03/17 11:42	563-58-6	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/03/17 11:42	10061-01-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/03/17 11:42	10061-02-6	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/03/17 11:42	108-20-3	W

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ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154096

Sample: SB-38, 8-10 **Lab ID: 40154096008** Collected: 07/27/17 16:35 Received: 07/29/17 08:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/03/17 11:42	100-41-4	W
Hexachloro-1,3-butadiene	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/03/17 11:42	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/03/17 11:42	98-82-8	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/03/17 11:42	99-87-6	W
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/03/17 11:42	75-09-2	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/03/17 11:42	1634-04-4	W
Naphthalene	**<40.0**	ug/kg	250	40.0	1	08/02/17 08:00	08/03/17 11:42	91-20-3	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/03/17 11:42	103-65-1	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/03/17 11:42	100-42-5	W
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/03/17 11:42	630-20-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/03/17 11:42	79-34-5	W
Tetrachloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/03/17 11:42	127-18-4	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/03/17 11:42	108-88-3	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/03/17 11:42	87-61-6	W
1,2,4-Trichlorobenzene	**<47.6**	ug/kg	250	47.6	1	08/02/17 08:00	08/03/17 11:42	120-82-1	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/03/17 11:42	71-55-6	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/03/17 11:42	79-00-5	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/03/17 11:42	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/03/17 11:42	75-69-4	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/03/17 11:42	96-18-4	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/03/17 11:42	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/03/17 11:42	108-67-8	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/03/17 11:42	75-01-4	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	08/02/17 08:00	08/03/17 11:42	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/03/17 11:42	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	106	%	68-130		1	08/02/17 08:00	08/03/17 11:42	1868-53-7	
Toluene-d8 (S)	108	%	68-149		1	08/02/17 08:00	08/03/17 11:42	2037-26-5	
4-Bromofluorobenzene (S)	91	%	58-141		1	08/02/17 08:00	08/03/17 11:42	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**12.5**	%	0.10	0.10	1		08/08/17 15:05		

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1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154096

Sample: SB-33, 2.5-3 **Lab ID: 40154096009** Collected: 07/28/17 09:30 Received: 07/29/17 08:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB	Analytical Method: EPA 8082 Preparation Method: EPA 3541								
PCB-1016 (Aroclor 1016)	**<30.6**	ug/kg	61.2	30.6	1	08/01/17 12:31	08/02/17 19:27	12674-11-2	
PCB-1221 (Aroclor 1221)	**<30.6**	ug/kg	61.2	30.6	1	08/01/17 12:31	08/02/17 19:27	11104-28-2	
PCB-1232 (Aroclor 1232)	**<30.6**	ug/kg	61.2	30.6	1	08/01/17 12:31	08/02/17 19:27	11141-16-5	
PCB-1242 (Aroclor 1242)	**<30.6**	ug/kg	61.2	30.6	1	08/01/17 12:31	08/02/17 19:27	53469-21-9	
PCB-1248 (Aroclor 1248)	**<30.6**	ug/kg	61.2	30.6	1	08/01/17 12:31	08/02/17 19:27	12672-29-6	
PCB-1254 (Aroclor 1254)	**<30.6**	ug/kg	61.2	30.6	1	08/01/17 12:31	08/02/17 19:27	11097-69-1	
PCB-1260 (Aroclor 1260)	**<30.6**	ug/kg	61.2	30.6	1	08/01/17 12:31	08/02/17 19:27	11096-82-5	
PCB, Total	**<30.6**	ug/kg	61.2	30.6	1	08/01/17 12:31	08/02/17 19:27	1336-36-3	
Surrogates									
Tetrachloro-m-xylene (S)	58	%	50-102		1	08/01/17 12:31	08/02/17 19:27	877-09-8	
Decachlorobiphenyl (S)	75	%	53-105		1	08/01/17 12:31	08/02/17 19:27	2051-24-3	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050								
Arsenic	**1.4J**	mg/kg	5.8	1.2	1	07/31/17 15:24	08/01/17 16:21	7440-38-2	
Barium	**19.1**	mg/kg	0.58	0.17	1	07/31/17 15:24	08/01/17 16:21	7440-39-3	
Cadmium	**<0.15**	mg/kg	0.58	0.15	1	07/31/17 15:24	08/01/17 16:21	7440-43-9	
Chromium	**8.8**	mg/kg	1.2	0.32	1	07/31/17 15:24	08/01/17 16:21	7440-47-3	
Lead	**4.5**	mg/kg	1.5	0.50	1	07/31/17 15:24	08/01/17 16:21	7439-92-1	
Selenium	**<1.3**	mg/kg	5.8	1.3	1	07/31/17 15:24	08/01/17 16:21	7782-49-2	
Silver	**<0.40**	mg/kg	1.2	0.40	1	07/31/17 15:24	08/01/17 16:21	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471								
Mercury	**<0.013**	mg/kg	0.043	0.013	1	08/11/17 06:31	08/11/17 12:58	7439-97-6	
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546								
1,2,4-Trichlorobenzene	**<23.1**	ug/kg	77.0	23.1	1	08/03/17 10:50	08/03/17 14:36	120-82-1	
1,2-Dichlorobenzene	**<64.3**	ug/kg	214	64.3	1	08/03/17 10:50	08/03/17 14:36	95-50-1	
1,3-Dichlorobenzene	**<28.3**	ug/kg	94.4	28.3	1	08/03/17 10:50	08/03/17 14:36	541-73-1	
1,4-Dichlorobenzene	**<28.5**	ug/kg	94.9	28.5	1	08/03/17 10:50	08/03/17 14:36	106-46-7	
2,2'-Oxybis(1-chloropropane)	**<52.7**	ug/kg	176	52.7	1	08/03/17 10:50	08/03/17 14:36	108-60-1	
2,4,5-Trichlorophenol	**<36.1**	ug/kg	120	36.1	1	08/03/17 10:50	08/03/17 14:36	95-95-4	
2,4,6-Trichlorophenol	**<31.2**	ug/kg	104	31.2	1	08/03/17 10:50	08/03/17 14:36	88-06-2	
2,4-Dichlorophenol	**<54.6**	ug/kg	182	54.6	1	08/03/17 10:50	08/03/17 14:36	120-83-2	
2,4-Dimethylphenol	**<40.4**	ug/kg	135	40.4	1	08/03/17 10:50	08/03/17 14:36	105-67-9	
2,4-Dinitrophenol	**<62.3**	ug/kg	208	62.3	1	08/03/17 10:50	08/03/17 14:36	51-28-5	
2,4-Dinitrotoluene	**<29.2**	ug/kg	97.5	29.2	1	08/03/17 10:50	08/03/17 14:36	121-14-2	
2,6-Dinitrotoluene	**<38.8**	ug/kg	129	38.8	1	08/03/17 10:50	08/03/17 14:36	606-20-2	
2-Chloronaphthalene	**<26.3**	ug/kg	87.5	26.3	1	08/03/17 10:50	08/03/17 14:36	91-58-7	
2-Chlorophenol	**<51.0**	ug/kg	170	51.0	1	08/03/17 10:50	08/03/17 14:36	95-57-8	
2-Methylnaphthalene	**<53.1**	ug/kg	177	53.1	1	08/03/17 10:50	08/03/17 14:36	91-57-6	
2-Methylphenol(o-Cresol)	**<37.1**	ug/kg	124	37.1	1	08/03/17 10:50	08/03/17 14:36	95-48-7	
2-Nitroaniline	**<58.3**	ug/kg	194	58.3	1	08/03/17 10:50	08/03/17 14:36	88-74-4	
2-Nitrophenol	**<64.5**	ug/kg	215	64.5	1	08/03/17 10:50	08/03/17 14:36	88-75-5	
3&4-Methylphenol(m&p Cresol)	**<37.5**	ug/kg	125	37.5	1	08/03/17 10:50	08/03/17 14:36		
3,3'-Dichlorobenzidine	**<55.5**	ug/kg	185	55.5	1	08/03/17 10:50	08/03/17 14:36	91-94-1	

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ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154096

Sample: SB-33, 2.5-3 **Lab ID: 40154096009** Collected: 07/28/17 09:30 Received: 07/29/17 08:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546								
3-Nitroaniline	**<34.8**	ug/kg	116	34.8	1	08/03/17 10:50	08/03/17 14:36	99-09-2	
4,6-Dinitro-2-methylphenol	**<63.0**	ug/kg	210	63.0	1	08/03/17 10:50	08/03/17 14:36	534-52-1	
4-Bromophenylphenyl ether	**<42.8**	ug/kg	143	42.8	1	08/03/17 10:50	08/03/17 14:36	101-55-3	
4-Chloro-3-methylphenol	**<63.6**	ug/kg	212	63.6	1	08/03/17 10:50	08/03/17 14:36	59-50-7	
4-Chloroaniline	**<33.6**	ug/kg	112	33.6	1	08/03/17 10:50	08/03/17 14:36	106-47-8	
4-Chlorophenylphenyl ether	**<38.1**	ug/kg	127	38.1	1	08/03/17 10:50	08/03/17 14:36	7005-72-3	
4-Nitroaniline	**<84.9**	ug/kg	283	84.9	1	08/03/17 10:50	08/03/17 14:36	100-01-6	
4-Nitrophenol	**<51.5**	ug/kg	172	51.5	1	08/03/17 10:50	08/03/17 14:36	100-02-7	
Acenaphthene	**<72.5**	ug/kg	242	72.5	1	08/03/17 10:50	08/03/17 14:36	83-32-9	
Acenaphthylene	**<72.9**	ug/kg	243	72.9	1	08/03/17 10:50	08/03/17 14:36	208-96-8	
Anthracene	**<32.7**	ug/kg	109	32.7	1	08/03/17 10:50	08/03/17 14:36	120-12-7	
Benzo(a)anthracene	**<31.7**	ug/kg	106	31.7	1	08/03/17 10:50	08/03/17 14:36	56-55-3	
Benzo(a)pyrene	**<30.8**	ug/kg	103	30.8	1	08/03/17 10:50	08/03/17 14:36	50-32-8	
Benzo(b)fluoranthene	**<35.1**	ug/kg	117	35.1	1	08/03/17 10:50	08/03/17 14:36	205-99-2	
Benzo(g,h,i)perylene	**<53.5**	ug/kg	178	53.5	1	08/03/17 10:50	08/03/17 14:36	191-24-2	
Benzo(k)fluoranthene	**<49.0**	ug/kg	163	49.0	1	08/03/17 10:50	08/03/17 14:36	207-08-9	
Butylbenzylphthalate	**<32.8**	ug/kg	109	32.8	1	08/03/17 10:50	08/03/17 14:36	85-68-7	
Carbazole	**<32.0**	ug/kg	107	32.0	1	08/03/17 10:50	08/03/17 14:36	86-74-8	
Chrysene	**<30.6**	ug/kg	102	30.6	1	08/03/17 10:50	08/03/17 14:36	218-01-9	
Di-n-butylphthalate	**<30.6**	ug/kg	102	30.6	1	08/03/17 10:50	08/03/17 14:36	84-74-2	
Di-n-octylphthalate	**<46.0**	ug/kg	153	46.0	1	08/03/17 10:50	08/03/17 14:36	117-84-0	
Dibenz(a,h)anthracene	**<55.5**	ug/kg	185	55.5	1	08/03/17 10:50	08/03/17 14:36	53-70-3	
Dibenzofuran	**<24.7**	ug/kg	82.5	24.7	1	08/03/17 10:50	08/03/17 14:36	132-64-9	
Diethylphthalate	**<33.9**	ug/kg	113	33.9	1	08/03/17 10:50	08/03/17 14:36	84-66-2	
Dimethylphthalate	**<26.6**	ug/kg	88.7	26.6	1	08/03/17 10:50	08/03/17 14:36	131-11-3	
Fluoranthene	**<28.9**	ug/kg	96.4	28.9	1	08/03/17 10:50	08/03/17 14:36	206-44-0	
Fluorene	**<23.9**	ug/kg	79.7	23.9	1	08/03/17 10:50	08/03/17 14:36	86-73-7	
Hexachloro-1,3-butadiene	**<52.1**	ug/kg	174	52.1	1	08/03/17 10:50	08/03/17 14:36	87-68-3	
Hexachlorobenzene	**<34.4**	ug/kg	115	34.4	1	08/03/17 10:50	08/03/17 14:36	118-74-1	
Hexachlorocyclopentadiene	**<48.4**	ug/kg	161	48.4	1	08/03/17 10:50	08/03/17 14:36	77-47-4	
Hexachloroethane	**<32.7**	ug/kg	109	32.7	1	08/03/17 10:50	08/03/17 14:36	67-72-1	
Indeno(1,2,3-cd)pyrene	**<44.2**	ug/kg	147	44.2	1	08/03/17 10:50	08/03/17 14:36	193-39-5	
Isophorone	**<31.4**	ug/kg	105	31.4	1	08/03/17 10:50	08/03/17 14:36	78-59-1	
N-Nitroso-di-n-propylamine	**<32.4**	ug/kg	108	32.4	1	08/03/17 10:50	08/03/17 14:36	621-64-7	
N-Nitrosodiphenylamine	**<277**	ug/kg	925	277	1	08/03/17 10:50	08/03/17 14:36	86-30-6	
Naphthalene	**<71.5**	ug/kg	238	71.5	1	08/03/17 10:50	08/03/17 14:36	91-20-3	
Nitrobenzene	**<41.5**	ug/kg	138	41.5	1	08/03/17 10:50	08/03/17 14:36	98-95-3	
Pentachlorophenol	**<45.0**	ug/kg	150	45.0	1	08/03/17 10:50	08/03/17 14:36	87-86-5	
Phenanthrene	**<26.2**	ug/kg	87.4	26.2	1	08/03/17 10:50	08/03/17 14:36	85-01-8	
Phenol	**<48.5**	ug/kg	162	48.5	1	08/03/17 10:50	08/03/17 14:36	108-95-2	
Pyrene	**<45.3**	ug/kg	151	45.3	1	08/03/17 10:50	08/03/17 14:36	129-00-0	
bis(2-Chloroethoxy)methane	**<55.1**	ug/kg	184	55.1	1	08/03/17 10:50	08/03/17 14:36	111-91-1	
bis(2-Chloroethyl) ether	**<63.8**	ug/kg	213	63.8	1	08/03/17 10:50	08/03/17 14:36	111-44-4	
bis(2-Ethylhexyl)phthalate	**<34.0**	ug/kg	113	34.0	1	08/03/17 10:50	08/03/17 14:36	117-81-7	

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ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154096

Sample: SB-33, 2.5-3 **Lab ID: 40154096009** Collected: 07/28/17 09:30 Received: 07/29/17 08:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546								
Surrogates									
Nitrobenzene-d5 (S)	88	%	13-114		1	08/03/17 10:50	08/03/17 14:36	4165-60-0	
2-Fluorobiphenyl (S)	75	%	18-127		1	08/03/17 10:50	08/03/17 14:36	321-60-8	
Terphenyl-d14 (S)	77	%	41-109		1	08/03/17 10:50	08/03/17 14:36	1718-51-0	
Phenol-d6 (S)	82	%	30-97		1	08/03/17 10:50	08/03/17 14:36	13127-88-3	
2-Fluorophenol (S)	85	%	16-103		1	08/03/17 10:50	08/03/17 14:36	367-12-4	
2,4,6-Tribromophenol (S)	98	%	13-143		1	08/03/17 10:50	08/03/17 14:36	118-79-6	
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/03/17 12:05	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/03/17 12:05	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/03/17 12:05	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/03/17 12:05	75-27-4	W
Bromoform	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/03/17 12:05	75-25-2	W
Bromomethane	**<69.9**	ug/kg	250	69.9	1	08/02/17 08:00	08/03/17 12:05	74-83-9	W
n-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/03/17 12:05	104-51-8	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/03/17 12:05	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/03/17 12:05	98-06-6	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/03/17 12:05	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/03/17 12:05	108-90-7	W
Chloroethane	**<67.0**	ug/kg	250	67.0	1	08/02/17 08:00	08/03/17 12:05	75-00-3	W
Chloroform	**<46.4**	ug/kg	250	46.4	1	08/02/17 08:00	08/03/17 12:05	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/03/17 12:05	74-87-3	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/03/17 12:05	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/03/17 12:05	106-43-4	W
1,2-Dibromo-3-chloropropane	**<91.2**	ug/kg	250	91.2	1	08/02/17 08:00	08/03/17 12:05	96-12-8	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/03/17 12:05	124-48-1	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/03/17 12:05	106-93-4	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/03/17 12:05	74-95-3	W
1,2-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/03/17 12:05	95-50-1	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/03/17 12:05	541-73-1	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/03/17 12:05	106-46-7	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/03/17 12:05	75-71-8	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/03/17 12:05	75-34-3	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/03/17 12:05	107-06-2	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/03/17 12:05	75-35-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/03/17 12:05	156-59-2	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/03/17 12:05	156-60-5	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/03/17 12:05	78-87-5	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/03/17 12:05	142-28-9	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/03/17 12:05	594-20-7	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/03/17 12:05	563-58-6	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/03/17 12:05	10061-01-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/03/17 12:05	10061-02-6	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/03/17 12:05	108-20-3	W

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ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154096

Sample: SB-33, 2.5-3 **Lab ID: 40154096009** Collected: 07/28/17 09:30 Received: 07/29/17 08:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/03/17 12:05	100-41-4	W
Hexachloro-1,3-butadiene	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/03/17 12:05	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/03/17 12:05	98-82-8	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/03/17 12:05	99-87-6	W
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/03/17 12:05	75-09-2	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/03/17 12:05	1634-04-4	W
Naphthalene	**<40.0**	ug/kg	250	40.0	1	08/02/17 08:00	08/03/17 12:05	91-20-3	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/03/17 12:05	103-65-1	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/03/17 12:05	100-42-5	W
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/03/17 12:05	630-20-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/03/17 12:05	79-34-5	W
Tetrachloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/03/17 12:05	127-18-4	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/03/17 12:05	108-88-3	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/03/17 12:05	87-61-6	W
1,2,4-Trichlorobenzene	**<47.6**	ug/kg	250	47.6	1	08/02/17 08:00	08/03/17 12:05	120-82-1	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/03/17 12:05	71-55-6	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/03/17 12:05	79-00-5	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/03/17 12:05	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/03/17 12:05	75-69-4	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/03/17 12:05	96-18-4	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/03/17 12:05	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/03/17 12:05	108-67-8	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/03/17 12:05	75-01-4	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	08/02/17 08:00	08/03/17 12:05	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/03/17 12:05	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	100	%	68-130		1	08/02/17 08:00	08/03/17 12:05	1868-53-7	
Toluene-d8 (S)	102	%	68-149		1	08/02/17 08:00	08/03/17 12:05	2037-26-5	
4-Bromofluorobenzene (S)	82	%	58-141		1	08/02/17 08:00	08/03/17 12:05	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**18.3**	%	0.10	0.10	1		08/08/17 15:06		

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(920)469-2436

ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154096

Sample: SB-52, 4-5 **Lab ID: 40154096010** Collected: 07/28/17 10:15 Received: 07/29/17 08:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050								
Lead	**2.6**	mg/kg	1.5	0.49	1	07/31/17 15:24	08/01/17 16:23	7439-92-1	
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546								
Acenaphthene	**<5.0**	ug/kg	16.6	5.0	1	08/08/17 10:02	08/08/17 17:58	83-32-9	
Acenaphthylene	**<4.2**	ug/kg	14.2	4.2	1	08/08/17 10:02	08/08/17 17:58	208-96-8	
Anthracene	**11.7J**	ug/kg	24.5	7.4	1	08/08/17 10:02	08/08/17 17:58	120-12-7	
Benzo(a)anthracene	**37.0**	ug/kg	13.7	4.1	1	08/08/17 10:02	08/08/17 17:58	56-55-3	
Benzo(a)pyrene	**41.3**	ug/kg	10.8	3.2	1	08/08/17 10:02	08/08/17 17:58	50-32-8	
Benzo(b)fluoranthene	**31.6**	ug/kg	12.1	3.6	1	08/08/17 10:02	08/08/17 17:58	205-99-2	
Benzo(g,h,i)perylene	**30.9**	ug/kg	8.7	2.6	1	08/08/17 10:02	08/08/17 17:58	191-24-2	
Benzo(k)fluoranthene	**40.2**	ug/kg	10.8	3.2	1	08/08/17 10:02	08/08/17 17:58	207-08-9	
Chrysene	**40.0**	ug/kg	14.4	4.3	1	08/08/17 10:02	08/08/17 17:58	218-01-9	
Dibenz(a,h)anthracene	**9.4J**	ug/kg	9.6	2.9	1	08/08/17 10:02	08/08/17 17:58	53-70-3	
Fluoranthene	**85.8**	ug/kg	22.4	6.7	1	08/08/17 10:02	08/08/17 17:58	206-44-0	
Fluorene	**<5.3**	ug/kg	17.8	5.3	1	08/08/17 10:02	08/08/17 17:58	86-73-7	
Indeno(1,2,3-cd)pyrene	**26.0**	ug/kg	9.5	2.8	1	08/08/17 10:02	08/08/17 17:58	193-39-5	
1-Methylnaphthalene	**<5.2**	ug/kg	17.3	5.2	1	08/08/17 10:02	08/08/17 17:58	90-12-0	
2-Methylnaphthalene	**<6.4**	ug/kg	21.5	6.4	1	08/08/17 10:02	08/08/17 17:58	91-57-6	
Naphthalene	**<10.9**	ug/kg	36.2	10.9	1	08/08/17 10:02	08/08/17 17:58	91-20-3	
Phenanthrene	**45.1J**	ug/kg	50.0	15.0	1	08/08/17 10:02	08/08/17 17:58	85-01-8	
Pyrene	**67.7**	ug/kg	19.3	5.8	1	08/08/17 10:02	08/08/17 17:58	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	55	%	19-96		1	08/08/17 10:02	08/08/17 17:58	321-60-8	
Terphenyl-d14 (S)	59	%	31-98		1	08/08/17 10:02	08/08/17 17:58	1718-51-0	
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/02/17 15:48	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/02/17 15:48	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/02/17 15:48	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/02/17 15:48	75-27-4	W
Bromoform	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/02/17 15:48	75-25-2	W
Bromomethane	**<69.9**	ug/kg	250	69.9	1	08/02/17 08:00	08/02/17 15:48	74-83-9	W
n-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/02/17 15:48	104-51-8	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/02/17 15:48	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/02/17 15:48	98-06-6	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/02/17 15:48	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/02/17 15:48	108-90-7	W
Chloroethane	**<67.0**	ug/kg	250	67.0	1	08/02/17 08:00	08/02/17 15:48	75-00-3	W
Chloroform	**<46.4**	ug/kg	250	46.4	1	08/02/17 08:00	08/02/17 15:48	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/02/17 15:48	74-87-3	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/02/17 15:48	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/02/17 15:48	106-43-4	W
1,2-Dibromo-3-chloropropane	**<91.2**	ug/kg	250	91.2	1	08/02/17 08:00	08/02/17 15:48	96-12-8	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/02/17 15:48	124-48-1	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/02/17 15:48	106-93-4	W

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ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154096

Sample: SB-52, 4-5 **Lab ID: 40154096010** Collected: 07/28/17 10:15 Received: 07/29/17 08:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/02/17 15:48	74-95-3	W
1,2-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/02/17 15:48	95-50-1	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/02/17 15:48	541-73-1	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/02/17 15:48	106-46-7	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/02/17 15:48	75-71-8	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/02/17 15:48	75-34-3	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/02/17 15:48	107-06-2	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/02/17 15:48	75-35-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/02/17 15:48	156-59-2	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/02/17 15:48	156-60-5	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/02/17 15:48	78-87-5	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/02/17 15:48	142-28-9	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/02/17 15:48	594-20-7	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/02/17 15:48	563-58-6	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/02/17 15:48	10061-01-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/02/17 15:48	10061-02-6	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/02/17 15:48	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/02/17 15:48	100-41-4	W
Hexachloro-1,3-butadiene	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/02/17 15:48	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/02/17 15:48	98-82-8	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/02/17 15:48	99-87-6	W
Methylene Chloride	**34.0J**	ug/kg	77.5	32.3	1	08/02/17 08:00	08/02/17 15:48	75-09-2	
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/02/17 15:48	1634-04-4	W
Naphthalene	**<40.0**	ug/kg	250	40.0	1	08/02/17 08:00	08/02/17 15:48	91-20-3	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/02/17 15:48	103-65-1	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/02/17 15:48	100-42-5	W
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/02/17 15:48	630-20-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/02/17 15:48	79-34-5	W
Tetrachloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/02/17 15:48	127-18-4	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/02/17 15:48	108-88-3	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/02/17 15:48	87-61-6	W
1,2,4-Trichlorobenzene	**<47.6**	ug/kg	250	47.6	1	08/02/17 08:00	08/02/17 15:48	120-82-1	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/02/17 15:48	71-55-6	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/02/17 15:48	79-00-5	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/02/17 15:48	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/02/17 15:48	75-69-4	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/02/17 15:48	96-18-4	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/02/17 15:48	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/02/17 15:48	108-67-8	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/02/17 15:48	75-01-4	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	08/02/17 08:00	08/02/17 15:48	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/02/17 15:48	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	112	%	68-130		1	08/02/17 08:00	08/02/17 15:48	1868-53-7	
Toluene-d8 (S)	113	%	68-149		1	08/02/17 08:00	08/02/17 15:48	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154096

Sample: SB-52, 4-5 **Lab ID: 40154096010** Collected: 07/28/17 10:15 Received: 07/29/17 08:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Surrogates									
4-Bromofluorobenzene (S)	97	%	58-141		1	08/02/17 08:00	08/02/17 15:48	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**22.5**	%	0.10	0.10	1		07/31/17 16:12		

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ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154096

Sample: SB-29, 2-2.5 **Lab ID: 40154096011** Collected: 07/28/17 11:20 Received: 07/29/17 08:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB	Analytical Method: EPA 8082 Preparation Method: EPA 3541								
PCB-1016 (Aroclor 1016)	**<31.6**	ug/kg	63.3	31.6	1	08/07/17 13:29	08/08/17 05:57	12674-11-2	
PCB-1221 (Aroclor 1221)	**<31.6**	ug/kg	63.3	31.6	1	08/07/17 13:29	08/08/17 05:57	11104-28-2	
PCB-1232 (Aroclor 1232)	**<31.6**	ug/kg	63.3	31.6	1	08/07/17 13:29	08/08/17 05:57	11141-16-5	
PCB-1242 (Aroclor 1242)	**<31.6**	ug/kg	63.3	31.6	1	08/07/17 13:29	08/08/17 05:57	53469-21-9	
PCB-1248 (Aroclor 1248)	**<31.6**	ug/kg	63.3	31.6	1	08/07/17 13:29	08/08/17 05:57	12672-29-6	
PCB-1254 (Aroclor 1254)	**<31.6**	ug/kg	63.3	31.6	1	08/07/17 13:29	08/08/17 05:57	11097-69-1	
PCB-1260 (Aroclor 1260)	**<31.6**	ug/kg	63.3	31.6	1	08/07/17 13:29	08/08/17 05:57	11096-82-5	
PCB, Total	**<31.6**	ug/kg	63.3	31.6	1	08/07/17 13:29	08/08/17 05:57	1336-36-3	
Surrogates									
Tetrachloro-m-xylene (S)	76	%	50-102		1	08/07/17 13:29	08/08/17 05:57	877-09-8	
Decachlorobiphenyl (S)	70	%	53-105		1	08/07/17 13:29	08/08/17 05:57	2051-24-3	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050								
Arsenic	**20.7J**	mg/kg	28.8	6.0	5	07/31/17 15:24	08/02/17 09:08	7440-38-2	D3
Barium	**299**	mg/kg	0.58	0.17	1	07/31/17 15:24	08/01/17 16:26	7440-39-3	
Cadmium	**0.85J**	mg/kg	2.9	0.76	5	07/31/17 15:24	08/02/17 09:08	7440-43-9	D3
Chromium	**20.5**	mg/kg	1.2	0.32	1	07/31/17 15:24	08/01/17 16:26	7440-47-3	
Lead	**242**	mg/kg	7.5	2.5	5	07/31/17 15:24	08/02/17 09:08	7439-92-1	
Selenium	**<1.3**	mg/kg	5.8	1.3	1	07/31/17 15:24	08/01/17 16:26	7782-49-2	
Silver	**0.69J**	mg/kg	1.2	0.40	1	07/31/17 15:24	08/01/17 16:26	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471								
Mercury	**0.16**	mg/kg	0.045	0.014	1	08/11/17 06:31	08/11/17 13:13	7439-97-6	
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546								
1,2,4-Trichlorobenzene	**<23.9**	ug/kg	79.6	23.9	1	08/03/17 10:50	08/04/17 16:06	120-82-1	
1,2-Dichlorobenzene	**<66.4**	ug/kg	221	66.4	1	08/03/17 10:50	08/04/17 16:06	95-50-1	
1,3-Dichlorobenzene	**<29.3**	ug/kg	97.5	29.3	1	08/03/17 10:50	08/04/17 16:06	541-73-1	
1,4-Dichlorobenzene	**<29.4**	ug/kg	98.1	29.4	1	08/03/17 10:50	08/04/17 16:06	106-46-7	
2,2'-Oxybis(1-chloropropane)	**<54.5**	ug/kg	182	54.5	1	08/03/17 10:50	08/04/17 16:06	108-60-1	
2,4,5-Trichlorophenol	**<37.3**	ug/kg	124	37.3	1	08/03/17 10:50	08/04/17 16:06	95-95-4	
2,4,6-Trichlorophenol	**<32.2**	ug/kg	107	32.2	1	08/03/17 10:50	08/04/17 16:06	88-06-2	
2,4-Dichlorophenol	**<56.5**	ug/kg	188	56.5	1	08/03/17 10:50	08/04/17 16:06	120-83-2	
2,4-Dimethylphenol	**<41.8**	ug/kg	139	41.8	1	08/03/17 10:50	08/04/17 16:06	105-67-9	
2,4-Dinitrophenol	**<64.4**	ug/kg	215	64.4	1	08/03/17 10:50	08/04/17 16:06	51-28-5	
2,4-Dinitrotoluene	**<30.2**	ug/kg	101	30.2	1	08/03/17 10:50	08/04/17 16:06	121-14-2	
2,6-Dinitrotoluene	**<40.1**	ug/kg	134	40.1	1	08/03/17 10:50	08/04/17 16:06	606-20-2	
2-Chloronaphthalene	**<27.1**	ug/kg	90.4	27.1	1	08/03/17 10:50	08/04/17 16:06	91-58-7	
2-Chlorophenol	**<52.7**	ug/kg	176	52.7	1	08/03/17 10:50	08/04/17 16:06	95-57-8	
2-Methylnaphthalene	**249**	ug/kg	183	54.9	1	08/03/17 10:50	08/04/17 16:06	91-57-6	
2-Methylphenol(o-Cresol)	**<38.4**	ug/kg	128	38.4	1	08/03/17 10:50	08/04/17 16:06	95-48-7	
2-Nitroaniline	**<60.2**	ug/kg	201	60.2	1	08/03/17 10:50	08/04/17 16:06	88-74-4	
2-Nitrophenol	**<66.7**	ug/kg	222	66.7	1	08/03/17 10:50	08/04/17 16:06	88-75-5	
3&4-Methylphenol(m&p Cresol)	**<38.7**	ug/kg	129	38.7	1	08/03/17 10:50	08/04/17 16:06		
3,3'-Dichlorobenzidine	**<57.3**	ug/kg	191	57.3	1	08/03/17 10:50	08/04/17 16:06	91-94-1	

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1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154096

Sample: SB-29, 2-2.5 **Lab ID: 40154096011** Collected: 07/28/17 11:20 Received: 07/29/17 08:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546								
3-Nitroaniline	**<35.9**	ug/kg	120	35.9	1	08/03/17 10:50	08/04/17 16:06	99-09-2	
4,6-Dinitro-2-methylphenol	**<65.1**	ug/kg	217	65.1	1	08/03/17 10:50	08/04/17 16:06	534-52-1	
4-Bromophenylphenyl ether	**<44.2**	ug/kg	147	44.2	1	08/03/17 10:50	08/04/17 16:06	101-55-3	
4-Chloro-3-methylphenol	**<65.7**	ug/kg	219	65.7	1	08/03/17 10:50	08/04/17 16:06	59-50-7	
4-Chloroaniline	**<34.7**	ug/kg	116	34.7	1	08/03/17 10:50	08/04/17 16:06	106-47-8	
4-Chlorophenylphenyl ether	**<39.4**	ug/kg	131	39.4	1	08/03/17 10:50	08/04/17 16:06	7005-72-3	
4-Nitroaniline	**<87.7**	ug/kg	292	87.7	1	08/03/17 10:50	08/04/17 16:06	100-01-6	
4-Nitrophenol	**<53.2**	ug/kg	177	53.2	1	08/03/17 10:50	08/04/17 16:06	100-02-7	
Acenaphthene	**141J**	ug/kg	250	74.9	1	08/03/17 10:50	08/04/17 16:06	83-32-9	
Acenaphthylene	**<75.4**	ug/kg	251	75.4	1	08/03/17 10:50	08/04/17 16:06	208-96-8	
Anthracene	**281**	ug/kg	113	33.8	1	08/03/17 10:50	08/04/17 16:06	120-12-7	
Benzo(a)anthracene	**603**	ug/kg	109	32.7	1	08/03/17 10:50	08/04/17 16:06	56-55-3	
Benzo(a)pyrene	**642**	ug/kg	106	31.8	1	08/03/17 10:50	08/04/17 16:06	50-32-8	
Benzo(b)fluoranthene	**737**	ug/kg	121	36.3	1	08/03/17 10:50	08/04/17 16:06	205-99-2	
Benzo(g,h,i)perylene	**455**	ug/kg	184	55.3	1	08/03/17 10:50	08/04/17 16:06	191-24-2	
Benzo(k)fluoranthene	**266**	ug/kg	169	50.6	1	08/03/17 10:50	08/04/17 16:06	207-08-9	
Butylbenzylphthalate	**<33.9**	ug/kg	113	33.9	1	08/03/17 10:50	08/04/17 16:06	85-68-7	
Carbazole	**125**	ug/kg	110	33.1	1	08/03/17 10:50	08/04/17 16:06	86-74-8	
Chrysene	**614**	ug/kg	105	31.6	1	08/03/17 10:50	08/04/17 16:06	218-01-9	
Di-n-butylphthalate	**<31.6**	ug/kg	105	31.6	1	08/03/17 10:50	08/04/17 16:06	84-74-2	
Di-n-octylphthalate	**<47.5**	ug/kg	158	47.5	1	08/03/17 10:50	08/04/17 16:06	117-84-0	
Dibenz(a,h)anthracene	**94.1J**	ug/kg	191	57.4	1	08/03/17 10:50	08/04/17 16:06	53-70-3	
Dibenzofuran	**66.4J**	ug/kg	85.2	25.6	1	08/03/17 10:50	08/04/17 16:06	132-64-9	
Diethylphthalate	**<35.0**	ug/kg	117	35.0	1	08/03/17 10:50	08/04/17 16:06	84-66-2	
Dimethylphthalate	**<27.5**	ug/kg	91.6	27.5	1	08/03/17 10:50	08/04/17 16:06	131-11-3	
Fluoranthene	**1580**	ug/kg	99.7	29.9	1	08/03/17 10:50	08/04/17 16:06	206-44-0	
Fluorene	**140**	ug/kg	82.3	24.7	1	08/03/17 10:50	08/04/17 16:06	86-73-7	
Hexachloro-1,3-butadiene	**<53.8**	ug/kg	179	53.8	1	08/03/17 10:50	08/04/17 16:06	87-68-3	
Hexachlorobenzene	**<35.5**	ug/kg	118	35.5	1	08/03/17 10:50	08/04/17 16:06	118-74-1	
Hexachlorocyclopentadiene	**<50.0**	ug/kg	167	50.0	1	08/03/17 10:50	08/04/17 16:06	77-47-4	
Hexachloroethane	**<33.8**	ug/kg	113	33.8	1	08/03/17 10:50	08/04/17 16:06	67-72-1	
Indeno(1,2,3-cd)pyrene	**477**	ug/kg	152	45.7	1	08/03/17 10:50	08/04/17 16:06	193-39-5	
Isophorone	**<32.5**	ug/kg	108	32.5	1	08/03/17 10:50	08/04/17 16:06	78-59-1	
N-Nitroso-di-n-propylamine	**<33.5**	ug/kg	112	33.5	1	08/03/17 10:50	08/04/17 16:06	621-64-7	
N-Nitrosodiphenylamine	**<287**	ug/kg	956	287	1	08/03/17 10:50	08/04/17 16:06	86-30-6	
Naphthalene	**352**	ug/kg	246	73.9	1	08/03/17 10:50	08/04/17 16:06	91-20-3	
Nitrobenzene	**<42.8**	ug/kg	143	42.8	1	08/03/17 10:50	08/04/17 16:06	98-95-3	
Pentachlorophenol	**<46.5**	ug/kg	155	46.5	1	08/03/17 10:50	08/04/17 16:06	87-86-5	
Phenanthrene	**1240**	ug/kg	90.3	27.1	1	08/03/17 10:50	08/04/17 16:06	85-01-8	
Phenol	**<50.1**	ug/kg	167	50.1	1	08/03/17 10:50	08/04/17 16:06	108-95-2	
Pyrene	**1310**	ug/kg	156	46.8	1	08/03/17 10:50	08/04/17 16:06	129-00-0	
bis(2-Chloroethoxy)methane	**<56.9**	ug/kg	190	56.9	1	08/03/17 10:50	08/04/17 16:06	111-91-1	
bis(2-Chloroethyl) ether	**<66.0**	ug/kg	220	66.0	1	08/03/17 10:50	08/04/17 16:06	111-44-4	
bis(2-Ethylhexyl)phthalate	**<35.1**	ug/kg	117	35.1	1	08/03/17 10:50	08/04/17 16:06	117-81-7	

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ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154096

Sample: SB-29, 2-2.5 **Lab ID: 40154096011** Collected: 07/28/17 11:20 Received: 07/29/17 08:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546								
Surrogates									
Nitrobenzene-d5 (S)	91	%	13-114		1	08/03/17 10:50	08/04/17 16:06	4165-60-0	
2-Fluorobiphenyl (S)	74	%	18-127		1	08/03/17 10:50	08/04/17 16:06	321-60-8	
Terphenyl-d14 (S)	90	%	41-109		1	08/03/17 10:50	08/04/17 16:06	1718-51-0	
Phenol-d6 (S)	84	%	30-97		1	08/03/17 10:50	08/04/17 16:06	13127-88-3	
2-Fluorophenol (S)	83	%	16-103		1	08/03/17 10:50	08/04/17 16:06	367-12-4	
2,4,6-Tribromophenol (S)	110	%	13-143		1	08/03/17 10:50	08/04/17 16:06	118-79-6	
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/02/17 16:11	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/02/17 16:11	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/02/17 16:11	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/02/17 16:11	75-27-4	W
Bromoform	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/02/17 16:11	75-25-2	W
Bromomethane	**<69.9**	ug/kg	250	69.9	1	08/02/17 08:00	08/02/17 16:11	74-83-9	W
n-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/02/17 16:11	104-51-8	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/02/17 16:11	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/02/17 16:11	98-06-6	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/02/17 16:11	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/02/17 16:11	108-90-7	W
Chloroethane	**<67.0**	ug/kg	250	67.0	1	08/02/17 08:00	08/02/17 16:11	75-00-3	W
Chloroform	**<46.4**	ug/kg	250	46.4	1	08/02/17 08:00	08/02/17 16:11	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/02/17 16:11	74-87-3	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/02/17 16:11	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/02/17 16:11	106-43-4	W
1,2-Dibromo-3-chloropropane	**<91.2**	ug/kg	250	91.2	1	08/02/17 08:00	08/02/17 16:11	96-12-8	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/02/17 16:11	124-48-1	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/02/17 16:11	106-93-4	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/02/17 16:11	74-95-3	W
1,2-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/02/17 16:11	95-50-1	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/02/17 16:11	541-73-1	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/02/17 16:11	106-46-7	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/02/17 16:11	75-71-8	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/02/17 16:11	75-34-3	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/02/17 16:11	107-06-2	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/02/17 16:11	75-35-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/02/17 16:11	156-59-2	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/02/17 16:11	156-60-5	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/02/17 16:11	78-87-5	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/02/17 16:11	142-28-9	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/02/17 16:11	594-20-7	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/02/17 16:11	563-58-6	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/02/17 16:11	10061-01-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/02/17 16:11	10061-02-6	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/02/17 16:11	108-20-3	W

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ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154096

Sample: SB-29, 2-2.5 **Lab ID: 40154096011** Collected: 07/28/17 11:20 Received: 07/29/17 08:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/02/17 16:11	100-41-4	W
Hexachloro-1,3-butadiene	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/02/17 16:11	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/02/17 16:11	98-82-8	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/02/17 16:11	99-87-6	W
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/02/17 16:11	75-09-2	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/02/17 16:11	1634-04-4	W
Naphthalene	**<40.0**	ug/kg	250	40.0	1	08/02/17 08:00	08/02/17 16:11	91-20-3	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/02/17 16:11	103-65-1	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/02/17 16:11	100-42-5	W
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/02/17 16:11	630-20-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/02/17 16:11	79-34-5	W
Tetrachloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/02/17 16:11	127-18-4	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/02/17 16:11	108-88-3	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/02/17 16:11	87-61-6	W
1,2,4-Trichlorobenzene	**<47.6**	ug/kg	250	47.6	1	08/02/17 08:00	08/02/17 16:11	120-82-1	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/02/17 16:11	71-55-6	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/02/17 16:11	79-00-5	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/02/17 16:11	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/02/17 16:11	75-69-4	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/02/17 16:11	96-18-4	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/02/17 16:11	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/02/17 16:11	108-67-8	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/02/17 16:11	75-01-4	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	08/02/17 08:00	08/02/17 16:11	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	08/02/17 08:00	08/02/17 16:11	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	136	%	68-130		1	08/02/17 08:00	08/02/17 16:11	1868-53-7	S3
Toluene-d8 (S)	140	%	68-149		1	08/02/17 08:00	08/02/17 16:11	2037-26-5	
4-Bromofluorobenzene (S)	118	%	58-141		1	08/02/17 08:00	08/02/17 16:11	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**21.0**	%	0.10	0.10	1		07/31/17 16:12		

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ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154096

Sample: TRIP BLANK **Lab ID: 40154096012** Collected: 07/28/17 00:00 Received: 07/29/17 08:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 13:10	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		08/01/17 13:10	108-86-1	
Bromochloromethane	**<0.34**	ug/L	1.0	0.34	1		08/01/17 13:10	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		08/01/17 13:10	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		08/01/17 13:10	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		08/01/17 13:10	74-83-9	
n-Butylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 13:10	104-51-8	
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		08/01/17 13:10	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		08/01/17 13:10	98-06-6	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		08/01/17 13:10	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 13:10	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		08/01/17 13:10	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		08/01/17 13:10	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		08/01/17 13:10	74-87-3	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 13:10	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		08/01/17 13:10	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		08/01/17 13:10	96-12-8	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		08/01/17 13:10	124-48-1	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		08/01/17 13:10	106-93-4	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		08/01/17 13:10	74-95-3	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 13:10	95-50-1	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 13:10	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 13:10	106-46-7	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		08/01/17 13:10	75-71-8	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		08/01/17 13:10	75-34-3	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		08/01/17 13:10	107-06-2	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		08/01/17 13:10	75-35-4	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		08/01/17 13:10	156-59-2	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		08/01/17 13:10	156-60-5	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		08/01/17 13:10	78-87-5	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		08/01/17 13:10	142-28-9	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		08/01/17 13:10	594-20-7	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		08/01/17 13:10	563-58-6	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 13:10	10061-01-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		08/01/17 13:10	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		08/01/17 13:10	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 13:10	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		08/01/17 13:10	87-68-3	
Isopropylbenzene (Cumene)	**<0.14**	ug/L	1.0	0.14	1		08/01/17 13:10	98-82-8	
p-Isopropyltoluene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 13:10	99-87-6	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		08/01/17 13:10	75-09-2	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		08/01/17 13:10	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		08/01/17 13:10	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 13:10	103-65-1	
Styrene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 13:10	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		08/01/17 13:10	630-20-6	

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ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154096

Sample: TRIP BLANK **Lab ID: 40154096012** Collected: 07/28/17 00:00 Received: 07/29/17 08:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,2,2-Tetrachloroethane	**<0.25**	ug/L	1.0	0.25	1		08/01/17 13:10	79-34-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 13:10	127-18-4	
Toluene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 13:10	108-88-3	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		08/01/17 13:10	87-61-6	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		08/01/17 13:10	120-82-1	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		08/01/17 13:10	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		08/01/17 13:10	79-00-5	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		08/01/17 13:10	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		08/01/17 13:10	75-69-4	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		08/01/17 13:10	96-18-4	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 13:10	95-63-6	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 13:10	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		08/01/17 13:10	75-01-4	
m&p-Xylene	**<1.0**	ug/L	2.0	1.0	1		08/01/17 13:10	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		08/01/17 13:10	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	88	%	61-130		1		08/01/17 13:10	460-00-4	
Dibromofluoromethane (S)	108	%	67-130		1		08/01/17 13:10	1868-53-7	
Toluene-d8 (S)	96	%	70-130		1		08/01/17 13:10	2037-26-5	

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QUALITY CONTROL DATA

Project: 0403363 KRAFT
Pace Project No.: 40154096

QC Batch: 263327 | Analysis Method: EPA 8260
QC Batch Method: EPA 5035/5030B | Analysis Description: 8260 MSV Med Level Normal List
Associated Lab Samples: 40154096008, 40154096009, 40154096010, 40154096011

METHOD BLANK: 1549561 | Matrix: Solid
Associated Lab Samples: 40154096008, 40154096009, 40154096010, 40154096011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
4-Bromofluorobenzene (S)	%	92	58-141	08/02/17 09:07	
Dibromofluoromethane (S)	%	106	68-130	08/02/17 09:07	
Toluene-d8 (S)	%	107	68-149	08/02/17 09:07	

LABORATORY CONTROL SAMPLE: 1549562

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
4-Bromofluorobenzene (S)	%			99	58-141	
Dibromofluoromethane (S)	%			105	68-130	
Toluene-d8 (S)	%			107	68-149	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1549563 1549564

Parameter	Units	40154171005 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
4-Bromofluorobenzene (S)	%						100	99	58-141			
Dibromofluoromethane (S)	%						108	108	68-130			
Toluene-d8 (S)	%						111	109	68-149			

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QUALITY CONTROL DATA

Project: 0403363 KRAFT
Pace Project No.: 40154096

QC Batch: 263057 | Analysis Method: EPA 8260
QC Batch Method: EPA 8260 | Analysis Description: 8260 MSV
Associated Lab Samples: 40154096001, 40154096002, 40154096003, 40154096004, 40154096005, 40154096006, 40154096007, 40154096012

METHOD BLANK: 1548213 | Matrix: Water
Associated Lab Samples: 40154096001, 40154096002, 40154096003, 40154096004, 40154096005, 40154096006, 40154096007, 40154096012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
4-Bromofluorobenzene (S)	%	88	61-130	08/01/17 11:19	
Dibromofluoromethane (S)	%	108	67-130	08/01/17 11:19	
Toluene-d8 (S)	%	97	70-130	08/01/17 11:19	

LABORATORY CONTROL SAMPLE: 1548214

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
4-Bromofluorobenzene (S)	%			103	61-130	
Dibromofluoromethane (S)	%			98	67-130	
Toluene-d8 (S)	%			102	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1548424 1548425

Parameter	Units	40154082001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
4-Bromofluorobenzene (S)	%						100	102	61-130			pH
Dibromofluoromethane (S)	%						98	98	67-130			
Toluene-d8 (S)	%						99	101	70-130			

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QUALITY CONTROL DATA

Project: 0403363 KRAFT
Pace Project No.: 40154096

QC Batch: 263201 | Analysis Method: EPA 8082
QC Batch Method: EPA 3541 | Analysis Description: 8082 GCS PCB
Associated Lab Samples: 40154096008, 40154096009

METHOD BLANK: 1548689 | Matrix: Solid
Associated Lab Samples: 40154096008, 40154096009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Decachlorobiphenyl (S)	%	86	53-105	08/02/17 10:24	
Tetrachloro-m-xylene (S)	%	68	50-102	08/02/17 10:24	

LABORATORY CONTROL SAMPLE: 1548690

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Decachlorobiphenyl (S)	%			85	53-105	
Tetrachloro-m-xylene (S)	%			71	50-102	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1548691 1548692

Parameter	Units	40154096008 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Decachlorobiphenyl (S)	%						69	64	53-105			
Tetrachloro-m-xylene (S)	%						53	48	50-102			S0

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 0403363 KRAFT
Pace Project No.: 40154096

QC Batch: 263757 | Analysis Method: EPA 8082
QC Batch Method: EPA 3541 | Analysis Description: 8082 GCS PCB
Associated Lab Samples: 40154096011

METHOD BLANK: 1552400 | Matrix: Solid
Associated Lab Samples: 40154096011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Decachlorobiphenyl (S)	%	76	53-105	08/08/17 01:33	
Tetrachloro-m-xylene (S)	%	72	50-102	08/08/17 01:33	

LABORATORY CONTROL SAMPLE: 1552401

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Decachlorobiphenyl (S)	%			80	53-105	
Tetrachloro-m-xylene (S)	%			76	50-102	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1552402 1552403

Parameter	Units	40154307017 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Decachlorobiphenyl (S)	%						78	79	53-105			
Tetrachloro-m-xylene (S)	%						75	76	50-102			

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QUALITY CONTROL DATA

Project: 0403363 KRAFT
Pace Project No.: 40154096

QC Batch: 263824
QC Batch Method: EPA 3546
Associated Lab Samples: 40154096010

Analysis Method: EPA 8270 by SIM
Analysis Description: 8270/3546 MSSV PAH by SIM

METHOD BLANK: 1552615
Matrix: Solid
Associated Lab Samples: 40154096010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
2-Fluorobiphenyl (S)	%	67	19-96	08/08/17 16:31	
Terphenyl-d14 (S)	%	85	31-98	08/08/17 16:31	

LABORATORY CONTROL SAMPLE: 1552616

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Fluorobiphenyl (S)	%			70	19-96	
Terphenyl-d14 (S)	%			72	31-98	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1552617 1552618

Parameter	Units	40154163003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
2-Fluorobiphenyl (S)	%						64	65	19-96			
Terphenyl-d14 (S)	%						63	63	31-98			

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QUALITY CONTROL DATA

Project: 0403363 KRAFT
Pace Project No.: 40154096

QC Batch: 263410 | Analysis Method: EPA 8270
QC Batch Method: EPA 3546 | Analysis Description: 8270 Solid MSSV Microwave
Associated Lab Samples: 40154096008, 40154096009, 40154096011

METHOD BLANK: 1550145 | Matrix: Solid
Associated Lab Samples: 40154096008, 40154096009, 40154096011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
2,4,6-Tribromophenol (S)	%	104	13-143	08/03/17 11:24	
2-Fluorobiphenyl (S)	%	94	18-127	08/03/17 11:24	
2-Fluorophenol (S)	%	93	16-103	08/03/17 11:24	
Nitrobenzene-d5 (S)	%	100	13-114	08/03/17 11:24	
Phenol-d6 (S)	%	93	30-97	08/03/17 11:24	
Terphenyl-d14 (S)	%	102	41-109	08/03/17 11:24	

LABORATORY CONTROL SAMPLE: 1550146

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2,4,6-Tribromophenol (S)	%			103	13-143	
2-Fluorobiphenyl (S)	%			89	18-127	
2-Fluorophenol (S)	%			80	16-103	
Nitrobenzene-d5 (S)	%			88	13-114	
Phenol-d6 (S)	%			84	30-97	
Terphenyl-d14 (S)	%			97	41-109	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1550147 1550148

Parameter	Units	40153864002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
2,4,6-Tribromophenol (S)	%						71	76	13-143			
2-Fluorobiphenyl (S)	%						83	81	18-127			
2-Fluorophenol (S)	%						74	64	16-103			
Nitrobenzene-d5 (S)	%						85	78	13-114			
Phenol-d6 (S)	%						77	72	30-97			
Terphenyl-d14 (S)	%						88	86	41-109			

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QUALITY CONTROL DATA

Project: 0403363 KRAFT
Pace Project No.: 40154096

QC Batch: 263409 | Analysis Method: EPA 8270
QC Batch Method: EPA 3510 | Analysis Description: 8270 Water MSSV
Associated Lab Samples: 40154096001, 40154096002, 40154096003, 40154096004, 40154096005, 40154096007

METHOD BLANK: 1550142 | Matrix: Water
Associated Lab Samples: 40154096001, 40154096002, 40154096003, 40154096004, 40154096005, 40154096007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
2,4,6-Tribromophenol (S)	%	105	65-140	08/03/17 12:28	
2-Fluorobiphenyl (S)	%	79	59-109	08/03/17 12:28	
2-Fluorophenol (S)	%	55	27-67	08/03/17 12:28	
Nitrobenzene-d5 (S)	%	94	53-100	08/03/17 12:28	
Phenol-d6 (S)	%	35	18-120	08/03/17 12:28	
Terphenyl-d14 (S)	%	103	59-108	08/03/17 12:28	

LABORATORY CONTROL SAMPLE & LCSD: 1550143 1550144

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
2,4,6-Tribromophenol (S)	%				114	112	65-140			
2-Fluorobiphenyl (S)	%				88	90	59-109			
2-Fluorophenol (S)	%				56	60	27-67			
Nitrobenzene-d5 (S)	%				99	97	53-100			
Phenol-d6 (S)	%				38	37	18-120			
Terphenyl-d14 (S)	%				105	105	59-108			

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QUALITY CONTROL DATA

Project: 0403363 KRAFT
Pace Project No.: 40154096

QC Batch: 263450
QC Batch Method: EPA 3510
Analysis Method: EPA 8270 by HVI
Analysis Description: 8270 Water PAH by HVI
Associated Lab Samples: 40154096006

METHOD BLANK: 1550326
Matrix: Water
Associated Lab Samples: 40154096006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
2-Fluorobiphenyl (S)	%	42	35-84	08/03/17 16:04	
Terphenyl-d14 (S)	%	63	10-129	08/03/17 16:04	

LABORATORY CONTROL SAMPLE: 1550327

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Fluorobiphenyl (S)	%			55	35-84	
Terphenyl-d14 (S)	%			82	10-129	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1550362 1550363

Parameter	Units	40154178001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
2-Fluorobiphenyl (S)	%						52	50	35-84			
Terphenyl-d14 (S)	%						74	68	10-129			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

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QUALIFIERS

Project: 0403363 KRAFT
Pace Project No.: 40154096

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above LOD.

J - Estimated concentration at or above the LOD and below the LOQ.

LOD - Limit of Detection adjusted for dilution factor and percent moisture.

LOQ - Limit of Quantitation adjusted for dilution factor and percent moisture.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected at or above the adjusted LOD.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

LABORATORIES

PASI-G	Pace Analytical Services - Green Bay

BATCH QUALIFIERS

Batch: 263499

[M5]	A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

Batch: 263918

[IP]	Benzo(b)fluoranthene and benzo(k)fluoranthene were in the check standard but did not meet the resolution criteria in SW846 Method 8270C. Whereas sample results included are reported as individual isomers, the lab and the customer must recognize them as an isomeric pair.

ANALYTE QUALIFIERS

D3	Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.
E	Analyte concentration exceeded the calibration range. The reported result is estimated.
S0	Surrogate recovery outside laboratory control limits.
S3	Surrogate recovery exceeded laboratory control limits. Analyte presence below reporting limits in associated sample.
S4	Surrogate recovery not evaluated against control limits due to sample dilution.
W	Non-detect results are reported on a wet weight basis.
pH	Post-analysis pH measurement indicates insufficient VOA sample preservation.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 0403363 KRAFT
Pace Project No.: 40154096

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40154096008	**SB-38, 8-10**	EPA 3541	263201	EPA 8082	263205
40154096009	**SB-33, 2.5-3**	EPA 3541	263201	EPA 8082	263205
40154096011	**SB-29, 2-2.5**	EPA 3541	263757	EPA 8082	263760
40154096008	**SB-38, 8-10**	EPA 3050	263096	EPA 6010	263238
40154096009	**SB-33, 2.5-3**	EPA 3050	263096	EPA 6010	263238
40154096010	**SB-52, 4-5**	EPA 3050	263096	EPA 6010	263238
40154096011	**SB-29, 2-2.5**	EPA 3050	263096	EPA 6010	263238
40154096001	**SB-37-S**	EPA 3010	263196	EPA 6010	263303
40154096002	**SB-36-D**	EPA 3010	263196	EPA 6010	263303
40154096003	**SB-37-D**	EPA 3010	263196	EPA 6010	263303
40154096004	**SB-38-S**	EPA 3010	263196	EPA 6010	263303
40154096005	**SB-33-S**	EPA 3010	263196	EPA 6010	263303
40154096006	**SB-52-S**	EPA 3010	263196	EPA 6010	263303
40154096007	**SB-29-S**	EPA 3010	263196	EPA 6010	263303
40154096001	**SB-37-S**	EPA 7470	263725	EPA 7470	263775
40154096002	**SB-36-D**	EPA 7470	263725	EPA 7470	263775
40154096003	**SB-37-D**	EPA 7470	263725	EPA 7470	263775
40154096004	**SB-38-S**	EPA 7470	263725	EPA 7470	263775
40154096005	**SB-33-S**	EPA 7470	263725	EPA 7470	263775
40154096007	**SB-29-S**	EPA 7470	263725	EPA 7470	263775
40154096008	**SB-38, 8-10**	EPA 7471	264196	EPA 7471	264292
40154096009	**SB-33, 2.5-3**	EPA 7471	264196	EPA 7471	264292
40154096011	**SB-29, 2-2.5**	EPA 7471	264196	EPA 7471	264292
40154096010	**SB-52, 4-5**	EPA 3546	263824	EPA 8270 by SIM	263918
40154096008	**SB-38, 8-10**	EPA 3546	263410	EPA 8270	263457
40154096009	**SB-33, 2.5-3**	EPA 3546	263410	EPA 8270	263457
40154096011	**SB-29, 2-2.5**	EPA 3546	263410	EPA 8270	263457
40154096001	**SB-37-S**	EPA 3510	263409	EPA 8270	263499
40154096002	**SB-36-D**	EPA 3510	263409	EPA 8270	263499
40154096003	**SB-37-D**	EPA 3510	263409	EPA 8270	263499
40154096004	**SB-38-S**	EPA 3510	263409	EPA 8270	263499
40154096005	**SB-33-S**	EPA 3510	263409	EPA 8270	263499
40154096007	**SB-29-S**	EPA 3510	263409	EPA 8270	263499
40154096006	**SB-52-S**	EPA 3510	263450	EPA 8270 by HVI	263511
40154096008	**SB-38, 8-10**	EPA 5035/5030B	263327	EPA 8260	263342
40154096009	**SB-33, 2.5-3**	EPA 5035/5030B	263327	EPA 8260	263342
40154096010	**SB-52, 4-5**	EPA 5035/5030B	263327	EPA 8260	263342
40154096011	**SB-29, 2-2.5**	EPA 5035/5030B	263327	EPA 8260	263342
40154096001	**SB-37-S**	EPA 8260	263057		
40154096002	**SB-36-D**	EPA 8260	263057		
40154096003	**SB-37-D**	EPA 8260	263057		
40154096004	**SB-38-S**	EPA 8260	263057		
40154096005	**SB-33-S**	EPA 8260	263057		

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 0403363 KRAFT
Pace Project No.: 40154096

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40154096006	**SB-52-S**	EPA 8260	263057		
40154096007	**SB-29-S**	EPA 8260	263057		
40154096012	**TRIP BLANK**	EPA 8260	263057		
40154096008	**SB-38, 8-10**	ASTM D2974-87	263915		
40154096009	**SB-33, 2.5-3**	ASTM D2974-87	263915		
40154096010	**SB-52, 4-5**	ASTM D2974-87	263115		
40154096011	**SB-29, 2-2.5**	ASTM D2974-87	263115		

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UPPER MIDWEST REGION
MN: 612-607-1700 WI: 920-469-2436

Page 1 of

40154096

CHAIN OF CUSTODY

*Preservation Codes
A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH
H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

(Please Print Clearly)	
Company Name:	ERM
Branch/Location:	Holland MI
Project Contact:	Andrew Dewitt / David Baur
Phone:	616-443-8634
Project Number:	0403363
Project Name:	Kraft
Project State:	WI
Sampled By (Print):	Andrew Dewitt Phil Keister
Sampled By (Sign):	[signature]
PO #:	Regulatory Program:

Quote #:	
Mail To Contact:	
Mail To Company:	
Mail To Address:	
Invoice To Contact:	Andrew Dewitt
Invoice To Company:	ERM
Invoice To Address:	andrewdewitt@erm.com
Invoice To Phone:	

Data Package Options (billable)
- ☐ EPA Level III
- ☐ EPA Level IV

MS/MSD
- ☐ On your sample (billable)
- ☐ NOT needed on your sample

Matrix Codes
A = Air, W = Water, B = Biota, DW = Drinking Water, C = Charcoal, GW = Ground Water, O = Oil, SW = Surface Water, S = Soil, WW = Waste Water, Sl = Sludge, WP = Wipe

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	Metals	VOCs	SVOCs	PAH	LEAD	PCBs	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
FILTERED? (YES/NO) Y/N					N	N	N	N	N	N			
PRESERVATION (CODE)* Pick Letter					D	B	A	A	D	A			
001	SB-37-S	7/27/17	14:10	GW	X	X	X					3-40mLv[B] 1-250mLp[D] 2-1Lag[A]	
002	SB-36-D	7/27/17	15:20	GW	X	X	X						
003	SB-37-D	7/27/17	16:05	GW	X	X	X						
004	SB-38-S	7/27/17	16:40	GW	X	X	X						
005	SB-33-S	7/28/17	9:45	GW	X	X	X						
006	SB-52-S	7/28/17	10:50	GW		X		X	X			2-100mLag[A]	
007	SB-29-S	7/28/17	11:30	GW	X	X	X						
008	SB-38, 8-10	7/27/17	16:35	S	X	X	X			X		1-40mLv[F] 1-4ozp[A] 2-4ozag[A]	
009	SB-33, 2.5-3	7/28/17	9:30	S	X	X	X			X			
010	SB-52, 4-5	"	10:15	S		X		X	X			1-4ozag[A]	
011	SB-29, 2-2.5	"	11:20	S	X	X	X			X			
012	Trip Blank ①											1-40mLv[B]	

Rush Turnaround Time Requested - Prelims
(Rush TAT subject to approval/surcharge)
Date Needed:

Transmit Prelim Rush Results by (complete what you want):
- Email #1:
- Email #2:
- Telephone:
- Fax:

Samples on HOLD are subject to special pricing and release of liability

Relinquished By:	Date/Time:	Received By:	Date/Time:
[signature]	13:30		
CS Logistics	7/29/17 0820	Kimberly Retzke Pace	7/29/17 0820

PACE Project No. 40154096
Receipt Temp = R01 °C
Sample Receipt pH OK / Adjusted
Cooler Custody Seal Present / Not Present, Intact / Not Intact

C019a(27Jun2006)

① Trip Blank added to COC by Lab 7-29-17 KR

Version 6.0 06/14/06

ORIGINAL

Sample Condition Upon Receipt

Pace Analytical Services, LLC. - Green Bay WI
1241 Bellevue Street, Suite 9
Green Bay, WI 54302

Pace Analytical™

Project # **WO#: 40154096**

40154096

Client Name: ERM

Courier: ☐ Fed Ex ☐ UPS ☐ Client ☐ Pace Other: CS Logistics

Tracking #: 597.072717

Custody Seal on Cooler/Box Present: ☐ yes ☑ no Seals intact: ☐ yes ☐ no

Custody Seal on Samples Present: ☐ yes ☑ no Seals intact: ☐ yes ☐ no

Packing Material: ☑ Bubble Wrap ☑ Bubble Bags ☐ None ☐ Other

Thermometer Used NA **Type of Ice:** (Wet) Blue Dry None ☑ Samples on ice, cooling process has begun

Cooler Temperature Uncorr: R01 /Corr: **Biological Tissue is Frozen:** ☐ yes ☐ no

Temp Blank Present: ☐ yes ☑ no

Temp should be above freezing to 6°C.
Biota Samples may be received at ≤ 0°C.

Person examining contents:
Date: 7-29-17
Initials: KR

				Comments:
Chain of Custody Present:	☑Yes	☐No	☐N/A	1. Copy & Original 7-29-17KR
Chain of Custody Filled Out:	☐Yes	☑No	☐N/A	2. Lab added trip blank to COC. 7-29-17KR
Chain of Custody Relinquished:	☑Yes	☐No	☐N/A	3.
Sampler Name & Signature on COC:	☑Yes	☐No	☐N/A	4.
Samples Arrived within Hold Time:	☑Yes	☐No	☐N/A	5.
- VOA Samples frozen upon receipt	☐Yes	☐No		Date/Time:
Short Hold Time Analysis (<72hr):	☐Yes	☑No	☐N/A	6.
Rush Turn Around Time Requested:	☐Yes	☑No	☐N/A	7.
Sufficient Volume:	☐Yes	☑No	☐N/A	8. No MS/MSD volume 7-29-17KR
Correct Containers Used:	☑Yes	☐No	☐N/A	9.
-Pace Containers Used:	☑Yes	☐No	☐N/A	
-Pace IR Containers Used:	☐Yes	☐No	☑N/A	
Containers Intact:	☑Yes	☐No	☐N/A	10.
Filtered volume received for Dissolved tests	☐Yes	☐No	☑N/A	11.
Sample Labels match COC:	☑Yes	☐No	☐N/A	12.
-Includes date/time/ID/Analysis Matrix: W & S				
All containers needing preservation have been checked. (Non-Compliance noted in 13.)	☑Yes	☐No	☐N/A	13. ☑ HNO3 ☐ H2SO4 ☐ NaOH ☐ NaOH +ZnAct
All containers needing preservation are found to be in compliance with EPA recommendation. (HNO3, H2SO4 ≤2; NaOH+ZnAct ≥9, NaOH ≥12)	☑Yes	☐No	☐N/A	
exceptions: (VOA) coliform, TOC, TOX, TOH, O&G, WIDROW, Phenolics, OTHER:	☑Yes	☐No		Initial when completed KR / Lab Std #ID of preservative / Date/Time:
Headspace in VOA Vials (>6mm):	☐Yes	☑No	☐N/A	14.
Trip Blank Present:	☑Yes	☐No	☐N/A	15.
Trip Blank Custody Seals Present	☑Yes	☐No	☐N/A	
Pace Trip Blank Lot # (if purchased): 383				

Client Notification/ Resolution: If checked, see attached form for additional comments ☐

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: AL for DM **Date:** 7-29-17

F-GB-C-031-Rev.04 (12Dec2016) SCUR.xls
Pace Analytical Services LLC. - Green Bay WI

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

August 15, 2017

Andrew DeWitt
ERM, Inc.
3352 128th Avenue
Holland, MI 49424

RE: Project: 0403363 KRAFT
Pace Project No.: 40154221

Dear Andrew DeWitt:
Enclosed are the analytical results for sample(s) received by the laboratory on August 01, 2017. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Dan Milewsky
dan.milewsky@pacelabs.com
(920)469-2436
Project Manager

Enclosures

cc: Carl Stay, ERM, Inc.
David deCourcy-Bower, ERM, Inc.

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CERTIFICATIONS

Project: 0403363 KRAFT
Pace Project No.: 40154221

Green Bay Certification IDs

1241 Bellevue Street, Green Bay, WI 54302
Florida/NELAP Certification #: E87948
Illinois Certification #: 200050
Kentucky UST Certification #: 82
Louisiana Certification #: 04168
Minnesota Certification #: 055-999-334
New York Certification #: 12064
North Dakota Certification #: R-150
Virginia VELAP ID: 460263
South Carolina Certification #: 83006001
Texas Certification #: T104704529-14-1
Wisconsin Certification #: 405132750
Wisconsin DATCP Certification #: 105-444
USDA Soil Permit #: P330-16-00157
Federal Fish & Wildlife Permit #: LE51774A-0

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SAMPLE SUMMARY

Project: 0403363 KRAFT
Pace Project No.: 40154221

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40154221001	**SB-14-S**	Water	07/28/17 14:10	08/01/17 09:55
40154221002	**SB-15-S**	Water	07/28/17 14:45	08/01/17 09:55
40154221003	**SB-13-S**	Water	07/28/17 15:20	08/01/17 09:55
40154221004	**SB-18-S**	Water	07/28/17 16:20	08/01/17 09:55
40154221005	**SB-10-S**	Water	07/28/17 17:10	08/01/17 09:55
40154221006	**SB-11-S**	Water	07/31/17 09:15	08/01/17 09:55
40154221007	**SB-19-S**	Water	07/31/17 10:00	08/01/17 09:55
40154221008	**SB-23-S**	Water	07/31/17 10:40	08/01/17 09:55
40154221009	**SB-22-S**	Water	07/31/17 12:05	08/01/17 09:55
40154221010	**SB-14 3-4**	Solid	07/28/17 14:05	08/01/17 09:55
40154221011	**SB-15 5-7**	Solid	07/28/17 14:25	08/01/17 09:55
40154221012	**SB-13 1.5-2**	Solid	07/28/17 14:50	08/01/17 09:55
40154221013	**SB-18 4-5**	Solid	07/28/17 16:20	08/01/17 09:55
40154221014	**SB-19 1.5-2**	Solid	07/31/17 09:30	08/01/17 09:55
40154221015	**SB-11 4-5**	Solid	07/31/17 08:55	08/01/17 09:55
40154221016	**SB-23 2-2.5**	Solid	07/31/17 11:00	08/01/17 09:55
40154221017	**SB-22 4-5**	Solid	07/31/17 11:45	08/01/17 09:55
40154221018	**SB-3 8-10**	Solid	07/31/17 11:50	08/01/17 09:55
40154221019	**SB-1 1-1.5**	Solid	07/31/17 12:50	08/01/17 09:55
40154221020	**SB-20 3-4**	Solid	07/31/17 12:15	08/01/17 09:55
40154221021	**TRIP BLANK**	Water	07/31/17 00:00	08/01/17 09:55

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SAMPLE ANALYTE COUNT

Project: 0403363 KRAFT
Pace Project No.: 40154221

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40154221001	**SB-14-S**	EPA 6010	DLB	7	PASI-G
		EPA 7470	AJT	1	PASI-G
		EPA 8270	RJN	70	PASI-G
		EPA 8260	LAP	64	PASI-G
40154221002	**SB-15-S**	EPA 6010	DLB	7	PASI-G
		EPA 7470	AJT	1	PASI-G
		EPA 8270	RJN	70	PASI-G
		EPA 8260	LAP	64	PASI-G
40154221003	**SB-13-S**	EPA 6010	DLB	1	PASI-G
		EPA 8270 by HVI	TPO	20	PASI-G
		EPA 8260	LAP	64	PASI-G
40154221004	**SB-18-S**	EPA 6010	DLB	1	PASI-G
		EPA 8270 by HVI	TPO	20	PASI-G
		EPA 8260	LAP	64	PASI-G
40154221005	**SB-10-S**	EPA 6010	DLB	1	PASI-G
		EPA 8270 by HVI	TPO	20	PASI-G
		EPA 8260	LAP	64	PASI-G
40154221006	**SB-11-S**	EPA 6010	DLB	1	PASI-G
		EPA 8270 by HVI	TPO	20	PASI-G
		EPA 8260	MDS	64	PASI-G
40154221007	**SB-19-S**	EPA 6010	DLB	7	PASI-G
		EPA 7470	AJT	1	PASI-G
		EPA 8270	RJN	70	PASI-G
		EPA 8260	MDS	64	PASI-G
40154221008	**SB-23-S**	EPA 6010	DLB	7	PASI-G
		EPA 7470	AJT	1	PASI-G
		EPA 8270	RJN	70	PASI-G
		EPA 8260	MDS	64	PASI-G
40154221009	**SB-22-S**	EPA 6010	DLB	1	PASI-G
		EPA 8270 by HVI	TPO	20	PASI-G
		EPA 8260	MDS	64	PASI-G
40154221010	**SB-14 3-4**	EPA 8082	BDS	10	PASI-G
		EPA 6010	DLB	7	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270	RJN	70	PASI-G
		EPA 8260	LAP	64	PASI-G
		ASTM D2974-87	SKW	1	PASI-G

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SAMPLE ANALYTE COUNT

Project: 0403363 KRAFT
Pace Project No.: 40154221

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40154221011	**SB-15 5-7**	EPA 8082	BDS	10	PASI-G
		EPA 6010	DLB	7	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270	RJN	70	PASI-G
		EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	SKW	1	PASI-G
40154221012	**SB-13 1.5-2**	EPA 6010	DLB	1	PASI-G
		EPA 8270 by SIM	ARO	20	PASI-G
		EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	SKW	1	PASI-G
40154221013	**SB-18 4-5**	EPA 6010	DLB	1	PASI-G
		EPA 8270 by SIM	ARO	20	PASI-G
		EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	SKW	1	PASI-G
40154221014	**SB-19 1.5-2**	EPA 8082	BDS	10	PASI-G
		EPA 6010	DLB	7	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270	RJN	70	PASI-G
		EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	KTS	1	PASI-G
40154221015	**SB-11 4-5**	EPA 6010	DLB	1	PASI-G
		EPA 8270 by SIM	ARO	20	PASI-G
		EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	AH	1	PASI-G
40154221016	**SB-23 2-2.5**	EPA 8082	BDS	10	PASI-G
		EPA 6010	DLB	7	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270	RJN	70	PASI-G
		EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	AH	1	PASI-G
40154221017	**SB-22 4-5**	EPA 6010	DLB	1	PASI-G
		EPA 8270 by SIM	ARO	20	PASI-G
		EPA 8260	LAP	64	PASI-G
		ASTM D2974-87	AH	1	PASI-G
40154221018	**SB-3 8-10**	EPA 6010	DLB	1	PASI-G
		EPA 8270 by SIM	ARO	20	PASI-G
		EPA 8260	SMT	64	PASI-G

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SAMPLE ANALYTE COUNT

Project: 0403363 KRAFT
Pace Project No.: 40154221

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		ASTM D2974-87	AH	1	PASI-G
40154221019	**SB-1 1-1.5**	EPA 6010	DLB	1	PASI-G
		EPA 8270 by SIM	ARO	20	PASI-G
		EPA 8260	LAP	64	PASI-G
		ASTM D2974-87	AH	1	PASI-G
40154221020	**SB-20 3-4**	EPA 8082	BDS	10	PASI-G
		EPA 6010	DLB	7	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270	RJN	70	PASI-G
		EPA 8260	LAP	64	PASI-G
		ASTM D2974-87	AH	1	PASI-G
40154221021	**TRIP BLANK**	EPA 8260	MDS	64	PASI-G

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SUMMARY OF DETECTION

Project: 0403363 KRAFT
Pace Project No.: 40154221

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40154221001	**SB-14-S**					
EPA 6010	Arsenic	29.6	ug/L	25.0	08/04/17 11:13	
EPA 6010	Barium	213	ug/L	5.0	08/04/17 11:13	
EPA 6010	Chromium	19.5	ug/L	10.0	08/04/17 11:13	
EPA 6010	Lead	26.9	ug/L	13.0	08/04/17 11:13	
EPA 8270	Acenaphthene	50.2	ug/L	17.0	08/04/17 11:29	
EPA 8270	Anthracene	38.5	ug/L	22.9	08/04/17 11:29	
EPA 8270	Benzo(a)anthracene	36.5	ug/L	6.8	08/04/17 11:29	
EPA 8270	Benzo(a)pyrene	31.1	ug/L	23.9	08/04/17 11:29	
EPA 8270	Benzo(b)fluoranthene	40.4	ug/L	8.3	08/04/17 11:29	
EPA 8270	Benzo(g,h,i)perylene	19.1	ug/L	10.3	08/04/17 11:29	
EPA 8270	Benzo(k)fluoranthene	17.4	ug/L	12.7	08/04/17 11:29	
EPA 8270	Carbazole	120	ug/L	9.5	08/04/17 11:29	
EPA 8270	Chrysene	41.4	ug/L	22.1	08/04/17 11:29	
EPA 8270	Dibenzofuran	30.9	ug/L	9.8	08/04/17 11:29	
EPA 8270	Fluoranthene	108	ug/L	7.2	08/04/17 11:29	
EPA 8270	Fluorene	48.4	ug/L	9.5	08/04/17 11:29	
EPA 8270	Indeno(1,2,3-cd)pyrene	22.8	ug/L	19.0	08/04/17 11:29	
EPA 8270	Naphthalene	51.0	ug/L	24.1	08/04/17 11:29	
EPA 8270	Phenanthrene	125	ug/L	23.1	08/04/17 11:29	
EPA 8270	Pyrene	78.6	ug/L	17.1	08/04/17 11:29	
EPA 8260	Benzene	0.56J	ug/L	1.0	08/03/17 18:52	
EPA 8260	Chloroethane	1.4	ug/L	1.0	08/03/17 18:52	
EPA 8260	1,2-Dichloroethane	5.4	ug/L	1.0	08/03/17 18:52	
EPA 8260	trans-1,2-Dichloroethene	0.40J	ug/L	1.0	08/03/17 18:52	
EPA 8260	Diisopropyl ether	7.7	ug/L	1.0	08/03/17 18:52	
EPA 8260	Naphthalene	48.6	ug/L	5.0	08/03/17 18:52	
EPA 8260	Toluene	0.73J	ug/L	1.0	08/03/17 18:52	
EPA 8260	Vinyl chloride	0.94J	ug/L	1.0	08/03/17 18:52	
40154221002	**SB-15-S**					
EPA 6010	Arsenic	8.4J	ug/L	25.0	08/04/17 11:20	
EPA 6010	Barium	124	ug/L	5.0	08/04/17 11:20	
EPA 6010	Chromium	7.3J	ug/L	10.0	08/04/17 11:20	
EPA 6010	Lead	11.5J	ug/L	13.0	08/04/17 11:20	
EPA 8260	1,2-Dichloroethane	1630	ug/L	20.0	08/03/17 14:32	M1
EPA 8260	1,1,2-Trichloroethane	12.8J	ug/L	20.0	08/03/17 14:32	
EPA 8260	Vinyl chloride	17.7J	ug/L	20.0	08/03/17 14:32	
40154221003	**SB-13-S**					
EPA 6010	Lead	67.6	ug/L	13.0	08/04/17 11:22	
EPA 8270 by HVI	Acenaphthene	0.018J	ug/L	0.029	08/03/17 20:09	
EPA 8270 by HVI	Benzo(a)anthracene	0.12	ug/L	0.037	08/03/17 20:09	
EPA 8270 by HVI	Benzo(a)pyrene	0.17	ug/L	0.051	08/03/17 20:09	
EPA 8270 by HVI	Benzo(b)fluoranthene	0.23	ug/L	0.028	08/03/17 20:09	
EPA 8270 by HVI	Benzo(g,h,i)perylene	0.13	ug/L	0.033	08/03/17 20:09	
EPA 8270 by HVI	Benzo(k)fluoranthene	0.13	ug/L	0.037	08/03/17 20:09	
EPA 8270 by HVI	Chrysene	0.26	ug/L	0.063	08/03/17 20:09	
EPA 8270 by HVI	Dibenz(a,h)anthracene	0.024J	ug/L	0.049	08/03/17 20:09	

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SUMMARY OF DETECTION

Project: 0403363 KRAFT
Pace Project No.: 40154221

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40154221003	**SB-13-S**					
EPA 8270 by HVI	Fluoranthene	0.36	ug/L	0.052	08/03/17 20:09	
EPA 8270 by HVI	Indeno(1,2,3-cd)pyrene	0.096	ug/L	0.086	08/03/17 20:09	
EPA 8270 by HVI	Phenanthrene	0.19	ug/L	0.067	08/03/17 20:09	
EPA 8270 by HVI	Pyrene	0.33	ug/L	0.037	08/03/17 20:09	
EPA 8260	1,2-Dichloroethane	6.1	ug/L	1.0	08/03/17 19:14	
40154221004	**SB-18-S**					
EPA 6010	Lead	2670	ug/L	65.0	08/04/17 11:55	
EPA 8270 by HVI	Acenaphthene	0.043	ug/L	0.030	08/03/17 20:25	
EPA 8270 by HVI	Acenaphthylene	0.017J	ug/L	0.024	08/03/17 20:25	
EPA 8270 by HVI	Anthracene	0.018J	ug/L	0.051	08/03/17 20:25	
EPA 8270 by HVI	Benzo(a)anthracene	0.16	ug/L	0.037	08/03/17 20:25	
EPA 8270 by HVI	Benzo(a)pyrene	0.20	ug/L	0.052	08/03/17 20:25	
EPA 8270 by HVI	Benzo(b)fluoranthene	0.26	ug/L	0.028	08/03/17 20:25	
EPA 8270 by HVI	Benzo(g,h,i)perylene	0.14	ug/L	0.033	08/03/17 20:25	
EPA 8270 by HVI	Benzo(k)fluoranthene	0.14	ug/L	0.037	08/03/17 20:25	
EPA 8270 by HVI	Chrysene	0.26	ug/L	0.064	08/03/17 20:25	
EPA 8270 by HVI	Dibenz(a,h)anthracene	0.027J	ug/L	0.049	08/03/17 20:25	
EPA 8270 by HVI	Fluoranthene	0.41	ug/L	0.052	08/03/17 20:25	
EPA 8270 by HVI	Fluorene	0.039J	ug/L	0.039	08/03/17 20:25	
EPA 8270 by HVI	Indeno(1,2,3-cd)pyrene	0.10	ug/L	0.086	08/03/17 20:25	
EPA 8270 by HVI	1-Methylnaphthalene	0.012J	ug/L	0.029	08/03/17 20:25	
EPA 8270 by HVI	Naphthalene	0.025J	ug/L	0.090	08/03/17 20:25	
EPA 8270 by HVI	Phenanthrene	0.23	ug/L	0.068	08/03/17 20:25	
EPA 8270 by HVI	Pyrene	0.39	ug/L	0.038	08/03/17 20:25	
EPA 8260	1,2-Dichloroethane	1.4	ug/L	1.0	08/03/17 18:29	
40154221005	**SB-10-S**					
EPA 6010	Lead	70.7	ug/L	13.0	08/04/17 11:28	
EPA 8270 by HVI	Fluoranthene	0.024J	ug/L	0.049	08/04/17 10:39	
EPA 8270 by HVI	Phenanthrene	0.028J	ug/L	0.063	08/04/17 10:39	
EPA 8270 by HVI	Pyrene	0.060	ug/L	0.035	08/04/17 10:39	
40154221006	**SB-11-S**					
EPA 6010	Lead	54.9	ug/L	13.0	08/04/17 11:35	
EPA 8270 by HVI	Fluorene	0.41J	ug/L	1.1	08/04/17 18:37	
EPA 8270 by HVI	1-Methylnaphthalene	32.3	ug/L	0.84	08/04/17 18:37	
EPA 8270 by HVI	2-Methylnaphthalene	75.4	ug/L	0.70	08/04/17 18:37	
EPA 8270 by HVI	Naphthalene	290	ug/L	2.6	08/04/17 18:37	
EPA 8270 by HVI	Phenanthrene	0.49J	ug/L	2.0	08/04/17 18:37	
EPA 8270 by HVI	Pyrene	0.41J	ug/L	1.1	08/04/17 18:37	B
EPA 8260	Benzene	1770	ug/L	250	08/03/17 18:20	
EPA 8260	Ethylbenzene	2700	ug/L	250	08/03/17 18:20	
EPA 8260	Isopropylbenzene (Cumene)	75.8J	ug/L	250	08/03/17 18:20	
EPA 8260	n-Propylbenzene	229J	ug/L	250	08/03/17 18:20	
EPA 8260	Toluene	12900	ug/L	250	08/03/17 18:20	
EPA 8260	1,2,4-Trimethylbenzene	1620	ug/L	250	08/03/17 18:20	
EPA 8260	1,3,5-Trimethylbenzene	485	ug/L	250	08/03/17 18:20	
EPA 8260	m&p-Xylene	9460	ug/L	500	08/03/17 18:20	

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SUMMARY OF DETECTION

Project: 0403363 KRAFT
Pace Project No.: 40154221

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40154221006	**SB-11-S**					
EPA 8260	o-Xylene	4610	ug/L	250	08/03/17 18:20	
40154221007	**SB-19-S**					
EPA 6010	Arsenic	13.5J	ug/L	25.0	08/04/17 11:37	
EPA 6010	Barium	432	ug/L	5.0	08/04/17 11:37	
EPA 6010	Chromium	35.5	ug/L	10.0	08/04/17 11:37	
EPA 6010	Lead	226	ug/L	13.0	08/04/17 11:37	
EPA 8270	Benzo(a)anthracene	2.9	ug/L	1.7	08/04/17 11:08	
EPA 8270	Benzo(a)pyrene	2.2J	ug/L	6.0	08/04/17 11:08	
EPA 8270	Benzo(b)fluoranthene	2.7	ug/L	2.1	08/04/17 11:08	
EPA 8270	Benzo(g,h,i)perylene	1.4J	ug/L	2.6	08/04/17 11:08	
EPA 8270	Benzo(k)fluoranthene	1.3J	ug/L	3.2	08/04/17 11:08	
EPA 8270	Chrysene	2.8J	ug/L	5.5	08/04/17 11:08	
EPA 8270	Fluoranthene	9.6	ug/L	1.8	08/04/17 11:08	
EPA 8270	Phenanthrene	2.0J	ug/L	5.8	08/04/17 11:08	
EPA 8270	Pyrene	7.8	ug/L	4.3	08/04/17 11:08	
40154221008	**SB-23-S**					
EPA 6010	Arsenic	85.0	ug/L	25.0	08/04/17 11:40	
EPA 6010	Barium	1070	ug/L	5.0	08/04/17 11:40	
EPA 6010	Chromium	79.1	ug/L	10.0	08/04/17 11:40	
EPA 6010	Lead	41.1	ug/L	13.0	08/04/17 11:40	
EPA 8260	cis-1,2-Dichloroethene	1.6	ug/L	1.0	08/03/17 15:01	
EPA 8260	trans-1,2-Dichloroethene	0.34J	ug/L	1.0	08/03/17 15:01	
EPA 8260	Vinyl chloride	0.91J	ug/L	1.0	08/03/17 15:01	
40154221009	**SB-22-S**					
EPA 6010	Lead	157	ug/L	13.0	08/04/17 11:42	
EPA 8270 by HVI	Benzo(b)fluoranthene	0.010J	ug/L	0.026	08/04/17 20:31	
EPA 8270 by HVI	Chrysene	0.013J	ug/L	0.059	08/04/17 20:31	
EPA 8270 by HVI	Fluoranthene	0.020J	ug/L	0.048	08/04/17 20:31	
EPA 8270 by HVI	Pyrene	0.025J	ug/L	0.034	08/04/17 20:31	B
EPA 8260	1,1-Dichloroethane	0.43J	ug/L	1.0	08/03/17 16:07	
EPA 8260	cis-1,2-Dichloroethene	1.0	ug/L	1.0	08/03/17 16:07	
40154221010	**SB-14 3-4**					
EPA 6010	Arsenic	13.5	mg/kg	7.4	08/04/17 08:40	
EPA 6010	Barium	46.7	mg/kg	0.74	08/04/17 08:40	
EPA 6010	Cadmium	0.68J	mg/kg	0.74	08/04/17 08:40	
EPA 6010	Chromium	47.1	mg/kg	1.5	08/04/17 08:40	
EPA 6010	Lead	25.9	mg/kg	1.9	08/04/17 08:40	
EPA 7471	Mercury	0.029J	mg/kg	0.052	08/15/17 11:27	
EPA 8270	Acenaphthene	247J	ug/kg	302	08/04/17 16:27	
EPA 8270	Anthracene	855	ug/kg	136	08/04/17 16:27	
EPA 8270	Benzo(a)anthracene	2360	ug/kg	132	08/04/17 16:27	
EPA 8270	Benzo(a)pyrene	2240	ug/kg	128	08/04/17 16:27	
EPA 8270	Benzo(b)fluoranthene	2810	ug/kg	146	08/04/17 16:27	
EPA 8270	Benzo(g,h,i)perylene	1400	ug/kg	223	08/04/17 16:27	
EPA 8270	Benzo(k)fluoranthene	1060	ug/kg	204	08/04/17 16:27	

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SUMMARY OF DETECTION

Project: 0403363 KRAFT
Pace Project No.: 40154221

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40154221010	**SB-14 3-4**					
EPA 8270	Carbazole	232	ug/kg	133	08/04/17 16:27	
EPA 8270	Chrysene	2380	ug/kg	127	08/04/17 16:27	
EPA 8270	Dibenz(a,h)anthracene	316	ug/kg	231	08/04/17 16:27	
EPA 8270	Dibenzofuran	110	ug/kg	103	08/04/17 16:27	
EPA 8270	Fluoranthene	5350	ug/kg	120	08/04/17 16:27	
EPA 8270	Fluorene	317	ug/kg	99.4	08/04/17 16:27	
EPA 8270	Indeno(1,2,3-cd)pyrene	1710	ug/kg	184	08/04/17 16:27	
EPA 8270	Phenanthrene	2530	ug/kg	109	08/04/17 16:27	
EPA 8270	Pyrene	3690	ug/kg	189	08/04/17 16:27	
EPA 8260	1,2-Dichloroethane	18200	ug/kg	183	08/07/17 12:20	
EPA 8260	Diisopropyl ether	177J	ug/kg	183	08/07/17 12:20	
EPA 8260	Methylene Chloride	86.1J	ug/kg	183	08/07/17 12:20	
EPA 8260	Naphthalene	396J	ug/kg	763	08/07/17 12:20	
EPA 8260	Vinyl chloride	405	ug/kg	183	08/07/17 12:20	
ASTM D2974-87	Percent Moisture	34.5	%	0.10	08/07/17 17:46	
40154221011	**SB-15 5-7**					
EPA 6010	Arsenic	3.6J	mg/kg	12.2	08/04/17 10:37	
EPA 6010	Barium	73.2	mg/kg	1.2	08/04/17 10:37	
EPA 6010	Chromium	9.7	mg/kg	2.4	08/04/17 10:37	
EPA 6010	Lead	10	mg/kg	3.2	08/04/17 10:37	
EPA 8270	Fluoranthene	81.0J	ug/kg	195	08/03/17 15:19	
EPA 8270	Phenanthrene	69.7J	ug/kg	177	08/03/17 15:19	
EPA 8260	1,2-Dichloroethane	382000	ug/kg	7450	08/04/17 10:14	
ASTM D2974-87	Percent Moisture	59.8	%	0.10	08/07/17 17:46	
40154221012	**SB-13 1.5-2**					
EPA 6010	Lead	16.0	mg/kg	1.7	08/04/17 10:40	
EPA 8270 by SIM	Acenaphthene	18.9J	ug/kg	19.3	08/14/17 11:16	
EPA 8270 by SIM	Anthracene	44.3	ug/kg	28.4	08/14/17 11:16	
EPA 8270 by SIM	Benzo(a)anthracene	115	ug/kg	15.8	08/14/17 11:16	
EPA 8270 by SIM	Benzo(a)pyrene	107	ug/kg	12.5	08/14/17 11:16	
EPA 8270 by SIM	Benzo(b)fluoranthene	103	ug/kg	14.0	08/14/17 11:16	
EPA 8270 by SIM	Benzo(g,h,i)perylene	72.1	ug/kg	10.1	08/14/17 11:16	
EPA 8270 by SIM	Benzo(k)fluoranthene	106	ug/kg	12.5	08/14/17 11:16	
EPA 8270 by SIM	Chrysene	128	ug/kg	16.7	08/14/17 11:16	
EPA 8270 by SIM	Dibenz(a,h)anthracene	26.4	ug/kg	11.1	08/14/17 11:16	
EPA 8270 by SIM	Fluoranthene	298	ug/kg	26.0	08/14/17 11:16	
EPA 8270 by SIM	Fluorene	15.3J	ug/kg	20.6	08/14/17 11:16	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	64.7	ug/kg	10.9	08/14/17 11:16	
EPA 8270 by SIM	Phenanthrene	176	ug/kg	57.9	08/14/17 11:16	
EPA 8270 by SIM	Pyrene	218	ug/kg	22.4	08/14/17 11:16	
EPA 8260	1,2-Dichloroethane	40.5J	ug/kg	89.6	08/04/17 09:51	
ASTM D2974-87	Percent Moisture	33.1	%	0.10	08/07/17 17:46	
40154221013	**SB-18 4-5**					
EPA 6010	Lead	608	mg/kg	1.6	08/04/17 10:42	
EPA 8270 by SIM	Acenaphthene	15.1J	ug/kg	16.9	08/09/17 01:46	
EPA 8270 by SIM	Acenaphthylene	7.2J	ug/kg	14.4	08/09/17 01:46	

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SUMMARY OF DETECTION

Project: 0403363 KRAFT
Pace Project No.: 40154221

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40154221013	**SB-18 4-5**					
EPA 8270 by SIM	Anthracene	57.9	ug/kg	24.9	08/09/17 01:46	
EPA 8270 by SIM	Benzo(a)anthracene	147	ug/kg	13.9	08/09/17 01:46	
EPA 8270 by SIM	Benzo(a)pyrene	149	ug/kg	11.0	08/09/17 01:46	
EPA 8270 by SIM	Benzo(b)fluoranthene	108	ug/kg	12.3	08/09/17 01:46	
EPA 8270 by SIM	Benzo(g,h,i)perylene	104	ug/kg	8.9	08/09/17 01:46	
EPA 8270 by SIM	Benzo(k)fluoranthene	152	ug/kg	11.0	08/09/17 01:46	
EPA 8270 by SIM	Chrysene	180	ug/kg	14.7	08/09/17 01:46	
EPA 8270 by SIM	Dibenz(a,h)anthracene	38.9	ug/kg	9.8	08/09/17 01:46	
EPA 8270 by SIM	Fluoranthene	308	ug/kg	22.8	08/09/17 01:46	
EPA 8270 by SIM	Fluorene	20.0	ug/kg	18.1	08/09/17 01:46	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	92.4	ug/kg	9.6	08/09/17 01:46	
EPA 8270 by SIM	Phenanthrene	190	ug/kg	50.9	08/09/17 01:46	
EPA 8270 by SIM	Pyrene	275	ug/kg	19.7	08/09/17 01:46	
ASTM D2974-87	Percent Moisture	23.8	%	0.10	08/07/17 17:46	
40154221014	**SB-19 1.5-2**					
EPA 6010	Arsenic	3.8J	mg/kg	5.8	08/04/17 10:45	
EPA 6010	Barium	72.2	mg/kg	0.58	08/04/17 10:45	
EPA 6010	Cadmium	1.8	mg/kg	0.58	08/04/17 10:45	
EPA 6010	Chromium	20.8	mg/kg	1.2	08/04/17 10:45	
EPA 6010	Lead	47.9	mg/kg	1.5	08/04/17 10:45	
EPA 7471	Mercury	0.063	mg/kg	0.041	08/15/17 11:32	
EPA 8270	2-Methylnaphthalene	74.4J	ug/kg	170	08/04/17 12:33	
EPA 8270	Benzo(a)anthracene	55.4J	ug/kg	102	08/04/17 12:33	
EPA 8270	Benzo(a)pyrene	65.0J	ug/kg	98.7	08/04/17 12:33	
EPA 8270	Benzo(b)fluoranthene	97.6J	ug/kg	113	08/04/17 12:33	
EPA 8270	Benzo(g,h,i)perylene	74.8J	ug/kg	172	08/04/17 12:33	
EPA 8270	Chrysene	84.6J	ug/kg	98.1	08/04/17 12:33	
EPA 8270	Dibenzofuran	25.6J	ug/kg	79.4	08/04/17 12:33	
EPA 8270	Fluoranthene	134	ug/kg	92.9	08/04/17 12:33	
EPA 8270	Indeno(1,2,3-cd)pyrene	72.8J	ug/kg	142	08/04/17 12:33	
EPA 8270	Phenanthrene	149	ug/kg	84.2	08/04/17 12:33	
EPA 8270	Pyrene	111J	ug/kg	145	08/04/17 12:33	
EPA 8260	1,2,4-Trimethylbenzene	33.9J	ug/kg	70.7	08/03/17 23:06	
ASTM D2974-87	Percent Moisture	15.1	%	0.10	08/08/17 09:56	
40154221015	**SB-11 4-5**					
EPA 6010	Lead	24.0	mg/kg	1.9	08/04/17 10:47	
EPA 8270 by SIM	1-Methylnaphthalene	240	ug/kg	42.3	08/09/17 16:12	
EPA 8270 by SIM	2-Methylnaphthalene	567	ug/kg	52.8	08/09/17 16:12	
EPA 8270 by SIM	Naphthalene	1350	ug/kg	88.8	08/09/17 16:12	
EPA 8260	Benzene	2180	ug/kg	946	08/03/17 14:24	
EPA 8260	sec-Butylbenzene	1480	ug/kg	946	08/03/17 14:24	
EPA 8260	Ethylbenzene	54600	ug/kg	946	08/03/17 14:24	
EPA 8260	Isopropylbenzene (Cumene)	4690	ug/kg	946	08/03/17 14:24	
EPA 8260	p-Isopropyltoluene	984	ug/kg	946	08/03/17 14:24	
EPA 8260	Methylene Chloride	459J	ug/kg	946	08/03/17 14:24	
EPA 8260	Naphthalene	10300	ug/kg	3940	08/03/17 14:24	

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SUMMARY OF DETECTION

Project: 0403363 KRAFT
Pace Project No.: 40154221

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40154221015	**SB-11 4-5**					
EPA 8260	n-Propylbenzene	17900	ug/kg	946	08/03/17 14:24	
EPA 8260	Toluene	64700	ug/kg	946	08/03/17 14:24	
EPA 8260	1,2,4-Trimethylbenzene	98700	ug/kg	946	08/03/17 14:24	
EPA 8260	1,3,5-Trimethylbenzene	28300	ug/kg	946	08/03/17 14:24	
EPA 8260	m&p-Xylene	204000	ug/kg	1890	08/03/17 14:24	
EPA 8260	o-Xylene	76700	ug/kg	946	08/03/17 14:24	
ASTM D2974-87	Percent Moisture	36.6	%	0.10	08/02/17 12:30	
40154221016	**SB-23 2-2.5**					
EPA 6010	Arsenic	3.1J	mg/kg	5.1	08/04/17 10:49	
EPA 6010	Barium	25.1	mg/kg	0.51	08/04/17 10:49	
EPA 6010	Cadmium	0.84	mg/kg	0.51	08/04/17 10:49	
EPA 6010	Chromium	10.5	mg/kg	1.0	08/04/17 10:49	
EPA 6010	Lead	14.9	mg/kg	1.3	08/04/17 10:49	
EPA 7471	Mercury	0.033J	mg/kg	0.038	08/15/17 11:34	
EPA 8270	Anthracene	29.3J	ug/kg	96.3	08/04/17 15:45	
EPA 8270	Benzo(a)anthracene	102	ug/kg	93.3	08/04/17 15:45	
EPA 8270	Benzo(a)pyrene	112	ug/kg	90.7	08/04/17 15:45	
EPA 8270	Benzo(b)fluoranthene	137	ug/kg	104	08/04/17 15:45	
EPA 8270	Benzo(g,h,i)perylene	92.9J	ug/kg	158	08/04/17 15:45	
EPA 8270	Benzo(k)fluoranthene	49.5J	ug/kg	144	08/04/17 15:45	
EPA 8270	Chrysene	113	ug/kg	90.1	08/04/17 15:45	
EPA 8270	Fluoranthene	220	ug/kg	85.3	08/04/17 15:45	
EPA 8270	Indeno(1,2,3-cd)pyrene	83.3J	ug/kg	130	08/04/17 15:45	
EPA 8270	Phenanthrene	106	ug/kg	77.3	08/04/17 15:45	
EPA 8270	Pyrene	180	ug/kg	134	08/04/17 15:45	
ASTM D2974-87	Percent Moisture	7.8	%	0.10	08/02/17 12:30	
40154221017	**SB-22 4-5**					
EPA 6010	Lead	7.0	mg/kg	1.4	08/04/17 10:52	
EPA 8270 by SIM	Benzo(a)anthracene	10.1J	ug/kg	12.3	08/10/17 16:26	
EPA 8270 by SIM	Benzo(a)pyrene	8.4J	ug/kg	9.7	08/10/17 16:26	
EPA 8270 by SIM	Benzo(b)fluoranthene	10.8J	ug/kg	10.9	08/10/17 16:26	
EPA 8270 by SIM	Benzo(g,h,i)perylene	6.0J	ug/kg	7.8	08/10/17 16:26	
EPA 8270 by SIM	Benzo(k)fluoranthene	4.4J	ug/kg	9.7	08/10/17 16:26	
EPA 8270 by SIM	Chrysene	9.0J	ug/kg	13.0	08/10/17 16:26	
EPA 8270 by SIM	Fluoranthene	16.4J	ug/kg	20.2	08/10/17 16:26	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	5.0J	ug/kg	8.5	08/10/17 16:26	
EPA 8270 by SIM	Pyrene	12.7J	ug/kg	17.4	08/10/17 16:26	
ASTM D2974-87	Percent Moisture	13.6	%	0.10	08/02/17 12:31	
40154221018	**SB-3 8-10**					
EPA 6010	Lead	12.1	mg/kg	1.3	08/04/17 10:54	
EPA 8270 by SIM	Fluorene	188J	ug/kg	310	08/11/17 14:55	M6
EPA 8270 by SIM	1-Methylnaphthalene	2550	ug/kg	301	08/11/17 14:55	M6
EPA 8270 by SIM	2-Methylnaphthalene	7630	ug/kg	375	08/11/17 14:55	M6
EPA 8270 by SIM	Naphthalene	6770	ug/kg	631	08/11/17 14:55	M6
EPA 8260	n-Butylbenzene	4160	ug/kg	337	08/05/17 00:20	
EPA 8260	sec-Butylbenzene	713	ug/kg	337	08/05/17 00:20	

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SUMMARY OF DETECTION

Project: 0403363 KRAFT
Pace Project No.: 40154221

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40154221018	**SB-3 8-10**					
EPA 8260	Ethylbenzene	2170	ug/kg	337	08/05/17 00:20	
EPA 8260	Isopropylbenzene (Cumene)	933	ug/kg	337	08/05/17 00:20	
EPA 8260	p-Isopropyltoluene	798	ug/kg	337	08/05/17 00:20	
EPA 8260	Naphthalene	5870	ug/kg	1410	08/05/17 00:20	
EPA 8260	n-Propylbenzene	3530	ug/kg	337	08/05/17 00:20	
EPA 8260	1,2,4-Trimethylbenzene	14600	ug/kg	337	08/05/17 00:20	
EPA 8260	1,3,5-Trimethylbenzene	5450	ug/kg	337	08/05/17 00:20	
EPA 8260	m&p-Xylene	9500	ug/kg	675	08/05/17 00:20	
EPA 8260	o-Xylene	1430	ug/kg	337	08/05/17 00:20	
ASTM D2974-87	Percent Moisture	11.1	%	0.10	08/02/17 12:31	
40154221019	**SB-1 1-1.5**					
EPA 6010	Lead	9.2	mg/kg	1.3	08/04/17 10:57	
EPA 8270 by SIM	Benzo(a)anthracene	6.3J	ug/kg	11.6	08/10/17 16:43	
EPA 8270 by SIM	Benzo(a)pyrene	4.9J	ug/kg	9.2	08/10/17 16:43	
EPA 8270 by SIM	Benzo(b)fluoranthene	6.4J	ug/kg	10.3	08/10/17 16:43	
EPA 8270 by SIM	Benzo(g,h,i)perylene	3.8J	ug/kg	7.4	08/10/17 16:43	
EPA 8270 by SIM	Benzo(k)fluoranthene	3.3J	ug/kg	9.2	08/10/17 16:43	
EPA 8270 by SIM	Chrysene	5.2J	ug/kg	12.3	08/10/17 16:43	
EPA 8270 by SIM	Fluoranthene	8.1J	ug/kg	19.1	08/10/17 16:43	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	3.0J	ug/kg	8.0	08/10/17 16:43	
EPA 8270 by SIM	Pyrene	6.9J	ug/kg	16.5	08/10/17 16:43	
ASTM D2974-87	Percent Moisture	8.7	%	0.10	08/02/17 12:32	
40154221020	**SB-20 3-4**					
EPA 6010	Arsenic	6.8	mg/kg	5.1	08/04/17 10:59	
EPA 6010	Barium	35.9	mg/kg	0.51	08/04/17 10:59	
EPA 6010	Cadmium	0.15J	mg/kg	0.51	08/04/17 10:59	
EPA 6010	Chromium	12.3	mg/kg	1.0	08/04/17 10:59	
EPA 6010	Lead	6.6	mg/kg	1.3	08/04/17 10:59	
EPA 8270	Benzo(a)pyrene	74.9J	ug/kg	94.2	08/04/17 16:48	
EPA 8270	Benzo(b)fluoranthene	71.6J	ug/kg	108	08/04/17 16:48	
EPA 8270	Benzo(g,h,i)perylene	135J	ug/kg	164	08/04/17 16:48	
EPA 8270	Chrysene	28.6J	ug/kg	93.6	08/04/17 16:48	
EPA 8270	Indeno(1,2,3-cd)pyrene	109J	ug/kg	135	08/04/17 16:48	
EPA 8260	Tetrachloroethene	29.9J	ug/kg	68.8	08/07/17 08:15	
ASTM D2974-87	Percent Moisture	11.0	%	0.10	08/02/17 12:32	

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ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154221

Sample: SB-14-S **Lab ID: 40154221001** Collected: 07/28/17 14:10 Received: 08/01/17 09:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010	Preparation Method: EPA 3010							
Arsenic	**29.6**	ug/L	25.0	8.3	1	08/03/17 14:11	08/04/17 11:13	7440-38-2	
Barium	**213**	ug/L	5.0	1.5	1	08/03/17 14:11	08/04/17 11:13	7440-39-3	
Cadmium	**<1.3**	ug/L	5.0	1.3	1	08/03/17 14:11	08/04/17 11:13	7440-43-9	
Chromium	**19.5**	ug/L	10.0	2.5	1	08/03/17 14:11	08/04/17 11:13	7440-47-3	
Lead	**26.9**	ug/L	13.0	4.3	1	08/03/17 14:11	08/04/17 11:13	7439-92-1	
Selenium	**<16.6**	ug/L	50.0	16.6	1	08/03/17 14:11	08/04/17 11:13	7782-49-2	
Silver	**<3.3**	ug/L	10.0	3.3	1	08/03/17 14:11	08/04/17 11:13	7440-22-4	
7470 Mercury	Analytical Method: EPA 7470	Preparation Method: EPA 7470							
Mercury	**<0.13**	ug/L	0.42	0.13	1	08/07/17 12:30	08/08/17 08:35	7439-97-6	
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270	Preparation Method: EPA 3510							
1,2,4-Trichlorobenzene	**<7.8**	ug/L	25.8	7.8	4	08/03/17 08:01	08/04/17 11:29	120-82-1	
1,2-Dichlorobenzene	**<7.4**	ug/L	24.5	7.4	4	08/03/17 08:01	08/04/17 11:29	95-50-1	
1,3-Dichlorobenzene	**<7.2**	ug/L	23.9	7.2	4	08/03/17 08:01	08/04/17 11:29	541-73-1	
1,4-Dichlorobenzene	**<7.2**	ug/L	23.8	7.2	4	08/03/17 08:01	08/04/17 11:29	106-46-7	
2,2'-Oxybis(1-chloropropane)	**<5.8**	ug/L	19.4	5.8	4	08/03/17 08:01	08/04/17 11:29	108-60-1	
2,4,5-Trichlorophenol	**<3.2**	ug/L	10.7	3.2	4	08/03/17 08:01	08/04/17 11:29	95-95-4	
2,4,6-Trichlorophenol	**<8.0**	ug/L	26.8	8.0	4	08/03/17 08:01	08/04/17 11:29	88-06-2	
2,4-Dichlorophenol	**<5.2**	ug/L	17.4	5.2	4	08/03/17 08:01	08/04/17 11:29	120-83-2	
2,4-Dimethylphenol	**<4.8**	ug/L	16.1	4.8	4	08/03/17 08:01	08/04/17 11:29	105-67-9	
2,4-Dinitrophenol	**<2.7**	ug/L	9.0	2.7	4	08/03/17 08:01	08/04/17 11:29	51-28-5	
2,4-Dinitrotoluene	**<3.0**	ug/L	10.1	3.0	4	08/03/17 08:01	08/04/17 11:29	121-14-2	
2,6-Dinitrotoluene	**<2.3**	ug/L	7.7	2.3	4	08/03/17 08:01	08/04/17 11:29	606-20-2	
2-Chloronaphthalene	**<6.3**	ug/L	20.9	6.3	4	08/03/17 08:01	08/04/17 11:29	91-58-7	
2-Chlorophenol	**<4.4**	ug/L	14.7	4.4	4	08/03/17 08:01	08/04/17 11:29	95-57-8	
2-Methylnaphthalene	**<5.8**	ug/L	19.2	5.8	4	08/03/17 08:01	08/04/17 11:29	91-57-6	
2-Methylphenol(o-Cresol)	**<3.3**	ug/L	11.0	3.3	4	08/03/17 08:01	08/04/17 11:29	95-48-7	
2-Nitroaniline	**<2.9**	ug/L	9.8	2.9	4	08/03/17 08:01	08/04/17 11:29	88-74-4	
2-Nitrophenol	**<4.4**	ug/L	14.8	4.4	4	08/03/17 08:01	08/04/17 11:29	88-75-5	
3&4-Methylphenol(m&p Cresol)	**<5.9**	ug/L	19.8	5.9	4	08/03/17 08:01	08/04/17 11:29		
3,3'-Dichlorobenzidine	**<3.4**	ug/L	11.5	3.4	4	08/03/17 08:01	08/04/17 11:29	91-94-1	
3-Nitroaniline	**<3.7**	ug/L	12.3	3.7	4	08/03/17 08:01	08/04/17 11:29	99-09-2	
4,6-Dinitro-2-methylphenol	**<2.5**	ug/L	8.3	2.5	4	08/03/17 08:01	08/04/17 11:29	534-52-1	
4-Bromophenylphenyl ether	**<7.5**	ug/L	25.0	7.5	4	08/03/17 08:01	08/04/17 11:29	101-55-3	
4-Chloro-3-methylphenol	**<6.4**	ug/L	21.4	6.4	4	08/03/17 08:01	08/04/17 11:29	59-50-7	
4-Chloroaniline	**<4.2**	ug/L	13.9	4.2	4	08/03/17 08:01	08/04/17 11:29	106-47-8	
4-Chlorophenylphenyl ether	**<3.1**	ug/L	10.4	3.1	4	08/03/17 08:01	08/04/17 11:29	7005-72-3	
4-Nitroaniline	**<7.0**	ug/L	23.2	7.0	4	08/03/17 08:01	08/04/17 11:29	100-01-6	
4-Nitrophenol	**<4.0**	ug/L	13.3	4.0	4	08/03/17 08:01	08/04/17 11:29	100-02-7	
Acenaphthene	**50.2**	ug/L	17.0	5.1	4	08/03/17 08:01	08/04/17 11:29	83-32-9	
Acenaphthylene	**<4.0**	ug/L	13.5	4.0	4	08/03/17 08:01	08/04/17 11:29	208-96-8	
Anthracene	**38.5**	ug/L	22.9	6.9	4	08/03/17 08:01	08/04/17 11:29	120-12-7	
Benzo(a)anthracene	**36.5**	ug/L	6.8	2.0	4	08/03/17 08:01	08/04/17 11:29	56-55-3	
Benzo(a)pyrene	**31.1**	ug/L	23.9	7.2	4	08/03/17 08:01	08/04/17 11:29	50-32-8	
Benzo(b)fluoranthene	**40.4**	ug/L	8.3	2.5	4	08/03/17 08:01	08/04/17 11:29	205-99-2	

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ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154221

Sample: SB-14-S **Lab ID: 40154221001** Collected: 07/28/17 14:10 Received: 08/01/17 09:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510								
Benzo(g,h,i)perylene	**19.1**	ug/L	10.3	3.1	4	08/03/17 08:01	08/04/17 11:29	191-24-2	
Benzo(k)fluoranthene	**17.4**	ug/L	12.7	3.8	4	08/03/17 08:01	08/04/17 11:29	207-08-9	
Butylbenzylphthalate	**<2.9**	ug/L	9.8	2.9	4	08/03/17 08:01	08/04/17 11:29	85-68-7	
Carbazole	**120**	ug/L	9.5	2.9	4	08/03/17 08:01	08/04/17 11:29	86-74-8	
Chrysene	**41.4**	ug/L	22.1	6.6	4	08/03/17 08:01	08/04/17 11:29	218-01-9	
Di-n-butylphthalate	**<9.8**	ug/L	32.6	9.8	4	08/03/17 08:01	08/04/17 11:29	84-74-2	
Di-n-octylphthalate	**<7.2**	ug/L	24.0	7.2	4	08/03/17 08:01	08/04/17 11:29	117-84-0	
Dibenz(a,h)anthracene	**<5.0**	ug/L	16.8	5.0	4	08/03/17 08:01	08/04/17 11:29	53-70-3	
Dibenzofuran	**30.9**	ug/L	9.8	2.9	4	08/03/17 08:01	08/04/17 11:29	132-64-9	
Diethylphthalate	**<4.1**	ug/L	13.7	4.1	4	08/03/17 08:01	08/04/17 11:29	84-66-2	
Dimethylphthalate	**<7.4**	ug/L	24.5	7.4	4	08/03/17 08:01	08/04/17 11:29	131-11-3	
Fluoranthene	**108**	ug/L	7.2	2.1	4	08/03/17 08:01	08/04/17 11:29	206-44-0	
Fluorene	**48.4**	ug/L	9.5	2.9	4	08/03/17 08:01	08/04/17 11:29	86-73-7	
Hexachloro-1,3-butadiene	**<9.4**	ug/L	31.3	9.4	4	08/03/17 08:01	08/04/17 11:29	87-68-3	
Hexachlorobenzene	**<6.5**	ug/L	21.5	6.5	4	08/03/17 08:01	08/04/17 11:29	118-74-1	
Hexachlorocyclopentadiene	**<2.6**	ug/L	8.6	2.6	4	08/03/17 08:01	08/04/17 11:29	77-47-4	
Hexachloroethane	**<10.1**	ug/L	33.8	10.1	4	08/03/17 08:01	08/04/17 11:29	67-72-1	
Indeno(1,2,3-cd)pyrene	**22.8**	ug/L	19.0	5.7	4	08/03/17 08:01	08/04/17 11:29	193-39-5	
Isophorone	**<2.8**	ug/L	9.3	2.8	4	08/03/17 08:01	08/04/17 11:29	78-59-1	
N-Nitroso-di-n-propylamine	**<3.7**	ug/L	12.3	3.7	4	08/03/17 08:01	08/04/17 11:29	621-64-7	
N-Nitrosodiphenylamine	**<13.4**	ug/L	44.8	13.4	4	08/03/17 08:01	08/04/17 11:29	86-30-6	
Naphthalene	**51.0**	ug/L	24.1	7.2	4	08/03/17 08:01	08/04/17 11:29	91-20-3	
Nitrobenzene	**<5.5**	ug/L	18.4	5.5	4	08/03/17 08:01	08/04/17 11:29	98-95-3	
Pentachlorophenol	**<5.5**	ug/L	18.2	5.5	4	08/03/17 08:01	08/04/17 11:29	87-86-5	
Phenanthrene	**125**	ug/L	23.1	6.9	4	08/03/17 08:01	08/04/17 11:29	85-01-8	
Phenol	**<2.3**	ug/L	7.6	2.3	4	08/03/17 08:01	08/04/17 11:29	108-95-2	
Pyrene	**78.6**	ug/L	17.1	5.1	4	08/03/17 08:01	08/04/17 11:29	129-00-0	
bis(2-Chloroethoxy)methane	**<3.8**	ug/L	12.7	3.8	4	08/03/17 08:01	08/04/17 11:29	111-91-1	
bis(2-Chloroethyl) ether	**<6.0**	ug/L	20.1	6.0	4	08/03/17 08:01	08/04/17 11:29	111-44-4	
bis(2-Ethylhexyl)phthalate	**<2.6**	ug/L	8.8	2.6	4	08/03/17 08:01	08/04/17 11:29	117-81-7	
Surrogates									
Nitrobenzene-d5 (S)	83	%	53-100		4	08/03/17 08:01	08/04/17 11:29	4165-60-0	
2-Fluorobiphenyl (S)	91	%	59-109		4	08/03/17 08:01	08/04/17 11:29	321-60-8	
Terphenyl-d14 (S)	104	%	59-108		4	08/03/17 08:01	08/04/17 11:29	1718-51-0	
Phenol-d6 (S)	29	%	18-120		4	08/03/17 08:01	08/04/17 11:29	13127-88-3	
2-Fluorophenol (S)	46	%	27-67		4	08/03/17 08:01	08/04/17 11:29	367-12-4	
2,4,6-Tribromophenol (S)	94	%	65-140		4	08/03/17 08:01	08/04/17 11:29	118-79-6	
8260 MSV	Analytical Method: EPA 8260								
Benzene	**0.56J**	ug/L	1.0	0.50	1		08/03/17 18:52	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		08/03/17 18:52	108-86-1	
Bromochloromethane	**<0.34**	ug/L	1.0	0.34	1		08/03/17 18:52	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		08/03/17 18:52	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		08/03/17 18:52	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		08/03/17 18:52	74-83-9	
n-Butylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/03/17 18:52	104-51-8	

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1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154221

Sample: SB-14-S **Lab ID: 40154221001** Collected: 07/28/17 14:10 Received: 08/01/17 09:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		08/03/17 18:52	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		08/03/17 18:52	98-06-6	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		08/03/17 18:52	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/03/17 18:52	108-90-7	
Chloroethane	**1.4**	ug/L	1.0	0.37	1		08/03/17 18:52	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		08/03/17 18:52	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		08/03/17 18:52	74-87-3	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		08/03/17 18:52	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		08/03/17 18:52	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		08/03/17 18:52	96-12-8	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		08/03/17 18:52	124-48-1	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		08/03/17 18:52	106-93-4	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		08/03/17 18:52	74-95-3	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/03/17 18:52	95-50-1	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/03/17 18:52	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/03/17 18:52	106-46-7	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		08/03/17 18:52	75-71-8	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		08/03/17 18:52	75-34-3	
1,2-Dichloroethane	**5.4**	ug/L	1.0	0.17	1		08/03/17 18:52	107-06-2	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		08/03/17 18:52	75-35-4	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		08/03/17 18:52	156-59-2	
trans-1,2-Dichloroethene	**0.40J**	ug/L	1.0	0.26	1		08/03/17 18:52	156-60-5	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		08/03/17 18:52	78-87-5	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		08/03/17 18:52	142-28-9	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		08/03/17 18:52	594-20-7	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		08/03/17 18:52	563-58-6	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		08/03/17 18:52	10061-01-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		08/03/17 18:52	10061-02-6	
Diisopropyl ether	**7.7**	ug/L	1.0	0.50	1		08/03/17 18:52	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/03/17 18:52	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		08/03/17 18:52	87-68-3	
Isopropylbenzene (Cumene)	**<0.14**	ug/L	1.0	0.14	1		08/03/17 18:52	98-82-8	
p-Isopropyltoluene	**<0.50**	ug/L	1.0	0.50	1		08/03/17 18:52	99-87-6	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		08/03/17 18:52	75-09-2	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		08/03/17 18:52	1634-04-4	
Naphthalene	**48.6**	ug/L	5.0	2.5	1		08/03/17 18:52	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/03/17 18:52	103-65-1	
Styrene	**<0.50**	ug/L	1.0	0.50	1		08/03/17 18:52	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		08/03/17 18:52	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.25**	ug/L	1.0	0.25	1		08/03/17 18:52	79-34-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		08/03/17 18:52	127-18-4	
Toluene	**0.73J**	ug/L	1.0	0.50	1		08/03/17 18:52	108-88-3	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		08/03/17 18:52	87-61-6	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		08/03/17 18:52	120-82-1	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		08/03/17 18:52	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		08/03/17 18:52	79-00-5	

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ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154221

Sample: SB-14-S **Lab ID: 40154221001** Collected: 07/28/17 14:10 Received: 08/01/17 09:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		08/03/17 18:52	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		08/03/17 18:52	75-69-4	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		08/03/17 18:52	96-18-4	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/03/17 18:52	95-63-6	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/03/17 18:52	108-67-8	
Vinyl chloride	**0.94J**	ug/L	1.0	0.18	1		08/03/17 18:52	75-01-4	
m&p-Xylene	**<1.0**	ug/L	2.0	1.0	1		08/03/17 18:52	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		08/03/17 18:52	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	96	%	61-130		1		08/03/17 18:52	460-00-4	
Dibromofluoromethane (S)	98	%	67-130		1		08/03/17 18:52	1868-53-7	
Toluene-d8 (S)	98	%	70-130		1		08/03/17 18:52	2037-26-5	

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ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154221

Sample: SB-15-S **Lab ID: 40154221002** Collected: 07/28/17 14:45 Received: 08/01/17 09:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010	Preparation Method: EPA 3010							
Arsenic	**8.4J**	ug/L	25.0	8.3	1	08/03/17 14:11	08/04/17 11:20	7440-38-2	
Barium	**124**	ug/L	5.0	1.5	1	08/03/17 14:11	08/04/17 11:20	7440-39-3	
Cadmium	**<1.3**	ug/L	5.0	1.3	1	08/03/17 14:11	08/04/17 11:20	7440-43-9	
Chromium	**7.3J**	ug/L	10.0	2.5	1	08/03/17 14:11	08/04/17 11:20	7440-47-3	
Lead	**11.5J**	ug/L	13.0	4.3	1	08/03/17 14:11	08/04/17 11:20	7439-92-1	
Selenium	**<16.6**	ug/L	50.0	16.6	1	08/03/17 14:11	08/04/17 11:20	7782-49-2	
Silver	**<3.3**	ug/L	10.0	3.3	1	08/03/17 14:11	08/04/17 11:20	7440-22-4	
7470 Mercury	Analytical Method: EPA 7470	Preparation Method: EPA 7470							
Mercury	**<0.13**	ug/L	0.42	0.13	1	08/07/17 12:30	08/08/17 08:37	7439-97-6	
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270	Preparation Method: EPA 3510							
1,2,4-Trichlorobenzene	**<1.9**	ug/L	6.5	1.9	1	08/03/17 08:01	08/04/17 09:43	120-82-1	
1,2-Dichlorobenzene	**<1.8**	ug/L	6.1	1.8	1	08/03/17 08:01	08/04/17 09:43	95-50-1	
1,3-Dichlorobenzene	**<1.8**	ug/L	6.0	1.8	1	08/03/17 08:01	08/04/17 09:43	541-73-1	
1,4-Dichlorobenzene	**<1.8**	ug/L	6.0	1.8	1	08/03/17 08:01	08/04/17 09:43	106-46-7	
2,2'-Oxybis(1-chloropropane)	**<1.5**	ug/L	4.8	1.5	1	08/03/17 08:01	08/04/17 09:43	108-60-1	
2,4,5-Trichlorophenol	**<0.80**	ug/L	2.7	0.80	1	08/03/17 08:01	08/04/17 09:43	95-95-4	
2,4,6-Trichlorophenol	**<2.0**	ug/L	6.7	2.0	1	08/03/17 08:01	08/04/17 09:43	88-06-2	
2,4-Dichlorophenol	**<1.3**	ug/L	4.3	1.3	1	08/03/17 08:01	08/04/17 09:43	120-83-2	
2,4-Dimethylphenol	**<1.2**	ug/L	4.0	1.2	1	08/03/17 08:01	08/04/17 09:43	105-67-9	
2,4-Dinitrophenol	**<0.68**	ug/L	2.3	0.68	1	08/03/17 08:01	08/04/17 09:43	51-28-5	
2,4-Dinitrotoluene	**<0.75**	ug/L	2.5	0.75	1	08/03/17 08:01	08/04/17 09:43	121-14-2	
2,6-Dinitrotoluene	**<0.57**	ug/L	1.9	0.57	1	08/03/17 08:01	08/04/17 09:43	606-20-2	
2-Chloronaphthalene	**<1.6**	ug/L	5.2	1.6	1	08/03/17 08:01	08/04/17 09:43	91-58-7	
2-Chlorophenol	**<1.1**	ug/L	3.7	1.1	1	08/03/17 08:01	08/04/17 09:43	95-57-8	
2-Methylnaphthalene	**<1.4**	ug/L	4.8	1.4	1	08/03/17 08:01	08/04/17 09:43	91-57-6	
2-Methylphenol(o-Cresol)	**<0.83**	ug/L	2.8	0.83	1	08/03/17 08:01	08/04/17 09:43	95-48-7	
2-Nitroaniline	**<0.74**	ug/L	2.5	0.74	1	08/03/17 08:01	08/04/17 09:43	88-74-4	
2-Nitrophenol	**<1.1**	ug/L	3.7	1.1	1	08/03/17 08:01	08/04/17 09:43	88-75-5	
3&4-Methylphenol(m&p Cresol)	**<1.5**	ug/L	5.0	1.5	1	08/03/17 08:01	08/04/17 09:43		
3,3'-Dichlorobenzidine	**<0.86**	ug/L	2.9	0.86	1	08/03/17 08:01	08/04/17 09:43	91-94-1	
3-Nitroaniline	**<0.92**	ug/L	3.1	0.92	1	08/03/17 08:01	08/04/17 09:43	99-09-2	
4,6-Dinitro-2-methylphenol	**<0.62**	ug/L	2.1	0.62	1	08/03/17 08:01	08/04/17 09:43	534-52-1	
4-Bromophenylphenyl ether	**<1.9**	ug/L	6.3	1.9	1	08/03/17 08:01	08/04/17 09:43	101-55-3	
4-Chloro-3-methylphenol	**<1.6**	ug/L	5.4	1.6	1	08/03/17 08:01	08/04/17 09:43	59-50-7	
4-Chloroaniline	**<1.0**	ug/L	3.5	1.0	1	08/03/17 08:01	08/04/17 09:43	106-47-8	
4-Chlorophenylphenyl ether	**<0.78**	ug/L	2.6	0.78	1	08/03/17 08:01	08/04/17 09:43	7005-72-3	
4-Nitroaniline	**<1.7**	ug/L	5.8	1.7	1	08/03/17 08:01	08/04/17 09:43	100-01-6	
4-Nitrophenol	**<1.0**	ug/L	3.3	1.0	1	08/03/17 08:01	08/04/17 09:43	100-02-7	
Acenaphthene	**<1.3**	ug/L	4.3	1.3	1	08/03/17 08:01	08/04/17 09:43	83-32-9	
Acenaphthylene	**<1.0**	ug/L	3.4	1.0	1	08/03/17 08:01	08/04/17 09:43	208-96-8	
Anthracene	**<1.7**	ug/L	5.7	1.7	1	08/03/17 08:01	08/04/17 09:43	120-12-7	
Benzo(a)anthracene	**<0.51**	ug/L	1.7	0.51	1	08/03/17 08:01	08/04/17 09:43	56-55-3	
Benzo(a)pyrene	**<1.8**	ug/L	6.0	1.8	1	08/03/17 08:01	08/04/17 09:43	50-32-8	
Benzo(b)fluoranthene	**<0.62**	ug/L	2.1	0.62	1	08/03/17 08:01	08/04/17 09:43	205-99-2	

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ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154221

Sample: SB-15-S **Lab ID: 40154221002** Collected: 07/28/17 14:45 Received: 08/01/17 09:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510								
Benzo(g,h,i)perylene	**<0.77**	ug/L	2.6	0.77	1	08/03/17 08:01	08/04/17 09:43	191-24-2	
Benzo(k)fluoranthene	**<0.95**	ug/L	3.2	0.95	1	08/03/17 08:01	08/04/17 09:43	207-08-9	
Butylbenzylphthalate	**<0.74**	ug/L	2.5	0.74	1	08/03/17 08:01	08/04/17 09:43	85-68-7	
Carbazole	**<0.71**	ug/L	2.4	0.71	1	08/03/17 08:01	08/04/17 09:43	86-74-8	
Chrysene	**<1.7**	ug/L	5.5	1.7	1	08/03/17 08:01	08/04/17 09:43	218-01-9	
Di-n-butylphthalate	**<2.4**	ug/L	8.1	2.4	1	08/03/17 08:01	08/04/17 09:43	84-74-2	
Di-n-octylphthalate	**<1.8**	ug/L	6.0	1.8	1	08/03/17 08:01	08/04/17 09:43	117-84-0	
Dibenz(a,h)anthracene	**<1.3**	ug/L	4.2	1.3	1	08/03/17 08:01	08/04/17 09:43	53-70-3	
Dibenzofuran	**<0.73**	ug/L	2.4	0.73	1	08/03/17 08:01	08/04/17 09:43	132-64-9	
Diethylphthalate	**<1.0**	ug/L	3.4	1.0	1	08/03/17 08:01	08/04/17 09:43	84-66-2	
Dimethylphthalate	**<1.8**	ug/L	6.1	1.8	1	08/03/17 08:01	08/04/17 09:43	131-11-3	
Fluoranthene	**<0.54**	ug/L	1.8	0.54	1	08/03/17 08:01	08/04/17 09:43	206-44-0	
Fluorene	**<0.71**	ug/L	2.4	0.71	1	08/03/17 08:01	08/04/17 09:43	86-73-7	
Hexachloro-1,3-butadiene	**<2.3**	ug/L	7.8	2.3	1	08/03/17 08:01	08/04/17 09:43	87-68-3	
Hexachlorobenzene	**<1.6**	ug/L	5.4	1.6	1	08/03/17 08:01	08/04/17 09:43	118-74-1	
Hexachlorocyclopentadiene	**<0.65**	ug/L	2.2	0.65	1	08/03/17 08:01	08/04/17 09:43	77-47-4	
Hexachloroethane	**<2.5**	ug/L	8.4	2.5	1	08/03/17 08:01	08/04/17 09:43	67-72-1	
Indeno(1,2,3-cd)pyrene	**<1.4**	ug/L	4.8	1.4	1	08/03/17 08:01	08/04/17 09:43	193-39-5	
Isophorone	**<0.70**	ug/L	2.3	0.70	1	08/03/17 08:01	08/04/17 09:43	78-59-1	
N-Nitroso-di-n-propylamine	**<0.92**	ug/L	3.1	0.92	1	08/03/17 08:01	08/04/17 09:43	621-64-7	
N-Nitrosodiphenylamine	**<3.4**	ug/L	11.2	3.4	1	08/03/17 08:01	08/04/17 09:43	86-30-6	
Naphthalene	**<1.8**	ug/L	6.0	1.8	1	08/03/17 08:01	08/04/17 09:43	91-20-3	
Nitrobenzene	**<1.4**	ug/L	4.6	1.4	1	08/03/17 08:01	08/04/17 09:43	98-95-3	
Pentachlorophenol	**<1.4**	ug/L	4.6	1.4	1	08/03/17 08:01	08/04/17 09:43	87-86-5	
Phenanthrene	**<1.7**	ug/L	5.8	1.7	1	08/03/17 08:01	08/04/17 09:43	85-01-8	
Phenol	**<0.57**	ug/L	1.9	0.57	1	08/03/17 08:01	08/04/17 09:43	108-95-2	
Pyrene	**<1.3**	ug/L	4.3	1.3	1	08/03/17 08:01	08/04/17 09:43	129-00-0	
bis(2-Chloroethoxy)methane	**<0.95**	ug/L	3.2	0.95	1	08/03/17 08:01	08/04/17 09:43	111-91-1	
bis(2-Chloroethyl) ether	**<1.5**	ug/L	5.0	1.5	1	08/03/17 08:01	08/04/17 09:43	111-44-4	
bis(2-Ethylhexyl)phthalate	**<0.66**	ug/L	2.2	0.66	1	08/03/17 08:01	08/04/17 09:43	117-81-7	
Surrogates									
Nitrobenzene-d5 (S)	94	%	53-100		1	08/03/17 08:01	08/04/17 09:43	4165-60-0	
2-Fluorobiphenyl (S)	84	%	59-109		1	08/03/17 08:01	08/04/17 09:43	321-60-8	
Terphenyl-d14 (S)	93	%	59-108		1	08/03/17 08:01	08/04/17 09:43	1718-51-0	
Phenol-d6 (S)	33	%	18-120		1	08/03/17 08:01	08/04/17 09:43	13127-88-3	
2-Fluorophenol (S)	48	%	27-67		1	08/03/17 08:01	08/04/17 09:43	367-12-4	
2,4,6-Tribromophenol (S)	91	%	65-140		1	08/03/17 08:01	08/04/17 09:43	118-79-6	
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<10.0**	ug/L	20.0	10.0	20		08/03/17 14:32	71-43-2	
Bromobenzene	**<4.6**	ug/L	20.0	4.6	20		08/03/17 14:32	108-86-1	
Bromochloromethane	**<6.8**	ug/L	20.0	6.8	20		08/03/17 14:32	74-97-5	
Bromodichloromethane	**<10.0**	ug/L	20.0	10.0	20		08/03/17 14:32	75-27-4	
Bromoform	**<10.0**	ug/L	20.0	10.0	20		08/03/17 14:32	75-25-2	
Bromomethane	**<48.7**	ug/L	100	48.7	20		08/03/17 14:32	74-83-9	
n-Butylbenzene	**<10.0**	ug/L	20.0	10.0	20		08/03/17 14:32	104-51-8	

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1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154221

Sample: SB-15-S **Lab ID: 40154221002** Collected: 07/28/17 14:45 Received: 08/01/17 09:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
sec-Butylbenzene	**<43.7**	ug/L	100	43.7	20		08/03/17 14:32	135-98-8	
tert-Butylbenzene	**<3.6**	ug/L	20.0	3.6	20		08/03/17 14:32	98-06-6	
Carbon tetrachloride	**<10.0**	ug/L	20.0	10.0	20		08/03/17 14:32	56-23-5	
Chlorobenzene	**<10.0**	ug/L	20.0	10.0	20		08/03/17 14:32	108-90-7	
Chloroethane	**<7.5**	ug/L	20.0	7.5	20		08/03/17 14:32	75-00-3	
Chloroform	**<50.0**	ug/L	100	50.0	20		08/03/17 14:32	67-66-3	
Chloromethane	**<10.0**	ug/L	20.0	10.0	20		08/03/17 14:32	74-87-3	
2-Chlorotoluene	**<10.0**	ug/L	20.0	10.0	20		08/03/17 14:32	95-49-8	
4-Chlorotoluene	**<4.3**	ug/L	20.0	4.3	20		08/03/17 14:32	106-43-4	
1,2-Dibromo-3-chloropropane	**<43.3**	ug/L	100	43.3	20		08/03/17 14:32	96-12-8	
Dibromochloromethane	**<10.0**	ug/L	20.0	10.0	20		08/03/17 14:32	124-48-1	
1,2-Dibromoethane (EDB)	**<3.6**	ug/L	20.0	3.6	20		08/03/17 14:32	106-93-4	
Dibromomethane	**<8.5**	ug/L	20.0	8.5	20		08/03/17 14:32	74-95-3	
1,2-Dichlorobenzene	**<10.0**	ug/L	20.0	10.0	20		08/03/17 14:32	95-50-1	
1,3-Dichlorobenzene	**<10.0**	ug/L	20.0	10.0	20		08/03/17 14:32	541-73-1	
1,4-Dichlorobenzene	**<10.0**	ug/L	20.0	10.0	20		08/03/17 14:32	106-46-7	
Dichlorodifluoromethane	**<4.5**	ug/L	20.0	4.5	20		08/03/17 14:32	75-71-8	
1,1-Dichloroethane	**<4.8**	ug/L	20.0	4.8	20		08/03/17 14:32	75-34-3	
1,2-Dichloroethane	**1630**	ug/L	20.0	3.4	20		08/03/17 14:32	107-06-2	M1
1,1-Dichloroethene	**<8.2**	ug/L	20.0	8.2	20		08/03/17 14:32	75-35-4	
cis-1,2-Dichloroethene	**<5.1**	ug/L	20.0	5.1	20		08/03/17 14:32	156-59-2	
trans-1,2-Dichloroethene	**<5.1**	ug/L	20.0	5.1	20		08/03/17 14:32	156-60-5	
1,2-Dichloropropane	**<4.7**	ug/L	20.0	4.7	20		08/03/17 14:32	78-87-5	
1,3-Dichloropropane	**<10.0**	ug/L	20.0	10.0	20		08/03/17 14:32	142-28-9	
2,2-Dichloropropane	**<9.7**	ug/L	20.0	9.7	20		08/03/17 14:32	594-20-7	
1,1-Dichloropropene	**<8.8**	ug/L	20.0	8.8	20		08/03/17 14:32	563-58-6	
cis-1,3-Dichloropropene	**<10.0**	ug/L	20.0	10.0	20		08/03/17 14:32	10061-01-5	
trans-1,3-Dichloropropene	**<4.6**	ug/L	20.0	4.6	20		08/03/17 14:32	10061-02-6	
Diisopropyl ether	**<10.0**	ug/L	20.0	10.0	20		08/03/17 14:32	108-20-3	
Ethylbenzene	**<10.0**	ug/L	20.0	10.0	20		08/03/17 14:32	100-41-4	
Hexachloro-1,3-butadiene	**<42.1**	ug/L	100	42.1	20		08/03/17 14:32	87-68-3	
Isopropylbenzene (Cumene)	**<2.9**	ug/L	20.0	2.9	20		08/03/17 14:32	98-82-8	
p-Isopropyltoluene	**<10.0**	ug/L	20.0	10.0	20		08/03/17 14:32	99-87-6	
Methylene Chloride	**<4.7**	ug/L	20.0	4.7	20		08/03/17 14:32	75-09-2	
Methyl-tert-butyl ether	**<3.5**	ug/L	20.0	3.5	20		08/03/17 14:32	1634-04-4	
Naphthalene	**<50.0**	ug/L	100	50.0	20		08/03/17 14:32	91-20-3	
n-Propylbenzene	**<10.0**	ug/L	20.0	10.0	20		08/03/17 14:32	103-65-1	
Styrene	**<10.0**	ug/L	20.0	10.0	20		08/03/17 14:32	100-42-5	
1,1,1,2-Tetrachloroethane	**<3.6**	ug/L	20.0	3.6	20		08/03/17 14:32	630-20-6	
1,1,2,2-Tetrachloroethane	**<5.0**	ug/L	20.0	5.0	20		08/03/17 14:32	79-34-5	
Tetrachloroethene	**<10.0**	ug/L	20.0	10.0	20		08/03/17 14:32	127-18-4	
Toluene	**<10.0**	ug/L	20.0	10.0	20		08/03/17 14:32	108-88-3	
1,2,3-Trichlorobenzene	**<42.7**	ug/L	100	42.7	20		08/03/17 14:32	87-61-6	
1,2,4-Trichlorobenzene	**<44.2**	ug/L	100	44.2	20		08/03/17 14:32	120-82-1	
1,1,1-Trichloroethane	**<10.0**	ug/L	20.0	10.0	20		08/03/17 14:32	71-55-6	
1,1,2-Trichloroethane	**12.8J**	ug/L	20.0	3.9	20		08/03/17 14:32	79-00-5	

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ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154221

Sample: SB-15-S **Lab ID: 40154221002** Collected: 07/28/17 14:45 Received: 08/01/17 09:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Trichloroethene	**<6.6**	ug/L	20.0	6.6	20		08/03/17 14:32	79-01-6	
Trichlorofluoromethane	**<3.7**	ug/L	20.0	3.7	20		08/03/17 14:32	75-69-4	
1,2,3-Trichloropropane	**<10.0**	ug/L	20.0	10.0	20		08/03/17 14:32	96-18-4	
1,2,4-Trimethylbenzene	**<10.0**	ug/L	20.0	10.0	20		08/03/17 14:32	95-63-6	
1,3,5-Trimethylbenzene	**<10.0**	ug/L	20.0	10.0	20		08/03/17 14:32	108-67-8	
Vinyl chloride	**17.7J**	ug/L	20.0	3.5	20		08/03/17 14:32	75-01-4	
m&p-Xylene	**<20.0**	ug/L	40.0	20.0	20		08/03/17 14:32	179601-23-1	
o-Xylene	**<10.0**	ug/L	20.0	10.0	20		08/03/17 14:32	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	94	%	61-130		20		08/03/17 14:32	460-00-4	
Dibromofluoromethane (S)	104	%	67-130		20		08/03/17 14:32	1868-53-7	
Toluene-d8 (S)	97	%	70-130		20		08/03/17 14:32	2037-26-5	

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ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154221

Sample: SB-13-S **Lab ID: 40154221003** Collected: 07/28/17 15:20 Received: 08/01/17 09:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Lead	**67.6**	ug/L	13.0	4.3	1	08/03/17 14:11	08/04/17 11:22	7439-92-1	
8270 MSSV PAH by HVI	Analytical Method: EPA 8270 by HVI Preparation Method: EPA 3510								
Acenaphthene	**0.018J**	ug/L	0.029	0.0059	1	08/03/17 12:31	08/03/17 20:09	83-32-9	
Acenaphthylene	**<0.0048**	ug/L	0.024	0.0048	1	08/03/17 12:31	08/03/17 20:09	208-96-8	
Anthracene	**<0.010**	ug/L	0.051	0.010	1	08/03/17 12:31	08/03/17 20:09	120-12-7	
Benzo(a)anthracene	**0.12**	ug/L	0.037	0.0073	1	08/03/17 12:31	08/03/17 20:09	56-55-3	
Benzo(a)pyrene	**0.17**	ug/L	0.051	0.010	1	08/03/17 12:31	08/03/17 20:09	50-32-8	
Benzo(b)fluoranthene	**0.23**	ug/L	0.028	0.0056	1	08/03/17 12:31	08/03/17 20:09	205-99-2	
Benzo(g,h,i)perylene	**0.13**	ug/L	0.033	0.0066	1	08/03/17 12:31	08/03/17 20:09	191-24-2	
Benzo(k)fluoranthene	**0.13**	ug/L	0.037	0.0073	1	08/03/17 12:31	08/03/17 20:09	207-08-9	
Chrysene	**0.26**	ug/L	0.063	0.013	1	08/03/17 12:31	08/03/17 20:09	218-01-9	
Dibenz(a,h)anthracene	**0.024J**	ug/L	0.049	0.0097	1	08/03/17 12:31	08/03/17 20:09	53-70-3	
Fluoranthene	**0.36**	ug/L	0.052	0.010	1	08/03/17 12:31	08/03/17 20:09	206-44-0	
Fluorene	**<0.0077**	ug/L	0.039	0.0077	1	08/03/17 12:31	08/03/17 20:09	86-73-7	
Indeno(1,2,3-cd)pyrene	**0.096**	ug/L	0.086	0.017	1	08/03/17 12:31	08/03/17 20:09	193-39-5	
1-Methylnaphthalene	**<0.0057**	ug/L	0.029	0.0057	1	08/03/17 12:31	08/03/17 20:09	90-12-0	
2-Methylnaphthalene	**<0.0048**	ug/L	0.024	0.0048	1	08/03/17 12:31	08/03/17 20:09	91-57-6	
Naphthalene	**<0.018**	ug/L	0.089	0.018	1	08/03/17 12:31	08/03/17 20:09	91-20-3	
Phenanthrene	**0.19**	ug/L	0.067	0.013	1	08/03/17 12:31	08/03/17 20:09	85-01-8	
Pyrene	**0.33**	ug/L	0.037	0.0074	1	08/03/17 12:31	08/03/17 20:09	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	53	%	35-84		1	08/03/17 12:31	08/03/17 20:09	321-60-8	
Terphenyl-d14 (S)	37	%	10-129		1	08/03/17 12:31	08/03/17 20:09	1718-51-0	
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<0.50**	ug/L	1.0	0.50	1		08/03/17 19:14	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		08/03/17 19:14	108-86-1	
Bromochloromethane	**<0.34**	ug/L	1.0	0.34	1		08/03/17 19:14	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		08/03/17 19:14	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		08/03/17 19:14	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		08/03/17 19:14	74-83-9	
n-Butylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/03/17 19:14	104-51-8	
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		08/03/17 19:14	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		08/03/17 19:14	98-06-6	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		08/03/17 19:14	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/03/17 19:14	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		08/03/17 19:14	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		08/03/17 19:14	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		08/03/17 19:14	74-87-3	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		08/03/17 19:14	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		08/03/17 19:14	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		08/03/17 19:14	96-12-8	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		08/03/17 19:14	124-48-1	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		08/03/17 19:14	106-93-4	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		08/03/17 19:14	74-95-3	

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ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154221

Sample: SB-13-S **Lab ID: 40154221003** Collected: 07/28/17 15:20 Received: 08/01/17 09:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/03/17 19:14	95-50-1	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/03/17 19:14	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/03/17 19:14	106-46-7	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		08/03/17 19:14	75-71-8	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		08/03/17 19:14	75-34-3	
1,2-Dichloroethane	**6.1**	ug/L	1.0	0.17	1		08/03/17 19:14	107-06-2	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		08/03/17 19:14	75-35-4	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		08/03/17 19:14	156-59-2	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		08/03/17 19:14	156-60-5	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		08/03/17 19:14	78-87-5	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		08/03/17 19:14	142-28-9	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		08/03/17 19:14	594-20-7	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		08/03/17 19:14	563-58-6	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		08/03/17 19:14	10061-01-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		08/03/17 19:14	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		08/03/17 19:14	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/03/17 19:14	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		08/03/17 19:14	87-68-3	
Isopropylbenzene (Cumene)	**<0.14**	ug/L	1.0	0.14	1		08/03/17 19:14	98-82-8	
p-Isopropyltoluene	**<0.50**	ug/L	1.0	0.50	1		08/03/17 19:14	99-87-6	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		08/03/17 19:14	75-09-2	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		08/03/17 19:14	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		08/03/17 19:14	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/03/17 19:14	103-65-1	
Styrene	**<0.50**	ug/L	1.0	0.50	1		08/03/17 19:14	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		08/03/17 19:14	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.25**	ug/L	1.0	0.25	1		08/03/17 19:14	79-34-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		08/03/17 19:14	127-18-4	
Toluene	**<0.50**	ug/L	1.0	0.50	1		08/03/17 19:14	108-88-3	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		08/03/17 19:14	87-61-6	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		08/03/17 19:14	120-82-1	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		08/03/17 19:14	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		08/03/17 19:14	79-00-5	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		08/03/17 19:14	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		08/03/17 19:14	75-69-4	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		08/03/17 19:14	96-18-4	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/03/17 19:14	95-63-6	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/03/17 19:14	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		08/03/17 19:14	75-01-4	
m&p-Xylene	**<1.0**	ug/L	2.0	1.0	1		08/03/17 19:14	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		08/03/17 19:14	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	92	%	61-130		1		08/03/17 19:14	460-00-4	
Dibromofluoromethane (S)	107	%	67-130		1		08/03/17 19:14	1868-53-7	
Toluene-d8 (S)	97	%	70-130		1		08/03/17 19:14	2037-26-5	

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1241 Bellevue Street - Suite 9
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(920)469-2436

ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154221

Sample: SB-18-S **Lab ID: 40154221004** Collected: 07/28/17 16:20 Received: 08/01/17 09:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Lead	**2670**	ug/L	65.0	21.6	5	08/03/17 14:11	08/04/17 11:55	7439-92-1	
8270 MSSV PAH by HVI	Analytical Method: EPA 8270 by HVI Preparation Method: EPA 3510								
Acenaphthene	**0.043**	ug/L	0.030	0.0060	1	08/03/17 12:31	08/03/17 20:25	83-32-9	
Acenaphthylene	**0.017J**	ug/L	0.024	0.0049	1	08/03/17 12:31	08/03/17 20:25	208-96-8	
Anthracene	**0.018J**	ug/L	0.051	0.010	1	08/03/17 12:31	08/03/17 20:25	120-12-7	
Benzo(a)anthracene	**0.16**	ug/L	0.037	0.0074	1	08/03/17 12:31	08/03/17 20:25	56-55-3	
Benzo(a)pyrene	**0.20**	ug/L	0.052	0.010	1	08/03/17 12:31	08/03/17 20:25	50-32-8	
Benzo(b)fluoranthene	**0.26**	ug/L	0.028	0.0056	1	08/03/17 12:31	08/03/17 20:25	205-99-2	
Benzo(g,h,i)perylene	**0.14**	ug/L	0.033	0.0066	1	08/03/17 12:31	08/03/17 20:25	191-24-2	
Benzo(k)fluoranthene	**0.14**	ug/L	0.037	0.0074	1	08/03/17 12:31	08/03/17 20:25	207-08-9	
Chrysene	**0.26**	ug/L	0.064	0.013	1	08/03/17 12:31	08/03/17 20:25	218-01-9	
Dibenz(a,h)anthracene	**0.027J**	ug/L	0.049	0.0098	1	08/03/17 12:31	08/03/17 20:25	53-70-3	
Fluoranthene	**0.41**	ug/L	0.052	0.010	1	08/03/17 12:31	08/03/17 20:25	206-44-0	
Fluorene	**0.039J**	ug/L	0.039	0.0078	1	08/03/17 12:31	08/03/17 20:25	86-73-7	
Indeno(1,2,3-cd)pyrene	**0.10**	ug/L	0.086	0.017	1	08/03/17 12:31	08/03/17 20:25	193-39-5	
1-Methylnaphthalene	**0.012J**	ug/L	0.029	0.0058	1	08/03/17 12:31	08/03/17 20:25	90-12-0	
2-Methylnaphthalene	**<0.0048**	ug/L	0.024	0.0048	1	08/03/17 12:31	08/03/17 20:25	91-57-6	
Naphthalene	**0.025J**	ug/L	0.090	0.018	1	08/03/17 12:31	08/03/17 20:25	91-20-3	
Phenanthrene	**0.23**	ug/L	0.068	0.014	1	08/03/17 12:31	08/03/17 20:25	85-01-8	
Pyrene	**0.39**	ug/L	0.038	0.0075	1	08/03/17 12:31	08/03/17 20:25	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	52	%	35-84		1	08/03/17 12:31	08/03/17 20:25	321-60-8	
Terphenyl-d14 (S)	56	%	10-129		1	08/03/17 12:31	08/03/17 20:25	1718-51-0	
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<0.50**	ug/L	1.0	0.50	1		08/03/17 18:29	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		08/03/17 18:29	108-86-1	
Bromochloromethane	**<0.34**	ug/L	1.0	0.34	1		08/03/17 18:29	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		08/03/17 18:29	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		08/03/17 18:29	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		08/03/17 18:29	74-83-9	
n-Butylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/03/17 18:29	104-51-8	
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		08/03/17 18:29	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		08/03/17 18:29	98-06-6	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		08/03/17 18:29	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/03/17 18:29	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		08/03/17 18:29	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		08/03/17 18:29	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		08/03/17 18:29	74-87-3	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		08/03/17 18:29	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		08/03/17 18:29	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		08/03/17 18:29	96-12-8	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		08/03/17 18:29	124-48-1	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		08/03/17 18:29	106-93-4	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		08/03/17 18:29	74-95-3	

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ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154221

Sample: SB-18-S **Lab ID: 40154221004** Collected: 07/28/17 16:20 Received: 08/01/17 09:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/03/17 18:29	95-50-1	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/03/17 18:29	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/03/17 18:29	106-46-7	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		08/03/17 18:29	75-71-8	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		08/03/17 18:29	75-34-3	
1,2-Dichloroethane	**1.4**	ug/L	1.0	0.17	1		08/03/17 18:29	107-06-2	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		08/03/17 18:29	75-35-4	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		08/03/17 18:29	156-59-2	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		08/03/17 18:29	156-60-5	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		08/03/17 18:29	78-87-5	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		08/03/17 18:29	142-28-9	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		08/03/17 18:29	594-20-7	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		08/03/17 18:29	563-58-6	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		08/03/17 18:29	10061-01-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		08/03/17 18:29	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		08/03/17 18:29	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/03/17 18:29	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		08/03/17 18:29	87-68-3	
Isopropylbenzene (Cumene)	**<0.14**	ug/L	1.0	0.14	1		08/03/17 18:29	98-82-8	
p-Isopropyltoluene	**<0.50**	ug/L	1.0	0.50	1		08/03/17 18:29	99-87-6	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		08/03/17 18:29	75-09-2	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		08/03/17 18:29	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		08/03/17 18:29	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/03/17 18:29	103-65-1	
Styrene	**<0.50**	ug/L	1.0	0.50	1		08/03/17 18:29	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		08/03/17 18:29	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.25**	ug/L	1.0	0.25	1		08/03/17 18:29	79-34-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		08/03/17 18:29	127-18-4	
Toluene	**<0.50**	ug/L	1.0	0.50	1		08/03/17 18:29	108-88-3	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		08/03/17 18:29	87-61-6	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		08/03/17 18:29	120-82-1	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		08/03/17 18:29	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		08/03/17 18:29	79-00-5	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		08/03/17 18:29	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		08/03/17 18:29	75-69-4	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		08/03/17 18:29	96-18-4	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/03/17 18:29	95-63-6	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/03/17 18:29	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		08/03/17 18:29	75-01-4	
m&p-Xylene	**<1.0**	ug/L	2.0	1.0	1		08/03/17 18:29	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		08/03/17 18:29	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	91	%	61-130		1		08/03/17 18:29	460-00-4	
Dibromofluoromethane (S)	104	%	67-130		1		08/03/17 18:29	1868-53-7	
Toluene-d8 (S)	95	%	70-130		1		08/03/17 18:29	2037-26-5	

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ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154221

Sample: SB-10-S **Lab ID: 40154221005** Collected: 07/28/17 17:10 Received: 08/01/17 09:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Lead	**70.7**	ug/L	13.0	4.3	1	08/03/17 14:11	08/04/17 11:28	7439-92-1	
8270 MSSV PAH by HVI	Analytical Method: EPA 8270 by HVI Preparation Method: EPA 3510								
Acenaphthene	**<0.0056**	ug/L	0.028	0.0056	1	08/03/17 12:31	08/04/17 10:39	83-32-9	
Acenaphthylene	**<0.0046**	ug/L	0.023	0.0046	1	08/03/17 12:31	08/04/17 10:39	208-96-8	
Anthracene	**<0.0096**	ug/L	0.048	0.0096	1	08/03/17 12:31	08/04/17 10:39	120-12-7	
Benzo(a)anthracene	**<0.0069**	ug/L	0.035	0.0069	1	08/03/17 12:31	08/04/17 10:39	56-55-3	
Benzo(a)pyrene	**<0.0097**	ug/L	0.048	0.0097	1	08/03/17 12:31	08/04/17 10:39	50-32-8	
Benzo(b)fluoranthene	**<0.0053**	ug/L	0.026	0.0053	1	08/03/17 12:31	08/04/17 10:39	205-99-2	
Benzo(g,h,i)perylene	**<0.0062**	ug/L	0.031	0.0062	1	08/03/17 12:31	08/04/17 10:39	191-24-2	
Benzo(k)fluoranthene	**<0.0069**	ug/L	0.035	0.0069	1	08/03/17 12:31	08/04/17 10:39	207-08-9	
Chrysene	**<0.012**	ug/L	0.060	0.012	1	08/03/17 12:31	08/04/17 10:39	218-01-9	
Dibenz(a,h)anthracene	**<0.0092**	ug/L	0.046	0.0092	1	08/03/17 12:31	08/04/17 10:39	53-70-3	
Fluoranthene	**0.024J**	ug/L	0.049	0.0098	1	08/03/17 12:31	08/04/17 10:39	206-44-0	
Fluorene	**<0.0073**	ug/L	0.037	0.0073	1	08/03/17 12:31	08/04/17 10:39	86-73-7	
Indeno(1,2,3-cd)pyrene	**<0.016**	ug/L	0.081	0.016	1	08/03/17 12:31	08/04/17 10:39	193-39-5	
1-Methylnaphthalene	**<0.0054**	ug/L	0.027	0.0054	1	08/03/17 12:31	08/04/17 10:39	90-12-0	
2-Methylnaphthalene	**<0.0045**	ug/L	0.022	0.0045	1	08/03/17 12:31	08/04/17 10:39	91-57-6	
Naphthalene	**<0.017**	ug/L	0.084	0.017	1	08/03/17 12:31	08/04/17 10:39	91-20-3	
Phenanthrene	**0.028J**	ug/L	0.063	0.013	1	08/03/17 12:31	08/04/17 10:39	85-01-8	
Pyrene	**0.060**	ug/L	0.035	0.0070	1	08/03/17 12:31	08/04/17 10:39	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	47	%	35-84		1	08/03/17 12:31	08/04/17 10:39	321-60-8	
Terphenyl-d14 (S)	58	%	10-129		1	08/03/17 12:31	08/04/17 10:39	1718-51-0	
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<0.50**	ug/L	1.0	0.50	1		08/03/17 19:37	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		08/03/17 19:37	108-86-1	
Bromochloromethane	**<0.34**	ug/L	1.0	0.34	1		08/03/17 19:37	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		08/03/17 19:37	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		08/03/17 19:37	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		08/03/17 19:37	74-83-9	
n-Butylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/03/17 19:37	104-51-8	
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		08/03/17 19:37	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		08/03/17 19:37	98-06-6	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		08/03/17 19:37	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/03/17 19:37	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		08/03/17 19:37	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		08/03/17 19:37	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		08/03/17 19:37	74-87-3	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		08/03/17 19:37	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		08/03/17 19:37	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		08/03/17 19:37	96-12-8	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		08/03/17 19:37	124-48-1	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		08/03/17 19:37	106-93-4	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		08/03/17 19:37	74-95-3	

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ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154221

Sample: SB-10-S **Lab ID: 40154221005** Collected: 07/28/17 17:10 Received: 08/01/17 09:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/03/17 19:37	95-50-1	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/03/17 19:37	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/03/17 19:37	106-46-7	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		08/03/17 19:37	75-71-8	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		08/03/17 19:37	75-34-3	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		08/03/17 19:37	107-06-2	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		08/03/17 19:37	75-35-4	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		08/03/17 19:37	156-59-2	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		08/03/17 19:37	156-60-5	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		08/03/17 19:37	78-87-5	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		08/03/17 19:37	142-28-9	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		08/03/17 19:37	594-20-7	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		08/03/17 19:37	563-58-6	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		08/03/17 19:37	10061-01-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		08/03/17 19:37	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		08/03/17 19:37	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/03/17 19:37	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		08/03/17 19:37	87-68-3	
Isopropylbenzene (Cumene)	**<0.14**	ug/L	1.0	0.14	1		08/03/17 19:37	98-82-8	
p-Isopropyltoluene	**<0.50**	ug/L	1.0	0.50	1		08/03/17 19:37	99-87-6	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		08/03/17 19:37	75-09-2	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		08/03/17 19:37	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		08/03/17 19:37	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/03/17 19:37	103-65-1	
Styrene	**<0.50**	ug/L	1.0	0.50	1		08/03/17 19:37	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		08/03/17 19:37	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.25**	ug/L	1.0	0.25	1		08/03/17 19:37	79-34-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		08/03/17 19:37	127-18-4	
Toluene	**<0.50**	ug/L	1.0	0.50	1		08/03/17 19:37	108-88-3	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		08/03/17 19:37	87-61-6	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		08/03/17 19:37	120-82-1	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		08/03/17 19:37	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		08/03/17 19:37	79-00-5	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		08/03/17 19:37	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		08/03/17 19:37	75-69-4	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		08/03/17 19:37	96-18-4	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/03/17 19:37	95-63-6	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/03/17 19:37	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		08/03/17 19:37	75-01-4	
m&p-Xylene	**<1.0**	ug/L	2.0	1.0	1		08/03/17 19:37	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		08/03/17 19:37	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	95	%	61-130		1		08/03/17 19:37	460-00-4	
Dibromofluoromethane (S)	102	%	67-130		1		08/03/17 19:37	1868-53-7	
Toluene-d8 (S)	100	%	70-130		1		08/03/17 19:37	2037-26-5	

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ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154221

Sample: SB-11-S **Lab ID: 40154221006** Collected: 07/31/17 09:15 Received: 08/01/17 09:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Lead	**54.9**	ug/L	13.0	4.3	1	08/03/17 14:11	08/04/17 11:35	7439-92-1	
8270 MSSV PAH by HVI	Analytical Method: EPA 8270 by HVI Preparation Method: EPA 3510								
Acenaphthene	**<0.17**	ug/L	0.87	0.17	30	08/04/17 08:13	08/04/17 18:37	83-32-9	
Acenaphthylene	**<0.14**	ug/L	0.71	0.14	30	08/04/17 08:13	08/04/17 18:37	208-96-8	
Anthracene	**<0.30**	ug/L	1.5	0.30	30	08/04/17 08:13	08/04/17 18:37	120-12-7	
Benzo(a)anthracene	**<0.22**	ug/L	1.1	0.22	30	08/04/17 08:13	08/04/17 18:37	56-55-3	
Benzo(a)pyrene	**<0.30**	ug/L	1.5	0.30	30	08/04/17 08:13	08/04/17 18:37	50-32-8	
Benzo(b)fluoranthene	**<0.16**	ug/L	0.82	0.16	30	08/04/17 08:13	08/04/17 18:37	205-99-2	
Benzo(g,h,i)perylene	**<0.19**	ug/L	0.97	0.19	30	08/04/17 08:13	08/04/17 18:37	191-24-2	
Benzo(k)fluoranthene	**<0.22**	ug/L	1.1	0.22	30	08/04/17 08:13	08/04/17 18:37	207-08-9	
Chrysene	**<0.37**	ug/L	1.9	0.37	30	08/04/17 08:13	08/04/17 18:37	218-01-9	
Dibenz(a,h)anthracene	**<0.29**	ug/L	1.4	0.29	30	08/04/17 08:13	08/04/17 18:37	53-70-3	
Fluoranthene	**<0.30**	ug/L	1.5	0.30	30	08/04/17 08:13	08/04/17 18:37	206-44-0	
Fluorene	**0.41J**	ug/L	1.1	0.23	30	08/04/17 08:13	08/04/17 18:37	86-73-7	
Indeno(1,2,3-cd)pyrene	**<0.50**	ug/L	2.5	0.50	30	08/04/17 08:13	08/04/17 18:37	193-39-5	
1-Methylnaphthalene	**32.3**	ug/L	0.84	0.17	30	08/04/17 08:13	08/04/17 18:37	90-12-0	
2-Methylnaphthalene	**75.4**	ug/L	0.70	0.14	30	08/04/17 08:13	08/04/17 18:37	91-57-6	
Naphthalene	**290**	ug/L	2.6	0.52	30	08/04/17 08:13	08/04/17 18:37	91-20-3	
Phenanthrene	**0.49J**	ug/L	2.0	0.39	30	08/04/17 08:13	08/04/17 18:37	85-01-8	
Pyrene	**0.41J**	ug/L	1.1	0.22	30	08/04/17 08:13	08/04/17 18:37	129-00-0	B
Surrogates									
2-Fluorobiphenyl (S)	15	%	35-84		30	08/04/17 08:13	08/04/17 18:37	321-60-8	S4
Terphenyl-d14 (S)	8	%	10-129		30	08/04/17 08:13	08/04/17 18:37	1718-51-0	S4
8260 MSV	Analytical Method: EPA 8260								
Benzene	**1770**	ug/L	250	125	250		08/03/17 18:20	71-43-2	
Bromobenzene	**<57.5**	ug/L	250	57.5	250		08/03/17 18:20	108-86-1	
Bromochloromethane	**<85.1**	ug/L	250	85.1	250		08/03/17 18:20	74-97-5	
Bromodichloromethane	**<125**	ug/L	250	125	250		08/03/17 18:20	75-27-4	
Bromoform	**<125**	ug/L	250	125	250		08/03/17 18:20	75-25-2	
Bromomethane	**<609**	ug/L	1250	609	250		08/03/17 18:20	74-83-9	
n-Butylbenzene	**<125**	ug/L	250	125	250		08/03/17 18:20	104-51-8	
sec-Butylbenzene	**<547**	ug/L	1250	547	250		08/03/17 18:20	135-98-8	
tert-Butylbenzene	**<45.1**	ug/L	250	45.1	250		08/03/17 18:20	98-06-6	
Carbon tetrachloride	**<125**	ug/L	250	125	250		08/03/17 18:20	56-23-5	
Chlorobenzene	**<125**	ug/L	250	125	250		08/03/17 18:20	108-90-7	
Chloroethane	**<93.6**	ug/L	250	93.6	250		08/03/17 18:20	75-00-3	
Chloroform	**<625**	ug/L	1250	625	250		08/03/17 18:20	67-66-3	
Chloromethane	**<125**	ug/L	250	125	250		08/03/17 18:20	74-87-3	
2-Chlorotoluene	**<125**	ug/L	250	125	250		08/03/17 18:20	95-49-8	
4-Chlorotoluene	**<53.4**	ug/L	250	53.4	250		08/03/17 18:20	106-43-4	
1,2-Dibromo-3-chloropropane	**<541**	ug/L	1250	541	250		08/03/17 18:20	96-12-8	
Dibromochloromethane	**<125**	ug/L	250	125	250		08/03/17 18:20	124-48-1	
1,2-Dibromoethane (EDB)	**<44.4**	ug/L	250	44.4	250		08/03/17 18:20	106-93-4	
Dibromomethane	**<107**	ug/L	250	107	250		08/03/17 18:20	74-95-3	

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ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154221

Sample: SB-11-S **Lab ID: 40154221006** Collected: 07/31/17 09:15 Received: 08/01/17 09:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,2-Dichlorobenzene	**<125**	ug/L	250	125	250		08/03/17 18:20	95-50-1	
1,3-Dichlorobenzene	**<125**	ug/L	250	125	250		08/03/17 18:20	541-73-1	
1,4-Dichlorobenzene	**<125**	ug/L	250	125	250		08/03/17 18:20	106-46-7	
Dichlorodifluoromethane	**<56.0**	ug/L	250	56.0	250		08/03/17 18:20	75-71-8	
1,1-Dichloroethane	**<60.4**	ug/L	250	60.4	250		08/03/17 18:20	75-34-3	
1,2-Dichloroethane	**<42.0**	ug/L	250	42.0	250		08/03/17 18:20	107-06-2	
1,1-Dichloroethene	**<103**	ug/L	250	103	250		08/03/17 18:20	75-35-4	
cis-1,2-Dichloroethene	**<64.0**	ug/L	250	64.0	250		08/03/17 18:20	156-59-2	
trans-1,2-Dichloroethene	**<64.1**	ug/L	250	64.1	250		08/03/17 18:20	156-60-5	
1,2-Dichloropropane	**<58.3**	ug/L	250	58.3	250		08/03/17 18:20	78-87-5	
1,3-Dichloropropane	**<125**	ug/L	250	125	250		08/03/17 18:20	142-28-9	
2,2-Dichloropropane	**<121**	ug/L	250	121	250		08/03/17 18:20	594-20-7	
1,1-Dichloropropene	**<110**	ug/L	250	110	250		08/03/17 18:20	563-58-6	
cis-1,3-Dichloropropene	**<125**	ug/L	250	125	250		08/03/17 18:20	10061-01-5	
trans-1,3-Dichloropropene	**<57.4**	ug/L	250	57.4	250		08/03/17 18:20	10061-02-6	
Diisopropyl ether	**<125**	ug/L	250	125	250		08/03/17 18:20	108-20-3	
Ethylbenzene	**2700**	ug/L	250	125	250		08/03/17 18:20	100-41-4	
Hexachloro-1,3-butadiene	**<526**	ug/L	1250	526	250		08/03/17 18:20	87-68-3	
Isopropylbenzene (Cumene)	**75.8J**	ug/L	250	35.8	250		08/03/17 18:20	98-82-8	
p-Isopropyltoluene	**<125**	ug/L	250	125	250		08/03/17 18:20	99-87-6	
Methylene Chloride	**<58.1**	ug/L	250	58.1	250		08/03/17 18:20	75-09-2	
Methyl-tert-butyl ether	**<43.6**	ug/L	250	43.6	250		08/03/17 18:20	1634-04-4	
Naphthalene	**<625**	ug/L	1250	625	250		08/03/17 18:20	91-20-3	
n-Propylbenzene	**229J**	ug/L	250	125	250		08/03/17 18:20	103-65-1	
Styrene	**<125**	ug/L	250	125	250		08/03/17 18:20	100-42-5	
1,1,1,2-Tetrachloroethane	**<45.1**	ug/L	250	45.1	250		08/03/17 18:20	630-20-6	
1,1,2,2-Tetrachloroethane	**<62.3**	ug/L	250	62.3	250		08/03/17 18:20	79-34-5	
Tetrachloroethene	**<125**	ug/L	250	125	250		08/03/17 18:20	127-18-4	
Toluene	**12900**	ug/L	250	125	250		08/03/17 18:20	108-88-3	
1,2,3-Trichlorobenzene	**<533**	ug/L	1250	533	250		08/03/17 18:20	87-61-6	
1,2,4-Trichlorobenzene	**<552**	ug/L	1250	552	250		08/03/17 18:20	120-82-1	
1,1,1-Trichloroethane	**<125**	ug/L	250	125	250		08/03/17 18:20	71-55-6	
1,1,2-Trichloroethane	**<49.3**	ug/L	250	49.3	250		08/03/17 18:20	79-00-5	
Trichloroethene	**<82.7**	ug/L	250	82.7	250		08/03/17 18:20	79-01-6	
Trichlorofluoromethane	**<46.2**	ug/L	250	46.2	250		08/03/17 18:20	75-69-4	
1,2,3-Trichloropropane	**<125**	ug/L	250	125	250		08/03/17 18:20	96-18-4	
1,2,4-Trimethylbenzene	**1620**	ug/L	250	125	250		08/03/17 18:20	95-63-6	
1,3,5-Trimethylbenzene	**485**	ug/L	250	125	250		08/03/17 18:20	108-67-8	
Vinyl chloride	**<43.9**	ug/L	250	43.9	250		08/03/17 18:20	75-01-4	
m&p-Xylene	**9460**	ug/L	500	250	250		08/03/17 18:20	179601-23-1	
o-Xylene	**4610**	ug/L	250	125	250		08/03/17 18:20	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	95	%	61-130		250		08/03/17 18:20	460-00-4	
Dibromofluoromethane (S)	111	%	67-130		250		08/03/17 18:20	1868-53-7	
Toluene-d8 (S)	97	%	70-130		250		08/03/17 18:20	2037-26-5	

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ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154221

Sample: SB-19-S **Lab ID: 40154221007** Collected: 07/31/17 10:00 Received: 08/01/17 09:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**13.5J**	ug/L	25.0	8.3	1	08/03/17 14:11	08/04/17 11:37	7440-38-2	
Barium	**432**	ug/L	5.0	1.5	1	08/03/17 14:11	08/04/17 11:37	7440-39-3	
Cadmium	**<1.3**	ug/L	5.0	1.3	1	08/03/17 14:11	08/04/17 11:37	7440-43-9	
Chromium	**35.5**	ug/L	10.0	2.5	1	08/03/17 14:11	08/04/17 11:37	7440-47-3	
Lead	**226**	ug/L	13.0	4.3	1	08/03/17 14:11	08/04/17 11:37	7439-92-1	
Selenium	**<16.6**	ug/L	50.0	16.6	1	08/03/17 14:11	08/04/17 11:37	7782-49-2	
Silver	**<3.3**	ug/L	10.0	3.3	1	08/03/17 14:11	08/04/17 11:37	7440-22-4	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**<0.13**	ug/L	0.42	0.13	1	08/07/17 12:30	08/08/17 08:39	7439-97-6	
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510								
1,2,4-Trichlorobenzene	**<1.9**	ug/L	6.5	1.9	1	08/03/17 08:01	08/04/17 11:08	120-82-1	
1,2-Dichlorobenzene	**<1.8**	ug/L	6.1	1.8	1	08/03/17 08:01	08/04/17 11:08	95-50-1	
1,3-Dichlorobenzene	**<1.8**	ug/L	6.0	1.8	1	08/03/17 08:01	08/04/17 11:08	541-73-1	
1,4-Dichlorobenzene	**<1.8**	ug/L	6.0	1.8	1	08/03/17 08:01	08/04/17 11:08	106-46-7	
2,2'-Oxybis(1-chloropropane)	**<1.5**	ug/L	4.8	1.5	1	08/03/17 08:01	08/04/17 11:08	108-60-1	
2,4,5-Trichlorophenol	**<0.80**	ug/L	2.7	0.80	1	08/03/17 08:01	08/04/17 11:08	95-95-4	
2,4,6-Trichlorophenol	**<2.0**	ug/L	6.7	2.0	1	08/03/17 08:01	08/04/17 11:08	88-06-2	
2,4-Dichlorophenol	**<1.3**	ug/L	4.3	1.3	1	08/03/17 08:01	08/04/17 11:08	120-83-2	
2,4-Dimethylphenol	**<1.2**	ug/L	4.0	1.2	1	08/03/17 08:01	08/04/17 11:08	105-67-9	
2,4-Dinitrophenol	**<0.68**	ug/L	2.3	0.68	1	08/03/17 08:01	08/04/17 11:08	51-28-5	
2,4-Dinitrotoluene	**<0.75**	ug/L	2.5	0.75	1	08/03/17 08:01	08/04/17 11:08	121-14-2	
2,6-Dinitrotoluene	**<0.57**	ug/L	1.9	0.57	1	08/03/17 08:01	08/04/17 11:08	606-20-2	
2-Chloronaphthalene	**<1.6**	ug/L	5.2	1.6	1	08/03/17 08:01	08/04/17 11:08	91-58-7	
2-Chlorophenol	**<1.1**	ug/L	3.7	1.1	1	08/03/17 08:01	08/04/17 11:08	95-57-8	
2-Methylnaphthalene	**<1.4**	ug/L	4.8	1.4	1	08/03/17 08:01	08/04/17 11:08	91-57-6	
2-Methylphenol(o-Cresol)	**<0.83**	ug/L	2.8	0.83	1	08/03/17 08:01	08/04/17 11:08	95-48-7	
2-Nitroaniline	**<0.74**	ug/L	2.5	0.74	1	08/03/17 08:01	08/04/17 11:08	88-74-4	
2-Nitrophenol	**<1.1**	ug/L	3.7	1.1	1	08/03/17 08:01	08/04/17 11:08	88-75-5	
3&4-Methylphenol(m&p Cresol)	**<1.5**	ug/L	5.0	1.5	1	08/03/17 08:01	08/04/17 11:08		
3,3'-Dichlorobenzidine	**<0.86**	ug/L	2.9	0.86	1	08/03/17 08:01	08/04/17 11:08	91-94-1	
3-Nitroaniline	**<0.92**	ug/L	3.1	0.92	1	08/03/17 08:01	08/04/17 11:08	99-09-2	
4,6-Dinitro-2-methylphenol	**<0.62**	ug/L	2.1	0.62	1	08/03/17 08:01	08/04/17 11:08	534-52-1	
4-Bromophenylphenyl ether	**<1.9**	ug/L	6.3	1.9	1	08/03/17 08:01	08/04/17 11:08	101-55-3	
4-Chloro-3-methylphenol	**<1.6**	ug/L	5.4	1.6	1	08/03/17 08:01	08/04/17 11:08	59-50-7	
4-Chloroaniline	**<1.0**	ug/L	3.5	1.0	1	08/03/17 08:01	08/04/17 11:08	106-47-8	
4-Chlorophenylphenyl ether	**<0.78**	ug/L	2.6	0.78	1	08/03/17 08:01	08/04/17 11:08	7005-72-3	
4-Nitroaniline	**<1.7**	ug/L	5.8	1.7	1	08/03/17 08:01	08/04/17 11:08	100-01-6	
4-Nitrophenol	**<1.0**	ug/L	3.3	1.0	1	08/03/17 08:01	08/04/17 11:08	100-02-7	
Acenaphthene	**<1.3**	ug/L	4.3	1.3	1	08/03/17 08:01	08/04/17 11:08	83-32-9	
Acenaphthylene	**<1.0**	ug/L	3.4	1.0	1	08/03/17 08:01	08/04/17 11:08	208-96-8	
Anthracene	**<1.7**	ug/L	5.7	1.7	1	08/03/17 08:01	08/04/17 11:08	120-12-7	
Benzo(a)anthracene	**2.9**	ug/L	1.7	0.51	1	08/03/17 08:01	08/04/17 11:08	56-55-3	
Benzo(a)pyrene	**2.2J**	ug/L	6.0	1.8	1	08/03/17 08:01	08/04/17 11:08	50-32-8	
Benzo(b)fluoranthene	**2.7**	ug/L	2.1	0.62	1	08/03/17 08:01	08/04/17 11:08	205-99-2	

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Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154221

Sample: SB-19-S **Lab ID: 40154221007** Collected: 07/31/17 10:00 Received: 08/01/17 09:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510								
Benzo(g,h,i)perylene	**1.4J**	ug/L	2.6	0.77	1	08/03/17 08:01	08/04/17 11:08	191-24-2	
Benzo(k)fluoranthene	**1.3J**	ug/L	3.2	0.95	1	08/03/17 08:01	08/04/17 11:08	207-08-9	
Butylbenzylphthalate	**<0.74**	ug/L	2.5	0.74	1	08/03/17 08:01	08/04/17 11:08	85-68-7	
Carbazole	**<0.71**	ug/L	2.4	0.71	1	08/03/17 08:01	08/04/17 11:08	86-74-8	
Chrysene	**2.8J**	ug/L	5.5	1.7	1	08/03/17 08:01	08/04/17 11:08	218-01-9	
Di-n-butylphthalate	**<2.4**	ug/L	8.1	2.4	1	08/03/17 08:01	08/04/17 11:08	84-74-2	
Di-n-octylphthalate	**<1.8**	ug/L	6.0	1.8	1	08/03/17 08:01	08/04/17 11:08	117-84-0	
Dibenz(a,h)anthracene	**<1.3**	ug/L	4.2	1.3	1	08/03/17 08:01	08/04/17 11:08	53-70-3	
Dibenzofuran	**<0.73**	ug/L	2.4	0.73	1	08/03/17 08:01	08/04/17 11:08	132-64-9	
Diethylphthalate	**<1.0**	ug/L	3.4	1.0	1	08/03/17 08:01	08/04/17 11:08	84-66-2	
Dimethylphthalate	**<1.8**	ug/L	6.1	1.8	1	08/03/17 08:01	08/04/17 11:08	131-11-3	
Fluoranthene	**9.6**	ug/L	1.8	0.54	1	08/03/17 08:01	08/04/17 11:08	206-44-0	
Fluorene	**<0.71**	ug/L	2.4	0.71	1	08/03/17 08:01	08/04/17 11:08	86-73-7	
Hexachloro-1,3-butadiene	**<2.3**	ug/L	7.8	2.3	1	08/03/17 08:01	08/04/17 11:08	87-68-3	
Hexachlorobenzene	**<1.6**	ug/L	5.4	1.6	1	08/03/17 08:01	08/04/17 11:08	118-74-1	
Hexachlorocyclopentadiene	**<0.65**	ug/L	2.2	0.65	1	08/03/17 08:01	08/04/17 11:08	77-47-4	
Hexachloroethane	**<2.5**	ug/L	8.4	2.5	1	08/03/17 08:01	08/04/17 11:08	67-72-1	
Indeno(1,2,3-cd)pyrene	**<1.4**	ug/L	4.8	1.4	1	08/03/17 08:01	08/04/17 11:08	193-39-5	
Isophorone	**<0.70**	ug/L	2.3	0.70	1	08/03/17 08:01	08/04/17 11:08	78-59-1	
N-Nitroso-di-n-propylamine	**<0.92**	ug/L	3.1	0.92	1	08/03/17 08:01	08/04/17 11:08	621-64-7	
N-Nitrosodiphenylamine	**<3.4**	ug/L	11.2	3.4	1	08/03/17 08:01	08/04/17 11:08	86-30-6	
Naphthalene	**<1.8**	ug/L	6.0	1.8	1	08/03/17 08:01	08/04/17 11:08	91-20-3	
Nitrobenzene	**<1.4**	ug/L	4.6	1.4	1	08/03/17 08:01	08/04/17 11:08	98-95-3	
Pentachlorophenol	**<1.4**	ug/L	4.6	1.4	1	08/03/17 08:01	08/04/17 11:08	87-86-5	
Phenanthrene	**2.0J**	ug/L	5.8	1.7	1	08/03/17 08:01	08/04/17 11:08	85-01-8	
Phenol	**<0.57**	ug/L	1.9	0.57	1	08/03/17 08:01	08/04/17 11:08	108-95-2	
Pyrene	**7.8**	ug/L	4.3	1.3	1	08/03/17 08:01	08/04/17 11:08	129-00-0	
bis(2-Chloroethoxy)methane	**<0.95**	ug/L	3.2	0.95	1	08/03/17 08:01	08/04/17 11:08	111-91-1	
bis(2-Chloroethyl) ether	**<1.5**	ug/L	5.0	1.5	1	08/03/17 08:01	08/04/17 11:08	111-44-4	
bis(2-Ethylhexyl)phthalate	**<0.66**	ug/L	2.2	0.66	1	08/03/17 08:01	08/04/17 11:08	117-81-7	
Surrogates									
Nitrobenzene-d5 (S)	96	%	53-100		1	08/03/17 08:01	08/04/17 11:08	4165-60-0	
2-Fluorobiphenyl (S)	93	%	59-109		1	08/03/17 08:01	08/04/17 11:08	321-60-8	
Terphenyl-d14 (S)	111	%	59-108		1	08/03/17 08:01	08/04/17 11:08	1718-51-0	S0
Phenol-d6 (S)	34	%	18-120		1	08/03/17 08:01	08/04/17 11:08	13127-88-3	
2-Fluorophenol (S)	55	%	27-67		1	08/03/17 08:01	08/04/17 11:08	367-12-4	
2,4,6-Tribromophenol (S)	120	%	65-140		1	08/03/17 08:01	08/04/17 11:08	118-79-6	
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<0.50**	ug/L	1.0	0.50	1		08/04/17 11:22	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		08/04/17 11:22	108-86-1	
Bromochloromethane	**<0.34**	ug/L	1.0	0.34	1		08/04/17 11:22	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		08/04/17 11:22	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		08/04/17 11:22	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		08/04/17 11:22	74-83-9	
n-Butylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/04/17 11:22	104-51-8	

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ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154221

Sample: SB-19-S **Lab ID: 40154221007** Collected: 07/31/17 10:00 Received: 08/01/17 09:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		08/04/17 11:22	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		08/04/17 11:22	98-06-6	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		08/04/17 11:22	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/04/17 11:22	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		08/04/17 11:22	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		08/04/17 11:22	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		08/04/17 11:22	74-87-3	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		08/04/17 11:22	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		08/04/17 11:22	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		08/04/17 11:22	96-12-8	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		08/04/17 11:22	124-48-1	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		08/04/17 11:22	106-93-4	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		08/04/17 11:22	74-95-3	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/04/17 11:22	95-50-1	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/04/17 11:22	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/04/17 11:22	106-46-7	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		08/04/17 11:22	75-71-8	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		08/04/17 11:22	75-34-3	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		08/04/17 11:22	107-06-2	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		08/04/17 11:22	75-35-4	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		08/04/17 11:22	156-59-2	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		08/04/17 11:22	156-60-5	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		08/04/17 11:22	78-87-5	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		08/04/17 11:22	142-28-9	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		08/04/17 11:22	594-20-7	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		08/04/17 11:22	563-58-6	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		08/04/17 11:22	10061-01-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		08/04/17 11:22	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		08/04/17 11:22	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/04/17 11:22	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		08/04/17 11:22	87-68-3	
Isopropylbenzene (Cumene)	**<0.14**	ug/L	1.0	0.14	1		08/04/17 11:22	98-82-8	
p-Isopropyltoluene	**<0.50**	ug/L	1.0	0.50	1		08/04/17 11:22	99-87-6	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		08/04/17 11:22	75-09-2	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		08/04/17 11:22	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		08/04/17 11:22	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/04/17 11:22	103-65-1	
Styrene	**<0.50**	ug/L	1.0	0.50	1		08/04/17 11:22	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		08/04/17 11:22	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.25**	ug/L	1.0	0.25	1		08/04/17 11:22	79-34-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		08/04/17 11:22	127-18-4	
Toluene	**<0.50**	ug/L	1.0	0.50	1		08/04/17 11:22	108-88-3	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		08/04/17 11:22	87-61-6	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		08/04/17 11:22	120-82-1	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		08/04/17 11:22	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		08/04/17 11:22	79-00-5	

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ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154221

Sample: SB-19-S **Lab ID: 40154221007** Collected: 07/31/17 10:00 Received: 08/01/17 09:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		08/04/17 11:22	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		08/04/17 11:22	75-69-4	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		08/04/17 11:22	96-18-4	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/04/17 11:22	95-63-6	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/04/17 11:22	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		08/04/17 11:22	75-01-4	
m&p-Xylene	**<1.0**	ug/L	2.0	1.0	1		08/04/17 11:22	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		08/04/17 11:22	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	88	%	61-130		1		08/04/17 11:22	460-00-4	
Dibromofluoromethane (S)	107	%	67-130		1		08/04/17 11:22	1868-53-7	
Toluene-d8 (S)	96	%	70-130		1		08/04/17 11:22	2037-26-5	

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ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154221

Sample: SB-23-S **Lab ID: 40154221008** Collected: 07/31/17 10:40 Received: 08/01/17 09:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**85.0**	ug/L	25.0	8.3	1	08/03/17 14:11	08/04/17 11:40	7440-38-2	
Barium	**1070**	ug/L	5.0	1.5	1	08/03/17 14:11	08/04/17 11:40	7440-39-3	
Cadmium	**<1.3**	ug/L	5.0	1.3	1	08/03/17 14:11	08/04/17 11:40	7440-43-9	
Chromium	**79.1**	ug/L	10.0	2.5	1	08/03/17 14:11	08/04/17 11:40	7440-47-3	
Lead	**41.1**	ug/L	13.0	4.3	1	08/03/17 14:11	08/04/17 11:40	7439-92-1	
Selenium	**<16.6**	ug/L	50.0	16.6	1	08/03/17 14:11	08/04/17 11:40	7782-49-2	
Silver	**<3.3**	ug/L	10.0	3.3	1	08/03/17 14:11	08/04/17 11:40	7440-22-4	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**<0.13**	ug/L	0.42	0.13	1	08/07/17 12:30	08/08/17 08:42	7439-97-6	
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510								
1,2,4-Trichlorobenzene	**<1.9**	ug/L	6.5	1.9	1	08/07/17 08:15	08/08/17 13:04	120-82-1	
1,2-Dichlorobenzene	**<1.8**	ug/L	6.1	1.8	1	08/07/17 08:15	08/08/17 13:04	95-50-1	
1,3-Dichlorobenzene	**<1.8**	ug/L	6.0	1.8	1	08/07/17 08:15	08/08/17 13:04	541-73-1	
1,4-Dichlorobenzene	**<1.8**	ug/L	6.0	1.8	1	08/07/17 08:15	08/08/17 13:04	106-46-7	
2,2'-Oxybis(1-chloropropane)	**<1.5**	ug/L	4.8	1.5	1	08/07/17 08:15	08/08/17 13:04	108-60-1	
2,4,5-Trichlorophenol	**<0.80**	ug/L	2.7	0.80	1	08/07/17 08:15	08/08/17 13:04	95-95-4	
2,4,6-Trichlorophenol	**<2.0**	ug/L	6.7	2.0	1	08/07/17 08:15	08/08/17 13:04	88-06-2	
2,4-Dichlorophenol	**<1.3**	ug/L	4.3	1.3	1	08/07/17 08:15	08/08/17 13:04	120-83-2	
2,4-Dimethylphenol	**<1.2**	ug/L	4.0	1.2	1	08/07/17 08:15	08/08/17 13:04	105-67-9	
2,4-Dinitrophenol	**<0.68**	ug/L	2.3	0.68	1	08/07/17 08:15	08/08/17 13:04	51-28-5	
2,4-Dinitrotoluene	**<0.75**	ug/L	2.5	0.75	1	08/07/17 08:15	08/08/17 13:04	121-14-2	
2,6-Dinitrotoluene	**<0.57**	ug/L	1.9	0.57	1	08/07/17 08:15	08/08/17 13:04	606-20-2	
2-Chloronaphthalene	**<1.6**	ug/L	5.2	1.6	1	08/07/17 08:15	08/08/17 13:04	91-58-7	
2-Chlorophenol	**<1.1**	ug/L	3.7	1.1	1	08/07/17 08:15	08/08/17 13:04	95-57-8	
2-Methylnaphthalene	**<1.4**	ug/L	4.8	1.4	1	08/07/17 08:15	08/08/17 13:04	91-57-6	
2-Methylphenol(o-Cresol)	**<0.83**	ug/L	2.8	0.83	1	08/07/17 08:15	08/08/17 13:04	95-48-7	
2-Nitroaniline	**<0.74**	ug/L	2.5	0.74	1	08/07/17 08:15	08/08/17 13:04	88-74-4	
2-Nitrophenol	**<1.1**	ug/L	3.7	1.1	1	08/07/17 08:15	08/08/17 13:04	88-75-5	
3&4-Methylphenol(m&p Cresol)	**<1.5**	ug/L	5.0	1.5	1	08/07/17 08:15	08/08/17 13:04		
3,3'-Dichlorobenzidine	**<0.86**	ug/L	2.9	0.86	1	08/07/17 08:15	08/08/17 13:04	91-94-1	
3-Nitroaniline	**<0.92**	ug/L	3.1	0.92	1	08/07/17 08:15	08/08/17 13:04	99-09-2	
4,6-Dinitro-2-methylphenol	**<0.62**	ug/L	2.1	0.62	1	08/07/17 08:15	08/08/17 13:04	534-52-1	
4-Bromophenylphenyl ether	**<1.9**	ug/L	6.3	1.9	1	08/07/17 08:15	08/08/17 13:04	101-55-3	
4-Chloro-3-methylphenol	**<1.6**	ug/L	5.4	1.6	1	08/07/17 08:15	08/08/17 13:04	59-50-7	
4-Chloroaniline	**<1.0**	ug/L	3.5	1.0	1	08/07/17 08:15	08/08/17 13:04	106-47-8	
4-Chlorophenylphenyl ether	**<0.78**	ug/L	2.6	0.78	1	08/07/17 08:15	08/08/17 13:04	7005-72-3	
4-Nitroaniline	**<1.7**	ug/L	5.8	1.7	1	08/07/17 08:15	08/08/17 13:04	100-01-6	
4-Nitrophenol	**<1.0**	ug/L	3.3	1.0	1	08/07/17 08:15	08/08/17 13:04	100-02-7	
Acenaphthene	**<1.3**	ug/L	4.3	1.3	1	08/07/17 08:15	08/08/17 13:04	83-32-9	
Acenaphthylene	**<1.0**	ug/L	3.4	1.0	1	08/07/17 08:15	08/08/17 13:04	208-96-8	
Anthracene	**<1.7**	ug/L	5.7	1.7	1	08/07/17 08:15	08/08/17 13:04	120-12-7	
Benzo(a)anthracene	**<0.51**	ug/L	1.7	0.51	1	08/07/17 08:15	08/08/17 13:04	56-55-3	
Benzo(a)pyrene	**<1.8**	ug/L	6.0	1.8	1	08/07/17 08:15	08/08/17 13:04	50-32-8	
Benzo(b)fluoranthene	**<0.62**	ug/L	2.1	0.62	1	08/07/17 08:15	08/08/17 13:04	205-99-2	

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ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154221

Sample: SB-23-S **Lab ID: 40154221008** Collected: 07/31/17 10:40 Received: 08/01/17 09:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510								
Benzo(g,h,i)perylene	**<0.77**	ug/L	2.6	0.77	1	08/07/17 08:15	08/08/17 13:04	191-24-2	
Benzo(k)fluoranthene	**<0.95**	ug/L	3.2	0.95	1	08/07/17 08:15	08/08/17 13:04	207-08-9	
Butylbenzylphthalate	**<0.74**	ug/L	2.5	0.74	1	08/07/17 08:15	08/08/17 13:04	85-68-7	
Carbazole	**<0.71**	ug/L	2.4	0.71	1	08/07/17 08:15	08/08/17 13:04	86-74-8	
Chrysene	**<1.7**	ug/L	5.5	1.7	1	08/07/17 08:15	08/08/17 13:04	218-01-9	
Di-n-butylphthalate	**<2.4**	ug/L	8.1	2.4	1	08/07/17 08:15	08/08/17 13:04	84-74-2	
Di-n-octylphthalate	**<1.8**	ug/L	6.0	1.8	1	08/07/17 08:15	08/08/17 13:04	117-84-0	
Dibenz(a,h)anthracene	**<1.3**	ug/L	4.2	1.3	1	08/07/17 08:15	08/08/17 13:04	53-70-3	
Dibenzofuran	**<0.73**	ug/L	2.4	0.73	1	08/07/17 08:15	08/08/17 13:04	132-64-9	
Diethylphthalate	**<1.0**	ug/L	3.4	1.0	1	08/07/17 08:15	08/08/17 13:04	84-66-2	
Dimethylphthalate	**<1.8**	ug/L	6.1	1.8	1	08/07/17 08:15	08/08/17 13:04	131-11-3	
Fluoranthene	**<0.54**	ug/L	1.8	0.54	1	08/07/17 08:15	08/08/17 13:04	206-44-0	
Fluorene	**<0.71**	ug/L	2.4	0.71	1	08/07/17 08:15	08/08/17 13:04	86-73-7	
Hexachloro-1,3-butadiene	**<2.3**	ug/L	7.8	2.3	1	08/07/17 08:15	08/08/17 13:04	87-68-3	
Hexachlorobenzene	**<1.6**	ug/L	5.4	1.6	1	08/07/17 08:15	08/08/17 13:04	118-74-1	
Hexachlorocyclopentadiene	**<0.65**	ug/L	2.2	0.65	1	08/07/17 08:15	08/08/17 13:04	77-47-4	
Hexachloroethane	**<2.5**	ug/L	8.4	2.5	1	08/07/17 08:15	08/08/17 13:04	67-72-1	
Indeno(1,2,3-cd)pyrene	**<1.4**	ug/L	4.8	1.4	1	08/07/17 08:15	08/08/17 13:04	193-39-5	
Isophorone	**<0.70**	ug/L	2.3	0.70	1	08/07/17 08:15	08/08/17 13:04	78-59-1	
N-Nitroso-di-n-propylamine	**<0.92**	ug/L	3.1	0.92	1	08/07/17 08:15	08/08/17 13:04	621-64-7	
N-Nitrosodiphenylamine	**<3.4**	ug/L	11.2	3.4	1	08/07/17 08:15	08/08/17 13:04	86-30-6	
Naphthalene	**<1.8**	ug/L	6.0	1.8	1	08/07/17 08:15	08/08/17 13:04	91-20-3	
Nitrobenzene	**<1.4**	ug/L	4.6	1.4	1	08/07/17 08:15	08/08/17 13:04	98-95-3	
Pentachlorophenol	**<1.4**	ug/L	4.6	1.4	1	08/07/17 08:15	08/08/17 13:04	87-86-5	
Phenanthrene	**<1.7**	ug/L	5.8	1.7	1	08/07/17 08:15	08/08/17 13:04	85-01-8	
Phenol	**<0.57**	ug/L	1.9	0.57	1	08/07/17 08:15	08/08/17 13:04	108-95-2	
Pyrene	**<1.3**	ug/L	4.3	1.3	1	08/07/17 08:15	08/08/17 13:04	129-00-0	
bis(2-Chloroethoxy)methane	**<0.95**	ug/L	3.2	0.95	1	08/07/17 08:15	08/08/17 13:04	111-91-1	
bis(2-Chloroethyl) ether	**<1.5**	ug/L	5.0	1.5	1	08/07/17 08:15	08/08/17 13:04	111-44-4	
bis(2-Ethylhexyl)phthalate	**<0.66**	ug/L	2.2	0.66	1	08/07/17 08:15	08/08/17 13:04	117-81-7	
Surrogates									
Nitrobenzene-d5 (S)	86	%	53-100		1	08/07/17 08:15	08/08/17 13:04	4165-60-0	
2-Fluorobiphenyl (S)	69	%	59-109		1	08/07/17 08:15	08/08/17 13:04	321-60-8	
Terphenyl-d14 (S)	89	%	59-108		1	08/07/17 08:15	08/08/17 13:04	1718-51-0	
Phenol-d6 (S)	31	%	18-120		1	08/07/17 08:15	08/08/17 13:04	13127-88-3	
2-Fluorophenol (S)	50	%	27-67		1	08/07/17 08:15	08/08/17 13:04	367-12-4	
2,4,6-Tribromophenol (S)	89	%	65-140		1	08/07/17 08:15	08/08/17 13:04	118-79-6	
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<0.50**	ug/L	1.0	0.50	1		08/03/17 15:01	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		08/03/17 15:01	108-86-1	
Bromochloromethane	**<0.34**	ug/L	1.0	0.34	1		08/03/17 15:01	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		08/03/17 15:01	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		08/03/17 15:01	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		08/03/17 15:01	74-83-9	
n-Butylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/03/17 15:01	104-51-8	

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ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154221

Sample: SB-23-S **Lab ID: 40154221008** Collected: 07/31/17 10:40 Received: 08/01/17 09:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		08/03/17 15:01	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		08/03/17 15:01	98-06-6	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		08/03/17 15:01	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/03/17 15:01	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		08/03/17 15:01	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		08/03/17 15:01	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		08/03/17 15:01	74-87-3	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		08/03/17 15:01	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		08/03/17 15:01	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		08/03/17 15:01	96-12-8	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		08/03/17 15:01	124-48-1	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		08/03/17 15:01	106-93-4	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		08/03/17 15:01	74-95-3	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/03/17 15:01	95-50-1	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/03/17 15:01	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/03/17 15:01	106-46-7	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		08/03/17 15:01	75-71-8	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		08/03/17 15:01	75-34-3	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		08/03/17 15:01	107-06-2	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		08/03/17 15:01	75-35-4	
cis-1,2-Dichloroethene	**1.6**	ug/L	1.0	0.26	1		08/03/17 15:01	156-59-2	
trans-1,2-Dichloroethene	**0.34J**	ug/L	1.0	0.26	1		08/03/17 15:01	156-60-5	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		08/03/17 15:01	78-87-5	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		08/03/17 15:01	142-28-9	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		08/03/17 15:01	594-20-7	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		08/03/17 15:01	563-58-6	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		08/03/17 15:01	10061-01-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		08/03/17 15:01	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		08/03/17 15:01	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/03/17 15:01	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		08/03/17 15:01	87-68-3	
Isopropylbenzene (Cumene)	**<0.14**	ug/L	1.0	0.14	1		08/03/17 15:01	98-82-8	
p-Isopropyltoluene	**<0.50**	ug/L	1.0	0.50	1		08/03/17 15:01	99-87-6	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		08/03/17 15:01	75-09-2	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		08/03/17 15:01	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		08/03/17 15:01	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/03/17 15:01	103-65-1	
Styrene	**<0.50**	ug/L	1.0	0.50	1		08/03/17 15:01	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		08/03/17 15:01	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.25**	ug/L	1.0	0.25	1		08/03/17 15:01	79-34-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		08/03/17 15:01	127-18-4	
Toluene	**<0.50**	ug/L	1.0	0.50	1		08/03/17 15:01	108-88-3	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		08/03/17 15:01	87-61-6	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		08/03/17 15:01	120-82-1	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		08/03/17 15:01	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		08/03/17 15:01	79-00-5	

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ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154221

Sample: SB-23-S **Lab ID: 40154221008** Collected: 07/31/17 10:40 Received: 08/01/17 09:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		08/03/17 15:01	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		08/03/17 15:01	75-69-4	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		08/03/17 15:01	96-18-4	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/03/17 15:01	95-63-6	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/03/17 15:01	108-67-8	
Vinyl chloride	**0.91J**	ug/L	1.0	0.18	1		08/03/17 15:01	75-01-4	
m&p-Xylene	**<1.0**	ug/L	2.0	1.0	1		08/03/17 15:01	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		08/03/17 15:01	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	86	%	61-130		1		08/03/17 15:01	460-00-4	
Dibromofluoromethane (S)	104	%	67-130		1		08/03/17 15:01	1868-53-7	
Toluene-d8 (S)	95	%	70-130		1		08/03/17 15:01	2037-26-5	

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ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154221

Sample: SB-22-S **Lab ID: 40154221009** Collected: 07/31/17 12:05 Received: 08/01/17 09:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Lead	**157**	ug/L	13.0	4.3	1	08/03/17 14:11	08/04/17 11:42	7439-92-1	
8270 MSSV PAH by HVI	Analytical Method: EPA 8270 by HVI Preparation Method: EPA 3510								
Acenaphthene	**<0.0055**	ug/L	0.027	0.0055	1	08/04/17 08:13	08/04/17 20:31	83-32-9	
Acenaphthylene	**<0.0045**	ug/L	0.022	0.0045	1	08/04/17 08:13	08/04/17 20:31	208-96-8	
Anthracene	**<0.0094**	ug/L	0.047	0.0094	1	08/04/17 08:13	08/04/17 20:31	120-12-7	
Benzo(a)anthracene	**<0.0068**	ug/L	0.034	0.0068	1	08/04/17 08:13	08/04/17 20:31	56-55-3	
Benzo(a)pyrene	**<0.0095**	ug/L	0.047	0.0095	1	08/04/17 08:13	08/04/17 20:31	50-32-8	
Benzo(b)fluoranthene	**0.010J**	ug/L	0.026	0.0052	1	08/04/17 08:13	08/04/17 20:31	205-99-2	
Benzo(g,h,i)perylene	**<0.0061**	ug/L	0.031	0.0061	1	08/04/17 08:13	08/04/17 20:31	191-24-2	
Benzo(k)fluoranthene	**<0.0068**	ug/L	0.034	0.0068	1	08/04/17 08:13	08/04/17 20:31	207-08-9	
Chrysene	**0.013J**	ug/L	0.059	0.012	1	08/04/17 08:13	08/04/17 20:31	218-01-9	
Dibenz(a,h)anthracene	**<0.0090**	ug/L	0.045	0.0090	1	08/04/17 08:13	08/04/17 20:31	53-70-3	
Fluoranthene	**0.020J**	ug/L	0.048	0.0096	1	08/04/17 08:13	08/04/17 20:31	206-44-0	
Fluorene	**<0.0072**	ug/L	0.036	0.0072	1	08/04/17 08:13	08/04/17 20:31	86-73-7	
Indeno(1,2,3-cd)pyrene	**<0.016**	ug/L	0.079	0.016	1	08/04/17 08:13	08/04/17 20:31	193-39-5	
1-Methylnaphthalene	**<0.0053**	ug/L	0.027	0.0053	1	08/04/17 08:13	08/04/17 20:31	90-12-0	
2-Methylnaphthalene	**<0.0044**	ug/L	0.022	0.0044	1	08/04/17 08:13	08/04/17 20:31	91-57-6	
Naphthalene	**<0.017**	ug/L	0.083	0.017	1	08/04/17 08:13	08/04/17 20:31	91-20-3	
Phenanthrene	**<0.012**	ug/L	0.062	0.012	1	08/04/17 08:13	08/04/17 20:31	85-01-8	
Pyrene	**0.025J**	ug/L	0.034	0.0069	1	08/04/17 08:13	08/04/17 20:31	129-00-0	B
Surrogates									
2-Fluorobiphenyl (S)	35	%	35-84		1	08/04/17 08:13	08/04/17 20:31	321-60-8	
Terphenyl-d14 (S)	39	%	10-129		1	08/04/17 08:13	08/04/17 20:31	1718-51-0	
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<0.50**	ug/L	1.0	0.50	1		08/03/17 16:07	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		08/03/17 16:07	108-86-1	
Bromochloromethane	**<0.34**	ug/L	1.0	0.34	1		08/03/17 16:07	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		08/03/17 16:07	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		08/03/17 16:07	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		08/03/17 16:07	74-83-9	
n-Butylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/03/17 16:07	104-51-8	
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		08/03/17 16:07	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		08/03/17 16:07	98-06-6	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		08/03/17 16:07	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/03/17 16:07	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		08/03/17 16:07	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		08/03/17 16:07	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		08/03/17 16:07	74-87-3	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		08/03/17 16:07	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		08/03/17 16:07	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		08/03/17 16:07	96-12-8	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		08/03/17 16:07	124-48-1	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		08/03/17 16:07	106-93-4	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		08/03/17 16:07	74-95-3	

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1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154221

Sample: SB-22-S **Lab ID: 40154221009** Collected: 07/31/17 12:05 Received: 08/01/17 09:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/03/17 16:07	95-50-1	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/03/17 16:07	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/03/17 16:07	106-46-7	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		08/03/17 16:07	75-71-8	
1,1-Dichloroethane	**0.43J**	ug/L	1.0	0.24	1		08/03/17 16:07	75-34-3	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		08/03/17 16:07	107-06-2	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		08/03/17 16:07	75-35-4	
cis-1,2-Dichloroethene	**1.0**	ug/L	1.0	0.26	1		08/03/17 16:07	156-59-2	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		08/03/17 16:07	156-60-5	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		08/03/17 16:07	78-87-5	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		08/03/17 16:07	142-28-9	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		08/03/17 16:07	594-20-7	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		08/03/17 16:07	563-58-6	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		08/03/17 16:07	10061-01-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		08/03/17 16:07	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		08/03/17 16:07	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/03/17 16:07	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		08/03/17 16:07	87-68-3	
Isopropylbenzene (Cumene)	**<0.14**	ug/L	1.0	0.14	1		08/03/17 16:07	98-82-8	
p-Isopropyltoluene	**<0.50**	ug/L	1.0	0.50	1		08/03/17 16:07	99-87-6	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		08/03/17 16:07	75-09-2	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		08/03/17 16:07	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		08/03/17 16:07	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/03/17 16:07	103-65-1	
Styrene	**<0.50**	ug/L	1.0	0.50	1		08/03/17 16:07	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		08/03/17 16:07	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.25**	ug/L	1.0	0.25	1		08/03/17 16:07	79-34-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		08/03/17 16:07	127-18-4	
Toluene	**<0.50**	ug/L	1.0	0.50	1		08/03/17 16:07	108-88-3	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		08/03/17 16:07	87-61-6	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		08/03/17 16:07	120-82-1	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		08/03/17 16:07	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		08/03/17 16:07	79-00-5	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		08/03/17 16:07	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		08/03/17 16:07	75-69-4	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		08/03/17 16:07	96-18-4	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/03/17 16:07	95-63-6	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/03/17 16:07	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		08/03/17 16:07	75-01-4	
m&p-Xylene	**<1.0**	ug/L	2.0	1.0	1		08/03/17 16:07	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		08/03/17 16:07	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	87	%	61-130		1		08/03/17 16:07	460-00-4	
Dibromofluoromethane (S)	111	%	67-130		1		08/03/17 16:07	1868-53-7	pH
Toluene-d8 (S)	98	%	70-130		1		08/03/17 16:07	2037-26-5	

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ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154221

Sample: SB-14 3-4 **Lab ID: 40154221010** Collected: 07/28/17 14:05 Received: 08/01/17 09:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB	Analytical Method: EPA 8082 Preparation Method: EPA 3541								
PCB-1016 (Aroclor 1016)	**<38.2**	ug/kg	76.3	38.2	1	08/07/17 13:29	08/08/17 06:19	12674-11-2	
PCB-1221 (Aroclor 1221)	**<38.2**	ug/kg	76.3	38.2	1	08/07/17 13:29	08/08/17 06:19	11104-28-2	
PCB-1232 (Aroclor 1232)	**<38.2**	ug/kg	76.3	38.2	1	08/07/17 13:29	08/08/17 06:19	11141-16-5	
PCB-1242 (Aroclor 1242)	**<38.2**	ug/kg	76.3	38.2	1	08/07/17 13:29	08/08/17 06:19	53469-21-9	
PCB-1248 (Aroclor 1248)	**<38.2**	ug/kg	76.3	38.2	1	08/07/17 13:29	08/08/17 06:19	12672-29-6	
PCB-1254 (Aroclor 1254)	**<38.2**	ug/kg	76.3	38.2	1	08/07/17 13:29	08/08/17 06:19	11097-69-1	
PCB-1260 (Aroclor 1260)	**<38.2**	ug/kg	76.3	38.2	1	08/07/17 13:29	08/08/17 06:19	11096-82-5	
PCB, Total	**<38.2**	ug/kg	76.3	38.2	1	08/07/17 13:29	08/08/17 06:19	1336-36-3	
Surrogates									
Tetrachloro-m-xylene (S)	61	%	50-102		1	08/07/17 13:29	08/08/17 06:19	877-09-8	
Decachlorobiphenyl (S)	62	%	53-105		1	08/07/17 13:29	08/08/17 06:19	2051-24-3	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050								
Arsenic	**13.5**	mg/kg	7.4	1.6	1	08/02/17 14:07	08/04/17 08:40	7440-38-2	
Barium	**46.7**	mg/kg	0.74	0.22	1	08/02/17 14:07	08/04/17 08:40	7440-39-3	
Cadmium	**0.68J**	mg/kg	0.74	0.20	1	08/02/17 14:07	08/04/17 08:40	7440-43-9	
Chromium	**47.1**	mg/kg	1.5	0.41	1	08/02/17 14:07	08/04/17 08:40	7440-47-3	
Lead	**25.9**	mg/kg	1.9	0.64	1	08/02/17 14:07	08/04/17 08:40	7439-92-1	
Selenium	**<1.7**	mg/kg	7.4	1.7	1	08/02/17 14:07	08/04/17 08:40	7782-49-2	
Silver	**<0.51**	mg/kg	1.5	0.51	1	08/02/17 14:07	08/04/17 08:40	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471								
Mercury	**0.029J**	mg/kg	0.052	0.016	1	08/14/17 07:10	08/15/17 11:27	7439-97-6	
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546								
1,2,4-Trichlorobenzene	**<28.8**	ug/kg	96.2	28.8	1	08/03/17 10:50	08/04/17 16:27	120-82-1	
1,2-Dichlorobenzene	**<80.2**	ug/kg	267	80.2	1	08/03/17 10:50	08/04/17 16:27	95-50-1	
1,3-Dichlorobenzene	**<35.3**	ug/kg	118	35.3	1	08/03/17 10:50	08/04/17 16:27	541-73-1	
1,4-Dichlorobenzene	**<35.5**	ug/kg	118	35.5	1	08/03/17 10:50	08/04/17 16:27	106-46-7	
2,2'-Oxybis(1-chloropropane)	**<65.8**	ug/kg	219	65.8	1	08/03/17 10:50	08/04/17 16:27	108-60-1	
2,4,5-Trichlorophenol	**<45.1**	ug/kg	150	45.1	1	08/03/17 10:50	08/04/17 16:27	95-95-4	
2,4,6-Trichlorophenol	**<38.9**	ug/kg	130	38.9	1	08/03/17 10:50	08/04/17 16:27	88-06-2	
2,4-Dichlorophenol	**<68.2**	ug/kg	227	68.2	1	08/03/17 10:50	08/04/17 16:27	120-83-2	
2,4-Dimethylphenol	**<50.5**	ug/kg	168	50.5	1	08/03/17 10:50	08/04/17 16:27	105-67-9	
2,4-Dinitrophenol	**<77.7**	ug/kg	259	77.7	1	08/03/17 10:50	08/04/17 16:27	51-28-5	
2,4-Dinitrotoluene	**<36.5**	ug/kg	122	36.5	1	08/03/17 10:50	08/04/17 16:27	121-14-2	
2,6-Dinitrotoluene	**<48.4**	ug/kg	161	48.4	1	08/03/17 10:50	08/04/17 16:27	606-20-2	
2-Chloronaphthalene	**<32.8**	ug/kg	109	32.8	1	08/03/17 10:50	08/04/17 16:27	91-58-7	
2-Chlorophenol	**<63.7**	ug/kg	212	63.7	1	08/03/17 10:50	08/04/17 16:27	95-57-8	
2-Methylnaphthalene	**<66.3**	ug/kg	221	66.3	1	08/03/17 10:50	08/04/17 16:27	91-57-6	
2-Methylphenol(o-Cresol)	**<46.4**	ug/kg	155	46.4	1	08/03/17 10:50	08/04/17 16:27	95-48-7	
2-Nitroaniline	**<72.7**	ug/kg	242	72.7	1	08/03/17 10:50	08/04/17 16:27	88-74-4	
2-Nitrophenol	**<80.5**	ug/kg	268	80.5	1	08/03/17 10:50	08/04/17 16:27	88-75-5	
3&4-Methylphenol(m&p Cresol)	**<46.8**	ug/kg	156	46.8	1	08/03/17 10:50	08/04/17 16:27		
3,3'-Dichlorobenzidine	**<69.2**	ug/kg	231	69.2	1	08/03/17 10:50	08/04/17 16:27	91-94-1	

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ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154221

Sample: SB-14 3-4 **Lab ID: 40154221010** Collected: 07/28/17 14:05 Received: 08/01/17 09:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546								
3-Nitroaniline	**<43.4**	ug/kg	145	43.4	1	08/03/17 10:50	08/04/17 16:27	99-09-2	
4,6-Dinitro-2-methylphenol	**<78.7**	ug/kg	262	78.7	1	08/03/17 10:50	08/04/17 16:27	534-52-1	
4-Bromophenylphenyl ether	**<53.4**	ug/kg	178	53.4	1	08/03/17 10:50	08/04/17 16:27	101-55-3	
4-Chloro-3-methylphenol	**<79.4**	ug/kg	265	79.4	1	08/03/17 10:50	08/04/17 16:27	59-50-7	
4-Chloroaniline	**<41.9**	ug/kg	140	41.9	1	08/03/17 10:50	08/04/17 16:27	106-47-8	
4-Chlorophenylphenyl ether	**<47.5**	ug/kg	158	47.5	1	08/03/17 10:50	08/04/17 16:27	7005-72-3	
4-Nitroaniline	**<106**	ug/kg	353	106	1	08/03/17 10:50	08/04/17 16:27	100-01-6	
4-Nitrophenol	**<64.3**	ug/kg	214	64.3	1	08/03/17 10:50	08/04/17 16:27	100-02-7	
Acenaphthene	**247J**	ug/kg	302	90.5	1	08/03/17 10:50	08/04/17 16:27	83-32-9	
Acenaphthylene	**<91.0**	ug/kg	303	91.0	1	08/03/17 10:50	08/04/17 16:27	208-96-8	
Anthracene	**855**	ug/kg	136	40.8	1	08/03/17 10:50	08/04/17 16:27	120-12-7	
Benzo(a)anthracene	**2360**	ug/kg	132	39.5	1	08/03/17 10:50	08/04/17 16:27	56-55-3	
Benzo(a)pyrene	**2240**	ug/kg	128	38.4	1	08/03/17 10:50	08/04/17 16:27	50-32-8	
Benzo(b)fluoranthene	**2810**	ug/kg	146	43.8	1	08/03/17 10:50	08/04/17 16:27	205-99-2	
Benzo(g,h,i)perylene	**1400**	ug/kg	223	66.8	1	08/03/17 10:50	08/04/17 16:27	191-24-2	
Benzo(k)fluoranthene	**1060**	ug/kg	204	61.1	1	08/03/17 10:50	08/04/17 16:27	207-08-9	
Butylbenzylphthalate	**<40.9**	ug/kg	136	40.9	1	08/03/17 10:50	08/04/17 16:27	85-68-7	
Carbazole	**232**	ug/kg	133	40.0	1	08/03/17 10:50	08/04/17 16:27	86-74-8	
Chrysene	**2380**	ug/kg	127	38.2	1	08/03/17 10:50	08/04/17 16:27	218-01-9	
Di-n-butylphthalate	**<38.1**	ug/kg	127	38.1	1	08/03/17 10:50	08/04/17 16:27	84-74-2	
Di-n-octylphthalate	**<57.4**	ug/kg	191	57.4	1	08/03/17 10:50	08/04/17 16:27	117-84-0	
Dibenz(a,h)anthracene	**316**	ug/kg	231	69.3	1	08/03/17 10:50	08/04/17 16:27	53-70-3	
Dibenzofuran	**110**	ug/kg	103	30.9	1	08/03/17 10:50	08/04/17 16:27	132-64-9	
Diethylphthalate	**<42.3**	ug/kg	141	42.3	1	08/03/17 10:50	08/04/17 16:27	84-66-2	
Dimethylphthalate	**<33.2**	ug/kg	111	33.2	1	08/03/17 10:50	08/04/17 16:27	131-11-3	
Fluoranthene	**5350**	ug/kg	120	36.1	1	08/03/17 10:50	08/04/17 16:27	206-44-0	
Fluorene	**317**	ug/kg	99.4	29.8	1	08/03/17 10:50	08/04/17 16:27	86-73-7	
Hexachloro-1,3-butadiene	**<65.0**	ug/kg	217	65.0	1	08/03/17 10:50	08/04/17 16:27	87-68-3	
Hexachlorobenzene	**<42.9**	ug/kg	143	42.9	1	08/03/17 10:50	08/04/17 16:27	118-74-1	
Hexachlorocyclopentadiene	**<60.4**	ug/kg	201	60.4	1	08/03/17 10:50	08/04/17 16:27	77-47-4	
Hexachloroethane	**<40.8**	ug/kg	136	40.8	1	08/03/17 10:50	08/04/17 16:27	67-72-1	
Indeno(1,2,3-cd)pyrene	**1710**	ug/kg	184	55.2	1	08/03/17 10:50	08/04/17 16:27	193-39-5	
Isophorone	**<39.2**	ug/kg	131	39.2	1	08/03/17 10:50	08/04/17 16:27	78-59-1	
N-Nitroso-di-n-propylamine	**<40.5**	ug/kg	135	40.5	1	08/03/17 10:50	08/04/17 16:27	621-64-7	
N-Nitrosodiphenylamine	**<346**	ug/kg	1150	346	1	08/03/17 10:50	08/04/17 16:27	86-30-6	
Naphthalene	**<89.2**	ug/kg	297	89.2	1	08/03/17 10:50	08/04/17 16:27	91-20-3	
Nitrobenzene	**<51.7**	ug/kg	172	51.7	1	08/03/17 10:50	08/04/17 16:27	98-95-3	
Pentachlorophenol	**<56.2**	ug/kg	187	56.2	1	08/03/17 10:50	08/04/17 16:27	87-86-5	
Phenanthrene	**2530**	ug/kg	109	32.7	1	08/03/17 10:50	08/04/17 16:27	85-01-8	
Phenol	**<60.6**	ug/kg	202	60.6	1	08/03/17 10:50	08/04/17 16:27	108-95-2	
Pyrene	**3690**	ug/kg	189	56.6	1	08/03/17 10:50	08/04/17 16:27	129-00-0	
bis(2-Chloroethoxy)methane	**<68.7**	ug/kg	229	68.7	1	08/03/17 10:50	08/04/17 16:27	111-91-1	
bis(2-Chloroethyl) ether	**<79.7**	ug/kg	266	79.7	1	08/03/17 10:50	08/04/17 16:27	111-44-4	
bis(2-Ethylhexyl)phthalate	**<42.4**	ug/kg	141	42.4	1	08/03/17 10:50	08/04/17 16:27	117-81-7	

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ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154221

Sample: SB-14 3-4 **Lab ID: 40154221010** Collected: 07/28/17 14:05 Received: 08/01/17 09:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546								
Surrogates									
Nitrobenzene-d5 (S)	70	%	13-114		1	08/03/17 10:50	08/04/17 16:27	4165-60-0	
2-Fluorobiphenyl (S)	67	%	18-127		1	08/03/17 10:50	08/04/17 16:27	321-60-8	
Terphenyl-d14 (S)	80	%	41-109		1	08/03/17 10:50	08/04/17 16:27	1718-51-0	
Phenol-d6 (S)	70	%	30-97		1	08/03/17 10:50	08/04/17 16:27	13127-88-3	
2-Fluorophenol (S)	74	%	16-103		1	08/03/17 10:50	08/04/17 16:27	367-12-4	
2,4,6-Tribromophenol (S)	81	%	13-143		1	08/03/17 10:50	08/04/17 16:27	118-79-6	
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Benzene	**<50.0**	ug/kg	120	50.0	2	08/04/17 08:15	08/07/17 12:20	71-43-2	W
Bromobenzene	**<50.0**	ug/kg	120	50.0	2	08/04/17 08:15	08/07/17 12:20	108-86-1	W
Bromochloromethane	**<50.0**	ug/kg	120	50.0	2	08/04/17 08:15	08/07/17 12:20	74-97-5	W
Bromodichloromethane	**<50.0**	ug/kg	120	50.0	2	08/04/17 08:15	08/07/17 12:20	75-27-4	W
Bromoform	**<50.0**	ug/kg	120	50.0	2	08/04/17 08:15	08/07/17 12:20	75-25-2	W
Bromomethane	**<140**	ug/kg	500	140	2	08/04/17 08:15	08/07/17 12:20	74-83-9	W
n-Butylbenzene	**<50.0**	ug/kg	120	50.0	2	08/04/17 08:15	08/07/17 12:20	104-51-8	W
sec-Butylbenzene	**<50.0**	ug/kg	120	50.0	2	08/04/17 08:15	08/07/17 12:20	135-98-8	W
tert-Butylbenzene	**<50.0**	ug/kg	120	50.0	2	08/04/17 08:15	08/07/17 12:20	98-06-6	W
Carbon tetrachloride	**<50.0**	ug/kg	120	50.0	2	08/04/17 08:15	08/07/17 12:20	56-23-5	W
Chlorobenzene	**<50.0**	ug/kg	120	50.0	2	08/04/17 08:15	08/07/17 12:20	108-90-7	W
Chloroethane	**<134**	ug/kg	500	134	2	08/04/17 08:15	08/07/17 12:20	75-00-3	W
Chloroform	**<92.9**	ug/kg	500	92.9	2	08/04/17 08:15	08/07/17 12:20	67-66-3	W
Chloromethane	**<50.0**	ug/kg	120	50.0	2	08/04/17 08:15	08/07/17 12:20	74-87-3	W
2-Chlorotoluene	**<50.0**	ug/kg	120	50.0	2	08/04/17 08:15	08/07/17 12:20	95-49-8	W
4-Chlorotoluene	**<50.0**	ug/kg	120	50.0	2	08/04/17 08:15	08/07/17 12:20	106-43-4	W
1,2-Dibromo-3-chloropropane	**<182**	ug/kg	500	182	2	08/04/17 08:15	08/07/17 12:20	96-12-8	W
Dibromochloromethane	**<50.0**	ug/kg	120	50.0	2	08/04/17 08:15	08/07/17 12:20	124-48-1	W
1,2-Dibromoethane (EDB)	**<50.0**	ug/kg	120	50.0	2	08/04/17 08:15	08/07/17 12:20	106-93-4	W
Dibromomethane	**<50.0**	ug/kg	120	50.0	2	08/04/17 08:15	08/07/17 12:20	74-95-3	W
1,2-Dichlorobenzene	**<50.0**	ug/kg	120	50.0	2	08/04/17 08:15	08/07/17 12:20	95-50-1	W
1,3-Dichlorobenzene	**<50.0**	ug/kg	120	50.0	2	08/04/17 08:15	08/07/17 12:20	541-73-1	W
1,4-Dichlorobenzene	**<50.0**	ug/kg	120	50.0	2	08/04/17 08:15	08/07/17 12:20	106-46-7	W
Dichlorodifluoromethane	**<50.0**	ug/kg	120	50.0	2	08/04/17 08:15	08/07/17 12:20	75-71-8	W
1,1-Dichloroethane	**<50.0**	ug/kg	120	50.0	2	08/04/17 08:15	08/07/17 12:20	75-34-3	W
1,2-Dichloroethane	**18200**	ug/kg	183	76.3	2	08/04/17 08:15	08/07/17 12:20	107-06-2	
1,1-Dichloroethene	**<50.0**	ug/kg	120	50.0	2	08/04/17 08:15	08/07/17 12:20	75-35-4	W
cis-1,2-Dichloroethene	**<50.0**	ug/kg	120	50.0	2	08/04/17 08:15	08/07/17 12:20	156-59-2	W
trans-1,2-Dichloroethene	**<50.0**	ug/kg	120	50.0	2	08/04/17 08:15	08/07/17 12:20	156-60-5	W
1,2-Dichloropropane	**<50.0**	ug/kg	120	50.0	2	08/04/17 08:15	08/07/17 12:20	78-87-5	W
1,3-Dichloropropane	**<50.0**	ug/kg	120	50.0	2	08/04/17 08:15	08/07/17 12:20	142-28-9	W
2,2-Dichloropropane	**<50.0**	ug/kg	120	50.0	2	08/04/17 08:15	08/07/17 12:20	594-20-7	W
1,1-Dichloropropene	**<50.0**	ug/kg	120	50.0	2	08/04/17 08:15	08/07/17 12:20	563-58-6	W
cis-1,3-Dichloropropene	**<50.0**	ug/kg	120	50.0	2	08/04/17 08:15	08/07/17 12:20	10061-01-5	W
trans-1,3-Dichloropropene	**<50.0**	ug/kg	120	50.0	2	08/04/17 08:15	08/07/17 12:20	10061-02-6	W
Diisopropyl ether	**177J**	ug/kg	183	76.3	2	08/04/17 08:15	08/07/17 12:20	108-20-3	

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ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154221

Sample: SB-14 3-4 **Lab ID: 40154221010** Collected: 07/28/17 14:05 Received: 08/01/17 09:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Ethylbenzene	**<50.0**	ug/kg	120	50.0	2	08/04/17 08:15	08/07/17 12:20	100-41-4	W
Hexachloro-1,3-butadiene	**<50.0**	ug/kg	120	50.0	2	08/04/17 08:15	08/07/17 12:20	87-68-3	W
Isopropylbenzene (Cumene)	**<50.0**	ug/kg	120	50.0	2	08/04/17 08:15	08/07/17 12:20	98-82-8	W
p-Isopropyltoluene	**<50.0**	ug/kg	120	50.0	2	08/04/17 08:15	08/07/17 12:20	99-87-6	W
Methylene Chloride	**86.1J**	ug/kg	183	76.3	2	08/04/17 08:15	08/07/17 12:20	75-09-2	
Methyl-tert-butyl ether	**<50.0**	ug/kg	120	50.0	2	08/04/17 08:15	08/07/17 12:20	1634-04-4	W
Naphthalene	**396J**	ug/kg	763	122	2	08/04/17 08:15	08/07/17 12:20	91-20-3	
n-Propylbenzene	**<50.0**	ug/kg	120	50.0	2	08/04/17 08:15	08/07/17 12:20	103-65-1	W
Styrene	**<50.0**	ug/kg	120	50.0	2	08/04/17 08:15	08/07/17 12:20	100-42-5	W
1,1,1,2-Tetrachloroethane	**<50.0**	ug/kg	120	50.0	2	08/04/17 08:15	08/07/17 12:20	630-20-6	W
1,1,2,2-Tetrachloroethane	**<50.0**	ug/kg	120	50.0	2	08/04/17 08:15	08/07/17 12:20	79-34-5	W
Tetrachloroethene	**<50.0**	ug/kg	120	50.0	2	08/04/17 08:15	08/07/17 12:20	127-18-4	W
Toluene	**<50.0**	ug/kg	120	50.0	2	08/04/17 08:15	08/07/17 12:20	108-88-3	W
1,2,3-Trichlorobenzene	**<50.0**	ug/kg	120	50.0	2	08/04/17 08:15	08/07/17 12:20	87-61-6	W
1,2,4-Trichlorobenzene	**<95.1**	ug/kg	500	95.1	2	08/04/17 08:15	08/07/17 12:20	120-82-1	W
1,1,1-Trichloroethane	**<50.0**	ug/kg	120	50.0	2	08/04/17 08:15	08/07/17 12:20	71-55-6	W
1,1,2-Trichloroethane	**<50.0**	ug/kg	120	50.0	2	08/04/17 08:15	08/07/17 12:20	79-00-5	W
Trichloroethene	**<50.0**	ug/kg	120	50.0	2	08/04/17 08:15	08/07/17 12:20	79-01-6	W
Trichlorofluoromethane	**<50.0**	ug/kg	120	50.0	2	08/04/17 08:15	08/07/17 12:20	75-69-4	W
1,2,3-Trichloropropane	**<50.0**	ug/kg	120	50.0	2	08/04/17 08:15	08/07/17 12:20	96-18-4	W
1,2,4-Trimethylbenzene	**<50.0**	ug/kg	120	50.0	2	08/04/17 08:15	08/07/17 12:20	95-63-6	W
1,3,5-Trimethylbenzene	**<50.0**	ug/kg	120	50.0	2	08/04/17 08:15	08/07/17 12:20	108-67-8	W
Vinyl chloride	**405**	ug/kg	183	76.3	2	08/04/17 08:15	08/07/17 12:20	75-01-4	
m&p-Xylene	**<100**	ug/kg	240	100	2	08/04/17 08:15	08/07/17 12:20	179601-23-1	W
o-Xylene	**<50.0**	ug/kg	120	50.0	2	08/04/17 08:15	08/07/17 12:20	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	92	%	68-130		2	08/04/17 08:15	08/07/17 12:20	1868-53-7	
Toluene-d8 (S)	85	%	68-149		2	08/04/17 08:15	08/07/17 12:20	2037-26-5	
4-Bromofluorobenzene (S)	72	%	58-141		2	08/04/17 08:15	08/07/17 12:20	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**34.5**	%	0.10	0.10	1		08/07/17 17:46		

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ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154221

Sample: SB-15 5-7 **Lab ID: 40154221011** Collected: 07/28/17 14:25 Received: 08/01/17 09:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB	Analytical Method: EPA 8082 Preparation Method: EPA 3541								
PCB-1016 (Aroclor 1016)	**<62.1**	ug/kg	124	62.1	1	08/07/17 13:29	08/08/17 06:41	12674-11-2	
PCB-1221 (Aroclor 1221)	**<62.1**	ug/kg	124	62.1	1	08/07/17 13:29	08/08/17 06:41	11104-28-2	
PCB-1232 (Aroclor 1232)	**<62.1**	ug/kg	124	62.1	1	08/07/17 13:29	08/08/17 06:41	11141-16-5	
PCB-1242 (Aroclor 1242)	**<62.1**	ug/kg	124	62.1	1	08/07/17 13:29	08/08/17 06:41	53469-21-9	
PCB-1248 (Aroclor 1248)	**<62.1**	ug/kg	124	62.1	1	08/07/17 13:29	08/08/17 06:41	12672-29-6	
PCB-1254 (Aroclor 1254)	**<62.1**	ug/kg	124	62.1	1	08/07/17 13:29	08/08/17 06:41	11097-69-1	
PCB-1260 (Aroclor 1260)	**<62.1**	ug/kg	124	62.1	1	08/07/17 13:29	08/08/17 06:41	11096-82-5	
PCB, Total	**<62.1**	ug/kg	124	62.1	1	08/07/17 13:29	08/08/17 06:41	1336-36-3	
Surrogates									
Tetrachloro-m-xylene (S)	69	%	50-102		1	08/07/17 13:29	08/08/17 06:41	877-09-8	
Decachlorobiphenyl (S)	71	%	53-105		1	08/07/17 13:29	08/08/17 06:41	2051-24-3	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050								
Arsenic	**3.6J**	mg/kg	12.2	2.6	1	08/02/17 14:07	08/04/17 10:37	7440-38-2	
Barium	**73.2**	mg/kg	1.2	0.37	1	08/02/17 14:07	08/04/17 10:37	7440-39-3	
Cadmium	**<0.33**	mg/kg	1.2	0.33	1	08/02/17 14:07	08/04/17 10:37	7440-43-9	
Chromium	**9.7**	mg/kg	2.4	0.68	1	08/02/17 14:07	08/04/17 10:37	7440-47-3	
Lead	**10**	mg/kg	3.2	1.1	1	08/02/17 14:07	08/04/17 10:37	7439-92-1	
Selenium	**<2.7**	mg/kg	12.2	2.7	1	08/02/17 14:07	08/04/17 10:37	7782-49-2	
Silver	**<0.84**	mg/kg	2.4	0.84	1	08/02/17 14:07	08/04/17 10:37	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471								
Mercury	**<0.025**	mg/kg	0.083	0.025	1	08/14/17 07:10	08/15/17 11:30	7439-97-6	
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546								
1,2,4-Trichlorobenzene	**<46.8**	ug/kg	156	46.8	1	08/03/17 10:50	08/03/17 15:19	120-82-1	
1,2-Dichlorobenzene	**<130**	ug/kg	434	130	1	08/03/17 10:50	08/03/17 15:19	95-50-1	
1,3-Dichlorobenzene	**<57.3**	ug/kg	191	57.3	1	08/03/17 10:50	08/03/17 15:19	541-73-1	
1,4-Dichlorobenzene	**<57.7**	ug/kg	192	57.7	1	08/03/17 10:50	08/03/17 15:19	106-46-7	
2,2'-Oxybis(1-chloropropane)	**<107**	ug/kg	356	107	1	08/03/17 10:50	08/03/17 15:19	108-60-1	
2,4,5-Trichlorophenol	**<73.1**	ug/kg	244	73.1	1	08/03/17 10:50	08/03/17 15:19	95-95-4	
2,4,6-Trichlorophenol	**<63.1**	ug/kg	210	63.1	1	08/03/17 10:50	08/03/17 15:19	88-06-2	
2,4-Dichlorophenol	**<111**	ug/kg	369	111	1	08/03/17 10:50	08/03/17 15:19	120-83-2	
2,4-Dimethylphenol	**<81.9**	ug/kg	273	81.9	1	08/03/17 10:50	08/03/17 15:19	105-67-9	
2,4-Dinitrophenol	**<126**	ug/kg	420	126	1	08/03/17 10:50	08/03/17 15:19	51-28-5	
2,4-Dinitrotoluene	**<59.2**	ug/kg	197	59.2	1	08/03/17 10:50	08/03/17 15:19	121-14-2	
2,6-Dinitrotoluene	**<78.6**	ug/kg	262	78.6	1	08/03/17 10:50	08/03/17 15:19	606-20-2	
2-Chloronaphthalene	**<53.1**	ug/kg	177	53.1	1	08/03/17 10:50	08/03/17 15:19	91-58-7	
2-Chlorophenol	**<103**	ug/kg	344	103	1	08/03/17 10:50	08/03/17 15:19	95-57-8	
2-Methylnaphthalene	**<107**	ug/kg	358	107	1	08/03/17 10:50	08/03/17 15:19	91-57-6	
2-Methylphenol(o-Cresol)	**<75.2**	ug/kg	251	75.2	1	08/03/17 10:50	08/03/17 15:19	95-48-7	
2-Nitroaniline	**<118**	ug/kg	393	118	1	08/03/17 10:50	08/03/17 15:19	88-74-4	
2-Nitrophenol	**<131**	ug/kg	435	131	1	08/03/17 10:50	08/03/17 15:19	88-75-5	
3&4-Methylphenol(m&p Cresol)	**<75.9**	ug/kg	253	75.9	1	08/03/17 10:50	08/03/17 15:19		
3,3'-Dichlorobenzidine	**<112**	ug/kg	374	112	1	08/03/17 10:50	08/03/17 15:19	91-94-1	

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ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154221

Sample: SB-15 5-7 **Lab ID: 40154221011** Collected: 07/28/17 14:25 Received: 08/01/17 09:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546								
3-Nitroaniline	**<70.4**	ug/kg	235	70.4	1	08/03/17 10:50	08/03/17 15:19	99-09-2	
4,6-Dinitro-2-methylphenol	**<128**	ug/kg	425	128	1	08/03/17 10:50	08/03/17 15:19	534-52-1	
4-Bromophenylphenyl ether	**<86.7**	ug/kg	289	86.7	1	08/03/17 10:50	08/03/17 15:19	101-55-3	
4-Chloro-3-methylphenol	**<129**	ug/kg	429	129	1	08/03/17 10:50	08/03/17 15:19	59-50-7	
4-Chloroaniline	**<68.0**	ug/kg	227	68.0	1	08/03/17 10:50	08/03/17 15:19	106-47-8	
4-Chlorophenylphenyl ether	**<77.1**	ug/kg	257	77.1	1	08/03/17 10:50	08/03/17 15:19	7005-72-3	
4-Nitroaniline	**<172**	ug/kg	573	172	1	08/03/17 10:50	08/03/17 15:19	100-01-6	
4-Nitrophenol	**<104**	ug/kg	347	104	1	08/03/17 10:50	08/03/17 15:19	100-02-7	
Acenaphthene	**<147**	ug/kg	489	147	1	08/03/17 10:50	08/03/17 15:19	83-32-9	
Acenaphthylene	**<148**	ug/kg	492	148	1	08/03/17 10:50	08/03/17 15:19	208-96-8	
Anthracene	**<66.2**	ug/kg	221	66.2	1	08/03/17 10:50	08/03/17 15:19	120-12-7	
Benzo(a)anthracene	**<64.1**	ug/kg	214	64.1	1	08/03/17 10:50	08/03/17 15:19	56-55-3	
Benzo(a)pyrene	**<62.3**	ug/kg	208	62.3	1	08/03/17 10:50	08/03/17 15:19	50-32-8	
Benzo(b)fluoranthene	**<71.1**	ug/kg	237	71.1	1	08/03/17 10:50	08/03/17 15:19	205-99-2	
Benzo(g,h,i)perylene	**<108**	ug/kg	361	108	1	08/03/17 10:50	08/03/17 15:19	191-24-2	
Benzo(k)fluoranthene	**<99.1**	ug/kg	330	99.1	1	08/03/17 10:50	08/03/17 15:19	207-08-9	
Butylbenzylphthalate	**<66.4**	ug/kg	221	66.4	1	08/03/17 10:50	08/03/17 15:19	85-68-7	
Carbazole	**<64.8**	ug/kg	216	64.8	1	08/03/17 10:50	08/03/17 15:19	86-74-8	
Chrysene	**<61.9**	ug/kg	206	61.9	1	08/03/17 10:50	08/03/17 15:19	218-01-9	
Di-n-butylphthalate	**<61.9**	ug/kg	206	61.9	1	08/03/17 10:50	08/03/17 15:19	84-74-2	
Di-n-octylphthalate	**<93.1**	ug/kg	310	93.1	1	08/03/17 10:50	08/03/17 15:19	117-84-0	
Dibenz(a,h)anthracene	**<112**	ug/kg	375	112	1	08/03/17 10:50	08/03/17 15:19	53-70-3	
Dibenzofuran	**<50.1**	ug/kg	167	50.1	1	08/03/17 10:50	08/03/17 15:19	132-64-9	
Diethylphthalate	**<68.6**	ug/kg	229	68.6	1	08/03/17 10:50	08/03/17 15:19	84-66-2	
Dimethylphthalate	**<53.8**	ug/kg	179	53.8	1	08/03/17 10:50	08/03/17 15:19	131-11-3	
Fluoranthene	**81.0J**	ug/kg	195	58.6	1	08/03/17 10:50	08/03/17 15:19	206-44-0	
Fluorene	**<48.4**	ug/kg	161	48.4	1	08/03/17 10:50	08/03/17 15:19	86-73-7	
Hexachloro-1,3-butadiene	**<105**	ug/kg	351	105	1	08/03/17 10:50	08/03/17 15:19	87-68-3	
Hexachlorobenzene	**<69.6**	ug/kg	232	69.6	1	08/03/17 10:50	08/03/17 15:19	118-74-1	
Hexachlorocyclopentadiene	**<98.0**	ug/kg	327	98.0	1	08/03/17 10:50	08/03/17 15:19	77-47-4	
Hexachloroethane	**<66.2**	ug/kg	221	66.2	1	08/03/17 10:50	08/03/17 15:19	67-72-1	
Indeno(1,2,3-cd)pyrene	**<89.6**	ug/kg	299	89.6	1	08/03/17 10:50	08/03/17 15:19	193-39-5	
Isophorone	**<63.6**	ug/kg	212	63.6	1	08/03/17 10:50	08/03/17 15:19	78-59-1	
N-Nitroso-di-n-propylamine	**<65.7**	ug/kg	219	65.7	1	08/03/17 10:50	08/03/17 15:19	621-64-7	
N-Nitrosodiphenylamine	**<562**	ug/kg	1870	562	1	08/03/17 10:50	08/03/17 15:19	86-30-6	
Naphthalene	**<145**	ug/kg	482	145	1	08/03/17 10:50	08/03/17 15:19	91-20-3	
Nitrobenzene	**<83.9**	ug/kg	280	83.9	1	08/03/17 10:50	08/03/17 15:19	98-95-3	
Pentachlorophenol	**<91.2**	ug/kg	304	91.2	1	08/03/17 10:50	08/03/17 15:19	87-86-5	
Phenanthrene	**69.7J**	ug/kg	177	53.1	1	08/03/17 10:50	08/03/17 15:19	85-01-8	
Phenol	**<98.2**	ug/kg	327	98.2	1	08/03/17 10:50	08/03/17 15:19	108-95-2	
Pyrene	**<91.7**	ug/kg	306	91.7	1	08/03/17 10:50	08/03/17 15:19	129-00-0	
bis(2-Chloroethoxy)methane	**<111**	ug/kg	372	111	1	08/03/17 10:50	08/03/17 15:19	111-91-1	
bis(2-Chloroethyl) ether	**<129**	ug/kg	431	129	1	08/03/17 10:50	08/03/17 15:19	111-44-4	
bis(2-Ethylhexyl)phthalate	**<68.8**	ug/kg	229	68.8	1	08/03/17 10:50	08/03/17 15:19	117-81-7	

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ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154221

Sample: SB-15 5-7 **Lab ID: 40154221011** Collected: 07/28/17 14:25 Received: 08/01/17 09:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546								
Surrogates									
Nitrobenzene-d5 (S)	68	%	13-114		1	08/03/17 10:50	08/03/17 15:19	4165-60-0	
2-Fluorobiphenyl (S)	60	%	18-127		1	08/03/17 10:50	08/03/17 15:19	321-60-8	
Terphenyl-d14 (S)	76	%	41-109		1	08/03/17 10:50	08/03/17 15:19	1718-51-0	
Phenol-d6 (S)	66	%	30-97		1	08/03/17 10:50	08/03/17 15:19	13127-88-3	
2-Fluorophenol (S)	70	%	16-103		1	08/03/17 10:50	08/03/17 15:19	367-12-4	
2,4,6-Tribromophenol (S)	71	%	13-143		1	08/03/17 10:50	08/03/17 15:19	118-79-6	
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Benzene	**<1250**	ug/kg	3000	1250	50	08/03/17 07:45	08/04/17 10:14	71-43-2	W
Bromobenzene	**<1250**	ug/kg	3000	1250	50	08/03/17 07:45	08/04/17 10:14	108-86-1	W
Bromochloromethane	**<1250**	ug/kg	3000	1250	50	08/03/17 07:45	08/04/17 10:14	74-97-5	W
Bromodichloromethane	**<1250**	ug/kg	3000	1250	50	08/03/17 07:45	08/04/17 10:14	75-27-4	W
Bromoform	**<1250**	ug/kg	3000	1250	50	08/03/17 07:45	08/04/17 10:14	75-25-2	W
Bromomethane	**<3500**	ug/kg	12500	3500	50	08/03/17 07:45	08/04/17 10:14	74-83-9	W
n-Butylbenzene	**<1250**	ug/kg	3000	1250	50	08/03/17 07:45	08/04/17 10:14	104-51-8	W
sec-Butylbenzene	**<1250**	ug/kg	3000	1250	50	08/03/17 07:45	08/04/17 10:14	135-98-8	W
tert-Butylbenzene	**<1250**	ug/kg	3000	1250	50	08/03/17 07:45	08/04/17 10:14	98-06-6	W
Carbon tetrachloride	**<1250**	ug/kg	3000	1250	50	08/03/17 07:45	08/04/17 10:14	56-23-5	W
Chlorobenzene	**<1250**	ug/kg	3000	1250	50	08/03/17 07:45	08/04/17 10:14	108-90-7	W
Chloroethane	**<3350**	ug/kg	12500	3350	50	08/03/17 07:45	08/04/17 10:14	75-00-3	W
Chloroform	**<2320**	ug/kg	12500	2320	50	08/03/17 07:45	08/04/17 10:14	67-66-3	W
Chloromethane	**<1250**	ug/kg	3000	1250	50	08/03/17 07:45	08/04/17 10:14	74-87-3	W
2-Chlorotoluene	**<1250**	ug/kg	3000	1250	50	08/03/17 07:45	08/04/17 10:14	95-49-8	W
4-Chlorotoluene	**<1250**	ug/kg	3000	1250	50	08/03/17 07:45	08/04/17 10:14	106-43-4	W
1,2-Dibromo-3-chloropropane	**<4560**	ug/kg	12500	4560	50	08/03/17 07:45	08/04/17 10:14	96-12-8	W
Dibromochloromethane	**<1250**	ug/kg	3000	1250	50	08/03/17 07:45	08/04/17 10:14	124-48-1	W
1,2-Dibromoethane (EDB)	**<1250**	ug/kg	3000	1250	50	08/03/17 07:45	08/04/17 10:14	106-93-4	W
Dibromomethane	**<1250**	ug/kg	3000	1250	50	08/03/17 07:45	08/04/17 10:14	74-95-3	W
1,2-Dichlorobenzene	**<1250**	ug/kg	3000	1250	50	08/03/17 07:45	08/04/17 10:14	95-50-1	W
1,3-Dichlorobenzene	**<1250**	ug/kg	3000	1250	50	08/03/17 07:45	08/04/17 10:14	541-73-1	W
1,4-Dichlorobenzene	**<1250**	ug/kg	3000	1250	50	08/03/17 07:45	08/04/17 10:14	106-46-7	W
Dichlorodifluoromethane	**<1250**	ug/kg	3000	1250	50	08/03/17 07:45	08/04/17 10:14	75-71-8	W
1,1-Dichloroethane	**<1250**	ug/kg	3000	1250	50	08/03/17 07:45	08/04/17 10:14	75-34-3	W
1,2-Dichloroethane	**382000**	ug/kg	7450	3110	50	08/03/17 07:45	08/04/17 10:14	107-06-2	
1,1-Dichloroethene	**<1250**	ug/kg	3000	1250	50	08/03/17 07:45	08/04/17 10:14	75-35-4	W
cis-1,2-Dichloroethene	**<1250**	ug/kg	3000	1250	50	08/03/17 07:45	08/04/17 10:14	156-59-2	W
trans-1,2-Dichloroethene	**<1250**	ug/kg	3000	1250	50	08/03/17 07:45	08/04/17 10:14	156-60-5	W
1,2-Dichloropropane	**<1250**	ug/kg	3000	1250	50	08/03/17 07:45	08/04/17 10:14	78-87-5	W
1,3-Dichloropropane	**<1250**	ug/kg	3000	1250	50	08/03/17 07:45	08/04/17 10:14	142-28-9	W
2,2-Dichloropropane	**<1250**	ug/kg	3000	1250	50	08/03/17 07:45	08/04/17 10:14	594-20-7	W
1,1-Dichloropropene	**<1250**	ug/kg	3000	1250	50	08/03/17 07:45	08/04/17 10:14	563-58-6	W
cis-1,3-Dichloropropene	**<1250**	ug/kg	3000	1250	50	08/03/17 07:45	08/04/17 10:14	10061-01-5	W
trans-1,3-Dichloropropene	**<1250**	ug/kg	3000	1250	50	08/03/17 07:45	08/04/17 10:14	10061-02-6	W
Diisopropyl ether	**<1250**	ug/kg	3000	1250	50	08/03/17 07:45	08/04/17 10:14	108-20-3	W

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ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154221

Sample: SB-15 5-7 **Lab ID: 40154221011** Collected: 07/28/17 14:25 Received: 08/01/17 09:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Ethylbenzene	**<1250**	ug/kg	3000	1250	50	08/03/17 07:45	08/04/17 10:14	100-41-4	W
Hexachloro-1,3-butadiene	**<1250**	ug/kg	3000	1250	50	08/03/17 07:45	08/04/17 10:14	87-68-3	W
Isopropylbenzene (Cumene)	**<1250**	ug/kg	3000	1250	50	08/03/17 07:45	08/04/17 10:14	98-82-8	W
p-Isopropyltoluene	**<1250**	ug/kg	3000	1250	50	08/03/17 07:45	08/04/17 10:14	99-87-6	W
Methylene Chloride	**<1250**	ug/kg	3000	1250	50	08/03/17 07:45	08/04/17 10:14	75-09-2	W
Methyl-tert-butyl ether	**<1250**	ug/kg	3000	1250	50	08/03/17 07:45	08/04/17 10:14	1634-04-4	W
Naphthalene	**<2000**	ug/kg	12500	2000	50	08/03/17 07:45	08/04/17 10:14	91-20-3	W
n-Propylbenzene	**<1250**	ug/kg	3000	1250	50	08/03/17 07:45	08/04/17 10:14	103-65-1	W
Styrene	**<1250**	ug/kg	3000	1250	50	08/03/17 07:45	08/04/17 10:14	100-42-5	W
1,1,1,2-Tetrachloroethane	**<1250**	ug/kg	3000	1250	50	08/03/17 07:45	08/04/17 10:14	630-20-6	W
1,1,2,2-Tetrachloroethane	**<1250**	ug/kg	3000	1250	50	08/03/17 07:45	08/04/17 10:14	79-34-5	W
Tetrachloroethene	**<1250**	ug/kg	3000	1250	50	08/03/17 07:45	08/04/17 10:14	127-18-4	W
Toluene	**<1250**	ug/kg	3000	1250	50	08/03/17 07:45	08/04/17 10:14	108-88-3	W
1,2,3-Trichlorobenzene	**<1250**	ug/kg	3000	1250	50	08/03/17 07:45	08/04/17 10:14	87-61-6	W
1,2,4-Trichlorobenzene	**<2380**	ug/kg	12500	2380	50	08/03/17 07:45	08/04/17 10:14	120-82-1	W
1,1,1-Trichloroethane	**<1250**	ug/kg	3000	1250	50	08/03/17 07:45	08/04/17 10:14	71-55-6	W
1,1,2-Trichloroethane	**<1250**	ug/kg	3000	1250	50	08/03/17 07:45	08/04/17 10:14	79-00-5	W
Trichloroethene	**<1250**	ug/kg	3000	1250	50	08/03/17 07:45	08/04/17 10:14	79-01-6	W
Trichlorofluoromethane	**<1250**	ug/kg	3000	1250	50	08/03/17 07:45	08/04/17 10:14	75-69-4	W
1,2,3-Trichloropropane	**<1250**	ug/kg	3000	1250	50	08/03/17 07:45	08/04/17 10:14	96-18-4	W
1,2,4-Trimethylbenzene	**<1250**	ug/kg	3000	1250	50	08/03/17 07:45	08/04/17 10:14	95-63-6	W
1,3,5-Trimethylbenzene	**<1250**	ug/kg	3000	1250	50	08/03/17 07:45	08/04/17 10:14	108-67-8	W
Vinyl chloride	**<1250**	ug/kg	3000	1250	50	08/03/17 07:45	08/04/17 10:14	75-01-4	W
m&p-Xylene	**<2500**	ug/kg	6000	2500	50	08/03/17 07:45	08/04/17 10:14	179601-23-1	W
o-Xylene	**<1250**	ug/kg	3000	1250	50	08/03/17 07:45	08/04/17 10:14	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	0	%	68-130		50	08/03/17 07:45	08/04/17 10:14	1868-53-7	S4
Toluene-d8 (S)	0	%	68-149		50	08/03/17 07:45	08/04/17 10:14	2037-26-5	S4
4-Bromofluorobenzene (S)	0	%	58-141		50	08/03/17 07:45	08/04/17 10:14	460-00-4	S4
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**59.8**	%	0.10	0.10	1		08/07/17 17:46		

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ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154221

Sample: SB-13 1.5-2 **Lab ID: 40154221012** Collected: 07/28/17 14:50 Received: 08/01/17 09:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050								
Lead	**16.0**	mg/kg	1.7	0.58	1	08/02/17 14:07	08/04/17 10:40	7439-92-1	
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546								
Acenaphthene	**18.9J**	ug/kg	19.3	5.8	1	08/08/17 10:02	08/14/17 11:16	83-32-9	
Acenaphthylene	**<4.9**	ug/kg	16.4	4.9	1	08/08/17 10:02	08/14/17 11:16	208-96-8	
Anthracene	**44.3**	ug/kg	28.4	8.5	1	08/08/17 10:02	08/14/17 11:16	120-12-7	
Benzo(a)anthracene	**115**	ug/kg	15.8	4.7	1	08/08/17 10:02	08/14/17 11:16	56-55-3	
Benzo(a)pyrene	**107**	ug/kg	12.5	3.7	1	08/08/17 10:02	08/14/17 11:16	50-32-8	
Benzo(b)fluoranthene	**103**	ug/kg	14.0	4.2	1	08/08/17 10:02	08/14/17 11:16	205-99-2	
Benzo(g,h,i)perylene	**72.1**	ug/kg	10.1	3.0	1	08/08/17 10:02	08/14/17 11:16	191-24-2	
Benzo(k)fluoranthene	**106**	ug/kg	12.5	3.7	1	08/08/17 10:02	08/14/17 11:16	207-08-9	
Chrysene	**128**	ug/kg	16.7	5.0	1	08/08/17 10:02	08/14/17 11:16	218-01-9	
Dibenz(a,h)anthracene	**26.4**	ug/kg	11.1	3.3	1	08/08/17 10:02	08/14/17 11:16	53-70-3	
Fluoranthene	**298**	ug/kg	26.0	7.8	1	08/08/17 10:02	08/14/17 11:16	206-44-0	
Fluorene	**15.3J**	ug/kg	20.6	6.2	1	08/08/17 10:02	08/14/17 11:16	86-73-7	
Indeno(1,2,3-cd)pyrene	**64.7**	ug/kg	10.9	3.3	1	08/08/17 10:02	08/14/17 11:16	193-39-5	
1-Methylnaphthalene	**<6.0**	ug/kg	20.0	6.0	1	08/08/17 10:02	08/14/17 11:16	90-12-0	
2-Methylnaphthalene	**<7.5**	ug/kg	24.9	7.5	1	08/08/17 10:02	08/14/17 11:16	91-57-6	
Naphthalene	**<12.6**	ug/kg	41.9	12.6	1	08/08/17 10:02	08/14/17 11:16	91-20-3	
Phenanthrene	**176**	ug/kg	57.9	17.4	1	08/08/17 10:02	08/14/17 11:16	85-01-8	
Pyrene	**218**	ug/kg	22.4	6.7	1	08/08/17 10:02	08/14/17 11:16	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	43	%	19-96		1	08/08/17 10:02	08/14/17 11:16	321-60-8	
Terphenyl-d14 (S)	52	%	31-98		1	08/08/17 10:02	08/14/17 11:16	1718-51-0	
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/04/17 09:51	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/04/17 09:51	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/04/17 09:51	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/04/17 09:51	75-27-4	W
Bromoform	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/04/17 09:51	75-25-2	W
Bromomethane	**<69.9**	ug/kg	250	69.9	1	08/03/17 07:45	08/04/17 09:51	74-83-9	W
n-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/04/17 09:51	104-51-8	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/04/17 09:51	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/04/17 09:51	98-06-6	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/04/17 09:51	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/04/17 09:51	108-90-7	W
Chloroethane	**<67.0**	ug/kg	250	67.0	1	08/03/17 07:45	08/04/17 09:51	75-00-3	W
Chloroform	**<46.4**	ug/kg	250	46.4	1	08/03/17 07:45	08/04/17 09:51	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/04/17 09:51	74-87-3	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/04/17 09:51	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/04/17 09:51	106-43-4	W
1,2-Dibromo-3-chloropropane	**<91.2**	ug/kg	250	91.2	1	08/03/17 07:45	08/04/17 09:51	96-12-8	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/04/17 09:51	124-48-1	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/04/17 09:51	106-93-4	W

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ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154221

Sample: SB-13 1.5-2 **Lab ID: 40154221012** Collected: 07/28/17 14:50 Received: 08/01/17 09:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/04/17 09:51	74-95-3	W
1,2-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/04/17 09:51	95-50-1	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/04/17 09:51	541-73-1	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/04/17 09:51	106-46-7	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/04/17 09:51	75-71-8	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/04/17 09:51	75-34-3	W
1,2-Dichloroethane	**40.5J**	ug/kg	89.6	37.3	1	08/03/17 07:45	08/04/17 09:51	107-06-2	
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/04/17 09:51	75-35-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/04/17 09:51	156-59-2	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/04/17 09:51	156-60-5	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/04/17 09:51	78-87-5	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/04/17 09:51	142-28-9	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/04/17 09:51	594-20-7	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/04/17 09:51	563-58-6	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/04/17 09:51	10061-01-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/04/17 09:51	10061-02-6	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/04/17 09:51	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/04/17 09:51	100-41-4	W
Hexachloro-1,3-butadiene	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/04/17 09:51	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/04/17 09:51	98-82-8	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/04/17 09:51	99-87-6	W
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/04/17 09:51	75-09-2	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/04/17 09:51	1634-04-4	W
Naphthalene	**<40.0**	ug/kg	250	40.0	1	08/03/17 07:45	08/04/17 09:51	91-20-3	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/04/17 09:51	103-65-1	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/04/17 09:51	100-42-5	W
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/04/17 09:51	630-20-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/04/17 09:51	79-34-5	W
Tetrachloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/04/17 09:51	127-18-4	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/04/17 09:51	108-88-3	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/04/17 09:51	87-61-6	W
1,2,4-Trichlorobenzene	**<47.6**	ug/kg	250	47.6	1	08/03/17 07:45	08/04/17 09:51	120-82-1	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/04/17 09:51	71-55-6	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/04/17 09:51	79-00-5	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/04/17 09:51	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/04/17 09:51	75-69-4	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/04/17 09:51	96-18-4	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/04/17 09:51	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/04/17 09:51	108-67-8	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/04/17 09:51	75-01-4	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	08/03/17 07:45	08/04/17 09:51	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/04/17 09:51	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	103	%	68-130		1	08/03/17 07:45	08/04/17 09:51	1868-53-7	
Toluene-d8 (S)	102	%	68-149		1	08/03/17 07:45	08/04/17 09:51	2037-26-5	

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ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154221

Sample: SB-13 1.5-2 **Lab ID: 40154221012** Collected: 07/28/17 14:50 Received: 08/01/17 09:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Surrogates									
4-Bromofluorobenzene (S)	84	%	58-141		1	08/03/17 07:45	08/04/17 09:51	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**33.1**	%	0.10	0.10	1		08/07/17 17:46		

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ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154221

Sample: SB-18 4-5 **Lab ID: 40154221013** Collected: 07/28/17 16:20 Received: 08/01/17 09:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050								
Lead	**608**	mg/kg	1.6	0.53	1	08/02/17 14:07	08/04/17 10:42	7439-92-1	
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546								
Acenaphthene	**15.1J**	ug/kg	16.9	5.1	1	08/08/17 10:02	08/09/17 01:46	83-32-9	
Acenaphthylene	**7.2J**	ug/kg	14.4	4.3	1	08/08/17 10:02	08/09/17 01:46	208-96-8	
Anthracene	**57.9**	ug/kg	24.9	7.5	1	08/08/17 10:02	08/09/17 01:46	120-12-7	
Benzo(a)anthracene	**147**	ug/kg	13.9	4.2	1	08/08/17 10:02	08/09/17 01:46	56-55-3	
Benzo(a)pyrene	**149**	ug/kg	11.0	3.3	1	08/08/17 10:02	08/09/17 01:46	50-32-8	
Benzo(b)fluoranthene	**108**	ug/kg	12.3	3.7	1	08/08/17 10:02	08/09/17 01:46	205-99-2	
Benzo(g,h,i)perylene	**104**	ug/kg	8.9	2.7	1	08/08/17 10:02	08/09/17 01:46	191-24-2	
Benzo(k)fluoranthene	**152**	ug/kg	11.0	3.3	1	08/08/17 10:02	08/09/17 01:46	207-08-9	
Chrysene	**180**	ug/kg	14.7	4.4	1	08/08/17 10:02	08/09/17 01:46	218-01-9	
Dibenz(a,h)anthracene	**38.9**	ug/kg	9.8	2.9	1	08/08/17 10:02	08/09/17 01:46	53-70-3	
Fluoranthene	**308**	ug/kg	22.8	6.8	1	08/08/17 10:02	08/09/17 01:46	206-44-0	
Fluorene	**20.0**	ug/kg	18.1	5.4	1	08/08/17 10:02	08/09/17 01:46	86-73-7	
Indeno(1,2,3-cd)pyrene	**92.4**	ug/kg	9.6	2.9	1	08/08/17 10:02	08/09/17 01:46	193-39-5	
1-Methylnaphthalene	**<5.3**	ug/kg	17.6	5.3	1	08/08/17 10:02	08/09/17 01:46	90-12-0	
2-Methylnaphthalene	**<6.6**	ug/kg	21.9	6.6	1	08/08/17 10:02	08/09/17 01:46	91-57-6	
Naphthalene	**<11.0**	ug/kg	36.8	11.0	1	08/08/17 10:02	08/09/17 01:46	91-20-3	
Phenanthrene	**190**	ug/kg	50.9	15.3	1	08/08/17 10:02	08/09/17 01:46	85-01-8	
Pyrene	**275**	ug/kg	19.7	5.9	1	08/08/17 10:02	08/09/17 01:46	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	55	%	19-96		1	08/08/17 10:02	08/09/17 01:46	321-60-8	
Terphenyl-d14 (S)	58	%	31-98		1	08/08/17 10:02	08/09/17 01:46	1718-51-0	
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/03/17 21:56	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/03/17 21:56	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/03/17 21:56	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/03/17 21:56	75-27-4	W
Bromoform	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/03/17 21:56	75-25-2	W
Bromomethane	**<69.9**	ug/kg	250	69.9	1	08/03/17 07:45	08/03/17 21:56	74-83-9	W
n-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/03/17 21:56	104-51-8	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/03/17 21:56	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/03/17 21:56	98-06-6	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/03/17 21:56	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/03/17 21:56	108-90-7	W
Chloroethane	**<67.0**	ug/kg	250	67.0	1	08/03/17 07:45	08/03/17 21:56	75-00-3	W
Chloroform	**<46.4**	ug/kg	250	46.4	1	08/03/17 07:45	08/03/17 21:56	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/03/17 21:56	74-87-3	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/03/17 21:56	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/03/17 21:56	106-43-4	W
1,2-Dibromo-3-chloropropane	**<91.2**	ug/kg	250	91.2	1	08/03/17 07:45	08/03/17 21:56	96-12-8	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/03/17 21:56	124-48-1	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/03/17 21:56	106-93-4	W

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ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154221

Sample: SB-18 4-5 **Lab ID: 40154221013** Collected: 07/28/17 16:20 Received: 08/01/17 09:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/03/17 21:56	74-95-3	W
1,2-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/03/17 21:56	95-50-1	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/03/17 21:56	541-73-1	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/03/17 21:56	106-46-7	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/03/17 21:56	75-71-8	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/03/17 21:56	75-34-3	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/03/17 21:56	107-06-2	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/03/17 21:56	75-35-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/03/17 21:56	156-59-2	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/03/17 21:56	156-60-5	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/03/17 21:56	78-87-5	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/03/17 21:56	142-28-9	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/03/17 21:56	594-20-7	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/03/17 21:56	563-58-6	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/03/17 21:56	10061-01-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/03/17 21:56	10061-02-6	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/03/17 21:56	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/03/17 21:56	100-41-4	W
Hexachloro-1,3-butadiene	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/03/17 21:56	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/03/17 21:56	98-82-8	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/03/17 21:56	99-87-6	W
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/03/17 21:56	75-09-2	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/03/17 21:56	1634-04-4	W
Naphthalene	**<40.0**	ug/kg	250	40.0	1	08/03/17 07:45	08/03/17 21:56	91-20-3	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/03/17 21:56	103-65-1	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/03/17 21:56	100-42-5	W
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/03/17 21:56	630-20-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/03/17 21:56	79-34-5	W
Tetrachloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/03/17 21:56	127-18-4	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/03/17 21:56	108-88-3	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/03/17 21:56	87-61-6	W
1,2,4-Trichlorobenzene	**<47.6**	ug/kg	250	47.6	1	08/03/17 07:45	08/03/17 21:56	120-82-1	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/03/17 21:56	71-55-6	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/03/17 21:56	79-00-5	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/03/17 21:56	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/03/17 21:56	75-69-4	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/03/17 21:56	96-18-4	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/03/17 21:56	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/03/17 21:56	108-67-8	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/03/17 21:56	75-01-4	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	08/03/17 07:45	08/03/17 21:56	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/03/17 21:56	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	104	%	68-130		1	08/03/17 07:45	08/03/17 21:56	1868-53-7	
Toluene-d8 (S)	105	%	68-149		1	08/03/17 07:45	08/03/17 21:56	2037-26-5	

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ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154221

Sample: SB-18 4-5 **Lab ID: 40154221013** Collected: 07/28/17 16:20 Received: 08/01/17 09:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Surrogates									
4-Bromofluorobenzene (S)	87	%	58-141		1	08/03/17 07:45	08/03/17 21:56	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**23.8**	%	0.10	0.10	1		08/07/17 17:46		

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ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154221

Sample: SB-19 1.5-2 **Lab ID: 40154221014** Collected: 07/31/17 09:30 Received: 08/01/17 09:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB	Analytical Method: EPA 8082 Preparation Method: EPA 3541								
PCB-1016 (Aroclor 1016)	**<29.4**	ug/kg	58.9	29.4	1	08/07/17 13:29	08/08/17 07:03	12674-11-2	
PCB-1221 (Aroclor 1221)	**<29.4**	ug/kg	58.9	29.4	1	08/07/17 13:29	08/08/17 07:03	11104-28-2	
PCB-1232 (Aroclor 1232)	**<29.4**	ug/kg	58.9	29.4	1	08/07/17 13:29	08/08/17 07:03	11141-16-5	
PCB-1242 (Aroclor 1242)	**<29.4**	ug/kg	58.9	29.4	1	08/07/17 13:29	08/08/17 07:03	53469-21-9	
PCB-1248 (Aroclor 1248)	**<29.4**	ug/kg	58.9	29.4	1	08/07/17 13:29	08/08/17 07:03	12672-29-6	
PCB-1254 (Aroclor 1254)	**<29.4**	ug/kg	58.9	29.4	1	08/07/17 13:29	08/08/17 07:03	11097-69-1	
PCB-1260 (Aroclor 1260)	**<29.4**	ug/kg	58.9	29.4	1	08/07/17 13:29	08/08/17 07:03	11096-82-5	
PCB, Total	**<29.4**	ug/kg	58.9	29.4	1	08/07/17 13:29	08/08/17 07:03	1336-36-3	
Surrogates									
Tetrachloro-m-xylene (S)	72	%	50-102		1	08/07/17 13:29	08/08/17 07:03	877-09-8	
Decachlorobiphenyl (S)	71	%	53-105		1	08/07/17 13:29	08/08/17 07:03	2051-24-3	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050								
Arsenic	**3.8J**	mg/kg	5.8	1.2	1	08/02/17 14:07	08/04/17 10:45	7440-38-2	
Barium	**72.2**	mg/kg	0.58	0.17	1	08/02/17 14:07	08/04/17 10:45	7440-39-3	
Cadmium	**1.8**	mg/kg	0.58	0.16	1	08/02/17 14:07	08/04/17 10:45	7440-43-9	
Chromium	**20.8**	mg/kg	1.2	0.32	1	08/02/17 14:07	08/04/17 10:45	7440-47-3	
Lead	**47.9**	mg/kg	1.5	0.50	1	08/02/17 14:07	08/04/17 10:45	7439-92-1	
Selenium	**<1.3**	mg/kg	5.8	1.3	1	08/02/17 14:07	08/04/17 10:45	7782-49-2	
Silver	**<0.40**	mg/kg	1.2	0.40	1	08/02/17 14:07	08/04/17 10:45	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471								
Mercury	**0.063**	mg/kg	0.041	0.012	1	08/14/17 07:10	08/15/17 11:32	7439-97-6	
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546								
1,2,4-Trichlorobenzene	**<22.3**	ug/kg	74.2	22.3	1	08/03/17 10:50	08/04/17 12:33	120-82-1	
1,2-Dichlorobenzene	**<61.9**	ug/kg	206	61.9	1	08/03/17 10:50	08/04/17 12:33	95-50-1	
1,3-Dichlorobenzene	**<27.3**	ug/kg	90.9	27.3	1	08/03/17 10:50	08/04/17 12:33	541-73-1	
1,4-Dichlorobenzene	**<27.4**	ug/kg	91.4	27.4	1	08/03/17 10:50	08/04/17 12:33	106-46-7	
2,2'-Oxybis(1-chloropropane)	**<50.8**	ug/kg	169	50.8	1	08/03/17 10:50	08/04/17 12:33	108-60-1	
2,4,5-Trichlorophenol	**<34.8**	ug/kg	116	34.8	1	08/03/17 10:50	08/04/17 12:33	95-95-4	
2,4,6-Trichlorophenol	**<30.0**	ug/kg	100	30.0	1	08/03/17 10:50	08/04/17 12:33	88-06-2	
2,4-Dichlorophenol	**<52.6**	ug/kg	175	52.6	1	08/03/17 10:50	08/04/17 12:33	120-83-2	
2,4-Dimethylphenol	**<38.9**	ug/kg	130	38.9	1	08/03/17 10:50	08/04/17 12:33	105-67-9	
2,4-Dinitrophenol	**<60.0**	ug/kg	200	60.0	1	08/03/17 10:50	08/04/17 12:33	51-28-5	
2,4-Dinitrotoluene	**<28.2**	ug/kg	93.9	28.2	1	08/03/17 10:50	08/04/17 12:33	121-14-2	
2,6-Dinitrotoluene	**<37.4**	ug/kg	125	37.4	1	08/03/17 10:50	08/04/17 12:33	606-20-2	
2-Chloronaphthalene	**<25.3**	ug/kg	84.3	25.3	1	08/03/17 10:50	08/04/17 12:33	91-58-7	
2-Chlorophenol	**<49.1**	ug/kg	164	49.1	1	08/03/17 10:50	08/04/17 12:33	95-57-8	
2-Methylnaphthalene	**74.4J**	ug/kg	170	51.1	1	08/03/17 10:50	08/04/17 12:33	91-57-6	
2-Methylphenol(o-Cresol)	**<35.8**	ug/kg	119	35.8	1	08/03/17 10:50	08/04/17 12:33	95-48-7	
2-Nitroaniline	**<56.1**	ug/kg	187	56.1	1	08/03/17 10:50	08/04/17 12:33	88-74-4	
2-Nitrophenol	**<62.1**	ug/kg	207	62.1	1	08/03/17 10:50	08/04/17 12:33	88-75-5	
3&4-Methylphenol(m&p Cresol)	**<36.1**	ug/kg	120	36.1	1	08/03/17 10:50	08/04/17 12:33		
3,3'-Dichlorobenzidine	**<53.4**	ug/kg	178	53.4	1	08/03/17 10:50	08/04/17 12:33	91-94-1	

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1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154221

Sample: SB-19 1.5-2 **Lab ID: 40154221014** Collected: 07/31/17 09:30 Received: 08/01/17 09:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546								
3-Nitroaniline	**<33.5**	ug/kg	112	33.5	1	08/03/17 10:50	08/04/17 12:33	99-09-2	
4,6-Dinitro-2-methylphenol	**<60.7**	ug/kg	202	60.7	1	08/03/17 10:50	08/04/17 12:33	534-52-1	
4-Bromophenylphenyl ether	**<41.2**	ug/kg	137	41.2	1	08/03/17 10:50	08/04/17 12:33	101-55-3	
4-Chloro-3-methylphenol	**<61.3**	ug/kg	204	61.3	1	08/03/17 10:50	08/04/17 12:33	59-50-7	
4-Chloroaniline	**<32.4**	ug/kg	108	32.4	1	08/03/17 10:50	08/04/17 12:33	106-47-8	
4-Chlorophenylphenyl ether	**<36.7**	ug/kg	122	36.7	1	08/03/17 10:50	08/04/17 12:33	7005-72-3	
4-Nitroaniline	**<81.7**	ug/kg	272	81.7	1	08/03/17 10:50	08/04/17 12:33	100-01-6	
4-Nitrophenol	**<49.6**	ug/kg	165	49.6	1	08/03/17 10:50	08/04/17 12:33	100-02-7	
Acenaphthene	**<69.8**	ug/kg	233	69.8	1	08/03/17 10:50	08/04/17 12:33	83-32-9	
Acenaphthylene	**<70.2**	ug/kg	234	70.2	1	08/03/17 10:50	08/04/17 12:33	208-96-8	
Anthracene	**<31.5**	ug/kg	105	31.5	1	08/03/17 10:50	08/04/17 12:33	120-12-7	
Benzo(a)anthracene	**55.4J**	ug/kg	102	30.5	1	08/03/17 10:50	08/04/17 12:33	56-55-3	
Benzo(a)pyrene	**65.0J**	ug/kg	98.7	29.6	1	08/03/17 10:50	08/04/17 12:33	50-32-8	
Benzo(b)fluoranthene	**97.6J**	ug/kg	113	33.8	1	08/03/17 10:50	08/04/17 12:33	205-99-2	
Benzo(g,h,i)perylene	**74.8J**	ug/kg	172	51.5	1	08/03/17 10:50	08/04/17 12:33	191-24-2	
Benzo(k)fluoranthene	**<47.1**	ug/kg	157	47.1	1	08/03/17 10:50	08/04/17 12:33	207-08-9	
Butylbenzylphthalate	**<31.6**	ug/kg	105	31.6	1	08/03/17 10:50	08/04/17 12:33	85-68-7	
Carbazole	**<30.8**	ug/kg	103	30.8	1	08/03/17 10:50	08/04/17 12:33	86-74-8	
Chrysene	**84.6J**	ug/kg	98.1	29.4	1	08/03/17 10:50	08/04/17 12:33	218-01-9	
Di-n-butylphthalate	**<29.4**	ug/kg	98.1	29.4	1	08/03/17 10:50	08/04/17 12:33	84-74-2	
Di-n-octylphthalate	**<44.3**	ug/kg	148	44.3	1	08/03/17 10:50	08/04/17 12:33	117-84-0	
Dibenz(a,h)anthracene	**<53.5**	ug/kg	178	53.5	1	08/03/17 10:50	08/04/17 12:33	53-70-3	
Dibenzofuran	**25.6J**	ug/kg	79.4	23.8	1	08/03/17 10:50	08/04/17 12:33	132-64-9	
Diethylphthalate	**<32.6**	ug/kg	109	32.6	1	08/03/17 10:50	08/04/17 12:33	84-66-2	
Dimethylphthalate	**<25.6**	ug/kg	85.4	25.6	1	08/03/17 10:50	08/04/17 12:33	131-11-3	
Fluoranthene	**134**	ug/kg	92.9	27.9	1	08/03/17 10:50	08/04/17 12:33	206-44-0	
Fluorene	**<23.0**	ug/kg	76.7	23.0	1	08/03/17 10:50	08/04/17 12:33	86-73-7	
Hexachloro-1,3-butadiene	**<50.2**	ug/kg	167	50.2	1	08/03/17 10:50	08/04/17 12:33	87-68-3	
Hexachlorobenzene	**<33.1**	ug/kg	110	33.1	1	08/03/17 10:50	08/04/17 12:33	118-74-1	
Hexachlorocyclopentadiene	**<46.6**	ug/kg	155	46.6	1	08/03/17 10:50	08/04/17 12:33	77-47-4	
Hexachloroethane	**<31.5**	ug/kg	105	31.5	1	08/03/17 10:50	08/04/17 12:33	67-72-1	
Indeno(1,2,3-cd)pyrene	**72.8J**	ug/kg	142	42.6	1	08/03/17 10:50	08/04/17 12:33	193-39-5	
Isophorone	**<30.3**	ug/kg	101	30.3	1	08/03/17 10:50	08/04/17 12:33	78-59-1	
N-Nitroso-di-n-propylamine	**<31.2**	ug/kg	104	31.2	1	08/03/17 10:50	08/04/17 12:33	621-64-7	
N-Nitrosodiphenylamine	**<267**	ug/kg	890	267	1	08/03/17 10:50	08/04/17 12:33	86-30-6	
Naphthalene	**<68.8**	ug/kg	229	68.8	1	08/03/17 10:50	08/04/17 12:33	91-20-3	
Nitrobenzene	**<39.9**	ug/kg	133	39.9	1	08/03/17 10:50	08/04/17 12:33	98-95-3	
Pentachlorophenol	**<43.4**	ug/kg	145	43.4	1	08/03/17 10:50	08/04/17 12:33	87-86-5	
Phenanthrene	**149**	ug/kg	84.2	25.3	1	08/03/17 10:50	08/04/17 12:33	85-01-8	
Phenol	**<46.7**	ug/kg	156	46.7	1	08/03/17 10:50	08/04/17 12:33	108-95-2	
Pyrene	**111J**	ug/kg	145	43.6	1	08/03/17 10:50	08/04/17 12:33	129-00-0	
bis(2-Chloroethoxy)methane	**<53.0**	ug/kg	177	53.0	1	08/03/17 10:50	08/04/17 12:33	111-91-1	
bis(2-Chloroethyl) ether	**<61.5**	ug/kg	205	61.5	1	08/03/17 10:50	08/04/17 12:33	111-44-4	
bis(2-Ethylhexyl)phthalate	**<32.7**	ug/kg	109	32.7	1	08/03/17 10:50	08/04/17 12:33	117-81-7	

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ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154221

Sample: SB-19 1.5-2 **Lab ID: 40154221014** Collected: 07/31/17 09:30 Received: 08/01/17 09:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546								
Surrogates									
Nitrobenzene-d5 (S)	62	%	13-114		1	08/03/17 10:50	08/04/17 12:33	4165-60-0	
2-Fluorobiphenyl (S)	60	%	18-127		1	08/03/17 10:50	08/04/17 12:33	321-60-8	
Terphenyl-d14 (S)	62	%	41-109		1	08/03/17 10:50	08/04/17 12:33	1718-51-0	
Phenol-d6 (S)	50	%	30-97		1	08/03/17 10:50	08/04/17 12:33	13127-88-3	
2-Fluorophenol (S)	52	%	16-103		1	08/03/17 10:50	08/04/17 12:33	367-12-4	
2,4,6-Tribromophenol (S)	70	%	13-143		1	08/03/17 10:50	08/04/17 12:33	118-79-6	
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/03/17 23:06	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/03/17 23:06	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/03/17 23:06	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/03/17 23:06	75-27-4	W
Bromoform	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/03/17 23:06	75-25-2	W
Bromomethane	**<69.9**	ug/kg	250	69.9	1	08/03/17 07:45	08/03/17 23:06	74-83-9	W
n-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/03/17 23:06	104-51-8	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/03/17 23:06	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/03/17 23:06	98-06-6	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/03/17 23:06	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/03/17 23:06	108-90-7	W
Chloroethane	**<67.0**	ug/kg	250	67.0	1	08/03/17 07:45	08/03/17 23:06	75-00-3	W
Chloroform	**<46.4**	ug/kg	250	46.4	1	08/03/17 07:45	08/03/17 23:06	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/03/17 23:06	74-87-3	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/03/17 23:06	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/03/17 23:06	106-43-4	W
1,2-Dibromo-3-chloropropane	**<91.2**	ug/kg	250	91.2	1	08/03/17 07:45	08/03/17 23:06	96-12-8	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/03/17 23:06	124-48-1	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/03/17 23:06	106-93-4	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/03/17 23:06	74-95-3	W
1,2-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/03/17 23:06	95-50-1	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/03/17 23:06	541-73-1	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/03/17 23:06	106-46-7	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/03/17 23:06	75-71-8	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/03/17 23:06	75-34-3	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/03/17 23:06	107-06-2	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/03/17 23:06	75-35-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/03/17 23:06	156-59-2	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/03/17 23:06	156-60-5	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/03/17 23:06	78-87-5	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/03/17 23:06	142-28-9	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/03/17 23:06	594-20-7	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/03/17 23:06	563-58-6	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/03/17 23:06	10061-01-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/03/17 23:06	10061-02-6	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/03/17 23:06	108-20-3	W

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ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154221

Sample: SB-19 1.5-2 **Lab ID: 40154221014** Collected: 07/31/17 09:30 Received: 08/01/17 09:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/03/17 23:06	100-41-4	W
Hexachloro-1,3-butadiene	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/03/17 23:06	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/03/17 23:06	98-82-8	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/03/17 23:06	99-87-6	W
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/03/17 23:06	75-09-2	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/03/17 23:06	1634-04-4	W
Naphthalene	**<40.0**	ug/kg	250	40.0	1	08/03/17 07:45	08/03/17 23:06	91-20-3	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/03/17 23:06	103-65-1	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/03/17 23:06	100-42-5	W
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/03/17 23:06	630-20-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/03/17 23:06	79-34-5	W
Tetrachloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/03/17 23:06	127-18-4	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/03/17 23:06	108-88-3	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/03/17 23:06	87-61-6	W
1,2,4-Trichlorobenzene	**<47.6**	ug/kg	250	47.6	1	08/03/17 07:45	08/03/17 23:06	120-82-1	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/03/17 23:06	71-55-6	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/03/17 23:06	79-00-5	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/03/17 23:06	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/03/17 23:06	75-69-4	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/03/17 23:06	96-18-4	W
1,2,4-Trimethylbenzene	**33.9J**	ug/kg	70.7	29.4	1	08/03/17 07:45	08/03/17 23:06	95-63-6	
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/03/17 23:06	108-67-8	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/03/17 23:06	75-01-4	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	08/03/17 07:45	08/03/17 23:06	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/03/17 23:06	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	104	%	68-130		1	08/03/17 07:45	08/03/17 23:06	1868-53-7	
Toluene-d8 (S)	106	%	68-149		1	08/03/17 07:45	08/03/17 23:06	2037-26-5	
4-Bromofluorobenzene (S)	84	%	58-141		1	08/03/17 07:45	08/03/17 23:06	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**15.1**	%	0.10	0.10	1		08/08/17 09:56		

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1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154221

Sample: SB-11 4-5 **Lab ID: 40154221015** Collected: 07/31/17 08:55 Received: 08/01/17 09:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050								
Lead	**24.0**	mg/kg	1.9	0.62	1	08/02/17 14:07	08/04/17 10:47	7439-92-1	
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546								
Acenaphthene	**<12.3**	ug/kg	40.8	12.3	2	08/08/17 10:02	08/09/17 16:12	83-32-9	
Acenaphthylene	**<10.4**	ug/kg	34.8	10.4	2	08/08/17 10:02	08/09/17 16:12	208-96-8	
Anthracene	**<18.0**	ug/kg	60.0	18.0	2	08/08/17 10:02	08/09/17 16:12	120-12-7	
Benzo(a)anthracene	**<10.0**	ug/kg	33.5	10.0	2	08/08/17 10:02	08/09/17 16:12	56-55-3	
Benzo(a)pyrene	**<7.9**	ug/kg	26.4	7.9	2	08/08/17 10:02	08/09/17 16:12	50-32-8	
Benzo(b)fluoranthene	**<8.9**	ug/kg	29.7	8.9	2	08/08/17 10:02	08/09/17 16:12	205-99-2	
Benzo(g,h,i)perylene	**<6.4**	ug/kg	21.4	6.4	2	08/08/17 10:02	08/09/17 16:12	191-24-2	
Benzo(k)fluoranthene	**<7.9**	ug/kg	26.4	7.9	2	08/08/17 10:02	08/09/17 16:12	207-08-9	
Chrysene	**<10.7**	ug/kg	35.4	10.7	2	08/08/17 10:02	08/09/17 16:12	218-01-9	
Dibenz(a,h)anthracene	**<7.1**	ug/kg	23.5	7.1	2	08/08/17 10:02	08/09/17 16:12	53-70-3	
Fluoranthene	**<16.5**	ug/kg	55.0	16.5	2	08/08/17 10:02	08/09/17 16:12	206-44-0	
Fluorene	**<13.1**	ug/kg	43.6	13.1	2	08/08/17 10:02	08/09/17 16:12	86-73-7	
Indeno(1,2,3-cd)pyrene	**<6.9**	ug/kg	23.2	6.9	2	08/08/17 10:02	08/09/17 16:12	193-39-5	
1-Methylnaphthalene	**240**	ug/kg	42.3	12.7	2	08/08/17 10:02	08/09/17 16:12	90-12-0	
2-Methylnaphthalene	**567**	ug/kg	52.8	15.8	2	08/08/17 10:02	08/09/17 16:12	91-57-6	
Naphthalene	**1350**	ug/kg	88.8	26.6	2	08/08/17 10:02	08/09/17 16:12	91-20-3	
Phenanthrene	**<36.8**	ug/kg	123	36.8	2	08/08/17 10:02	08/09/17 16:12	85-01-8	
Pyrene	**<14.3**	ug/kg	47.4	14.3	2	08/08/17 10:02	08/09/17 16:12	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	31	%	19-96		2	08/08/17 10:02	08/09/17 16:12	321-60-8	
Terphenyl-d14 (S)	42	%	31-98		2	08/08/17 10:02	08/09/17 16:12	1718-51-0	
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Benzene	**2180**	ug/kg	946	394	10	08/03/17 07:45	08/03/17 14:24	71-43-2	
Bromobenzene	**<250**	ug/kg	600	250	10	08/03/17 07:45	08/03/17 14:24	108-86-1	W
Bromochloromethane	**<250**	ug/kg	600	250	10	08/03/17 07:45	08/03/17 14:24	74-97-5	W
Bromodichloromethane	**<250**	ug/kg	600	250	10	08/03/17 07:45	08/03/17 14:24	75-27-4	W
Bromoform	**<250**	ug/kg	600	250	10	08/03/17 07:45	08/03/17 14:24	75-25-2	W
Bromomethane	**<699**	ug/kg	2500	699	10	08/03/17 07:45	08/03/17 14:24	74-83-9	W
n-Butylbenzene	**<250**	ug/kg	600	250	10	08/03/17 07:45	08/03/17 14:24	104-51-8	W
sec-Butylbenzene	**1480**	ug/kg	946	394	10	08/03/17 07:45	08/03/17 14:24	135-98-8	
tert-Butylbenzene	**<250**	ug/kg	600	250	10	08/03/17 07:45	08/03/17 14:24	98-06-6	W
Carbon tetrachloride	**<250**	ug/kg	600	250	10	08/03/17 07:45	08/03/17 14:24	56-23-5	W
Chlorobenzene	**<250**	ug/kg	600	250	10	08/03/17 07:45	08/03/17 14:24	108-90-7	W
Chloroethane	**<670**	ug/kg	2500	670	10	08/03/17 07:45	08/03/17 14:24	75-00-3	W
Chloroform	**<464**	ug/kg	2500	464	10	08/03/17 07:45	08/03/17 14:24	67-66-3	W
Chloromethane	**<250**	ug/kg	600	250	10	08/03/17 07:45	08/03/17 14:24	74-87-3	W
2-Chlorotoluene	**<250**	ug/kg	600	250	10	08/03/17 07:45	08/03/17 14:24	95-49-8	W
4-Chlorotoluene	**<250**	ug/kg	600	250	10	08/03/17 07:45	08/03/17 14:24	106-43-4	W
1,2-Dibromo-3-chloropropane	**<912**	ug/kg	2500	912	10	08/03/17 07:45	08/03/17 14:24	96-12-8	W
Dibromochloromethane	**<250**	ug/kg	600	250	10	08/03/17 07:45	08/03/17 14:24	124-48-1	W
1,2-Dibromoethane (EDB)	**<250**	ug/kg	600	250	10	08/03/17 07:45	08/03/17 14:24	106-93-4	W

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(920)469-2436

ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154221

Sample: SB-11 4-5 **Lab ID: 40154221015** Collected: 07/31/17 08:55 Received: 08/01/17 09:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Dibromomethane	**<250**	ug/kg	600	250	10	08/03/17 07:45	08/03/17 14:24	74-95-3	W
1,2-Dichlorobenzene	**<250**	ug/kg	600	250	10	08/03/17 07:45	08/03/17 14:24	95-50-1	W
1,3-Dichlorobenzene	**<250**	ug/kg	600	250	10	08/03/17 07:45	08/03/17 14:24	541-73-1	W
1,4-Dichlorobenzene	**<250**	ug/kg	600	250	10	08/03/17 07:45	08/03/17 14:24	106-46-7	W
Dichlorodifluoromethane	**<250**	ug/kg	600	250	10	08/03/17 07:45	08/03/17 14:24	75-71-8	W
1,1-Dichloroethane	**<250**	ug/kg	600	250	10	08/03/17 07:45	08/03/17 14:24	75-34-3	W
1,2-Dichloroethane	**<250**	ug/kg	600	250	10	08/03/17 07:45	08/03/17 14:24	107-06-2	W
1,1-Dichloroethene	**<250**	ug/kg	600	250	10	08/03/17 07:45	08/03/17 14:24	75-35-4	W
cis-1,2-Dichloroethene	**<250**	ug/kg	600	250	10	08/03/17 07:45	08/03/17 14:24	156-59-2	W
trans-1,2-Dichloroethene	**<250**	ug/kg	600	250	10	08/03/17 07:45	08/03/17 14:24	156-60-5	W
1,2-Dichloropropane	**<250**	ug/kg	600	250	10	08/03/17 07:45	08/03/17 14:24	78-87-5	W
1,3-Dichloropropane	**<250**	ug/kg	600	250	10	08/03/17 07:45	08/03/17 14:24	142-28-9	W
2,2-Dichloropropane	**<250**	ug/kg	600	250	10	08/03/17 07:45	08/03/17 14:24	594-20-7	W
1,1-Dichloropropene	**<250**	ug/kg	600	250	10	08/03/17 07:45	08/03/17 14:24	563-58-6	W
cis-1,3-Dichloropropene	**<250**	ug/kg	600	250	10	08/03/17 07:45	08/03/17 14:24	10061-01-5	W
trans-1,3-Dichloropropene	**<250**	ug/kg	600	250	10	08/03/17 07:45	08/03/17 14:24	10061-02-6	W
Diisopropyl ether	**<250**	ug/kg	600	250	10	08/03/17 07:45	08/03/17 14:24	108-20-3	W
Ethylbenzene	**54600**	ug/kg	946	394	10	08/03/17 07:45	08/03/17 14:24	100-41-4	
Hexachloro-1,3-butadiene	**<250**	ug/kg	600	250	10	08/03/17 07:45	08/03/17 14:24	87-68-3	W
Isopropylbenzene (Cumene)	**4690**	ug/kg	946	394	10	08/03/17 07:45	08/03/17 14:24	98-82-8	
p-Isopropyltoluene	**984**	ug/kg	946	394	10	08/03/17 07:45	08/03/17 14:24	99-87-6	
Methylene Chloride	**459J**	ug/kg	946	394	10	08/03/17 07:45	08/03/17 14:24	75-09-2	
Methyl-tert-butyl ether	**<250**	ug/kg	600	250	10	08/03/17 07:45	08/03/17 14:24	1634-04-4	W
Naphthalene	**10300**	ug/kg	3940	632	10	08/03/17 07:45	08/03/17 14:24	91-20-3	
n-Propylbenzene	**17900**	ug/kg	946	394	10	08/03/17 07:45	08/03/17 14:24	103-65-1	
Styrene	**<250**	ug/kg	600	250	10	08/03/17 07:45	08/03/17 14:24	100-42-5	W
1,1,1,2-Tetrachloroethane	**<250**	ug/kg	600	250	10	08/03/17 07:45	08/03/17 14:24	630-20-6	W
1,1,2,2-Tetrachloroethane	**<250**	ug/kg	600	250	10	08/03/17 07:45	08/03/17 14:24	79-34-5	W
Tetrachloroethene	**<250**	ug/kg	600	250	10	08/03/17 07:45	08/03/17 14:24	127-18-4	W
Toluene	**64700**	ug/kg	946	394	10	08/03/17 07:45	08/03/17 14:24	108-88-3	
1,2,3-Trichlorobenzene	**<250**	ug/kg	600	250	10	08/03/17 07:45	08/03/17 14:24	87-61-6	W
1,2,4-Trichlorobenzene	**<476**	ug/kg	2500	476	10	08/03/17 07:45	08/03/17 14:24	120-82-1	W
1,1,1-Trichloroethane	**<250**	ug/kg	600	250	10	08/03/17 07:45	08/03/17 14:24	71-55-6	W
1,1,2-Trichloroethane	**<250**	ug/kg	600	250	10	08/03/17 07:45	08/03/17 14:24	79-00-5	W
Trichloroethene	**<250**	ug/kg	600	250	10	08/03/17 07:45	08/03/17 14:24	79-01-6	W
Trichlorofluoromethane	**<250**	ug/kg	600	250	10	08/03/17 07:45	08/03/17 14:24	75-69-4	W
1,2,3-Trichloropropane	**<250**	ug/kg	600	250	10	08/03/17 07:45	08/03/17 14:24	96-18-4	W
1,2,4-Trimethylbenzene	**98700**	ug/kg	946	394	10	08/03/17 07:45	08/03/17 14:24	95-63-6	
1,3,5-Trimethylbenzene	**28300**	ug/kg	946	394	10	08/03/17 07:45	08/03/17 14:24	108-67-8	
Vinyl chloride	**<250**	ug/kg	600	250	10	08/03/17 07:45	08/03/17 14:24	75-01-4	W
m&p-Xylene	**204000**	ug/kg	1890	789	10	08/03/17 07:45	08/03/17 14:24	179601-23-1	
o-Xylene	**76700**	ug/kg	946	394	10	08/03/17 07:45	08/03/17 14:24	95-47-6	
Surrogates									
Dibromofluoromethane (S)	103	%	68-130		10	08/03/17 07:45	08/03/17 14:24	1868-53-7	
Toluene-d8 (S)	103	%	68-149		10	08/03/17 07:45	08/03/17 14:24	2037-26-5	

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ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154221

Sample: SB-11 4-5 **Lab ID: 40154221015** Collected: 07/31/17 08:55 Received: 08/01/17 09:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Surrogates									
4-Bromofluorobenzene (S)	115	%	58-141		10	08/03/17 07:45	08/03/17 14:24	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**36.6**	%	0.10	0.10	1		08/02/17 12:30		

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ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154221

Sample: SB-23 2-2.5 **Lab ID: 40154221016** Collected: 07/31/17 11:00 Received: 08/01/17 09:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB	Analytical Method: EPA 8082 Preparation Method: EPA 3541								
PCB-1016 (Aroclor 1016)	**<27.1**	ug/kg	54.2	27.1	1	08/07/17 13:29	08/08/17 07:25	12674-11-2	
PCB-1221 (Aroclor 1221)	**<27.1**	ug/kg	54.2	27.1	1	08/07/17 13:29	08/08/17 07:25	11104-28-2	
PCB-1232 (Aroclor 1232)	**<27.1**	ug/kg	54.2	27.1	1	08/07/17 13:29	08/08/17 07:25	11141-16-5	
PCB-1242 (Aroclor 1242)	**<27.1**	ug/kg	54.2	27.1	1	08/07/17 13:29	08/08/17 07:25	53469-21-9	
PCB-1248 (Aroclor 1248)	**<27.1**	ug/kg	54.2	27.1	1	08/07/17 13:29	08/08/17 07:25	12672-29-6	
PCB-1254 (Aroclor 1254)	**<27.1**	ug/kg	54.2	27.1	1	08/07/17 13:29	08/08/17 07:25	11097-69-1	
PCB-1260 (Aroclor 1260)	**<27.1**	ug/kg	54.2	27.1	1	08/07/17 13:29	08/08/17 07:25	11096-82-5	
PCB, Total	**<27.1**	ug/kg	54.2	27.1	1	08/07/17 13:29	08/08/17 07:25	1336-36-3	
Surrogates									
Tetrachloro-m-xylene (S)	71	%	50-102		1	08/07/17 13:29	08/08/17 07:25	877-09-8	
Decachlorobiphenyl (S)	71	%	53-105		1	08/07/17 13:29	08/08/17 07:25	2051-24-3	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050								
Arsenic	**3.1J**	mg/kg	5.1	1.1	1	08/02/17 14:07	08/04/17 10:49	7440-38-2	
Barium	**25.1**	mg/kg	0.51	0.15	1	08/02/17 14:07	08/04/17 10:49	7440-39-3	
Cadmium	**0.84**	mg/kg	0.51	0.13	1	08/02/17 14:07	08/04/17 10:49	7440-43-9	
Chromium	**10.5**	mg/kg	1.0	0.28	1	08/02/17 14:07	08/04/17 10:49	7440-47-3	
Lead	**14.9**	mg/kg	1.3	0.44	1	08/02/17 14:07	08/04/17 10:49	7439-92-1	
Selenium	**<1.1**	mg/kg	5.1	1.1	1	08/02/17 14:07	08/04/17 10:49	7782-49-2	
Silver	**<0.35**	mg/kg	1.0	0.35	1	08/02/17 14:07	08/04/17 10:49	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471								
Mercury	**0.033J**	mg/kg	0.038	0.011	1	08/14/17 07:10	08/15/17 11:34	7439-97-6	
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546								
1,2,4-Trichlorobenzene	**<20.4**	ug/kg	68.1	20.4	1	08/03/17 10:50	08/04/17 15:45	120-82-1	
1,2-Dichlorobenzene	**<56.8**	ug/kg	189	56.8	1	08/03/17 10:50	08/04/17 15:45	95-50-1	
1,3-Dichlorobenzene	**<25.0**	ug/kg	83.4	25.0	1	08/03/17 10:50	08/04/17 15:45	541-73-1	
1,4-Dichlorobenzene	**<25.2**	ug/kg	83.9	25.2	1	08/03/17 10:50	08/04/17 15:45	106-46-7	
2,2'-Oxybis(1-chloropropane)	**<46.6**	ug/kg	155	46.6	1	08/03/17 10:50	08/04/17 15:45	108-60-1	
2,4,5-Trichlorophenol	**<31.9**	ug/kg	106	31.9	1	08/03/17 10:50	08/04/17 15:45	95-95-4	
2,4,6-Trichlorophenol	**<27.6**	ug/kg	91.9	27.6	1	08/03/17 10:50	08/04/17 15:45	88-06-2	
2,4-Dichlorophenol	**<48.3**	ug/kg	161	48.3	1	08/03/17 10:50	08/04/17 15:45	120-83-2	
2,4-Dimethylphenol	**<35.7**	ug/kg	119	35.7	1	08/03/17 10:50	08/04/17 15:45	105-67-9	
2,4-Dinitrophenol	**<55.1**	ug/kg	184	55.1	1	08/03/17 10:50	08/04/17 15:45	51-28-5	
2,4-Dinitrotoluene	**<25.9**	ug/kg	86.2	25.9	1	08/03/17 10:50	08/04/17 15:45	121-14-2	
2,6-Dinitrotoluene	**<34.3**	ug/kg	114	34.3	1	08/03/17 10:50	08/04/17 15:45	606-20-2	
2-Chloronaphthalene	**<23.2**	ug/kg	77.4	23.2	1	08/03/17 10:50	08/04/17 15:45	91-58-7	
2-Chlorophenol	**<45.1**	ug/kg	150	45.1	1	08/03/17 10:50	08/04/17 15:45	95-57-8	
2-Methylnaphthalene	**<46.9**	ug/kg	156	46.9	1	08/03/17 10:50	08/04/17 15:45	91-57-6	
2-Methylphenol(o-Cresol)	**<32.8**	ug/kg	109	32.8	1	08/03/17 10:50	08/04/17 15:45	95-48-7	
2-Nitroaniline	**<51.5**	ug/kg	172	51.5	1	08/03/17 10:50	08/04/17 15:45	88-74-4	
2-Nitrophenol	**<57.0**	ug/kg	190	57.0	1	08/03/17 10:50	08/04/17 15:45	88-75-5	
3&4-Methylphenol(m&p Cresol)	**<33.1**	ug/kg	110	33.1	1	08/03/17 10:50	08/04/17 15:45		
3,3'-Dichlorobenzidine	**<49.0**	ug/kg	163	49.0	1	08/03/17 10:50	08/04/17 15:45	91-94-1	

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1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154221

Sample: SB-23 2-2.5 **Lab ID: 40154221016** Collected: 07/31/17 11:00 Received: 08/01/17 09:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546								
3-Nitroaniline	**<30.7**	ug/kg	102	30.7	1	08/03/17 10:50	08/04/17 15:45	99-09-2	
4,6-Dinitro-2-methylphenol	**<55.7**	ug/kg	186	55.7	1	08/03/17 10:50	08/04/17 15:45	534-52-1	
4-Bromophenylphenyl ether	**<37.9**	ug/kg	126	37.9	1	08/03/17 10:50	08/04/17 15:45	101-55-3	
4-Chloro-3-methylphenol	**<56.2**	ug/kg	187	56.2	1	08/03/17 10:50	08/04/17 15:45	59-50-7	
4-Chloroaniline	**<29.7**	ug/kg	99.0	29.7	1	08/03/17 10:50	08/04/17 15:45	106-47-8	
4-Chlorophenylphenyl ether	**<33.7**	ug/kg	112	33.7	1	08/03/17 10:50	08/04/17 15:45	7005-72-3	
4-Nitroaniline	**<75.0**	ug/kg	250	75.0	1	08/03/17 10:50	08/04/17 15:45	100-01-6	
4-Nitrophenol	**<45.5**	ug/kg	152	45.5	1	08/03/17 10:50	08/04/17 15:45	100-02-7	
Acenaphthene	**<64.1**	ug/kg	214	64.1	1	08/03/17 10:50	08/04/17 15:45	83-32-9	
Acenaphthylene	**<64.5**	ug/kg	215	64.5	1	08/03/17 10:50	08/04/17 15:45	208-96-8	
Anthracene	**29.3J**	ug/kg	96.3	28.9	1	08/03/17 10:50	08/04/17 15:45	120-12-7	
Benzo(a)anthracene	**102**	ug/kg	93.3	28.0	1	08/03/17 10:50	08/04/17 15:45	56-55-3	
Benzo(a)pyrene	**112**	ug/kg	90.7	27.2	1	08/03/17 10:50	08/04/17 15:45	50-32-8	
Benzo(b)fluoranthene	**137**	ug/kg	104	31.1	1	08/03/17 10:50	08/04/17 15:45	205-99-2	
Benzo(g,h,i)perylene	**92.9J**	ug/kg	158	47.3	1	08/03/17 10:50	08/04/17 15:45	191-24-2	
Benzo(k)fluoranthene	**49.5J**	ug/kg	144	43.3	1	08/03/17 10:50	08/04/17 15:45	207-08-9	
Butylbenzylphthalate	**<29.0**	ug/kg	96.6	29.0	1	08/03/17 10:50	08/04/17 15:45	85-68-7	
Carbazole	**<28.3**	ug/kg	94.3	28.3	1	08/03/17 10:50	08/04/17 15:45	86-74-8	
Chrysene	**113**	ug/kg	90.1	27.0	1	08/03/17 10:50	08/04/17 15:45	218-01-9	
Di-n-butylphthalate	**<27.0**	ug/kg	90.1	27.0	1	08/03/17 10:50	08/04/17 15:45	84-74-2	
Di-n-octylphthalate	**<40.6**	ug/kg	135	40.6	1	08/03/17 10:50	08/04/17 15:45	117-84-0	
Dibenz(a,h)anthracene	**<49.1**	ug/kg	164	49.1	1	08/03/17 10:50	08/04/17 15:45	53-70-3	
Dibenzofuran	**<21.9**	ug/kg	72.9	21.9	1	08/03/17 10:50	08/04/17 15:45	132-64-9	
Diethylphthalate	**<30.0**	ug/kg	99.9	30.0	1	08/03/17 10:50	08/04/17 15:45	84-66-2	
Dimethylphthalate	**<23.5**	ug/kg	78.4	23.5	1	08/03/17 10:50	08/04/17 15:45	131-11-3	
Fluoranthene	**220**	ug/kg	85.3	25.6	1	08/03/17 10:50	08/04/17 15:45	206-44-0	
Fluorene	**<21.1**	ug/kg	70.4	21.1	1	08/03/17 10:50	08/04/17 15:45	86-73-7	
Hexachloro-1,3-butadiene	**<46.0**	ug/kg	153	46.0	1	08/03/17 10:50	08/04/17 15:45	87-68-3	
Hexachlorobenzene	**<30.4**	ug/kg	101	30.4	1	08/03/17 10:50	08/04/17 15:45	118-74-1	
Hexachlorocyclopentadiene	**<42.8**	ug/kg	143	42.8	1	08/03/17 10:50	08/04/17 15:45	77-47-4	
Hexachloroethane	**<28.9**	ug/kg	96.4	28.9	1	08/03/17 10:50	08/04/17 15:45	67-72-1	
Indeno(1,2,3-cd)pyrene	**83.3J**	ug/kg	130	39.1	1	08/03/17 10:50	08/04/17 15:45	193-39-5	
Isophorone	**<27.8**	ug/kg	92.6	27.8	1	08/03/17 10:50	08/04/17 15:45	78-59-1	
N-Nitroso-di-n-propylamine	**<28.7**	ug/kg	95.6	28.7	1	08/03/17 10:50	08/04/17 15:45	621-64-7	
N-Nitrosodiphenylamine	**<245**	ug/kg	818	245	1	08/03/17 10:50	08/04/17 15:45	86-30-6	
Naphthalene	**<63.2**	ug/kg	211	63.2	1	08/03/17 10:50	08/04/17 15:45	91-20-3	
Nitrobenzene	**<36.7**	ug/kg	122	36.7	1	08/03/17 10:50	08/04/17 15:45	98-95-3	
Pentachlorophenol	**<39.8**	ug/kg	133	39.8	1	08/03/17 10:50	08/04/17 15:45	87-86-5	
Phenanthrene	**106**	ug/kg	77.3	23.2	1	08/03/17 10:50	08/04/17 15:45	85-01-8	
Phenol	**<42.9**	ug/kg	143	42.9	1	08/03/17 10:50	08/04/17 15:45	108-95-2	
Pyrene	**180**	ug/kg	134	40.1	1	08/03/17 10:50	08/04/17 15:45	129-00-0	
bis(2-Chloroethoxy)methane	**<48.7**	ug/kg	162	48.7	1	08/03/17 10:50	08/04/17 15:45	111-91-1	
bis(2-Chloroethyl) ether	**<56.4**	ug/kg	188	56.4	1	08/03/17 10:50	08/04/17 15:45	111-44-4	
bis(2-Ethylhexyl)phthalate	**<30.1**	ug/kg	100	30.1	1	08/03/17 10:50	08/04/17 15:45	117-81-7	

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ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154221

Sample: SB-23 2-2.5 **Lab ID: 40154221016** Collected: 07/31/17 11:00 Received: 08/01/17 09:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546								
Surrogates									
Nitrobenzene-d5 (S)	72	%	13-114		1	08/03/17 10:50	08/04/17 15:45	4165-60-0	
2-Fluorobiphenyl (S)	73	%	18-127		1	08/03/17 10:50	08/04/17 15:45	321-60-8	
Terphenyl-d14 (S)	78	%	41-109		1	08/03/17 10:50	08/04/17 15:45	1718-51-0	
Phenol-d6 (S)	68	%	30-97		1	08/03/17 10:50	08/04/17 15:45	13127-88-3	
2-Fluorophenol (S)	68	%	16-103		1	08/03/17 10:50	08/04/17 15:45	367-12-4	
2,4,6-Tribromophenol (S)	90	%	13-143		1	08/03/17 10:50	08/04/17 15:45	118-79-6	
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/03/17 22:19	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/03/17 22:19	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/03/17 22:19	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/03/17 22:19	75-27-4	W
Bromoform	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/03/17 22:19	75-25-2	W
Bromomethane	**<69.9**	ug/kg	250	69.9	1	08/03/17 07:45	08/03/17 22:19	74-83-9	W
n-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/03/17 22:19	104-51-8	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/03/17 22:19	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/03/17 22:19	98-06-6	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/03/17 22:19	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/03/17 22:19	108-90-7	W
Chloroethane	**<67.0**	ug/kg	250	67.0	1	08/03/17 07:45	08/03/17 22:19	75-00-3	W
Chloroform	**<46.4**	ug/kg	250	46.4	1	08/03/17 07:45	08/03/17 22:19	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/03/17 22:19	74-87-3	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/03/17 22:19	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/03/17 22:19	106-43-4	W
1,2-Dibromo-3-chloropropane	**<91.2**	ug/kg	250	91.2	1	08/03/17 07:45	08/03/17 22:19	96-12-8	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/03/17 22:19	124-48-1	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/03/17 22:19	106-93-4	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/03/17 22:19	74-95-3	W
1,2-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/03/17 22:19	95-50-1	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/03/17 22:19	541-73-1	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/03/17 22:19	106-46-7	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/03/17 22:19	75-71-8	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/03/17 22:19	75-34-3	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/03/17 22:19	107-06-2	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/03/17 22:19	75-35-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/03/17 22:19	156-59-2	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/03/17 22:19	156-60-5	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/03/17 22:19	78-87-5	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/03/17 22:19	142-28-9	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/03/17 22:19	594-20-7	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/03/17 22:19	563-58-6	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/03/17 22:19	10061-01-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/03/17 22:19	10061-02-6	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/03/17 22:19	108-20-3	W

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ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154221

Sample: SB-23 2-2.5 **Lab ID: 40154221016** Collected: 07/31/17 11:00 Received: 08/01/17 09:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/03/17 22:19	100-41-4	W
Hexachloro-1,3-butadiene	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/03/17 22:19	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/03/17 22:19	98-82-8	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/03/17 22:19	99-87-6	W
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/03/17 22:19	75-09-2	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/03/17 22:19	1634-04-4	W
Naphthalene	**<40.0**	ug/kg	250	40.0	1	08/03/17 07:45	08/03/17 22:19	91-20-3	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/03/17 22:19	103-65-1	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/03/17 22:19	100-42-5	W
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/03/17 22:19	630-20-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/03/17 22:19	79-34-5	W
Tetrachloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/03/17 22:19	127-18-4	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/03/17 22:19	108-88-3	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/03/17 22:19	87-61-6	W
1,2,4-Trichlorobenzene	**<47.6**	ug/kg	250	47.6	1	08/03/17 07:45	08/03/17 22:19	120-82-1	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/03/17 22:19	71-55-6	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/03/17 22:19	79-00-5	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/03/17 22:19	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/03/17 22:19	75-69-4	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/03/17 22:19	96-18-4	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/03/17 22:19	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/03/17 22:19	108-67-8	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/03/17 22:19	75-01-4	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	08/03/17 07:45	08/03/17 22:19	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	08/03/17 07:45	08/03/17 22:19	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	106	%	68-130		1	08/03/17 07:45	08/03/17 22:19	1868-53-7	
Toluene-d8 (S)	111	%	68-149		1	08/03/17 07:45	08/03/17 22:19	2037-26-5	
4-Bromofluorobenzene (S)	92	%	58-141		1	08/03/17 07:45	08/03/17 22:19	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**7.8**	%	0.10	0.10	1		08/02/17 12:30		

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ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154221

Sample: SB-22 4-5 **Lab ID: 40154221017** Collected: 07/31/17 11:45 Received: 08/01/17 09:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050								
Lead	**7.0**	mg/kg	1.4	0.48	1	08/02/17 14:07	08/04/17 10:52	7439-92-1	
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546								
Acenaphthene	**<4.5**	ug/kg	14.9	4.5	1	08/10/17 08:35	08/10/17 16:26	83-32-9	
Acenaphthylene	**<3.8**	ug/kg	12.7	3.8	1	08/10/17 08:35	08/10/17 16:26	208-96-8	
Anthracene	**<6.6**	ug/kg	22.0	6.6	1	08/10/17 08:35	08/10/17 16:26	120-12-7	
Benzo(a)anthracene	**10.1J**	ug/kg	12.3	3.7	1	08/10/17 08:35	08/10/17 16:26	56-55-3	
Benzo(a)pyrene	**8.4J**	ug/kg	9.7	2.9	1	08/10/17 08:35	08/10/17 16:26	50-32-8	
Benzo(b)fluoranthene	**10.8J**	ug/kg	10.9	3.3	1	08/10/17 08:35	08/10/17 16:26	205-99-2	
Benzo(g,h,i)perylene	**6.0J**	ug/kg	7.8	2.4	1	08/10/17 08:35	08/10/17 16:26	191-24-2	
Benzo(k)fluoranthene	**4.4J**	ug/kg	9.7	2.9	1	08/10/17 08:35	08/10/17 16:26	207-08-9	
Chrysene	**9.0J**	ug/kg	13.0	3.9	1	08/10/17 08:35	08/10/17 16:26	218-01-9	
Dibenz(a,h)anthracene	**<2.6**	ug/kg	8.6	2.6	1	08/10/17 08:35	08/10/17 16:26	53-70-3	
Fluoranthene	**16.4J**	ug/kg	20.2	6.0	1	08/10/17 08:35	08/10/17 16:26	206-44-0	
Fluorene	**<4.8**	ug/kg	16.0	4.8	1	08/10/17 08:35	08/10/17 16:26	86-73-7	
Indeno(1,2,3-cd)pyrene	**5.0J**	ug/kg	8.5	2.5	1	08/10/17 08:35	08/10/17 16:26	193-39-5	
1-Methylnaphthalene	**<4.7**	ug/kg	15.5	4.7	1	08/10/17 08:35	08/10/17 16:26	90-12-0	
2-Methylnaphthalene	**<5.8**	ug/kg	19.4	5.8	1	08/10/17 08:35	08/10/17 16:26	91-57-6	
Naphthalene	**<9.8**	ug/kg	32.6	9.8	1	08/10/17 08:35	08/10/17 16:26	91-20-3	
Phenanthrene	**<13.5**	ug/kg	45.0	13.5	1	08/10/17 08:35	08/10/17 16:26	85-01-8	
Pyrene	**12.7J**	ug/kg	17.4	5.2	1	08/10/17 08:35	08/10/17 16:26	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	51	%	19-96		1	08/10/17 08:35	08/10/17 16:26	321-60-8	
Terphenyl-d14 (S)	54	%	31-98		1	08/10/17 08:35	08/10/17 16:26	1718-51-0	
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 07:28	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 07:28	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 07:28	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 07:28	75-27-4	W
Bromoform	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 07:28	75-25-2	W
Bromomethane	**<69.9**	ug/kg	250	69.9	1	08/04/17 08:15	08/07/17 07:28	74-83-9	W
n-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 07:28	104-51-8	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 07:28	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 07:28	98-06-6	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 07:28	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 07:28	108-90-7	W
Chloroethane	**<67.0**	ug/kg	250	67.0	1	08/04/17 08:15	08/07/17 07:28	75-00-3	W
Chloroform	**<46.4**	ug/kg	250	46.4	1	08/04/17 08:15	08/07/17 07:28	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 07:28	74-87-3	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 07:28	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 07:28	106-43-4	W
1,2-Dibromo-3-chloropropane	**<91.2**	ug/kg	250	91.2	1	08/04/17 08:15	08/07/17 07:28	96-12-8	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 07:28	124-48-1	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 07:28	106-93-4	W

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Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154221

Sample: SB-22 4-5 **Lab ID: 40154221017** Collected: 07/31/17 11:45 Received: 08/01/17 09:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 07:28	74-95-3	W
1,2-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 07:28	95-50-1	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 07:28	541-73-1	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 07:28	106-46-7	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 07:28	75-71-8	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 07:28	75-34-3	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 07:28	107-06-2	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 07:28	75-35-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 07:28	156-59-2	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 07:28	156-60-5	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 07:28	78-87-5	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 07:28	142-28-9	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 07:28	594-20-7	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 07:28	563-58-6	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 07:28	10061-01-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 07:28	10061-02-6	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 07:28	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 07:28	100-41-4	W
Hexachloro-1,3-butadiene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 07:28	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 07:28	98-82-8	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 07:28	99-87-6	W
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 07:28	75-09-2	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 07:28	1634-04-4	W
Naphthalene	**<40.0**	ug/kg	250	40.0	1	08/04/17 08:15	08/07/17 07:28	91-20-3	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 07:28	103-65-1	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 07:28	100-42-5	W
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 07:28	630-20-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 07:28	79-34-5	W
Tetrachloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 07:28	127-18-4	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 07:28	108-88-3	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 07:28	87-61-6	W
1,2,4-Trichlorobenzene	**<47.6**	ug/kg	250	47.6	1	08/04/17 08:15	08/07/17 07:28	120-82-1	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 07:28	71-55-6	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 07:28	79-00-5	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 07:28	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 07:28	75-69-4	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 07:28	96-18-4	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 07:28	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 07:28	108-67-8	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 07:28	75-01-4	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	08/04/17 08:15	08/07/17 07:28	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 07:28	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	130	%	68-130		1	08/04/17 08:15	08/07/17 07:28	1868-53-7	
Toluene-d8 (S)	129	%	68-149		1	08/04/17 08:15	08/07/17 07:28	2037-26-5	

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ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154221

Sample: SB-22 4-5 **Lab ID: 40154221017** Collected: 07/31/17 11:45 Received: 08/01/17 09:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Surrogates									
4-Bromofluorobenzene (S)	113	%	58-141		1	08/04/17 08:15	08/07/17 07:28	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**13.6**	%	0.10	0.10	1		08/02/17 12:31		

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ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154221

Sample: SB-3 8-10 **Lab ID: 40154221018** Collected: 07/31/17 11:50 Received: 08/01/17 09:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050								
Lead	**12.1**	mg/kg	1.3	0.44	1	08/02/17 14:07	08/04/17 10:54	7439-92-1	
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546								
Acenaphthene	**<87.1**	ug/kg	290	87.1	20	08/10/17 08:35	08/11/17 14:55	83-32-9	M6
Acenaphthylene	**<74.0**	ug/kg	247	74.0	20	08/10/17 08:35	08/11/17 14:55	208-96-8	
Anthracene	**<128**	ug/kg	427	128	20	08/10/17 08:35	08/11/17 14:55	120-12-7	
Benzo(a)anthracene	**<71.2**	ug/kg	238	71.2	20	08/10/17 08:35	08/11/17 14:55	56-55-3	
Benzo(a)pyrene	**<56.4**	ug/kg	188	56.4	20	08/10/17 08:35	08/11/17 14:55	50-32-8	
Benzo(b)fluoranthene	**<63.4**	ug/kg	211	63.4	20	08/10/17 08:35	08/11/17 14:55	205-99-2	
Benzo(g,h,i)perylene	**<45.6**	ug/kg	152	45.6	20	08/10/17 08:35	08/11/17 14:55	191-24-2	
Benzo(k)fluoranthene	**<56.3**	ug/kg	188	56.3	20	08/10/17 08:35	08/11/17 14:55	207-08-9	
Chrysene	**<75.7**	ug/kg	251	75.7	20	08/10/17 08:35	08/11/17 14:55	218-01-9	
Dibenz(a,h)anthracene	**<50.2**	ug/kg	167	50.2	20	08/10/17 08:35	08/11/17 14:55	53-70-3	M6
Fluoranthene	**<117**	ug/kg	391	117	20	08/10/17 08:35	08/11/17 14:55	206-44-0	
Fluorene	**188J**	ug/kg	310	92.9	20	08/10/17 08:35	08/11/17 14:55	86-73-7	M6
Indeno(1,2,3-cd)pyrene	**<49.4**	ug/kg	165	49.4	20	08/10/17 08:35	08/11/17 14:55	193-39-5	
1-Methylnaphthalene	**2550**	ug/kg	301	90.3	20	08/10/17 08:35	08/11/17 14:55	90-12-0	M6
2-Methylnaphthalene	**7630**	ug/kg	375	112	20	08/10/17 08:35	08/11/17 14:55	91-57-6	M6
Naphthalene	**6770**	ug/kg	631	189	20	08/10/17 08:35	08/11/17 14:55	91-20-3	M6
Phenanthrene	**<262**	ug/kg	871	262	20	08/10/17 08:35	08/11/17 14:55	85-01-8	
Pyrene	**<101**	ug/kg	337	101	20	08/10/17 08:35	08/11/17 14:55	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	71	%	19-96		20	08/10/17 08:35	08/11/17 14:55	321-60-8	
Terphenyl-d14 (S)	52	%	31-98		20	08/10/17 08:35	08/11/17 14:55	1718-51-0	
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Benzene	**<125**	ug/kg	300	125	5	08/04/17 08:15	08/05/17 00:20	71-43-2	W
Bromobenzene	**<125**	ug/kg	300	125	5	08/04/17 08:15	08/05/17 00:20	108-86-1	W
Bromochloromethane	**<125**	ug/kg	300	125	5	08/04/17 08:15	08/05/17 00:20	74-97-5	W
Bromodichloromethane	**<125**	ug/kg	300	125	5	08/04/17 08:15	08/05/17 00:20	75-27-4	W
Bromoform	**<125**	ug/kg	300	125	5	08/04/17 08:15	08/05/17 00:20	75-25-2	W
Bromomethane	**<350**	ug/kg	1250	350	5	08/04/17 08:15	08/05/17 00:20	74-83-9	W
n-Butylbenzene	**4160**	ug/kg	337	141	5	08/04/17 08:15	08/05/17 00:20	104-51-8	
sec-Butylbenzene	**713**	ug/kg	337	141	5	08/04/17 08:15	08/05/17 00:20	135-98-8	
tert-Butylbenzene	**<125**	ug/kg	300	125	5	08/04/17 08:15	08/05/17 00:20	98-06-6	W
Carbon tetrachloride	**<125**	ug/kg	300	125	5	08/04/17 08:15	08/05/17 00:20	56-23-5	W
Chlorobenzene	**<125**	ug/kg	300	125	5	08/04/17 08:15	08/05/17 00:20	108-90-7	W
Chloroethane	**<335**	ug/kg	1250	335	5	08/04/17 08:15	08/05/17 00:20	75-00-3	W
Chloroform	**<232**	ug/kg	1250	232	5	08/04/17 08:15	08/05/17 00:20	67-66-3	W
Chloromethane	**<125**	ug/kg	300	125	5	08/04/17 08:15	08/05/17 00:20	74-87-3	W
2-Chlorotoluene	**<125**	ug/kg	300	125	5	08/04/17 08:15	08/05/17 00:20	95-49-8	W
4-Chlorotoluene	**<125**	ug/kg	300	125	5	08/04/17 08:15	08/05/17 00:20	106-43-4	W
1,2-Dibromo-3-chloropropane	**<456**	ug/kg	1250	456	5	08/04/17 08:15	08/05/17 00:20	96-12-8	W
Dibromochloromethane	**<125**	ug/kg	300	125	5	08/04/17 08:15	08/05/17 00:20	124-48-1	W
1,2-Dibromoethane (EDB)	**<125**	ug/kg	300	125	5	08/04/17 08:15	08/05/17 00:20	106-93-4	W

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ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154221

Sample: SB-3 8-10 **Lab ID: 40154221018** Collected: 07/31/17 11:50 Received: 08/01/17 09:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Dibromomethane	**<125**	ug/kg	300	125	5	08/04/17 08:15	08/05/17 00:20	74-95-3	W
1,2-Dichlorobenzene	**<125**	ug/kg	300	125	5	08/04/17 08:15	08/05/17 00:20	95-50-1	W
1,3-Dichlorobenzene	**<125**	ug/kg	300	125	5	08/04/17 08:15	08/05/17 00:20	541-73-1	W
1,4-Dichlorobenzene	**<125**	ug/kg	300	125	5	08/04/17 08:15	08/05/17 00:20	106-46-7	W
Dichlorodifluoromethane	**<125**	ug/kg	300	125	5	08/04/17 08:15	08/05/17 00:20	75-71-8	W
1,1-Dichloroethane	**<125**	ug/kg	300	125	5	08/04/17 08:15	08/05/17 00:20	75-34-3	W
1,2-Dichloroethane	**<125**	ug/kg	300	125	5	08/04/17 08:15	08/05/17 00:20	107-06-2	W
1,1-Dichloroethene	**<125**	ug/kg	300	125	5	08/04/17 08:15	08/05/17 00:20	75-35-4	W
cis-1,2-Dichloroethene	**<125**	ug/kg	300	125	5	08/04/17 08:15	08/05/17 00:20	156-59-2	W
trans-1,2-Dichloroethene	**<125**	ug/kg	300	125	5	08/04/17 08:15	08/05/17 00:20	156-60-5	W
1,2-Dichloropropane	**<125**	ug/kg	300	125	5	08/04/17 08:15	08/05/17 00:20	78-87-5	W
1,3-Dichloropropane	**<125**	ug/kg	300	125	5	08/04/17 08:15	08/05/17 00:20	142-28-9	W
2,2-Dichloropropane	**<125**	ug/kg	300	125	5	08/04/17 08:15	08/05/17 00:20	594-20-7	W
1,1-Dichloropropene	**<125**	ug/kg	300	125	5	08/04/17 08:15	08/05/17 00:20	563-58-6	W
cis-1,3-Dichloropropene	**<125**	ug/kg	300	125	5	08/04/17 08:15	08/05/17 00:20	10061-01-5	W
trans-1,3-Dichloropropene	**<125**	ug/kg	300	125	5	08/04/17 08:15	08/05/17 00:20	10061-02-6	W
Diisopropyl ether	**<125**	ug/kg	300	125	5	08/04/17 08:15	08/05/17 00:20	108-20-3	W
Ethylbenzene	**2170**	ug/kg	337	141	5	08/04/17 08:15	08/05/17 00:20	100-41-4	
Hexachloro-1,3-butadiene	**<125**	ug/kg	300	125	5	08/04/17 08:15	08/05/17 00:20	87-68-3	W
Isopropylbenzene (Cumene)	**933**	ug/kg	337	141	5	08/04/17 08:15	08/05/17 00:20	98-82-8	
p-Isopropyltoluene	**798**	ug/kg	337	141	5	08/04/17 08:15	08/05/17 00:20	99-87-6	
Methylene Chloride	**<125**	ug/kg	300	125	5	08/04/17 08:15	08/05/17 00:20	75-09-2	W
Methyl-tert-butyl ether	**<125**	ug/kg	300	125	5	08/04/17 08:15	08/05/17 00:20	1634-04-4	W
Naphthalene	**5870**	ug/kg	1410	225	5	08/04/17 08:15	08/05/17 00:20	91-20-3	
n-Propylbenzene	**3530**	ug/kg	337	141	5	08/04/17 08:15	08/05/17 00:20	103-65-1	
Styrene	**<125**	ug/kg	300	125	5	08/04/17 08:15	08/05/17 00:20	100-42-5	W
1,1,1,2-Tetrachloroethane	**<125**	ug/kg	300	125	5	08/04/17 08:15	08/05/17 00:20	630-20-6	W
1,1,2,2-Tetrachloroethane	**<125**	ug/kg	300	125	5	08/04/17 08:15	08/05/17 00:20	79-34-5	W
Tetrachloroethene	**<125**	ug/kg	300	125	5	08/04/17 08:15	08/05/17 00:20	127-18-4	W
Toluene	**<125**	ug/kg	300	125	5	08/04/17 08:15	08/05/17 00:20	108-88-3	W
1,2,3-Trichlorobenzene	**<125**	ug/kg	300	125	5	08/04/17 08:15	08/05/17 00:20	87-61-6	W
1,2,4-Trichlorobenzene	**<238**	ug/kg	1250	238	5	08/04/17 08:15	08/05/17 00:20	120-82-1	W
1,1,1-Trichloroethane	**<125**	ug/kg	300	125	5	08/04/17 08:15	08/05/17 00:20	71-55-6	W
1,1,2-Trichloroethane	**<125**	ug/kg	300	125	5	08/04/17 08:15	08/05/17 00:20	79-00-5	W
Trichloroethene	**<125**	ug/kg	300	125	5	08/04/17 08:15	08/05/17 00:20	79-01-6	W
Trichlorofluoromethane	**<125**	ug/kg	300	125	5	08/04/17 08:15	08/05/17 00:20	75-69-4	W
1,2,3-Trichloropropane	**<125**	ug/kg	300	125	5	08/04/17 08:15	08/05/17 00:20	96-18-4	W
1,2,4-Trimethylbenzene	**14600**	ug/kg	337	141	5	08/04/17 08:15	08/05/17 00:20	95-63-6	
1,3,5-Trimethylbenzene	**5450**	ug/kg	337	141	5	08/04/17 08:15	08/05/17 00:20	108-67-8	
Vinyl chloride	**<125**	ug/kg	300	125	5	08/04/17 08:15	08/05/17 00:20	75-01-4	W
m&p-Xylene	**9500**	ug/kg	675	281	5	08/04/17 08:15	08/05/17 00:20	179601-23-1	
o-Xylene	**1430**	ug/kg	337	141	5	08/04/17 08:15	08/05/17 00:20	95-47-6	
Surrogates									
Dibromofluoromethane (S)	114	%	68-130		5	08/04/17 08:15	08/05/17 00:20	1868-53-7	
Toluene-d8 (S)	102	%	68-149		5	08/04/17 08:15	08/05/17 00:20	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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(920)469-2436

ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154221

Sample: SB-3 8-10 **Lab ID: 40154221018** Collected: 07/31/17 11:50 Received: 08/01/17 09:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Surrogates									
4-Bromofluorobenzene (S)	103	%	58-141		5	08/04/17 08:15	08/05/17 00:20	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**11.1**	%	0.10	0.10	1		08/02/17 12:31		

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ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154221

Sample: SB-1 1-1.5 **Lab ID: 40154221019** Collected: 07/31/17 12:50 Received: 08/01/17 09:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050								
Lead	**9.2**	mg/kg	1.3	0.42	1	08/02/17 14:07	08/04/17 10:57	7439-92-1	
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546								
Acenaphthene	**<4.3**	ug/kg	14.2	4.3	1	08/10/17 08:35	08/10/17 16:43	83-32-9	
Acenaphthylene	**<3.6**	ug/kg	12.1	3.6	1	08/10/17 08:35	08/10/17 16:43	208-96-8	
Anthracene	**<6.3**	ug/kg	20.8	6.3	1	08/10/17 08:35	08/10/17 16:43	120-12-7	
Benzo(a)anthracene	**6.3J**	ug/kg	11.6	3.5	1	08/10/17 08:35	08/10/17 16:43	56-55-3	
Benzo(a)pyrene	**4.9J**	ug/kg	9.2	2.8	1	08/10/17 08:35	08/10/17 16:43	50-32-8	
Benzo(b)fluoranthene	**6.4J**	ug/kg	10.3	3.1	1	08/10/17 08:35	08/10/17 16:43	205-99-2	
Benzo(g,h,i)perylene	**3.8J**	ug/kg	7.4	2.2	1	08/10/17 08:35	08/10/17 16:43	191-24-2	
Benzo(k)fluoranthene	**3.3J**	ug/kg	9.2	2.8	1	08/10/17 08:35	08/10/17 16:43	207-08-9	
Chrysene	**5.2J**	ug/kg	12.3	3.7	1	08/10/17 08:35	08/10/17 16:43	218-01-9	
Dibenz(a,h)anthracene	**<2.5**	ug/kg	8.2	2.5	1	08/10/17 08:35	08/10/17 16:43	53-70-3	
Fluoranthene	**8.1J**	ug/kg	19.1	5.7	1	08/10/17 08:35	08/10/17 16:43	206-44-0	
Fluorene	**<4.5**	ug/kg	15.1	4.5	1	08/10/17 08:35	08/10/17 16:43	86-73-7	
Indeno(1,2,3-cd)pyrene	**3.0J**	ug/kg	8.0	2.4	1	08/10/17 08:35	08/10/17 16:43	193-39-5	
1-Methylnaphthalene	**<4.4**	ug/kg	14.7	4.4	1	08/10/17 08:35	08/10/17 16:43	90-12-0	
2-Methylnaphthalene	**<5.5**	ug/kg	18.3	5.5	1	08/10/17 08:35	08/10/17 16:43	91-57-6	
Naphthalene	**<9.2**	ug/kg	30.8	9.2	1	08/10/17 08:35	08/10/17 16:43	91-20-3	
Phenanthrene	**<12.8**	ug/kg	42.6	12.8	1	08/10/17 08:35	08/10/17 16:43	85-01-8	
Pyrene	**6.9J**	ug/kg	16.5	5.0	1	08/10/17 08:35	08/10/17 16:43	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	60	%	19-96		1	08/10/17 08:35	08/10/17 16:43	321-60-8	
Terphenyl-d14 (S)	61	%	31-98		1	08/10/17 08:35	08/10/17 16:43	1718-51-0	
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 07:52	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 07:52	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 07:52	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 07:52	75-27-4	W
Bromoform	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 07:52	75-25-2	W
Bromomethane	**<69.9**	ug/kg	250	69.9	1	08/04/17 08:15	08/07/17 07:52	74-83-9	W
n-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 07:52	104-51-8	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 07:52	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 07:52	98-06-6	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 07:52	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 07:52	108-90-7	W
Chloroethane	**<67.0**	ug/kg	250	67.0	1	08/04/17 08:15	08/07/17 07:52	75-00-3	W
Chloroform	**<46.4**	ug/kg	250	46.4	1	08/04/17 08:15	08/07/17 07:52	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 07:52	74-87-3	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 07:52	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 07:52	106-43-4	W
1,2-Dibromo-3-chloropropane	**<91.2**	ug/kg	250	91.2	1	08/04/17 08:15	08/07/17 07:52	96-12-8	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 07:52	124-48-1	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 07:52	106-93-4	W

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ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154221

Sample: SB-1 1-1.5 **Lab ID: 40154221019** Collected: 07/31/17 12:50 Received: 08/01/17 09:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 07:52	74-95-3	W
1,2-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 07:52	95-50-1	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 07:52	541-73-1	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 07:52	106-46-7	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 07:52	75-71-8	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 07:52	75-34-3	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 07:52	107-06-2	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 07:52	75-35-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 07:52	156-59-2	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 07:52	156-60-5	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 07:52	78-87-5	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 07:52	142-28-9	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 07:52	594-20-7	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 07:52	563-58-6	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 07:52	10061-01-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 07:52	10061-02-6	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 07:52	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 07:52	100-41-4	W
Hexachloro-1,3-butadiene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 07:52	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 07:52	98-82-8	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 07:52	99-87-6	W
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 07:52	75-09-2	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 07:52	1634-04-4	W
Naphthalene	**<40.0**	ug/kg	250	40.0	1	08/04/17 08:15	08/07/17 07:52	91-20-3	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 07:52	103-65-1	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 07:52	100-42-5	W
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 07:52	630-20-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 07:52	79-34-5	W
Tetrachloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 07:52	127-18-4	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 07:52	108-88-3	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 07:52	87-61-6	W
1,2,4-Trichlorobenzene	**<47.6**	ug/kg	250	47.6	1	08/04/17 08:15	08/07/17 07:52	120-82-1	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 07:52	71-55-6	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 07:52	79-00-5	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 07:52	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 07:52	75-69-4	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 07:52	96-18-4	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 07:52	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 07:52	108-67-8	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 07:52	75-01-4	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	08/04/17 08:15	08/07/17 07:52	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 07:52	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	113	%	68-130		1	08/04/17 08:15	08/07/17 07:52	1868-53-7	
Toluene-d8 (S)	111	%	68-149		1	08/04/17 08:15	08/07/17 07:52	2037-26-5	

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ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154221

Sample: SB-1 1-1.5 **Lab ID: 40154221019** Collected: 07/31/17 12:50 Received: 08/01/17 09:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Surrogates									
4-Bromofluorobenzene (S)	98	%	58-141		1	08/04/17 08:15	08/07/17 07:52	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**8.7**	%	0.10	0.10	1		08/02/17 12:32		

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ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154221

Sample: SB-20 3-4 **Lab ID: 40154221020** Collected: 07/31/17 12:15 Received: 08/01/17 09:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB	Analytical Method: EPA 8082 Preparation Method: EPA 3541								
PCB-1016 (Aroclor 1016)	**<28.1**	ug/kg	56.2	28.1	1	08/07/17 13:29	08/08/17 07:47	12674-11-2	
PCB-1221 (Aroclor 1221)	**<28.1**	ug/kg	56.2	28.1	1	08/07/17 13:29	08/08/17 07:47	11104-28-2	
PCB-1232 (Aroclor 1232)	**<28.1**	ug/kg	56.2	28.1	1	08/07/17 13:29	08/08/17 07:47	11141-16-5	
PCB-1242 (Aroclor 1242)	**<28.1**	ug/kg	56.2	28.1	1	08/07/17 13:29	08/08/17 07:47	53469-21-9	
PCB-1248 (Aroclor 1248)	**<28.1**	ug/kg	56.2	28.1	1	08/07/17 13:29	08/08/17 07:47	12672-29-6	
PCB-1254 (Aroclor 1254)	**<28.1**	ug/kg	56.2	28.1	1	08/07/17 13:29	08/08/17 07:47	11097-69-1	
PCB-1260 (Aroclor 1260)	**<28.1**	ug/kg	56.2	28.1	1	08/07/17 13:29	08/08/17 07:47	11096-82-5	
PCB, Total	**<28.1**	ug/kg	56.2	28.1	1	08/07/17 13:29	08/08/17 07:47	1336-36-3	
Surrogates									
Tetrachloro-m-xylene (S)	69	%	50-102		1	08/07/17 13:29	08/08/17 07:47	877-09-8	
Decachlorobiphenyl (S)	71	%	53-105		1	08/07/17 13:29	08/08/17 07:47	2051-24-3	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050								
Arsenic	**6.8**	mg/kg	5.1	1.1	1	08/02/17 14:07	08/04/17 10:59	7440-38-2	
Barium	**35.9**	mg/kg	0.51	0.15	1	08/02/17 14:07	08/04/17 10:59	7440-39-3	
Cadmium	**0.15J**	mg/kg	0.51	0.14	1	08/02/17 14:07	08/04/17 10:59	7440-43-9	
Chromium	**12.3**	mg/kg	1.0	0.28	1	08/02/17 14:07	08/04/17 10:59	7440-47-3	
Lead	**6.6**	mg/kg	1.3	0.44	1	08/02/17 14:07	08/04/17 10:59	7439-92-1	
Selenium	**<1.1**	mg/kg	5.1	1.1	1	08/02/17 14:07	08/04/17 10:59	7782-49-2	
Silver	**<0.35**	mg/kg	1.0	0.35	1	08/02/17 14:07	08/04/17 10:59	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471								
Mercury	**<0.012**	mg/kg	0.040	0.012	1	08/14/17 07:10	08/15/17 11:41	7439-97-6	
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546								
1,2,4-Trichlorobenzene	**<21.2**	ug/kg	70.8	21.2	1	08/03/17 10:50	08/04/17 16:48	120-82-1	
1,2-Dichlorobenzene	**<59.1**	ug/kg	197	59.1	1	08/03/17 10:50	08/04/17 16:48	95-50-1	
1,3-Dichlorobenzene	**<26.0**	ug/kg	86.7	26.0	1	08/03/17 10:50	08/04/17 16:48	541-73-1	
1,4-Dichlorobenzene	**<26.2**	ug/kg	87.2	26.2	1	08/03/17 10:50	08/04/17 16:48	106-46-7	
2,2'-Oxybis(1-chloropropane)	**<48.4**	ug/kg	161	48.4	1	08/03/17 10:50	08/04/17 16:48	108-60-1	
2,4,5-Trichlorophenol	**<33.2**	ug/kg	111	33.2	1	08/03/17 10:50	08/04/17 16:48	95-95-4	
2,4,6-Trichlorophenol	**<28.6**	ug/kg	95.4	28.6	1	08/03/17 10:50	08/04/17 16:48	88-06-2	
2,4-Dichlorophenol	**<50.2**	ug/kg	167	50.2	1	08/03/17 10:50	08/04/17 16:48	120-83-2	
2,4-Dimethylphenol	**<37.1**	ug/kg	124	37.1	1	08/03/17 10:50	08/04/17 16:48	105-67-9	
2,4-Dinitrophenol	**<57.2**	ug/kg	191	57.2	1	08/03/17 10:50	08/04/17 16:48	51-28-5	
2,4-Dinitrotoluene	**<26.9**	ug/kg	89.5	26.9	1	08/03/17 10:50	08/04/17 16:48	121-14-2	
2,6-Dinitrotoluene	**<35.7**	ug/kg	119	35.7	1	08/03/17 10:50	08/04/17 16:48	606-20-2	
2-Chloronaphthalene	**<24.1**	ug/kg	80.4	24.1	1	08/03/17 10:50	08/04/17 16:48	91-58-7	
2-Chlorophenol	**<46.9**	ug/kg	156	46.9	1	08/03/17 10:50	08/04/17 16:48	95-57-8	
2-Methylnaphthalene	**<48.8**	ug/kg	163	48.8	1	08/03/17 10:50	08/04/17 16:48	91-57-6	
2-Methylphenol(o-Cresol)	**<34.1**	ug/kg	114	34.1	1	08/03/17 10:50	08/04/17 16:48	95-48-7	
2-Nitroaniline	**<53.5**	ug/kg	178	53.5	1	08/03/17 10:50	08/04/17 16:48	88-74-4	
2-Nitrophenol	**<59.3**	ug/kg	198	59.3	1	08/03/17 10:50	08/04/17 16:48	88-75-5	
3&4-Methylphenol(m&p Cresol)	**<34.4**	ug/kg	115	34.4	1	08/03/17 10:50	08/04/17 16:48		
3,3'-Dichlorobenzidine	**<51.0**	ug/kg	170	51.0	1	08/03/17 10:50	08/04/17 16:48	91-94-1	

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1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154221

Sample: SB-20 3-4 **Lab ID: 40154221020** Collected: 07/31/17 12:15 Received: 08/01/17 09:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546								
3-Nitroaniline	**<31.9**	ug/kg	106	31.9	1	08/03/17 10:50	08/04/17 16:48	99-09-2	
4,6-Dinitro-2-methylphenol	**<57.9**	ug/kg	193	57.9	1	08/03/17 10:50	08/04/17 16:48	534-52-1	
4-Bromophenylphenyl ether	**<39.3**	ug/kg	131	39.3	1	08/03/17 10:50	08/04/17 16:48	101-55-3	
4-Chloro-3-methylphenol	**<58.4**	ug/kg	195	58.4	1	08/03/17 10:50	08/04/17 16:48	59-50-7	
4-Chloroaniline	**<30.9**	ug/kg	103	30.9	1	08/03/17 10:50	08/04/17 16:48	106-47-8	
4-Chlorophenylphenyl ether	**<35.0**	ug/kg	117	35.0	1	08/03/17 10:50	08/04/17 16:48	7005-72-3	
4-Nitroaniline	**<78.0**	ug/kg	260	78.0	1	08/03/17 10:50	08/04/17 16:48	100-01-6	
4-Nitrophenol	**<47.3**	ug/kg	158	47.3	1	08/03/17 10:50	08/04/17 16:48	100-02-7	
Acenaphthene	**<66.6**	ug/kg	222	66.6	1	08/03/17 10:50	08/04/17 16:48	83-32-9	
Acenaphthylene	**<67.0**	ug/kg	223	67.0	1	08/03/17 10:50	08/04/17 16:48	208-96-8	
Anthracene	**<30.0**	ug/kg	100	30.0	1	08/03/17 10:50	08/04/17 16:48	120-12-7	
Benzo(a)anthracene	**<29.1**	ug/kg	97.0	29.1	1	08/03/17 10:50	08/04/17 16:48	56-55-3	
Benzo(a)pyrene	**74.9J**	ug/kg	94.2	28.3	1	08/03/17 10:50	08/04/17 16:48	50-32-8	
Benzo(b)fluoranthene	**71.6J**	ug/kg	108	32.3	1	08/03/17 10:50	08/04/17 16:48	205-99-2	
Benzo(g,h,i)perylene	**135J**	ug/kg	164	49.1	1	08/03/17 10:50	08/04/17 16:48	191-24-2	
Benzo(k)fluoranthene	**<45.0**	ug/kg	150	45.0	1	08/03/17 10:50	08/04/17 16:48	207-08-9	
Butylbenzylphthalate	**<30.1**	ug/kg	100	30.1	1	08/03/17 10:50	08/04/17 16:48	85-68-7	
Carbazole	**<29.4**	ug/kg	98.0	29.4	1	08/03/17 10:50	08/04/17 16:48	86-74-8	
Chrysene	**28.6J**	ug/kg	93.6	28.1	1	08/03/17 10:50	08/04/17 16:48	218-01-9	
Di-n-butylphthalate	**<28.1**	ug/kg	93.6	28.1	1	08/03/17 10:50	08/04/17 16:48	84-74-2	
Di-n-octylphthalate	**<42.2**	ug/kg	141	42.2	1	08/03/17 10:50	08/04/17 16:48	117-84-0	
Dibenz(a,h)anthracene	**<51.0**	ug/kg	170	51.0	1	08/03/17 10:50	08/04/17 16:48	53-70-3	
Dibenzofuran	**<22.7**	ug/kg	75.8	22.7	1	08/03/17 10:50	08/04/17 16:48	132-64-9	
Diethylphthalate	**<31.1**	ug/kg	104	31.1	1	08/03/17 10:50	08/04/17 16:48	84-66-2	
Dimethylphthalate	**<24.4**	ug/kg	81.4	24.4	1	08/03/17 10:50	08/04/17 16:48	131-11-3	
Fluoranthene	**<26.6**	ug/kg	88.6	26.6	1	08/03/17 10:50	08/04/17 16:48	206-44-0	
Fluorene	**<22.0**	ug/kg	73.2	22.0	1	08/03/17 10:50	08/04/17 16:48	86-73-7	
Hexachloro-1,3-butadiene	**<47.8**	ug/kg	159	47.8	1	08/03/17 10:50	08/04/17 16:48	87-68-3	
Hexachlorobenzene	**<31.6**	ug/kg	105	31.6	1	08/03/17 10:50	08/04/17 16:48	118-74-1	
Hexachlorocyclopentadiene	**<44.4**	ug/kg	148	44.4	1	08/03/17 10:50	08/04/17 16:48	77-47-4	
Hexachloroethane	**<30.1**	ug/kg	100	30.1	1	08/03/17 10:50	08/04/17 16:48	67-72-1	
Indeno(1,2,3-cd)pyrene	**109J**	ug/kg	135	40.6	1	08/03/17 10:50	08/04/17 16:48	193-39-5	
Isophorone	**<28.9**	ug/kg	96.2	28.9	1	08/03/17 10:50	08/04/17 16:48	78-59-1	
N-Nitroso-di-n-propylamine	**<29.8**	ug/kg	99.3	29.8	1	08/03/17 10:50	08/04/17 16:48	621-64-7	
N-Nitrosodiphenylamine	**<255**	ug/kg	849	255	1	08/03/17 10:50	08/04/17 16:48	86-30-6	
Naphthalene	**<65.7**	ug/kg	219	65.7	1	08/03/17 10:50	08/04/17 16:48	91-20-3	
Nitrobenzene	**<38.1**	ug/kg	127	38.1	1	08/03/17 10:50	08/04/17 16:48	98-95-3	
Pentachlorophenol	**<41.4**	ug/kg	138	41.4	1	08/03/17 10:50	08/04/17 16:48	87-86-5	
Phenanthrene	**<24.1**	ug/kg	80.3	24.1	1	08/03/17 10:50	08/04/17 16:48	85-01-8	
Phenol	**<44.6**	ug/kg	149	44.6	1	08/03/17 10:50	08/04/17 16:48	108-95-2	
Pyrene	**<41.6**	ug/kg	139	41.6	1	08/03/17 10:50	08/04/17 16:48	129-00-0	
bis(2-Chloroethoxy)methane	**<50.6**	ug/kg	169	50.6	1	08/03/17 10:50	08/04/17 16:48	111-91-1	
bis(2-Chloroethyl) ether	**<58.6**	ug/kg	195	58.6	1	08/03/17 10:50	08/04/17 16:48	111-44-4	
bis(2-Ethylhexyl)phthalate	**<31.2**	ug/kg	104	31.2	1	08/03/17 10:50	08/04/17 16:48	117-81-7	

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ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154221

Sample: SB-20 3-4 **Lab ID: 40154221020** Collected: 07/31/17 12:15 Received: 08/01/17 09:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546								
Surrogates									
Nitrobenzene-d5 (S)	69	%	13-114		1	08/03/17 10:50	08/04/17 16:48	4165-60-0	
2-Fluorobiphenyl (S)	61	%	18-127		1	08/03/17 10:50	08/04/17 16:48	321-60-8	
Terphenyl-d14 (S)	70	%	41-109		1	08/03/17 10:50	08/04/17 16:48	1718-51-0	
Phenol-d6 (S)	55	%	30-97		1	08/03/17 10:50	08/04/17 16:48	13127-88-3	
2-Fluorophenol (S)	58	%	16-103		1	08/03/17 10:50	08/04/17 16:48	367-12-4	
2,4,6-Tribromophenol (S)	68	%	13-143		1	08/03/17 10:50	08/04/17 16:48	118-79-6	
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Benzene	**<25.5**	ug/kg	61.2	25.5	1	08/04/17 08:15	08/07/17 08:15	71-43-2	W
Bromobenzene	**<25.5**	ug/kg	61.2	25.5	1	08/04/17 08:15	08/07/17 08:15	108-86-1	W
Bromochloromethane	**<25.5**	ug/kg	61.2	25.5	1	08/04/17 08:15	08/07/17 08:15	74-97-5	W
Bromodichloromethane	**<25.5**	ug/kg	61.2	25.5	1	08/04/17 08:15	08/07/17 08:15	75-27-4	W
Bromoform	**<25.5**	ug/kg	61.2	25.5	1	08/04/17 08:15	08/07/17 08:15	75-25-2	W
Bromomethane	**<71.3**	ug/kg	255	71.3	1	08/04/17 08:15	08/07/17 08:15	74-83-9	W
n-Butylbenzene	**<25.5**	ug/kg	61.2	25.5	1	08/04/17 08:15	08/07/17 08:15	104-51-8	W
sec-Butylbenzene	**<25.5**	ug/kg	61.2	25.5	1	08/04/17 08:15	08/07/17 08:15	135-98-8	W
tert-Butylbenzene	**<25.5**	ug/kg	61.2	25.5	1	08/04/17 08:15	08/07/17 08:15	98-06-6	W
Carbon tetrachloride	**<25.5**	ug/kg	61.2	25.5	1	08/04/17 08:15	08/07/17 08:15	56-23-5	W
Chlorobenzene	**<25.5**	ug/kg	61.2	25.5	1	08/04/17 08:15	08/07/17 08:15	108-90-7	W
Chloroethane	**<68.4**	ug/kg	255	68.4	1	08/04/17 08:15	08/07/17 08:15	75-00-3	W
Chloroform	**<47.4**	ug/kg	255	47.4	1	08/04/17 08:15	08/07/17 08:15	67-66-3	W
Chloromethane	**<25.5**	ug/kg	61.2	25.5	1	08/04/17 08:15	08/07/17 08:15	74-87-3	W
2-Chlorotoluene	**<25.5**	ug/kg	61.2	25.5	1	08/04/17 08:15	08/07/17 08:15	95-49-8	W
4-Chlorotoluene	**<25.5**	ug/kg	61.2	25.5	1	08/04/17 08:15	08/07/17 08:15	106-43-4	W
1,2-Dibromo-3-chloropropane	**<93.1**	ug/kg	255	93.1	1	08/04/17 08:15	08/07/17 08:15	96-12-8	W
Dibromochloromethane	**<25.5**	ug/kg	61.2	25.5	1	08/04/17 08:15	08/07/17 08:15	124-48-1	W
1,2-Dibromoethane (EDB)	**<25.5**	ug/kg	61.2	25.5	1	08/04/17 08:15	08/07/17 08:15	106-93-4	W
Dibromomethane	**<25.5**	ug/kg	61.2	25.5	1	08/04/17 08:15	08/07/17 08:15	74-95-3	W
1,2-Dichlorobenzene	**<25.5**	ug/kg	61.2	25.5	1	08/04/17 08:15	08/07/17 08:15	95-50-1	W
1,3-Dichlorobenzene	**<25.5**	ug/kg	61.2	25.5	1	08/04/17 08:15	08/07/17 08:15	541-73-1	W
1,4-Dichlorobenzene	**<25.5**	ug/kg	61.2	25.5	1	08/04/17 08:15	08/07/17 08:15	106-46-7	W
Dichlorodifluoromethane	**<25.5**	ug/kg	61.2	25.5	1	08/04/17 08:15	08/07/17 08:15	75-71-8	W
1,1-Dichloroethane	**<25.5**	ug/kg	61.2	25.5	1	08/04/17 08:15	08/07/17 08:15	75-34-3	W
1,2-Dichloroethane	**<25.5**	ug/kg	61.2	25.5	1	08/04/17 08:15	08/07/17 08:15	107-06-2	W
1,1-Dichloroethene	**<25.5**	ug/kg	61.2	25.5	1	08/04/17 08:15	08/07/17 08:15	75-35-4	W
cis-1,2-Dichloroethene	**<25.5**	ug/kg	61.2	25.5	1	08/04/17 08:15	08/07/17 08:15	156-59-2	W
trans-1,2-Dichloroethene	**<25.5**	ug/kg	61.2	25.5	1	08/04/17 08:15	08/07/17 08:15	156-60-5	W
1,2-Dichloropropane	**<25.5**	ug/kg	61.2	25.5	1	08/04/17 08:15	08/07/17 08:15	78-87-5	W
1,3-Dichloropropane	**<25.5**	ug/kg	61.2	25.5	1	08/04/17 08:15	08/07/17 08:15	142-28-9	W
2,2-Dichloropropane	**<25.5**	ug/kg	61.2	25.5	1	08/04/17 08:15	08/07/17 08:15	594-20-7	W
1,1-Dichloropropene	**<25.5**	ug/kg	61.2	25.5	1	08/04/17 08:15	08/07/17 08:15	563-58-6	W
cis-1,3-Dichloropropene	**<25.5**	ug/kg	61.2	25.5	1	08/04/17 08:15	08/07/17 08:15	10061-01-5	W
trans-1,3-Dichloropropene	**<25.5**	ug/kg	61.2	25.5	1	08/04/17 08:15	08/07/17 08:15	10061-02-6	W
Diisopropyl ether	**<25.5**	ug/kg	61.2	25.5	1	08/04/17 08:15	08/07/17 08:15	108-20-3	W

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ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154221

Sample: SB-20 3-4 **Lab ID: 40154221020** Collected: 07/31/17 12:15 Received: 08/01/17 09:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Ethylbenzene	**<25.5**	ug/kg	61.2	25.5	1	08/04/17 08:15	08/07/17 08:15	100-41-4	W
Hexachloro-1,3-butadiene	**<25.5**	ug/kg	61.2	25.5	1	08/04/17 08:15	08/07/17 08:15	87-68-3	W
Isopropylbenzene (Cumene)	**<25.5**	ug/kg	61.2	25.5	1	08/04/17 08:15	08/07/17 08:15	98-82-8	W
p-Isopropyltoluene	**<25.5**	ug/kg	61.2	25.5	1	08/04/17 08:15	08/07/17 08:15	99-87-6	W
Methylene Chloride	**<25.5**	ug/kg	61.2	25.5	1	08/04/17 08:15	08/07/17 08:15	75-09-2	W
Methyl-tert-butyl ether	**<25.5**	ug/kg	61.2	25.5	1	08/04/17 08:15	08/07/17 08:15	1634-04-4	W
Naphthalene	**<40.9**	ug/kg	255	40.9	1	08/04/17 08:15	08/07/17 08:15	91-20-3	W
n-Propylbenzene	**<25.5**	ug/kg	61.2	25.5	1	08/04/17 08:15	08/07/17 08:15	103-65-1	W
Styrene	**<25.5**	ug/kg	61.2	25.5	1	08/04/17 08:15	08/07/17 08:15	100-42-5	W
1,1,1,2-Tetrachloroethane	**<25.5**	ug/kg	61.2	25.5	1	08/04/17 08:15	08/07/17 08:15	630-20-6	W
1,1,2,2-Tetrachloroethane	**<25.5**	ug/kg	61.2	25.5	1	08/04/17 08:15	08/07/17 08:15	79-34-5	W
Tetrachloroethene	**29.9J**	ug/kg	68.8	28.7	1	08/04/17 08:15	08/07/17 08:15	127-18-4	
Toluene	**<25.5**	ug/kg	61.2	25.5	1	08/04/17 08:15	08/07/17 08:15	108-88-3	W
1,2,3-Trichlorobenzene	**<25.5**	ug/kg	61.2	25.5	1	08/04/17 08:15	08/07/17 08:15	87-61-6	W
1,2,4-Trichlorobenzene	**<48.5**	ug/kg	255	48.5	1	08/04/17 08:15	08/07/17 08:15	120-82-1	W
1,1,1-Trichloroethane	**<25.5**	ug/kg	61.2	25.5	1	08/04/17 08:15	08/07/17 08:15	71-55-6	W
1,1,2-Trichloroethane	**<25.5**	ug/kg	61.2	25.5	1	08/04/17 08:15	08/07/17 08:15	79-00-5	W
Trichloroethene	**<25.5**	ug/kg	61.2	25.5	1	08/04/17 08:15	08/07/17 08:15	79-01-6	W
Trichlorofluoromethane	**<25.5**	ug/kg	61.2	25.5	1	08/04/17 08:15	08/07/17 08:15	75-69-4	W
1,2,3-Trichloropropane	**<25.5**	ug/kg	61.2	25.5	1	08/04/17 08:15	08/07/17 08:15	96-18-4	W
1,2,4-Trimethylbenzene	**<25.5**	ug/kg	61.2	25.5	1	08/04/17 08:15	08/07/17 08:15	95-63-6	W
1,3,5-Trimethylbenzene	**<25.5**	ug/kg	61.2	25.5	1	08/04/17 08:15	08/07/17 08:15	108-67-8	W
Vinyl chloride	**<25.5**	ug/kg	61.2	25.5	1	08/04/17 08:15	08/07/17 08:15	75-01-4	W
m&p-Xylene	**<51.0**	ug/kg	122	51.0	1	08/04/17 08:15	08/07/17 08:15	179601-23-1	W
o-Xylene	**<25.5**	ug/kg	61.2	25.5	1	08/04/17 08:15	08/07/17 08:15	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	115	%	68-130		1	08/04/17 08:15	08/07/17 08:15	1868-53-7	
Toluene-d8 (S)	116	%	68-149		1	08/04/17 08:15	08/07/17 08:15	2037-26-5	
4-Bromofluorobenzene (S)	98	%	58-141		1	08/04/17 08:15	08/07/17 08:15	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**11.0**	%	0.10	0.10	1		08/02/17 12:32		

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ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154221

Sample: TRIP BLANK **Lab ID: 40154221021** Collected: 07/31/17 00:00 Received: 08/01/17 09:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<0.50**	ug/L	1.0	0.50	1		08/03/17 13:55	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		08/03/17 13:55	108-86-1	
Bromochloromethane	**<0.34**	ug/L	1.0	0.34	1		08/03/17 13:55	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		08/03/17 13:55	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		08/03/17 13:55	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		08/03/17 13:55	74-83-9	
n-Butylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/03/17 13:55	104-51-8	
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		08/03/17 13:55	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		08/03/17 13:55	98-06-6	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		08/03/17 13:55	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/03/17 13:55	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		08/03/17 13:55	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		08/03/17 13:55	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		08/03/17 13:55	74-87-3	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		08/03/17 13:55	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		08/03/17 13:55	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		08/03/17 13:55	96-12-8	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		08/03/17 13:55	124-48-1	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		08/03/17 13:55	106-93-4	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		08/03/17 13:55	74-95-3	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/03/17 13:55	95-50-1	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/03/17 13:55	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/03/17 13:55	106-46-7	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		08/03/17 13:55	75-71-8	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		08/03/17 13:55	75-34-3	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		08/03/17 13:55	107-06-2	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		08/03/17 13:55	75-35-4	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		08/03/17 13:55	156-59-2	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		08/03/17 13:55	156-60-5	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		08/03/17 13:55	78-87-5	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		08/03/17 13:55	142-28-9	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		08/03/17 13:55	594-20-7	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		08/03/17 13:55	563-58-6	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		08/03/17 13:55	10061-01-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		08/03/17 13:55	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		08/03/17 13:55	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/03/17 13:55	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		08/03/17 13:55	87-68-3	
Isopropylbenzene (Cumene)	**<0.14**	ug/L	1.0	0.14	1		08/03/17 13:55	98-82-8	
p-Isopropyltoluene	**<0.50**	ug/L	1.0	0.50	1		08/03/17 13:55	99-87-6	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		08/03/17 13:55	75-09-2	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		08/03/17 13:55	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		08/03/17 13:55	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/03/17 13:55	103-65-1	
Styrene	**<0.50**	ug/L	1.0	0.50	1		08/03/17 13:55	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		08/03/17 13:55	630-20-6	

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ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154221

Sample: TRIP BLANK **Lab ID: 40154221021** Collected: 07/31/17 00:00 Received: 08/01/17 09:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,2,2-Tetrachloroethane	**<0.25**	ug/L	1.0	0.25	1		08/03/17 13:55	79-34-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		08/03/17 13:55	127-18-4	
Toluene	**<0.50**	ug/L	1.0	0.50	1		08/03/17 13:55	108-88-3	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		08/03/17 13:55	87-61-6	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		08/03/17 13:55	120-82-1	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		08/03/17 13:55	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		08/03/17 13:55	79-00-5	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		08/03/17 13:55	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		08/03/17 13:55	75-69-4	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		08/03/17 13:55	96-18-4	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/03/17 13:55	95-63-6	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/03/17 13:55	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		08/03/17 13:55	75-01-4	
m&p-Xylene	**<1.0**	ug/L	2.0	1.0	1		08/03/17 13:55	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		08/03/17 13:55	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	89	%	61-130		1		08/03/17 13:55	460-00-4	
Dibromofluoromethane (S)	108	%	67-130		1		08/03/17 13:55	1868-53-7	
Toluene-d8 (S)	99	%	70-130		1		08/03/17 13:55	2037-26-5	

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QUALITY CONTROL DATA

Project: 0403363 KRAFT
Pace Project No.: 40154221

QC Batch: 263725 | Analysis Method: EPA 7470
QC Batch Method: EPA 7470 | Analysis Description: 7470 Mercury
Associated Lab Samples: 40154221001, 40154221002, 40154221007, 40154221008

METHOD BLANK: 1552331 | Matrix: Water
Associated Lab Samples: 40154221001, 40154221002, 40154221007, 40154221008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	<0.13	0.42	08/08/17 07:53	

LABORATORY CONTROL SAMPLE: 1552332

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	5	4.9	98	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1552333 1552334

Parameter	Units	40154213001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	ug/L	<0.13	5	5	4.6	4.7	92	93	85-115	1	20	

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QUALITY CONTROL DATA

Project: 0403363 KRAFT
Pace Project No.: 40154221

QC Batch: 264416 | Analysis Method: EPA 7471
QC Batch Method: EPA 7471 | Analysis Description: 7471 Mercury
Associated Lab Samples: 40154221010, 40154221011, 40154221014, 40154221016, 40154221020

METHOD BLANK: 1556304 | Matrix: Solid
Associated Lab Samples: 40154221010, 40154221011, 40154221014, 40154221016, 40154221020

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	mg/kg	<0.011	0.037	08/15/17 11:13	

LABORATORY CONTROL SAMPLE: 1556305

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/kg	.83	0.74	89	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1556306 1556307

Parameter	Units	40154621001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	mg/kg	0.016J	.89	.9	0.79	0.84	87	92	85-115	6	20	

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QUALITY CONTROL DATA

Project: 0403363 KRAFT
Pace Project No.: 40154221

QC Batch: 263344 | Analysis Method: EPA 6010
QC Batch Method: EPA 3050 | Analysis Description: 6010 MET
Associated Lab Samples: 40154221010, 40154221011, 40154221012, 40154221013, 40154221014, 40154221015, 40154221016, 40154221017, 40154221018, 40154221019, 40154221020

METHOD BLANK: 1549600 | Matrix: Solid
Associated Lab Samples: 40154221010, 40154221011, 40154221012, 40154221013, 40154221014, 40154221015, 40154221016, 40154221017, 40154221018, 40154221019, 40154221020

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/kg	<1.0	5.0	08/04/17 08:12	
Barium	mg/kg	<0.15	0.50	08/04/17 08:12	
Cadmium	mg/kg	<0.13	0.50	08/04/17 08:12	
Chromium	mg/kg	<0.28	1.0	08/04/17 08:12	
Lead	mg/kg	<0.43	1.3	08/04/17 08:12	
Selenium	mg/kg	<1.1	5.0	08/04/17 08:12	
Silver	mg/kg	<0.34	1.0	08/04/17 08:12	

LABORATORY CONTROL SAMPLE: 1549601

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/kg	50	49.2	98	80-120	
Barium	mg/kg	50	51.2	102	80-120	
Cadmium	mg/kg	50	51.4	103	80-120	
Chromium	mg/kg	50	51.8	104	80-120	
Lead	mg/kg	50	51.3	103	80-120	
Selenium	mg/kg	50	51.9	104	80-120	
Silver	mg/kg	25	26.0	104	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1549602 1549603

Parameter	Units	40154104003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Arsenic	mg/kg	2.8J	98.3	98.9	93.5	97.0	92	95	75-125	4	20	
Barium	mg/kg	225	98.3	98.9	275	269	50	45	75-125	2	20	M0
Cadmium	mg/kg	0.47J	98.3	98.9	96.8	98.2	98	99	75-125	1	20	
Chromium	mg/kg	25.8	98.3	98.9	128	132	104	107	75-125	3	20	
Lead	mg/kg	20.3	98.3	98.9	111	110	92	91	75-125	1	20	
Selenium	mg/kg	<2.2	98.3	98.9	96.4	98.1	98	99	75-125	2	20	
Silver	mg/kg	<0.68	49.1	49.5	48.9	49.1	99	99	75-125	0	20	

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QUALITY CONTROL DATA

Project: 0403363 KRAFT
Pace Project No.: 40154221

QC Batch: 263496 | Analysis Method: EPA 6010
QC Batch Method: EPA 3010 | Analysis Description: 6010 MET
Associated Lab Samples: 40154221001, 40154221002, 40154221003, 40154221004, 40154221005, 40154221006, 40154221007, 40154221008, 40154221009

METHOD BLANK: 1550637 | Matrix: Water
Associated Lab Samples: 40154221001, 40154221002, 40154221003, 40154221004, 40154221005, 40154221006, 40154221007, 40154221008, 40154221009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	ug/L	<8.3	25.0	08/04/17 11:08	
Barium	ug/L	<1.5	5.0	08/04/17 11:08	
Cadmium	ug/L	<1.3	5.0	08/04/17 11:08	
Chromium	ug/L	<2.5	10.0	08/04/17 11:08	
Lead	ug/L	<4.3	13.0	08/04/17 11:08	
Selenium	ug/L	<16.6	50.0	08/04/17 11:08	
Silver	ug/L	<3.3	10.0	08/04/17 11:08	

LABORATORY CONTROL SAMPLE: 1550638

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	ug/L	500	490	98	80-120	
Barium	ug/L	500	511	102	80-120	
Cadmium	ug/L	500	509	102	80-120	
Chromium	ug/L	500	512	102	80-120	
Lead	ug/L	500	505	101	80-120	
Selenium	ug/L	500	510	102	80-120	
Silver	ug/L	250	253	101	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1550639 1550640

Parameter	Units	40154221001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Arsenic	ug/L	29.6	500	500	514	517	97	98	75-125	1	20	
Barium	ug/L	213	500	500	708	724	99	102	75-125	2	20	
Cadmium	ug/L	<1.3	500	500	505	508	101	101	75-125	1	20	
Chromium	ug/L	19.5	500	500	512	519	98	100	75-125	1	20	
Lead	ug/L	26.9	500	500	514	520	97	99	75-125	1	20	
Selenium	ug/L	<16.6	500	500	507	517	101	103	75-125	2	20	
Silver	ug/L	<3.3	250	250	256	256	102	102	75-125	0	20	

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QUALITY CONTROL DATA

Project: 0403363 KRAFT
Pace Project No.: 40154221

QC Batch: 263456 | Analysis Method: EPA 8260
QC Batch Method: EPA 5035/5030B | Analysis Description: 8260 MSV Med Level Normal List
Associated Lab Samples: 40154221011, 40154221012, 40154221013, 40154221014, 40154221015, 40154221016

METHOD BLANK: 1550340 | Matrix: Solid
Associated Lab Samples: 40154221011, 40154221012, 40154221013, 40154221014, 40154221015, 40154221016

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	<13.7	50.0	08/03/17 08:54	
1,1,1-Trichloroethane	ug/kg	<14.4	50.0	08/03/17 08:54	
1,1,2,2-Tetrachloroethane	ug/kg	<17.5	50.0	08/03/17 08:54	
1,1,2-Trichloroethane	ug/kg	<20.2	50.0	08/03/17 08:54	
1,1-Dichloroethane	ug/kg	<17.6	50.0	08/03/17 08:54	
1,1-Dichloroethene	ug/kg	<17.6	50.0	08/03/17 08:54	
1,1-Dichloropropene	ug/kg	<14.0	50.0	08/03/17 08:54	
1,2,3-Trichlorobenzene	ug/kg	<17.0	50.0	08/03/17 08:54	
1,2,3-Trichloropropane	ug/kg	<22.3	50.0	08/03/17 08:54	
1,2,4-Trichlorobenzene	ug/kg	<47.6	250	08/03/17 08:54	
1,2,4-Trimethylbenzene	ug/kg	<12.2	50.0	08/03/17 08:54	
1,2-Dibromo-3-chloropropane	ug/kg	<91.2	250	08/03/17 08:54	
1,2-Dibromoethane (EDB)	ug/kg	<14.7	50.0	08/03/17 08:54	
1,2-Dichlorobenzene	ug/kg	<16.2	50.0	08/03/17 08:54	
1,2-Dichloroethane	ug/kg	<15.0	50.0	08/03/17 08:54	
1,2-Dichloropropane	ug/kg	<16.8	50.0	08/03/17 08:54	
1,3,5-Trimethylbenzene	ug/kg	<14.5	50.0	08/03/17 08:54	
1,3-Dichlorobenzene	ug/kg	<13.2	50.0	08/03/17 08:54	
1,3-Dichloropropane	ug/kg	<12.0	50.0	08/03/17 08:54	
1,4-Dichlorobenzene	ug/kg	<15.9	50.0	08/03/17 08:54	
2,2-Dichloropropane	ug/kg	<12.6	50.0	08/03/17 08:54	
2-Chlorotoluene	ug/kg	<15.8	50.0	08/03/17 08:54	
4-Chlorotoluene	ug/kg	<13.0	50.0	08/03/17 08:54	
Benzene	ug/kg	<9.2	20.0	08/03/17 08:54	
Bromobenzene	ug/kg	<20.6	50.0	08/03/17 08:54	
Bromochloromethane	ug/kg	<21.4	50.0	08/03/17 08:54	
Bromodichloromethane	ug/kg	<9.8	50.0	08/03/17 08:54	
Bromoform	ug/kg	<19.8	50.0	08/03/17 08:54	
Bromomethane	ug/kg	<69.9	250	08/03/17 08:54	
Carbon tetrachloride	ug/kg	<12.1	50.0	08/03/17 08:54	
Chlorobenzene	ug/kg	<14.8	50.0	08/03/17 08:54	
Chloroethane	ug/kg	<67.0	250	08/03/17 08:54	
Chloroform	ug/kg	<46.4	250	08/03/17 08:54	
Chloromethane	ug/kg	<20.4	50.0	08/03/17 08:54	
cis-1,2-Dichloroethene	ug/kg	<16.6	50.0	08/03/17 08:54	
cis-1,3-Dichloropropene	ug/kg	<16.6	50.0	08/03/17 08:54	
Dibromochloromethane	ug/kg	<17.9	50.0	08/03/17 08:54	
Dibromomethane	ug/kg	<19.3	50.0	08/03/17 08:54	
Dichlorodifluoromethane	ug/kg	<12.3	50.0	08/03/17 08:54	
Diisopropyl ether	ug/kg	<17.7	50.0	08/03/17 08:54	
Ethylbenzene	ug/kg	<12.4	50.0	08/03/17 08:54	

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QUALITY CONTROL DATA

Project: 0403363 KRAFT
Pace Project No.: 40154221

METHOD BLANK: 1550340 Matrix: Solid
Associated Lab Samples: 40154221011, 40154221012, 40154221013, 40154221014, 40154221015, 40154221016

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Hexachloro-1,3-butadiene	ug/kg	<24.5	50.0	08/03/17 08:54	
Isopropylbenzene (Cumene)	ug/kg	<12.6	50.0	08/03/17 08:54	
m&p-Xylene	ug/kg	<34.4	100	08/03/17 08:54	
Methyl-tert-butyl ether	ug/kg	<12.7	50.0	08/03/17 08:54	
Methylene Chloride	ug/kg	19.2J	50.0	08/03/17 08:54	
n-Butylbenzene	ug/kg	<10.5	50.0	08/03/17 08:54	
n-Propylbenzene	ug/kg	<11.6	50.0	08/03/17 08:54	
Naphthalene	ug/kg	<40.0	250	08/03/17 08:54	
o-Xylene	ug/kg	<14.0	50.0	08/03/17 08:54	
p-Isopropyltoluene	ug/kg	<12.0	50.0	08/03/17 08:54	
sec-Butylbenzene	ug/kg	<11.9	50.0	08/03/17 08:54	
Styrene	ug/kg	<9.0	50.0	08/03/17 08:54	
tert-Butylbenzene	ug/kg	<9.5	50.0	08/03/17 08:54	
Tetrachloroethene	ug/kg	<12.9	50.0	08/03/17 08:54	
Toluene	ug/kg	<11.2	50.0	08/03/17 08:54	
trans-1,2-Dichloroethene	ug/kg	<16.5	50.0	08/03/17 08:54	
trans-1,3-Dichloropropene	ug/kg	<14.4	50.0	08/03/17 08:54	
Trichloroethene	ug/kg	<23.6	50.0	08/03/17 08:54	
Trichlorofluoromethane	ug/kg	<24.7	50.0	08/03/17 08:54	
Vinyl chloride	ug/kg	<21.1	50.0	08/03/17 08:54	
4-Bromofluorobenzene (S)	%	90	58-141	08/03/17 08:54	
Dibromofluoromethane (S)	%	109	68-130	08/03/17 08:54	
Toluene-d8 (S)	%	107	68-149	08/03/17 08:54	

LABORATORY CONTROL SAMPLE: 1550341

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/kg	2500	2310	93	61-122	
1,1,2,2-Tetrachloroethane	ug/kg	2500	2510	100	73-130	
1,1,2-Trichloroethane	ug/kg	2500	2670	107	70-130	
1,1-Dichloroethane	ug/kg	2500	2470	99	63-124	
1,1-Dichloroethene	ug/kg	2500	2490	100	53-117	
1,2,4-Trichlorobenzene	ug/kg	2500	2140	86	78-130	
1,2-Dibromo-3-chloropropane	ug/kg	2500	2050	82	49-140	
1,2-Dibromoethane (EDB)	ug/kg	2500	2520	101	70-130	
1,2-Dichlorobenzene	ug/kg	2500	2410	96	70-130	
1,2-Dichloroethane	ug/kg	2500	2340	94	56-135	
1,2-Dichloropropane	ug/kg	2500	2560	102	77-122	
1,3-Dichlorobenzene	ug/kg	2500	2400	96	70-130	
1,4-Dichlorobenzene	ug/kg	2500	2430	97	70-130	
Benzene	ug/kg	2500	2540	102	66-130	
Bromodichloromethane	ug/kg	2500	2180	87	62-135	
Bromoform	ug/kg	2500	2570	103	68-130	
Bromomethane	ug/kg	2500	2400	96	29-137	

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QUALITY CONTROL DATA

Project: 0403363 KRAFT
Pace Project No.: 40154221

LABORATORY CONTROL SAMPLE: 1550341

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Carbon tetrachloride	ug/kg	2500	2230	89	57-130	
Chlorobenzene	ug/kg	2500	2600	104	70-130	
Chloroethane	ug/kg	2500	2570	103	36-144	
Chloroform	ug/kg	2500	2340	94	69-115	
Chloromethane	ug/kg	2500	2180	87	32-126	
cis-1,2-Dichloroethene	ug/kg	2500	2580	103	65-130	
cis-1,3-Dichloropropene	ug/kg	2500	2270	91	70-130	
Dibromochloromethane	ug/kg	2500	2480	99	70-130	
Dichlorodifluoromethane	ug/kg	2500	1720	69	10-99	
Ethylbenzene	ug/kg	2500	2510	100	82-122	
Isopropylbenzene (Cumene)	ug/kg	2500	2540	102	70-130	
m&p-Xylene	ug/kg	5000	5390	108	70-130	
Methyl-tert-butyl ether	ug/kg	2500	2370	95	63-134	
Methylene Chloride	ug/kg	2500	2470	99	56-123	
o-Xylene	ug/kg	2500	2640	106	70-130	
Styrene	ug/kg	2500	2700	108	70-130	
Tetrachloroethene	ug/kg	2500	2600	104	70-131	
Toluene	ug/kg	2500	2670	107	80-120	
trans-1,2-Dichloroethene	ug/kg	2500	2560	102	66-130	
trans-1,3-Dichloropropene	ug/kg	2500	2390	96	68-130	
Trichloroethene	ug/kg	2500	2400	96	70-130	
Trichlorofluoromethane	ug/kg	2500	2500	100	37-149	
Vinyl chloride	ug/kg	2500	2520	101	43-128	
4-Bromofluorobenzene (S)	%			95	58-141	
Dibromofluoromethane (S)	%			104	68-130	
Toluene-d8 (S)	%			104	68-149	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1550342 1550343

Parameter	Units	40154218003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1-Trichloroethane	ug/kg	<0.016 mg/kg	1380	1380	1110	1150	81	83	57-123	3	20	
1,1,2,2-Tetrachloroethane	ug/kg	<0.019 mg/kg	1380	1380	1470	1420	106	103	73-135	3	20	
1,1,2-Trichloroethane	ug/kg	<0.022 mg/kg	1380	1380	1450	1480	105	107	70-130	2	20	
1,1-Dichloroethane	ug/kg	<0.019 mg/kg	1380	1380	1280	1290	92	93	63-124	1	20	
1,1-Dichloroethene	ug/kg	<0.019 mg/kg	1380	1380	1070	1080	77	78	48-117	1	23	
1,2,4-Trichlorobenzene	ug/kg	<0.053 mg/kg	1380	1380	1300	1260	92	89	78-145	4	20	
1,2-Dibromo-3-chloropropane	ug/kg	<0.10 mg/kg	1380	1380	1180	1090	85	79	38-168	7	22	
1,2-Dibromoethane (EDB)	ug/kg	<0.016 mg/kg	1380	1380	1330	1280	96	93	70-130	4	20	

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QUALITY CONTROL DATA

Project: 0403363 KRAFT
Pace Project No.: 40154221

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1550342 1550343

Parameter	Units	40154218003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,2-Dichlorobenzene	ug/kg	<0.018 mg/kg	1380	1380	1410	1380	102	100	70-130	2	20	
1,2-Dichloroethane	ug/kg	<0.017 mg/kg	1380	1380	1230	1280	89	93	56-145	4	20	
1,2-Dichloropropane	ug/kg	<0.019 mg/kg	1380	1380	1420	1370	103	99	77-123	4	20	
1,3-Dichlorobenzene	ug/kg	<0.015 mg/kg	1380	1380	1330	1350	96	98	70-130	1	20	
1,4-Dichlorobenzene	ug/kg	<0.018 mg/kg	1380	1380	1400	1350	101	98	70-130	3	20	
Benzene	ug/kg	<0.010 mg/kg	1380	1380	1300	1330	94	97	65-130	3	20	
Bromodichloromethane	ug/kg	<0.011 mg/kg	1380	1380	1140	1170	83	85	59-141	3	20	
Bromoform	ug/kg	<0.022 mg/kg	1380	1380	1300	1270	94	92	59-141	2	20	
Bromomethane	ug/kg	<0.077 mg/kg	1380	1380	1000	956	72	69	28-139	5	20	
Carbon tetrachloride	ug/kg	<0.013 mg/kg	1380	1380	1050	1090	76	79	50-130	3	20	
Chlorobenzene	ug/kg	<0.016 mg/kg	1380	1380	1370	1380	99	100	70-130	1	20	
Chloroethane	ug/kg	<0.074 mg/kg	1380	1380	1090	1120	79	81	36-144	3	20	
Chloroform	ug/kg	<0.051 mg/kg	1380	1380	1240	1250	89	89	68-122	0	20	
Chloromethane	ug/kg	<0.023 mg/kg	1380	1380	726	747	53	54	30-126	3	20	
cis-1,2-Dichloroethene	ug/kg	<0.018 mg/kg	1380	1380	1340	1370	97	99	63-130	3	20	
cis-1,3-Dichloropropene	ug/kg	<0.018 mg/kg	1380	1380	1160	1190	84	86	70-130	3	20	
Dibromochloromethane	ug/kg	<0.020 mg/kg	1380	1380	1280	1300	92	94	66-136	2	20	
Dichlorodifluoromethane	ug/kg	<0.014 mg/kg	1380	1380	383	409	28	30	10-99	7	33	
Ethylbenzene	ug/kg	<0.014 mg/kg	1380	1380	1230	1260	89	91	80-122	2	20	
Isopropylbenzene (Cumene)	ug/kg	<0.014 mg/kg	1380	1380	1200	1240	87	89	70-130	3	20	
m&p-Xylene	ug/kg	<0.038 mg/kg	2760	2760	2630	2740	95	99	70-130	4	20	
Methyl-tert-butyl ether	ug/kg	<0.014 mg/kg	1380	1380	1330	1280	96	93	63-134	4	20	
Methylene Chloride	ug/kg	0.023J mg/kg	1380	1380	1290	1300	92	92	56-127	1	20	
o-Xylene	ug/kg	<0.015 mg/kg	1380	1380	1270	1320	92	96	70-130	4	20	
Styrene	ug/kg	<0.010 mg/kg	1380	1380	1380	1390	100	101	70-130	1	20	
Tetrachloroethene	ug/kg	<0.014 mg/kg	1380	1380	1270	1300	92	94	70-131	2	20	
Toluene	ug/kg	<0.012 mg/kg	1380	1380	1380	1400	100	101	80-120	2	20	

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QUALITY CONTROL DATA

Project: 0403363 KRAFT
Pace Project No.: 40154221

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1550342 1550343

Parameter	Units	40154218003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
trans-1,2-Dichloroethene	ug/kg	<0.018 mg/kg	1380	1380	1270	1250	92	91	60-130	2	20	
trans-1,3-Dichloropropene	ug/kg	<0.016 mg/kg	1380	1380	1220	1230	88	89	68-130	1	20	
Trichloroethene	ug/kg	<0.026 mg/kg	1380	1380	1190	1190	87	86	70-130	1	20	
Trichlorofluoromethane	ug/kg	<0.027 mg/kg	1380	1380	988	1030	72	75	37-149	4	24	
Vinyl chloride	ug/kg	<0.023 mg/kg	1380	1380	838	884	61	64	39-128	5	20	
4-Bromofluorobenzene (S)	%						99	100	58-141			
Dibromofluoromethane (S)	%						113	113	68-130			
Toluene-d8 (S)	%						110	112	68-149			

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QUALITY CONTROL DATA

Project: 0403363 KRAFT
Pace Project No.: 40154221

QC Batch: 263623 | Analysis Method: EPA 8260
QC Batch Method: EPA 5035/5030B | Analysis Description: 8260 MSV Med Level Normal List
Associated Lab Samples: 40154221010, 40154221017, 40154221018, 40154221019, 40154221020

METHOD BLANK: 1551628 | Matrix: Solid
Associated Lab Samples: 40154221010, 40154221017, 40154221018, 40154221019, 40154221020

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	<13.7	50.0	08/04/17 16:37	
1,1,1-Trichloroethane	ug/kg	<14.4	50.0	08/04/17 16:37	
1,1,2,2-Tetrachloroethane	ug/kg	<17.5	50.0	08/04/17 16:37	
1,1,2-Trichloroethane	ug/kg	<20.2	50.0	08/04/17 16:37	
1,1-Dichloroethane	ug/kg	<17.6	50.0	08/04/17 16:37	
1,1-Dichloroethene	ug/kg	<17.6	50.0	08/04/17 16:37	
1,1-Dichloropropene	ug/kg	<14.0	50.0	08/04/17 16:37	
1,2,3-Trichlorobenzene	ug/kg	<17.0	50.0	08/04/17 16:37	
1,2,3-Trichloropropane	ug/kg	<22.3	50.0	08/04/17 16:37	
1,2,4-Trichlorobenzene	ug/kg	<47.6	250	08/04/17 16:37	
1,2,4-Trimethylbenzene	ug/kg	<12.2	50.0	08/04/17 16:37	
1,2-Dibromo-3-chloropropane	ug/kg	<91.2	250	08/04/17 16:37	
1,2-Dibromoethane (EDB)	ug/kg	<14.7	50.0	08/04/17 16:37	
1,2-Dichlorobenzene	ug/kg	<16.2	50.0	08/04/17 16:37	
1,2-Dichloroethane	ug/kg	<15.0	50.0	08/04/17 16:37	
1,2-Dichloropropane	ug/kg	<16.8	50.0	08/04/17 16:37	
1,3,5-Trimethylbenzene	ug/kg	<14.5	50.0	08/04/17 16:37	
1,3-Dichlorobenzene	ug/kg	<13.2	50.0	08/04/17 16:37	
1,3-Dichloropropane	ug/kg	<12.0	50.0	08/04/17 16:37	
1,4-Dichlorobenzene	ug/kg	<15.9	50.0	08/04/17 16:37	
2,2-Dichloropropane	ug/kg	<12.6	50.0	08/04/17 16:37	
2-Chlorotoluene	ug/kg	<15.8	50.0	08/04/17 16:37	
4-Chlorotoluene	ug/kg	<13.0	50.0	08/04/17 16:37	
Benzene	ug/kg	<9.2	20.0	08/04/17 16:37	
Bromobenzene	ug/kg	<20.6	50.0	08/04/17 16:37	
Bromochloromethane	ug/kg	<21.4	50.0	08/04/17 16:37	
Bromodichloromethane	ug/kg	<9.8	50.0	08/04/17 16:37	
Bromoform	ug/kg	<19.8	50.0	08/04/17 16:37	
Bromomethane	ug/kg	<69.9	250	08/04/17 16:37	
Carbon tetrachloride	ug/kg	<12.1	50.0	08/04/17 16:37	
Chlorobenzene	ug/kg	<14.8	50.0	08/04/17 16:37	
Chloroethane	ug/kg	<67.0	250	08/04/17 16:37	
Chloroform	ug/kg	<46.4	250	08/04/17 16:37	
Chloromethane	ug/kg	<20.4	50.0	08/04/17 16:37	
cis-1,2-Dichloroethene	ug/kg	<16.6	50.0	08/04/17 16:37	
cis-1,3-Dichloropropene	ug/kg	<16.6	50.0	08/04/17 16:37	
Dibromochloromethane	ug/kg	<17.9	50.0	08/04/17 16:37	
Dibromomethane	ug/kg	<19.3	50.0	08/04/17 16:37	
Dichlorodifluoromethane	ug/kg	<12.3	50.0	08/04/17 16:37	
Diisopropyl ether	ug/kg	<17.7	50.0	08/04/17 16:37	
Ethylbenzene	ug/kg	<12.4	50.0	08/04/17 16:37	

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QUALITY CONTROL DATA

Project: 0403363 KRAFT
Pace Project No.: 40154221

METHOD BLANK: 1551628 Matrix: Solid
Associated Lab Samples: 40154221010, 40154221017, 40154221018, 40154221019, 40154221020

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Hexachloro-1,3-butadiene	ug/kg	<24.5	50.0	08/04/17 16:37	
Isopropylbenzene (Cumene)	ug/kg	<12.6	50.0	08/04/17 16:37	
m&p-Xylene	ug/kg	<34.4	100	08/04/17 16:37	
Methyl-tert-butyl ether	ug/kg	<12.7	50.0	08/04/17 16:37	
Methylene Chloride	ug/kg	<16.2	50.0	08/04/17 16:37	
n-Butylbenzene	ug/kg	<10.5	50.0	08/04/17 16:37	
n-Propylbenzene	ug/kg	<11.6	50.0	08/04/17 16:37	
Naphthalene	ug/kg	<40.0	250	08/04/17 16:37	
o-Xylene	ug/kg	<14.0	50.0	08/04/17 16:37	
p-Isopropyltoluene	ug/kg	<12.0	50.0	08/04/17 16:37	
sec-Butylbenzene	ug/kg	<11.9	50.0	08/04/17 16:37	
Styrene	ug/kg	<9.0	50.0	08/04/17 16:37	
tert-Butylbenzene	ug/kg	<9.5	50.0	08/04/17 16:37	
Tetrachloroethene	ug/kg	<12.9	50.0	08/04/17 16:37	
Toluene	ug/kg	<11.2	50.0	08/04/17 16:37	
trans-1,2-Dichloroethene	ug/kg	<16.5	50.0	08/04/17 16:37	
trans-1,3-Dichloropropene	ug/kg	<14.4	50.0	08/04/17 16:37	
Trichloroethene	ug/kg	<23.6	50.0	08/04/17 16:37	
Trichlorofluoromethane	ug/kg	<24.7	50.0	08/04/17 16:37	
Vinyl chloride	ug/kg	<21.1	50.0	08/04/17 16:37	
4-Bromofluorobenzene (S)	%	87	58-141	08/04/17 16:37	
Dibromofluoromethane (S)	%	104	68-130	08/04/17 16:37	
Toluene-d8 (S)	%	105	68-149	08/04/17 16:37	

LABORATORY CONTROL SAMPLE: 1551629

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/kg	2500	2350	94	61-122	
1,1,2,2-Tetrachloroethane	ug/kg	2500	2700	108	73-130	
1,1,2-Trichloroethane	ug/kg	2500	2740	109	70-130	
1,1-Dichloroethane	ug/kg	2500	2520	101	63-124	
1,1-Dichloroethene	ug/kg	2500	2400	96	53-117	
1,2,4-Trichlorobenzene	ug/kg	2500	2340	94	78-130	
1,2-Dibromo-3-chloropropane	ug/kg	2500	2190	88	49-140	
1,2-Dibromoethane (EDB)	ug/kg	2500	2560	102	70-130	
1,2-Dichlorobenzene	ug/kg	2500	2550	102	70-130	
1,2-Dichloroethane	ug/kg	2500	2340	94	56-135	
1,2-Dichloropropane	ug/kg	2500	2590	104	77-122	
1,3-Dichlorobenzene	ug/kg	2500	2490	100	70-130	
1,4-Dichlorobenzene	ug/kg	2500	2510	101	70-130	
Benzene	ug/kg	2500	2580	103	66-130	
Bromodichloromethane	ug/kg	2500	2220	89	62-135	
Bromoform	ug/kg	2500	2610	104	68-130	
Bromomethane	ug/kg	2500	2470	99	29-137	

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QUALITY CONTROL DATA

Project: 0403363 KRAFT
Pace Project No.: 40154221

LABORATORY CONTROL SAMPLE: 1551629

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Carbon tetrachloride	ug/kg	2500	2190	88	57-130	
Chlorobenzene	ug/kg	2500	2650	106	70-130	
Chloroethane	ug/kg	2500	2690	108	36-144	
Chloroform	ug/kg	2500	2360	95	69-115	
Chloromethane	ug/kg	2500	2170	87	32-126	
cis-1,2-Dichloroethene	ug/kg	2500	2610	104	65-130	
cis-1,3-Dichloropropene	ug/kg	2500	2330	93	70-130	
Dibromochloromethane	ug/kg	2500	2580	103	70-130	
Dichlorodifluoromethane	ug/kg	2500	1550	62	10-99	
Ethylbenzene	ug/kg	2500	2530	101	82-122	
Isopropylbenzene (Cumene)	ug/kg	2500	2510	100	70-130	
m&p-Xylene	ug/kg	5000	5390	108	70-130	
Methyl-tert-butyl ether	ug/kg	2500	2620	105	63-134	
Methylene Chloride	ug/kg	2500	2470	99	56-123	
o-Xylene	ug/kg	2500	2580	103	70-130	
Styrene	ug/kg	2500	2660	106	70-130	
Tetrachloroethene	ug/kg	2500	2580	103	70-131	
Toluene	ug/kg	2500	2700	108	80-120	
trans-1,2-Dichloroethene	ug/kg	2500	2600	104	66-130	
trans-1,3-Dichloropropene	ug/kg	2500	2420	97	68-130	
Trichloroethene	ug/kg	2500	2460	98	70-130	
Trichlorofluoromethane	ug/kg	2500	2370	95	37-149	
Vinyl chloride	ug/kg	2500	2540	102	43-128	
4-Bromofluorobenzene (S)	%			97	58-141	
Dibromofluoromethane (S)	%			105	68-130	
Toluene-d8 (S)	%			106	68-149	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1551630 1551631

Parameter	Units	40154301003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1-Trichloroethane	ug/kg	<25.0	1250	1250	1040	1000	83	80	57-123	4	20	
1,1,2,2-Tetrachloroethane	ug/kg	<25.0	1250	1250	1330	1320	106	106	73-135	0	20	
1,1,2-Trichloroethane	ug/kg	<25.0	1250	1250	1340	1400	107	112	70-130	5	20	
1,1-Dichloroethane	ug/kg	<25.0	1250	1250	1170	1190	93	95	63-124	2	20	
1,1-Dichloroethene	ug/kg	<25.0	1250	1250	945	924	76	74	48-117	2	23	
1,2,4-Trichlorobenzene	ug/kg	<47.6	1250	1250	1260	1210	101	97	78-145	5	20	
1,2-Dibromo-3-chloropropane	ug/kg	<91.2	1250	1250	1090	1080	88	86	38-168	2	22	
1,2-Dibromoethane (EDB)	ug/kg	<25.0	1250	1250	1190	1290	95	103	70-130	8	20	
1,2-Dichlorobenzene	ug/kg	<25.0	1250	1250	1290	1290	103	103	70-130	0	20	
1,2-Dichloroethane	ug/kg	<25.0	1250	1250	1130	1130	90	90	56-145	0	20	
1,2-Dichloropropane	ug/kg	<25.0	1250	1250	1290	1300	103	104	77-123	1	20	
1,3-Dichlorobenzene	ug/kg	<25.0	1250	1250	1250	1230	100	99	70-130	2	20	
1,4-Dichlorobenzene	ug/kg	<25.0	1250	1250	1300	1290	104	103	70-130	1	20	

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QUALITY CONTROL DATA

Project: 0403363 KRAFT
Pace Project No.: 40154221

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1551630 1551631

Parameter	Units	40154301003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Benzene	ug/kg	<25.0	1250	1250	1210	1220	97	98	65-130	1	20	
Bromodichloromethane	ug/kg	<25.0	1250	1250	1070	1110	86	89	59-141	4	20	
Bromoform	ug/kg	<25.0	1250	1250	1200	1220	96	97	59-141	1	20	
Bromomethane	ug/kg	<69.9	1250	1250	878	910	70	73	28-139	4	20	
Carbon tetrachloride	ug/kg	<25.0	1250	1250	924	936	74	75	50-130	1	20	
Chlorobenzene	ug/kg	<25.0	1250	1250	1250	1330	100	106	70-130	6	20	
Chloroethane	ug/kg	<67.0	1250	1250	992	981	79	78	36-144	1	20	
Chloroform	ug/kg	<46.4	1250	1250	1150	1140	92	91	68-122	1	20	
Chloromethane	ug/kg	<25.0	1250	1250	633	622	51	50	30-126	2	20	
cis-1,2-Dichloroethene	ug/kg	<25.0	1250	1250	1230	1280	98	102	63-130	4	20	
cis-1,3-Dichloropropene	ug/kg	<25.0	1250	1250	1120	1130	89	90	70-130	1	20	
Dibromochloromethane	ug/kg	<25.0	1250	1250	1220	1250	97	100	66-136	2	20	
Dichlorodifluoromethane	ug/kg	<25.0	1250	1250	313	309	25	25	10-99	1	33	
Ethylbenzene	ug/kg	<25.0	1250	1250	1160	1190	92	95	80-122	3	20	
Isopropylbenzene (Cumene)	ug/kg	<25.0	1250	1250	1130	1120	91	90	70-130	1	20	
m&p-Xylene	ug/kg	<50.0	2500	2500	2500	2540	100	102	70-130	2	20	
Methyl-tert-butyl ether	ug/kg	<25.0	1250	1250	1230	1230	99	99	63-134	0	20	
Methylene Chloride	ug/kg	<25.0	1250	1250	1200	1220	95	96	56-127	1	20	
o-Xylene	ug/kg	<25.0	1250	1250	1210	1250	97	100	70-130	4	20	
Styrene	ug/kg	<25.0	1250	1250	1260	1310	101	105	70-130	3	20	
Tetrachloroethene	ug/kg	<25.0	1250	1250	1120	1170	89	94	70-131	5	20	
Toluene	ug/kg	<25.0	1250	1250	1270	1320	102	106	80-120	4	20	
trans-1,2-Dichloroethene	ug/kg	<25.0	1250	1250	1150	1150	92	92	60-130	1	20	
trans-1,3-Dichloropropene	ug/kg	<25.0	1250	1250	1130	1160	91	93	68-130	2	20	
Trichloroethene	ug/kg	<25.0	1250	1250	1130	1100	91	88	70-130	3	20	
Trichlorofluoromethane	ug/kg	<25.0	1250	1250	808	797	65	64	37-149	1	24	
Vinyl chloride	ug/kg	<25.0	1250	1250	759	734	61	59	39-128	3	20	
4-Bromofluorobenzene (S)	%						106	114	58-141			
Dibromofluoromethane (S)	%						115	123	68-130			
Toluene-d8 (S)	%						117	125	68-149			

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QUALITY CONTROL DATA

Project: 0403363 KRAFT
Pace Project No.: 40154221

QC Batch: 263312 | Analysis Method: EPA 8260
QC Batch Method: EPA 8260 | Analysis Description: 8260 MSV
Associated Lab Samples: 40154221001, 40154221002, 40154221003, 40154221004, 40154221005

METHOD BLANK: 1549468 | Matrix: Water
Associated Lab Samples: 40154221001, 40154221002, 40154221003, 40154221004, 40154221005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.18	1.0	08/03/17 09:38	
1,1,1-Trichloroethane	ug/L	<0.50	1.0	08/03/17 09:38	
1,1,2,2-Tetrachloroethane	ug/L	<0.25	1.0	08/03/17 09:38	
1,1,2-Trichloroethane	ug/L	<0.20	1.0	08/03/17 09:38	
1,1-Dichloroethane	ug/L	<0.24	1.0	08/03/17 09:38	
1,1-Dichloroethene	ug/L	<0.41	1.0	08/03/17 09:38	
1,1-Dichloropropene	ug/L	<0.44	1.0	08/03/17 09:38	
1,2,3-Trichlorobenzene	ug/L	<2.1	5.0	08/03/17 09:38	
1,2,3-Trichloropropane	ug/L	<0.50	1.0	08/03/17 09:38	
1,2,4-Trichlorobenzene	ug/L	<2.2	5.0	08/03/17 09:38	
1,2,4-Trimethylbenzene	ug/L	<0.50	1.0	08/03/17 09:38	
1,2-Dibromo-3-chloropropane	ug/L	<2.2	5.0	08/03/17 09:38	
1,2-Dibromoethane (EDB)	ug/L	<0.18	1.0	08/03/17 09:38	
1,2-Dichlorobenzene	ug/L	<0.50	1.0	08/03/17 09:38	
1,2-Dichloroethane	ug/L	<0.17	1.0	08/03/17 09:38	
1,2-Dichloropropane	ug/L	<0.23	1.0	08/03/17 09:38	
1,3,5-Trimethylbenzene	ug/L	<0.50	1.0	08/03/17 09:38	
1,3-Dichlorobenzene	ug/L	<0.50	1.0	08/03/17 09:38	
1,3-Dichloropropane	ug/L	<0.50	1.0	08/03/17 09:38	
1,4-Dichlorobenzene	ug/L	<0.50	1.0	08/03/17 09:38	
2,2-Dichloropropane	ug/L	<0.48	1.0	08/03/17 09:38	
2-Chlorotoluene	ug/L	<0.50	1.0	08/03/17 09:38	
4-Chlorotoluene	ug/L	<0.21	1.0	08/03/17 09:38	
Benzene	ug/L	<0.50	1.0	08/03/17 09:38	
Bromobenzene	ug/L	<0.23	1.0	08/03/17 09:38	
Bromochloromethane	ug/L	<0.34	1.0	08/03/17 09:38	
Bromodichloromethane	ug/L	<0.50	1.0	08/03/17 09:38	
Bromoform	ug/L	<0.50	1.0	08/03/17 09:38	
Bromomethane	ug/L	<2.4	5.0	08/03/17 09:38	
Carbon tetrachloride	ug/L	<0.50	1.0	08/03/17 09:38	
Chlorobenzene	ug/L	<0.50	1.0	08/03/17 09:38	
Chloroethane	ug/L	<0.37	1.0	08/03/17 09:38	
Chloroform	ug/L	<2.5	5.0	08/03/17 09:38	
Chloromethane	ug/L	<0.50	1.0	08/03/17 09:38	
cis-1,2-Dichloroethene	ug/L	<0.26	1.0	08/03/17 09:38	
cis-1,3-Dichloropropene	ug/L	<0.50	1.0	08/03/17 09:38	
Dibromochloromethane	ug/L	<0.50	1.0	08/03/17 09:38	
Dibromomethane	ug/L	<0.43	1.0	08/03/17 09:38	
Dichlorodifluoromethane	ug/L	<0.22	1.0	08/03/17 09:38	
Diisopropyl ether	ug/L	<0.50	1.0	08/03/17 09:38	
Ethylbenzene	ug/L	<0.50	1.0	08/03/17 09:38	

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QUALITY CONTROL DATA

Project: 0403363 KRAFT
Pace Project No.: 40154221

METHOD BLANK: 1549468 Matrix: Water
Associated Lab Samples: 40154221001, 40154221002, 40154221003, 40154221004, 40154221005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Hexachloro-1,3-butadiene	ug/L	<2.1	5.0	08/03/17 09:38	
Isopropylbenzene (Cumene)	ug/L	<0.14	1.0	08/03/17 09:38	
m&p-Xylene	ug/L	<1.0	2.0	08/03/17 09:38	
Methyl-tert-butyl ether	ug/L	<0.17	1.0	08/03/17 09:38	
Methylene Chloride	ug/L	<0.23	1.0	08/03/17 09:38	
n-Butylbenzene	ug/L	<0.50	1.0	08/03/17 09:38	
n-Propylbenzene	ug/L	<0.50	1.0	08/03/17 09:38	
Naphthalene	ug/L	<2.5	5.0	08/03/17 09:38	
o-Xylene	ug/L	<0.50	1.0	08/03/17 09:38	
p-Isopropyltoluene	ug/L	<0.50	1.0	08/03/17 09:38	
sec-Butylbenzene	ug/L	<2.2	5.0	08/03/17 09:38	
Styrene	ug/L	<0.50	1.0	08/03/17 09:38	
tert-Butylbenzene	ug/L	<0.18	1.0	08/03/17 09:38	
Tetrachloroethene	ug/L	<0.50	1.0	08/03/17 09:38	
Toluene	ug/L	<0.50	1.0	08/03/17 09:38	
trans-1,2-Dichloroethene	ug/L	<0.26	1.0	08/03/17 09:38	
trans-1,3-Dichloropropene	ug/L	<0.23	1.0	08/03/17 09:38	
Trichloroethene	ug/L	<0.33	1.0	08/03/17 09:38	
Trichlorofluoromethane	ug/L	<0.18	1.0	08/03/17 09:38	
Vinyl chloride	ug/L	<0.18	1.0	08/03/17 09:38	
4-Bromofluorobenzene (S)	%	98	61-130	08/03/17 09:38	
Dibromofluoromethane (S)	%	103	67-130	08/03/17 09:38	
Toluene-d8 (S)	%	96	70-130	08/03/17 09:38	

LABORATORY CONTROL SAMPLE: 1549469

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	61.7	123	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	53.7	107	70-130	
1,1,2-Trichloroethane	ug/L	50	55.5	111	70-130	
1,1-Dichloroethane	ug/L	50	59.3	119	71-132	
1,1-Dichloroethene	ug/L	50	51.2	102	75-130	
1,2,4-Trichlorobenzene	ug/L	50	50.5	101	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	58.1	116	63-123	
1,2-Dibromoethane (EDB)	ug/L	50	52.9	106	70-130	
1,2-Dichlorobenzene	ug/L	50	55.2	110	70-130	
1,2-Dichloroethane	ug/L	50	57.7	115	70-131	
1,2-Dichloropropane	ug/L	50	54.3	109	80-120	
1,3-Dichlorobenzene	ug/L	50	56.9	114	70-130	
1,4-Dichlorobenzene	ug/L	50	55.2	110	70-130	
Benzene	ug/L	50	57.9	116	73-145	
Bromodichloromethane	ug/L	50	54.0	108	70-130	
Bromoform	ug/L	50	56.3	113	67-130	
Bromomethane	ug/L	50	39.5	79	26-128	

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QUALITY CONTROL DATA

Project: 0403363 KRAFT
Pace Project No.: 40154221

LABORATORY CONTROL SAMPLE: 1549469

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Carbon tetrachloride	ug/L	50	65.2	130	70-133	
Chlorobenzene	ug/L	50	57.1	114	70-130	
Chloroethane	ug/L	50	47.1	94	58-120	
Chloroform	ug/L	50	55.6	111	80-121	
Chloromethane	ug/L	50	32.6	65	40-127	
cis-1,2-Dichloroethene	ug/L	50	53.3	107	70-130	
cis-1,3-Dichloropropene	ug/L	50	55.6	111	70-130	
Dibromochloromethane	ug/L	50	55.4	111	70-130	
Dichlorodifluoromethane	ug/L	50	30.5	61	20-135	
Ethylbenzene	ug/L	50	59.2	118	87-129	
Isopropylbenzene (Cumene)	ug/L	50	61.3	123	70-130	
m&p-Xylene	ug/L	100	118	118	70-130	
Methyl-tert-butyl ether	ug/L	50	59.3	119	66-143	
Methylene Chloride	ug/L	50	56.3	113	70-130	
o-Xylene	ug/L	50	59.4	119	70-130	
Styrene	ug/L	50	59.8	120	70-130	
Tetrachloroethene	ug/L	50	60.7	121	70-130	
Toluene	ug/L	50	56.7	113	82-130	
trans-1,2-Dichloroethene	ug/L	50	58.1	116	75-132	
trans-1,3-Dichloropropene	ug/L	50	57.1	114	70-130	
Trichloroethene	ug/L	50	57.3	115	70-130	
Trichlorofluoromethane	ug/L	50	54.5	109	76-133	
Vinyl chloride	ug/L	50	46.4	93	57-136	
4-Bromofluorobenzene (S)	%			102	61-130	
Dibromofluoromethane (S)	%			105	67-130	
Toluene-d8 (S)	%			99	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1549744 1549745

Parameter	Units	40154221002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1-Trichloroethane	ug/L	<10.0	50	50	54.5	56.3	109	113	70-134	3	20	
1,1,2,2-Tetrachloroethane	ug/L	<5.0	50	50	52.5	52.7	105	105	70-130	0	20	
1,1,2-Trichloroethane	ug/L	12.8J	50	50	71.0	75.0	116	124	70-130	5	20	
1,1-Dichloroethane	ug/L	<4.8	50	50	51.9	54.1	104	108	71-133	4	20	
1,1-Dichloroethene	ug/L	<8.2	50	50	48.0	52.2	96	104	75-136	8	20	
1,2,4-Trichlorobenzene	ug/L	<44.2	50	50	47.2	47.2	94	94	70-130	0	20	
1,2-Dibromo-3-chloropropane	ug/L	<43.3	50	50	54.1	55.0	108	110	63-123	2	20	
1,2-Dibromoethane (EDB)	ug/L	<3.6	50	50	50.1	53.0	100	106	70-130	6	20	
1,2-Dichlorobenzene	ug/L	<10.0	50	50	52.9	55.6	106	111	70-130	5	20	
1,2-Dichloroethane	ug/L	1630	50	50	1560	1630	-139	-4	70-131	4	20	E,M1
1,2-Dichloropropane	ug/L	<4.7	50	50	52.7	54.8	105	110	80-120	4	20	
1,3-Dichlorobenzene	ug/L	<10.0	50	50	54.8	55.8	110	112	70-130	2	20	
1,4-Dichlorobenzene	ug/L	<10.0	50	50	53.0	54.1	106	108	70-130	2	20	

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QUALITY CONTROL DATA

Project: 0403363 KRAFT
Pace Project No.: 40154221

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1549744 1549745

Parameter	Units	40154221002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Benzene	ug/L	<10.0	50	50	53.8	56.8	108	114	73-145	6	20	
Bromodichloromethane	ug/L	<10.0	50	50	52.2	52.5	104	105	70-130	1	20	
Bromoform	ug/L	<10.0	50	50	50.9	55.5	102	111	67-130	9	20	
Bromomethane	ug/L	<48.7	50	50	37.8	38.8	76	78	26-129	3	20	
Carbon tetrachloride	ug/L	<10.0	50	50	59.5	61.1	119	122	70-134	3	20	
Chlorobenzene	ug/L	<10.0	50	50	52.5	54.1	105	108	70-130	3	20	
Chloroethane	ug/L	<7.5	50	50	44.3	44.6	89	89	58-120	0	20	
Chloroform	ug/L	<50.0	50	50	51.9	55.6	104	111	80-121	7	20	
Chloromethane	ug/L	<10.0	50	50	30.9	33.7	62	67	40-128	9	20	
cis-1,2-Dichloroethene	ug/L	<5.1	50	50	52.2	51.7	104	103	70-130	1	20	
cis-1,3-Dichloropropene	ug/L	<10.0	50	50	52.8	54.5	106	109	70-130	3	20	
Dibromochloromethane	ug/L	<10.0	50	50	53.1	55.3	106	111	70-130	4	20	
Dichlorodifluoromethane	ug/L	<4.5	50	50	26.9	29.2	54	58	20-146	8	20	
Ethylbenzene	ug/L	<10.0	50	50	55.9	57.8	112	116	87-129	3	20	
Isopropylbenzene (Cumene)	ug/L	<2.9	50	50	56.8	58.7	114	117	70-130	3	20	
m&p-Xylene	ug/L	<20.0	100	100	109	116	109	116	70-130	6	20	
Methyl-tert-butyl ether	ug/L	<3.5	50	50	52.6	56.8	105	114	66-143	8	20	
Methylene Chloride	ug/L	<4.7	50	50	53.0	55.8	106	112	70-130	5	20	
o-Xylene	ug/L	<10.0	50	50	55.9	59.0	112	118	70-130	5	20	
Styrene	ug/L	<10.0	50	50	55.2	57.4	110	115	70-130	4	20	
Tetrachloroethene	ug/L	<10.0	50	50	55.4	59.9	111	120	70-130	8	20	
Toluene	ug/L	<10.0	50	50	53.9	54.7	108	109	82-131	2	20	
trans-1,2-Dichloroethene	ug/L	<5.1	50	50	51.4	54.5	103	109	75-135	6	20	
trans-1,3-Dichloropropene	ug/L	<4.6	50	50	55.4	56.5	111	113	70-130	2	20	
Trichloroethene	ug/L	<6.6	50	50	54.1	57.1	108	114	70-130	5	20	
Trichlorofluoromethane	ug/L	<3.7	50	50	48.2	50.5	96	101	76-150	5	20	
Vinyl chloride	ug/L	17.7J	50	50	62.3	68.9	89	103	56-143	10	20	
4-Bromofluorobenzene (S)	%						101	104	61-130			
Dibromofluoromethane (S)	%						95	103	67-130			
Toluene-d8 (S)	%						98	98	70-130			

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QUALITY CONTROL DATA

Project: 0403363 KRAFT
Pace Project No.: 40154221

QC Batch: 263419 | Analysis Method: EPA 8260
QC Batch Method: EPA 8260 | Analysis Description: 8260 MSV
Associated Lab Samples: 40154221006, 40154221007, 40154221008, 40154221009, 40154221021

METHOD BLANK: 1550178 | Matrix: Water
Associated Lab Samples: 40154221006, 40154221007, 40154221008, 40154221009, 40154221021

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.18	1.0	08/03/17 11:19	
1,1,1-Trichloroethane	ug/L	<0.50	1.0	08/03/17 11:19	
1,1,2,2-Tetrachloroethane	ug/L	<0.25	1.0	08/03/17 11:19	
1,1,2-Trichloroethane	ug/L	<0.20	1.0	08/03/17 11:19	
1,1-Dichloroethane	ug/L	<0.24	1.0	08/03/17 11:19	
1,1-Dichloroethene	ug/L	<0.41	1.0	08/03/17 11:19	
1,1-Dichloropropene	ug/L	<0.44	1.0	08/03/17 11:19	
1,2,3-Trichlorobenzene	ug/L	<2.1	5.0	08/03/17 11:19	
1,2,3-Trichloropropane	ug/L	<0.50	1.0	08/03/17 11:19	
1,2,4-Trichlorobenzene	ug/L	<2.2	5.0	08/03/17 11:19	
1,2,4-Trimethylbenzene	ug/L	<0.50	1.0	08/03/17 11:19	
1,2-Dibromo-3-chloropropane	ug/L	<2.2	5.0	08/03/17 11:19	
1,2-Dibromoethane (EDB)	ug/L	<0.18	1.0	08/03/17 11:19	
1,2-Dichlorobenzene	ug/L	<0.50	1.0	08/03/17 11:19	
1,2-Dichloroethane	ug/L	<0.17	1.0	08/03/17 11:19	
1,2-Dichloropropane	ug/L	<0.23	1.0	08/03/17 11:19	
1,3,5-Trimethylbenzene	ug/L	<0.50	1.0	08/03/17 11:19	
1,3-Dichlorobenzene	ug/L	<0.50	1.0	08/03/17 11:19	
1,3-Dichloropropane	ug/L	<0.50	1.0	08/03/17 11:19	
1,4-Dichlorobenzene	ug/L	<0.50	1.0	08/03/17 11:19	
2,2-Dichloropropane	ug/L	<0.48	1.0	08/03/17 11:19	
2-Chlorotoluene	ug/L	<0.50	1.0	08/03/17 11:19	
4-Chlorotoluene	ug/L	<0.21	1.0	08/03/17 11:19	
Benzene	ug/L	<0.50	1.0	08/03/17 11:19	
Bromobenzene	ug/L	<0.23	1.0	08/03/17 11:19	
Bromochloromethane	ug/L	<0.34	1.0	08/03/17 11:19	
Bromodichloromethane	ug/L	<0.50	1.0	08/03/17 11:19	
Bromoform	ug/L	<0.50	1.0	08/03/17 11:19	
Bromomethane	ug/L	<2.4	5.0	08/03/17 11:19	
Carbon tetrachloride	ug/L	<0.50	1.0	08/03/17 11:19	
Chlorobenzene	ug/L	<0.50	1.0	08/03/17 11:19	
Chloroethane	ug/L	<0.37	1.0	08/03/17 11:19	
Chloroform	ug/L	<2.5	5.0	08/03/17 11:19	
Chloromethane	ug/L	<0.50	1.0	08/03/17 11:19	
cis-1,2-Dichloroethene	ug/L	<0.26	1.0	08/03/17 11:19	
cis-1,3-Dichloropropene	ug/L	<0.50	1.0	08/03/17 11:19	
Dibromochloromethane	ug/L	<0.50	1.0	08/03/17 11:19	
Dibromomethane	ug/L	<0.43	1.0	08/03/17 11:19	
Dichlorodifluoromethane	ug/L	<0.22	1.0	08/03/17 11:19	
Diisopropyl ether	ug/L	<0.50	1.0	08/03/17 11:19	
Ethylbenzene	ug/L	<0.50	1.0	08/03/17 11:19	

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QUALITY CONTROL DATA

Project: 0403363 KRAFT
Pace Project No.: 40154221

METHOD BLANK: 1550178 Matrix: Water
Associated Lab Samples: 40154221006, 40154221007, 40154221008, 40154221009, 40154221021

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Hexachloro-1,3-butadiene	ug/L	<2.1	5.0	08/03/17 11:19	
Isopropylbenzene (Cumene)	ug/L	<0.14	1.0	08/03/17 11:19	
m&p-Xylene	ug/L	<1.0	2.0	08/03/17 11:19	
Methyl-tert-butyl ether	ug/L	<0.17	1.0	08/03/17 11:19	
Methylene Chloride	ug/L	<0.23	1.0	08/03/17 11:19	
n-Butylbenzene	ug/L	<0.50	1.0	08/03/17 11:19	
n-Propylbenzene	ug/L	<0.50	1.0	08/03/17 11:19	
Naphthalene	ug/L	<2.5	5.0	08/03/17 11:19	
o-Xylene	ug/L	<0.50	1.0	08/03/17 11:19	
p-Isopropyltoluene	ug/L	<0.50	1.0	08/03/17 11:19	
sec-Butylbenzene	ug/L	<2.2	5.0	08/03/17 11:19	
Styrene	ug/L	<0.50	1.0	08/03/17 11:19	
tert-Butylbenzene	ug/L	<0.18	1.0	08/03/17 11:19	
Tetrachloroethene	ug/L	<0.50	1.0	08/03/17 11:19	
Toluene	ug/L	<0.50	1.0	08/03/17 11:19	
trans-1,2-Dichloroethene	ug/L	<0.26	1.0	08/03/17 11:19	
trans-1,3-Dichloropropene	ug/L	<0.23	1.0	08/03/17 11:19	
Trichloroethene	ug/L	<0.33	1.0	08/03/17 11:19	
Trichlorofluoromethane	ug/L	<0.18	1.0	08/03/17 11:19	
Vinyl chloride	ug/L	<0.18	1.0	08/03/17 11:19	
4-Bromofluorobenzene (S)	%	91	61-130	08/03/17 11:19	
Dibromofluoromethane (S)	%	105	67-130	08/03/17 11:19	
Toluene-d8 (S)	%	101	70-130	08/03/17 11:19	

LABORATORY CONTROL SAMPLE: 1550179

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	42.8	86	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	48.7	97	70-130	
1,1,2-Trichloroethane	ug/L	50	50.0	100	70-130	
1,1-Dichloroethane	ug/L	50	47.5	95	71-132	
1,1-Dichloroethene	ug/L	50	41.0	82	75-130	
1,2,4-Trichlorobenzene	ug/L	50	42.6	85	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	44.0	88	63-123	
1,2-Dibromoethane (EDB)	ug/L	50	47.1	94	70-130	
1,2-Dichlorobenzene	ug/L	50	46.5	93	70-130	
1,2-Dichloroethane	ug/L	50	43.2	86	70-131	
1,2-Dichloropropane	ug/L	50	50.3	101	80-120	
1,3-Dichlorobenzene	ug/L	50	47.7	95	70-130	
1,4-Dichlorobenzene	ug/L	50	45.9	92	70-130	
Benzene	ug/L	50	44.3	89	73-145	
Bromodichloromethane	ug/L	50	47.4	95	70-130	
Bromoform	ug/L	50	47.0	94	67-130	
Bromomethane	ug/L	50	23.4	47	26-128	

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QUALITY CONTROL DATA

Project: 0403363 KRAFT
Pace Project No.: 40154221

LABORATORY CONTROL SAMPLE: 1550179

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Carbon tetrachloride	ug/L	50	47.1	94	70-133	
Chlorobenzene	ug/L	50	48.5	97	70-130	
Chloroethane	ug/L	50	41.5	83	58-120	
Chloroform	ug/L	50	45.3	91	80-121	
Chloromethane	ug/L	50	25.9	52	40-127	
cis-1,2-Dichloroethene	ug/L	50	44.5	89	70-130	
cis-1,3-Dichloropropene	ug/L	50	43.7	87	70-130	
Dibromochloromethane	ug/L	50	45.4	91	70-130	
Dichlorodifluoromethane	ug/L	50	29.5	59	20-135	
Ethylbenzene	ug/L	50	48.1	96	87-129	
Isopropylbenzene (Cumene)	ug/L	50	49.2	98	70-130	
m&p-Xylene	ug/L	100	101	101	70-130	
Methyl-tert-butyl ether	ug/L	50	41.3	83	66-143	
Methylene Chloride	ug/L	50	46.1	92	70-130	
o-Xylene	ug/L	50	49.3	99	70-130	
Styrene	ug/L	50	48.3	97	70-130	
Tetrachloroethene	ug/L	50	43.8	88	70-130	
Toluene	ug/L	50	47.5	95	82-130	
trans-1,2-Dichloroethene	ug/L	50	46.7	93	75-132	
trans-1,3-Dichloropropene	ug/L	50	43.8	88	70-130	
Trichloroethene	ug/L	50	47.1	94	70-130	
Trichlorofluoromethane	ug/L	50	38.6	77	76-133	
Vinyl chloride	ug/L	50	34.7	69	57-136	
4-Bromofluorobenzene (S)	%			105	61-130	
Dibromofluoromethane (S)	%			98	67-130	
Toluene-d8 (S)	%			99	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1550180 1550181

Parameter	Units	40154250001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1-Trichloroethane	ug/L	<0.00050 mg/L	50	50	52.0	49.9	104	100	70-134	4	20	
1,1,2,2-Tetrachloroethane	ug/L	<0.00025 mg/L	50	50	57.9	56.3	116	113	70-130	3	20	
1,1,2-Trichloroethane	ug/L	<0.00020 mg/L	50	50	58.0	59.0	116	118	70-130	2	20	
1,1-Dichloroethane	ug/L	<0.00024 mg/L	50	50	55.6	58.4	111	117	71-133	5	20	
1,1-Dichloroethene	ug/L	<0.00041 mg/L	50	50	46.0	46.0	92	92	75-136	0	20	
1,2,4-Trichlorobenzene	ug/L	<2.2	50	50	53.0	51.8	106	104	70-130	2	20	
1,2-Dibromo-3-chloropropane	ug/L	<2.2	50	50	53.3	50.5	107	101	63-123	5	20	
1,2-Dibromoethane (EDB)	ug/L	<0.18	50	50	58.2	57.1	116	114	70-130	2	20	
1,2-Dichlorobenzene	ug/L	<0.50	50	50	54.9	53.7	110	107	70-130	2	20	

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QUALITY CONTROL DATA

Project: 0403363 KRAFT
Pace Project No.: 40154221

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1550180 1550181

Parameter	Units	40154250001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,2-Dichloroethane	ug/L	<0.00017 mg/L	50	50	53.5	51.1	107	102	70-131	5	20	
1,2-Dichloropropane	ug/L	<0.00023 mg/L	50	50	60.8	60.1	122	120	80-120	1	20	M1
1,3-Dichlorobenzene	ug/L	<0.50	50	50	57.1	54.5	114	109	70-130	5	20	
1,4-Dichlorobenzene	ug/L	<0.50	50	50	55.8	54.9	112	110	70-130	2	20	
Benzene	ug/L	<0.00050 mg/L	50	50	55.0	53.1	110	106	73-145	4	20	
Bromodichloromethane	ug/L	<0.00050 mg/L	50	50	58.5	56.4	117	113	70-130	4	20	
Bromoform	ug/L	<0.00050 mg/L	50	50	57.2	56.8	114	114	67-130	1	20	
Bromomethane	ug/L	<0.0024 mg/L	50	50	37.8	37.5	76	75	26-129	1	20	
Carbon tetrachloride	ug/L	<0.00050 mg/L	50	50	53.8	52.2	108	104	70-134	3	20	
Chlorobenzene	ug/L	<0.00050 mg/L	50	50	58.2	55.9	116	112	70-130	4	20	
Chloroethane	ug/L	<0.00037 mg/L	50	50	47.9	46.8	96	94	58-120	2	20	
Chloroform	ug/L	<0.0025 mg/L	50	50	56.1	53.5	112	107	80-121	5	20	
Chloromethane	ug/L	<0.00050 mg/L	50	50	32.8	32.6	66	65	40-128	0	20	
cis-1,2-Dichloroethene	ug/L	<0.00026 mg/L	50	50	54.8	51.8	110	104	70-130	6	20	
cis-1,3-Dichloropropene	ug/L	<0.00050 mg/L	50	50	56.8	54.6	114	109	70-130	4	20	
Dibromochloromethane	ug/L	<0.00050 mg/L	50	50	56.4	55.7	113	111	70-130	1	20	
Dichlorodifluoromethane	ug/L	<0.22	50	50	22.4	21.7	45	43	20-146	3	20	
Ethylbenzene	ug/L	0.00054J mg/L	50	50	58.9	57.9	117	115	87-129	2	20	
Isopropylbenzene (Cumene)	ug/L	<0.14	50	50	58.9	57.1	118	114	70-130	3	20	
m&p-Xylene	ug/L	<1.0	100	100	118	118	118	118	70-130	0	20	
Methyl-tert-butyl ether	ug/L	<0.00017 mg/L	50	50	55.1	54.6	110	109	66-143	1	20	
Methylene Chloride	ug/L	<0.00023 mg/L	50	50	55.4	54.4	111	109	70-130	2	20	
o-Xylene	ug/L	<0.50	50	50	60.7	59.4	121	119	70-130	2	20	
Styrene	ug/L	0.0047 mg/L	50	50	67.7	69.8	126	130	70-130	3	20	
Tetrachloroethene	ug/L	<0.00050 mg/L	50	50	49.8	50.3	100	101	70-130	1	20	
Toluene	ug/L	0.00079J mg/L	50	50	58.9	59.1	116	117	82-131	0	20	
trans-1,2-Dichloroethene	ug/L	<0.00026 mg/L	50	50	57.8	55.0	116	110	75-135	5	20	
trans-1,3-Dichloropropene	ug/L	<0.00023 mg/L	50	50	55.3	55.2	111	110	70-130	0	20	
Trichloroethene	ug/L	<0.00033 mg/L	50	50	57.5	55.3	115	111	70-130	4	20	

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QUALITY CONTROL DATA

Project: 0403363 KRAFT
Pace Project No.: 40154221

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1550180 1550181

Parameter	Units	40154250001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Trichlorofluoromethane	ug/L	<0.18	50	50	39.5	37.8	79	76	76-150	4	20	
Vinyl chloride	ug/L	<0.00018 mg/L	50	50	41.6	39.8	83	80	56-143	4	20	
4-Bromofluorobenzene (S)	%						100	105	61-130			HS
Dibromofluoromethane (S)	%						100	99	67-130			
Toluene-d8 (S)	%						99	101	70-130			

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QUALITY CONTROL DATA

Project: 0403363 KRAFT
Pace Project No.: 40154221

QC Batch: 263757 | Analysis Method: EPA 8082
QC Batch Method: EPA 3541 | Analysis Description: 8082 GCS PCB
Associated Lab Samples: 40154221010, 40154221011, 40154221014, 40154221016, 40154221020

METHOD BLANK: 1552400 | Matrix: Solid
Associated Lab Samples: 40154221010, 40154221011, 40154221014, 40154221016, 40154221020

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	<25.0	50.0	08/08/17 01:33	
PCB-1221 (Aroclor 1221)	ug/kg	<25.0	50.0	08/08/17 01:33	
PCB-1232 (Aroclor 1232)	ug/kg	<25.0	50.0	08/08/17 01:33	
PCB-1242 (Aroclor 1242)	ug/kg	<25.0	50.0	08/08/17 01:33	
PCB-1248 (Aroclor 1248)	ug/kg	<25.0	50.0	08/08/17 01:33	
PCB-1254 (Aroclor 1254)	ug/kg	<25.0	50.0	08/08/17 01:33	
PCB-1260 (Aroclor 1260)	ug/kg	<25.0	50.0	08/08/17 01:33	
Decachlorobiphenyl (S)	%	76	53-105	08/08/17 01:33	
Tetrachloro-m-xylene (S)	%	72	50-102	08/08/17 01:33	

LABORATORY CONTROL SAMPLE: 1552401

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg		<25.0			
PCB-1221 (Aroclor 1221)	ug/kg		<25.0			
PCB-1232 (Aroclor 1232)	ug/kg		<25.0			
PCB-1242 (Aroclor 1242)	ug/kg		<25.0			
PCB-1248 (Aroclor 1248)	ug/kg		<25.0			
PCB-1254 (Aroclor 1254)	ug/kg		<25.0			
PCB-1260 (Aroclor 1260)	ug/kg	500	369	74	59-106	
Decachlorobiphenyl (S)	%			80	53-105	
Tetrachloro-m-xylene (S)	%			76	50-102	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1552402 1552403

Parameter	Units	40154307017 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
PCB-1016 (Aroclor 1016)	ug/kg	<28.9			<28.9	<28.9					20	
PCB-1221 (Aroclor 1221)	ug/kg	<28.9			<28.9	<28.9					20	
PCB-1232 (Aroclor 1232)	ug/kg	<28.9			<28.9	<28.9					20	
PCB-1242 (Aroclor 1242)	ug/kg	<28.9			<28.9	<28.9					20	
PCB-1248 (Aroclor 1248)	ug/kg	<28.9			<28.9	<28.9					20	
PCB-1254 (Aroclor 1254)	ug/kg	<28.9			<28.9	<28.9					20	
PCB-1260 (Aroclor 1260)	ug/kg	<28.9	578	578	418	427	72	74	51-109	2	20	
Decachlorobiphenyl (S)	%						78	79	53-105			
Tetrachloro-m-xylene (S)	%						75	76	50-102			

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 0403363 KRAFT
Pace Project No.: 40154221

QC Batch: 263824 | Analysis Method: EPA 8270 by SIM
QC Batch Method: EPA 3546 | Analysis Description: 8270/3546 MSSV PAH by SIM
Associated Lab Samples: 40154221012, 40154221013, 40154221015

METHOD BLANK: 1552615 | Matrix: Solid
Associated Lab Samples: 40154221012, 40154221013, 40154221015

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1-Methylnaphthalene	ug/kg	<4.0	13.4	08/08/17 16:31	
2-Methylnaphthalene	ug/kg	<5.0	16.7	08/08/17 16:31	
Acenaphthene	ug/kg	<3.9	12.9	08/08/17 16:31	
Acenaphthylene	ug/kg	<3.3	11.0	08/08/17 16:31	
Anthracene	ug/kg	<5.7	19.0	08/08/17 16:31	
Benzo(a)anthracene	ug/kg	<3.2	10.6	08/08/17 16:31	
Benzo(a)pyrene	ug/kg	<2.5	8.4	08/08/17 16:31	
Benzo(b)fluoranthene	ug/kg	<2.8	9.4	08/08/17 16:31	
Benzo(g,h,i)perylene	ug/kg	<2.0	6.8	08/08/17 16:31	
Benzo(k)fluoranthene	ug/kg	<2.5	8.4	08/08/17 16:31	
Chrysene	ug/kg	<3.4	11.2	08/08/17 16:31	
Dibenz(a,h)anthracene	ug/kg	<2.2	7.5	08/08/17 16:31	
Fluoranthene	ug/kg	<5.2	17.4	08/08/17 16:31	
Fluorene	ug/kg	<4.1	13.8	08/08/17 16:31	
Indeno(1,2,3-cd)pyrene	ug/kg	<2.2	7.3	08/08/17 16:31	
Naphthalene	ug/kg	<8.4	28.1	08/08/17 16:31	
Phenanthrene	ug/kg	<11.7	38.9	08/08/17 16:31	
Pyrene	ug/kg	<4.5	15.0	08/08/17 16:31	
2-Fluorobiphenyl (S)	%	67	19-96	08/08/17 16:31	
Terphenyl-d14 (S)	%	85	31-98	08/08/17 16:31	

LABORATORY CONTROL SAMPLE: 1552616

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/kg	334	219	66	49-102	
2-Methylnaphthalene	ug/kg	334	234	70	47-91	
Acenaphthene	ug/kg	334	263	79	52-97	
Acenaphthylene	ug/kg	334	259	78	49-97	
Anthracene	ug/kg	334	257	77	62-101	
Benzo(a)anthracene	ug/kg	334	257	77	53-95	
Benzo(a)pyrene	ug/kg	334	277	83	57-108	
Benzo(b)fluoranthene	ug/kg	334	246	74	53-113	
Benzo(g,h,i)perylene	ug/kg	334	284	85	43-114	
Benzo(k)fluoranthene	ug/kg	334	300	90	66-116	
Chrysene	ug/kg	334	269	81	64-109	
Dibenz(a,h)anthracene	ug/kg	334	281	84	50-105	
Fluoranthene	ug/kg	334	281	84	58-107	
Fluorene	ug/kg	334	261	78	52-99	
Indeno(1,2,3-cd)pyrene	ug/kg	334	278	83	51-113	
Naphthalene	ug/kg	334	233	70	50-91	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 0403363 KRAFT
Pace Project No.: 40154221

LABORATORY CONTROL SAMPLE: 1552616

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Phenanthrene	ug/kg	334	265	79	57-101	
Pyrene	ug/kg	334	258	77	50-102	
2-Fluorobiphenyl (S)	%			70	19-96	
Terphenyl-d14 (S)	%			72	31-98	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1552617 1552618

Parameter	Units	40154163003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1-Methylnaphthalene	ug/kg	<4.8	400	399	267	258	67	65	37-102	3	29	
2-Methylnaphthalene	ug/kg	<6.0	400	399	273	272	68	68	44-91	1	36	
Acenaphthene	ug/kg	<4.6	400	399	298	296	75	74	46-97	1	26	
Acenaphthylene	ug/kg	<3.9	400	399	297	293	74	73	47-97	1	29	
Anthracene	ug/kg	<6.8	400	399	309	307	77	77	50-101	1	28	
Benzo(a)anthracene	ug/kg	<3.8	400	399	282	278	71	70	48-95	1	28	
Benzo(a)pyrene	ug/kg	<3.0	400	399	306	301	77	76	47-108	1	36	
Benzo(b)fluoranthene	ug/kg	<3.4	400	399	264	269	66	67	42-113	2	34	
Benzo(g,h,i)perylene	ug/kg	<2.4	400	399	313	305	78	76	18-114	2	30	
Benzo(k)fluoranthene	ug/kg	<3.0	400	399	337	317	84	79	50-116	6	27	
Chrysene	ug/kg	<4.0	400	399	301	291	75	73	55-109	4	28	
Dibenz(a,h)anthracene	ug/kg	<2.7	400	399	310	306	78	77	39-105	1	29	
Fluoranthene	ug/kg	<6.2	400	399	305	301	76	75	41-107	1	28	
Fluorene	ug/kg	<5.0	400	399	290	287	73	72	48-99	1	28	
Indeno(1,2,3-cd)pyrene	ug/kg	<2.6	400	399	305	298	76	75	27-113	2	30	
Naphthalene	ug/kg	<10.1	400	399	277	283	69	71	40-91	2	37	
Phenanthrene	ug/kg	<14.0	400	399	298	295	74	73	46-101	1	40	
Pyrene	ug/kg	<5.4	400	399	279	275	70	69	50-102	1	31	
2-Fluorobiphenyl (S)	%						64	65	19-96			
Terphenyl-d14 (S)	%						63	63	31-98			

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QUALITY CONTROL DATA

Project: 0403363 KRAFT
Pace Project No.: 40154221

QC Batch: 264121 | Analysis Method: EPA 8270 by SIM
QC Batch Method: EPA 3546 | Analysis Description: 8270/3546 MSSV PAH by SIM
Associated Lab Samples: 40154221017, 40154221018, 40154221019

METHOD BLANK: 1554276 | Matrix: Solid
Associated Lab Samples: 40154221017, 40154221018, 40154221019

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1-Methylnaphthalene	ug/kg	<4.0	13.4	08/10/17 12:25	
2-Methylnaphthalene	ug/kg	<5.0	16.7	08/10/17 12:25	
Acenaphthene	ug/kg	<3.9	12.9	08/10/17 12:25	
Acenaphthylene	ug/kg	<3.3	11.0	08/10/17 12:25	
Anthracene	ug/kg	<5.7	19.0	08/10/17 12:25	
Benzo(a)anthracene	ug/kg	<3.2	10.6	08/10/17 12:25	
Benzo(a)pyrene	ug/kg	<2.5	8.4	08/10/17 12:25	
Benzo(b)fluoranthene	ug/kg	<2.8	9.4	08/10/17 12:25	
Benzo(g,h,i)perylene	ug/kg	<2.0	6.8	08/10/17 12:25	
Benzo(k)fluoranthene	ug/kg	<2.5	8.4	08/10/17 12:25	
Chrysene	ug/kg	<3.4	11.2	08/10/17 12:25	
Dibenz(a,h)anthracene	ug/kg	<2.2	7.4	08/10/17 12:25	
Fluoranthene	ug/kg	<5.2	17.4	08/10/17 12:25	
Fluorene	ug/kg	<4.1	13.8	08/10/17 12:25	
Indeno(1,2,3-cd)pyrene	ug/kg	<2.2	7.3	08/10/17 12:25	
Naphthalene	ug/kg	<8.4	28.1	08/10/17 12:25	
Phenanthrene	ug/kg	<11.6	38.8	08/10/17 12:25	
Pyrene	ug/kg	<4.5	15.0	08/10/17 12:25	
2-Fluorobiphenyl (S)	%	67	19-96	08/10/17 12:25	
Terphenyl-d14 (S)	%	76	31-98	08/10/17 12:25	

LABORATORY CONTROL SAMPLE: 1554277

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/kg	333	224	67	49-102	
2-Methylnaphthalene	ug/kg	333	224	67	47-91	
Acenaphthene	ug/kg	333	262	79	52-97	
Acenaphthylene	ug/kg	333	255	77	49-97	
Anthracene	ug/kg	333	267	80	62-101	
Benzo(a)anthracene	ug/kg	333	232	70	53-95	
Benzo(a)pyrene	ug/kg	333	245	74	57-108	
Benzo(b)fluoranthene	ug/kg	333	248	75	53-113	
Benzo(g,h,i)perylene	ug/kg	333	290	87	43-114	
Benzo(k)fluoranthene	ug/kg	333	267	80	66-116	
Chrysene	ug/kg	333	261	78	64-109	
Dibenz(a,h)anthracene	ug/kg	333	270	81	50-105	
Fluoranthene	ug/kg	333	253	76	58-107	
Fluorene	ug/kg	333	251	75	52-99	
Indeno(1,2,3-cd)pyrene	ug/kg	333	269	81	51-113	
Naphthalene	ug/kg	333	247	74	50-91	

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QUALITY CONTROL DATA

Project: 0403363 KRAFT
Pace Project No.: 40154221

LABORATORY CONTROL SAMPLE: 1554277

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Phenanthrene	ug/kg	333	242	73	57-101	
Pyrene	ug/kg	333	235	71	50-102	
2-Fluorobiphenyl (S)	%			70	19-96	
Terphenyl-d14 (S)	%			72	31-98	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1554278 1554279

Parameter	Units	40154221018 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1-Methylnaphthalene	ug/kg	2550	376	374	3550	3520	266	259	37-102	1	29	M6
2-Methylnaphthalene	ug/kg	7630	376	374	9570	8900	515	340	44-91	7	36	M6
Acenaphthene	ug/kg	<87.1	376	374	375	362	100	97	46-97	3	26	M6
Acenaphthylene	ug/kg	<74.0	376	374	282	349	75	93	47-97	21	29	
Anthracene	ug/kg	<128	376	374	280J	212J	75	57	50-101		28	
Benzo(a)anthracene	ug/kg	<71.2	376	374	284	295	62	65	48-95	4	28	
Benzo(a)pyrene	ug/kg	<56.4	376	374	250	243	67	65	47-108	3	36	
Benzo(b)fluoranthene	ug/kg	<63.4	376	374	232	264	62	70	42-113	13	34	
Benzo(g,h,i)perylene	ug/kg	<45.6	376	374	123J	135J	33	36	18-114		30	
Benzo(k)fluoranthene	ug/kg	<56.3	376	374	261	282	70	75	50-116	8	27	
Chrysene	ug/kg	<75.7	376	374	269	318	66	79	55-109	17	28	
Dibenz(a,h)anthracene	ug/kg	<50.2	376	374	142J	180	38	48	39-105		29	M6
Fluoranthene	ug/kg	<117	376	374	294J	268J	78	71	41-107		28	
Fluorene	ug/kg	188J	376	374	296J	275J	29	23	48-99		28	M6
Indeno(1,2,3-cd)pyrene	ug/kg	<49.4	376	374	130J	146J	35	39	27-113		30	
Naphthalene	ug/kg	6770	376	374	10100	10500	877	988	40-91	4	37	M6
Phenanthrene	ug/kg	<262	376	374	313J	296J	75	71	46-101		40	
Pyrene	ug/kg	<101	376	374	278J	284J	74	76	50-102		31	
2-Fluorobiphenyl (S)	%						59	75	19-96			
Terphenyl-d14 (S)	%						61	74	31-98			

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QUALITY CONTROL DATA

Project: 0403363 KRAFT
Pace Project No.: 40154221

QC Batch: 263410 | Analysis Method: EPA 8270
QC Batch Method: EPA 3546 | Analysis Description: 8270 Solid MSSV Microwave
Associated Lab Samples: 40154221010, 40154221011, 40154221014, 40154221016, 40154221020

METHOD BLANK: 1550145 | Matrix: Solid
Associated Lab Samples: 40154221010, 40154221011, 40154221014, 40154221016, 40154221020

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trichlorobenzene	ug/kg	<18.9	62.8	08/03/17 11:24	
1,2-Dichlorobenzene	ug/kg	<52.4	175	08/03/17 11:24	
1,3-Dichlorobenzene	ug/kg	<23.1	77.0	08/03/17 11:24	
1,4-Dichlorobenzene	ug/kg	<23.2	77.4	08/03/17 11:24	
2,2'-Oxybis(1-chloropropane)	ug/kg	<43.0	143	08/03/17 11:24	
2,4,5-Trichlorophenol	ug/kg	<29.5	98.2	08/03/17 11:24	
2,4,6-Trichlorophenol	ug/kg	<25.4	84.7	08/03/17 11:24	
2,4-Dichlorophenol	ug/kg	<44.6	149	08/03/17 11:24	
2,4-Dimethylphenol	ug/kg	<33.0	110	08/03/17 11:24	
2,4-Dinitrophenol	ug/kg	<50.8	169	08/03/17 11:24	
2,4-Dinitrotoluene	ug/kg	<23.8	79.5	08/03/17 11:24	
2,6-Dinitrotoluene	ug/kg	<31.7	106	08/03/17 11:24	
2-Chloronaphthalene	ug/kg	<21.4	71.4	08/03/17 11:24	
2-Chlorophenol	ug/kg	<41.6	139	08/03/17 11:24	
2-Methylnaphthalene	ug/kg	<43.3	144	08/03/17 11:24	
2-Methylphenol(o-Cresol)	ug/kg	<30.3	101	08/03/17 11:24	
2-Nitroaniline	ug/kg	<47.5	158	08/03/17 11:24	
2-Nitrophenol	ug/kg	<52.6	175	08/03/17 11:24	
3&4-Methylphenol(m&p Cresol)	ug/kg	<30.6	102	08/03/17 11:24	
3,3'-Dichlorobenzidine	ug/kg	<45.2	151	08/03/17 11:24	
3-Nitroaniline	ug/kg	<28.4	94.5	08/03/17 11:24	
4,6-Dinitro-2-methylphenol	ug/kg	<51.4	171	08/03/17 11:24	
4-Bromophenylphenyl ether	ug/kg	<34.9	116	08/03/17 11:24	
4-Chloro-3-methylphenol	ug/kg	<51.9	173	08/03/17 11:24	
4-Chloroaniline	ug/kg	<27.4	91.3	08/03/17 11:24	
4-Chlorophenylphenyl ether	ug/kg	<31.1	104	08/03/17 11:24	
4-Nitroaniline	ug/kg	<69.2	231	08/03/17 11:24	
4-Nitrophenol	ug/kg	<42.0	140	08/03/17 11:24	
Acenaphthene	ug/kg	<59.1	197	08/03/17 11:24	
Acenaphthylene	ug/kg	<59.5	198	08/03/17 11:24	
Anthracene	ug/kg	<26.7	88.8	08/03/17 11:24	
Benzo(a)anthracene	ug/kg	<25.8	86.1	08/03/17 11:24	
Benzo(a)pyrene	ug/kg	<25.1	83.6	08/03/17 11:24	
Benzo(b)fluoranthene	ug/kg	<28.7	95.5	08/03/17 11:24	
Benzo(g,h,i)perylene	ug/kg	<43.6	145	08/03/17 11:24	
Benzo(k)fluoranthene	ug/kg	<39.9	133	08/03/17 11:24	
bis(2-Chloroethoxy)methane	ug/kg	<44.9	150	08/03/17 11:24	
bis(2-Chloroethyl) ether	ug/kg	<52.1	174	08/03/17 11:24	
bis(2-Ethylhexyl)phthalate	ug/kg	<27.7	92.4	08/03/17 11:24	
Butylbenzylphthalate	ug/kg	<26.7	89.1	08/03/17 11:24	
Carbazole	ug/kg	<26.1	87.0	08/03/17 11:24	

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QUALITY CONTROL DATA

Project: 0403363 KRAFT
Pace Project No.: 40154221

METHOD BLANK: 1550145 Matrix: Solid
Associated Lab Samples: 40154221010, 40154221011, 40154221014, 40154221016, 40154221020

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chrysene	ug/kg	<24.9	83.1	08/03/17 11:24	
Di-n-butylphthalate	ug/kg	<24.9	83.1	08/03/17 11:24	
Di-n-octylphthalate	ug/kg	<37.5	125	08/03/17 11:24	
Dibenz(a,h)anthracene	ug/kg	<45.3	151	08/03/17 11:24	
Dibenzofuran	ug/kg	<20.2	67.3	08/03/17 11:24	
Diethylphthalate	ug/kg	<27.7	92.2	08/03/17 11:24	
Dimethylphthalate	ug/kg	<21.7	72.3	08/03/17 11:24	
Fluoranthene	ug/kg	<23.6	78.7	08/03/17 11:24	
Fluorene	ug/kg	<19.5	65.0	08/03/17 11:24	
Hexachloro-1,3-butadiene	ug/kg	<42.5	142	08/03/17 11:24	
Hexachlorobenzene	ug/kg	<28.0	93.5	08/03/17 11:24	
Hexachlorocyclopentadiene	ug/kg	<39.5	132	08/03/17 11:24	
Hexachloroethane	ug/kg	<26.7	89.0	08/03/17 11:24	
Indeno(1,2,3-cd)pyrene	ug/kg	<36.1	120	08/03/17 11:24	
Isophorone	ug/kg	<25.6	85.4	08/03/17 11:24	
N-Nitroso-di-n-propylamine	ug/kg	<26.4	88.2	08/03/17 11:24	
N-Nitrosodiphenylamine	ug/kg	<226	754	08/03/17 11:24	
Naphthalene	ug/kg	<58.3	194	08/03/17 11:24	
Nitrobenzene	ug/kg	<33.8	113	08/03/17 11:24	
Pentachlorophenol	ug/kg	<36.7	122	08/03/17 11:24	
Phenanthrene	ug/kg	<21.4	71.3	08/03/17 11:24	
Phenol	ug/kg	<39.6	132	08/03/17 11:24	
Pyrene	ug/kg	<37.0	123	08/03/17 11:24	
2,4,6-Tribromophenol (S)	%	104	13-143	08/03/17 11:24	
2-Fluorobiphenyl (S)	%	94	18-127	08/03/17 11:24	
2-Fluorophenol (S)	%	93	16-103	08/03/17 11:24	
Nitrobenzene-d5 (S)	%	100	13-114	08/03/17 11:24	
Phenol-d6 (S)	%	93	30-97	08/03/17 11:24	
Terphenyl-d14 (S)	%	102	41-109	08/03/17 11:24	

LABORATORY CONTROL SAMPLE: 1550146

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	ug/kg	1670	1410	85	65-130	
1,2-Dichlorobenzene	ug/kg	1670	1380	83	53-130	
1,3-Dichlorobenzene	ug/kg	1670	1350	81	51-99	
1,4-Dichlorobenzene	ug/kg	1670	1360	82	52-101	
2,2'-Oxybis(1-chloropropane)	ug/kg	1670	1490	89	54-105	
2,4,5-Trichlorophenol	ug/kg	1670	1510	90	60-119	
2,4,6-Trichlorophenol	ug/kg	1670	1510	90	64-115	
2,4-Dichlorophenol	ug/kg	1670	1500	90	66-99	
2,4-Dimethylphenol	ug/kg	1670	1560	94	70-121	
2,4-Dinitrophenol	ug/kg	1670	1180	71	23-72	
2,4-Dinitrotoluene	ug/kg	1670	1690	101	58-131	

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QUALITY CONTROL DATA

Project: 0403363 KRAFT
Pace Project No.: 40154221

LABORATORY CONTROL SAMPLE: 1550146

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2,6-Dinitrotoluene	ug/kg	1670	1660	99	60-125	
2-Chloronaphthalene	ug/kg	1670	1460	88	64-111	
2-Chlorophenol	ug/kg	1670	1420	85	57-130	
2-Methylnaphthalene	ug/kg	1670	1540	92	67-130	
2-Methylphenol(o-Cresol)	ug/kg	1670	1470	88	64-106	
2-Nitroaniline	ug/kg	1670	1610	97	60-124	
2-Nitrophenol	ug/kg	1670	1460	87	63-107	
3&4-Methylphenol(m&p Cresol)	ug/kg	1670	1470	88	62-106	
3,3'-Dichlorobenzidine	ug/kg	1670	1200	72	39-100	
3-Nitroaniline	ug/kg	1670	1570	94	53-119	
4,6-Dinitro-2-methylphenol	ug/kg	1670	1470	88	49-115	
4-Bromophenylphenyl ether	ug/kg	1670	1620	97	70-130	
4-Chloro-3-methylphenol	ug/kg	1670	1620	97	68-101	
4-Chloroaniline	ug/kg	1670	1510	90	62-126	
4-Chlorophenylphenyl ether	ug/kg	1670	1620	97	67-116	
4-Nitroaniline	ug/kg	1670	1620	97	48-130	
4-Nitrophenol	ug/kg	1670	1630	98	38-118	
Acenaphthene	ug/kg	1670	1560	93	65-116	
Acenaphthylene	ug/kg	1670	1550	93	63-119	
Anthracene	ug/kg	1670	1780	107	70-122	
Benzo(a)anthracene	ug/kg	1670	1550	93	68-111	
Benzo(a)pyrene	ug/kg	1670	1630	98	69-106	
Benzo(b)fluoranthene	ug/kg	1670	1610	97	62-104	
Benzo(g,h,i)perylene	ug/kg	1670	1630	98	55-114	
Benzo(k)fluoranthene	ug/kg	1670	1580	95	64-104	
bis(2-Chloroethoxy)methane	ug/kg	1670	1570	94	70-130	
bis(2-Chloroethyl) ether	ug/kg	1670	1470	88	55-130	
bis(2-Ethylhexyl)phthalate	ug/kg	1670	1740	104	56-117	
Butylbenzylphthalate	ug/kg	1670	1740	104	57-118	
Carbazole	ug/kg	1670	1820	109	70-125	
Chrysene	ug/kg	1670	1290	77	49-121	
Di-n-butylphthalate	ug/kg	1670	1810	108	68-113	
Di-n-octylphthalate	ug/kg	1670	1670	100	48-123	
Dibenz(a,h)anthracene	ug/kg	1670	1090	65	10-124	
Dibenzofuran	ug/kg	1670	1540	92	67-118	
Diethylphthalate	ug/kg	1670	1730	104	68-117	
Dimethylphthalate	ug/kg	1670	1760	106	68-115	
Fluoranthene	ug/kg	1670	1670	100	72-117	
Fluorene	ug/kg	1670	1630	98	64-123	
Hexachloro-1,3-butadiene	ug/kg	1670	1580	95	62-106	
Hexachlorobenzene	ug/kg	1670	1690	101	70-130	
Hexachlorocyclopentadiene	ug/kg	1670	1080	65	41-114	
Hexachloroethane	ug/kg	1670	1390	83	51-96	
Indeno(1,2,3-cd)pyrene	ug/kg	1670	1670	100	47-116	
Isophorone	ug/kg	1670	1500	90	67-130	
N-Nitroso-di-n-propylamine	ug/kg	1670	1450	87	61-130	
N-Nitrosodiphenylamine	ug/kg	1670	1660	100	73-115	

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QUALITY CONTROL DATA

Project: 0403363 KRAFT
Pace Project No.: 40154221

LABORATORY CONTROL SAMPLE: 1550146

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Naphthalene	ug/kg	1670	1490	89	65-130	
Nitrobenzene	ug/kg	1670	1430	86	64-130	
Pentachlorophenol	ug/kg	1670	1550	93	50-111	
Phenanthrene	ug/kg	1670	1640	98	70-111	
Phenol	ug/kg	1670	1410	84	56-103	
Pyrene	ug/kg	1670	1660	100	69-118	
2,4,6-Tribromophenol (S)	%			103	13-143	
2-Fluorobiphenyl (S)	%			89	18-127	
2-Fluorophenol (S)	%			80	16-103	
Nitrobenzene-d5 (S)	%			88	13-114	
Phenol-d6 (S)	%			84	30-97	
Terphenyl-d14 (S)	%			97	41-109	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1550147 1550148

Parameter	Units	40153864002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,2,4-Trichlorobenzene	ug/kg	<0.022 mg/kg	1930	1930	1680	1580	87	82	51-130	6	28	
1,2-Dichlorobenzene	ug/kg	<0.061 mg/kg	1930	1930	1630	1460	84	76	43-130	11	34	
1,3-Dichlorobenzene	ug/kg	<0.027 mg/kg	1930	1930	1630	1440	85	75	39-99	12	34	
1,4-Dichlorobenzene	ug/kg	<0.027 mg/kg	1930	1930	1620	1440	84	74	39-101	12	34	
2,2'-Oxybis(1-chloropropane)	ug/kg	<0.050 mg/kg	1930	1930	1770	1670	92	87	39-105	6	28	
2,4,5-Trichlorophenol	ug/kg	<0.034 mg/kg	1930	1930	969	1080	50	56	34-119	11	39	
2,4,6-Trichlorophenol	ug/kg	<0.029 mg/kg	1930	1930	1110	1180	57	61	41-117	6	33	
2,4-Dichlorophenol	ug/kg	<0.052 mg/kg	1930	1930	1440	1450	74	75	48-99	1	23	
2,4-Dimethylphenol	ug/kg	<0.038 mg/kg	1930	1930	1830	1790	95	93	47-121	2	35	
2,4-Dinitrophenol	ug/kg	<0.059 mg/kg	1930	1930	<58.9	<58.8	0	0	10-72		50	M1
2,4-Dinitrotoluene	ug/kg	<0.028 mg/kg	1930	1930	1710	1740	89	90	34-131	2	28	
2,6-Dinitrotoluene	ug/kg	<0.037 mg/kg	1930	1930	1740	1850	90	96	37-127	6	23	
2-Chloronaphthalene	ug/kg	<0.025 mg/kg	1930	1930	1620	1630	84	84	51-111	0	20	
2-Chlorophenol	ug/kg	<0.048 mg/kg	1930	1930	1560	1440	81	75	45-130	8	30	
2-Methylnaphthalene	ug/kg	<0.050 mg/kg	1930	1930	1750	1730	90	89	47-130	1	37	
2-Methylphenol(o-Cresol)	ug/kg	<0.035 mg/kg	1930	1930	1680	1610	87	84	46-106	4	32	

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QUALITY CONTROL DATA

Project: 0403363 KRAFT
Pace Project No.: 40154221

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1550147 1550148

Parameter	Units	40153864002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
2-Nitroaniline	ug/kg	<0.055 mg/kg	1930	1930	1720	1760	89	91	36-126	3	33	
2-Nitrophenol	ug/kg	<0.061 mg/kg	1930	1930	1620	1580	84	82	29-114	3	33	
3&4-Methylphenol(m&p Cresol)	ug/kg	<0.035 mg/kg	1930	1930	1670	1590	87	82	42-106	5	33	
3,3'-Dichlorobenzidine	ug/kg	<0.052 mg/kg	1930	1930	1610	1730	84	90	10-120	7	50	
3-Nitroaniline	ug/kg	<0.033 mg/kg	1930	1930	1670	1710	86	89	22-125	2	39	
4,6-Dinitro-2-methylphenol	ug/kg	<0.059 mg/kg	1930	1930	348	351	18	18	10-115	1	50	
4-Bromophenylphenyl ether	ug/kg	<0.040 mg/kg	1930	1930	1690	1700	88	88	52-130	0	22	
4-Chloro-3-methylphenol	ug/kg	<0.060 mg/kg	1930	1930	1650	1650	86	86	52-101	0	31	
4-Chloroaniline	ug/kg	<0.032 mg/kg	1930	1930	1630	1560	84	81	26-126	4	41	
4-Chlorophenylphenyl ether	ug/kg	<0.036 mg/kg	1930	1930	1730	1720	90	89	54-116	1	22	
4-Nitroaniline	ug/kg	<0.080 mg/kg	1930	1930	1540	1680	80	87	15-130	8	50	
4-Nitrophenol	ug/kg	<0.049 mg/kg	1930	1930	689	640	36	33	10-118	7	47	
Acenaphthene	ug/kg	<0.068 mg/kg	1930	1930	1670	1710	86	89	46-120	2	31	
Acenaphthylene	ug/kg	<0.069 mg/kg	1930	1930	1650	1690	85	87	50-119	2	30	
Anthracene	ug/kg	<0.031 mg/kg	1930	1930	1940	1950	101	101	40-122	0	38	
Benzo(a)anthracene	ug/kg	<0.030 mg/kg	1930	1930	1710	1720	89	89	43-111	0	41	
Benzo(a)pyrene	ug/kg	<0.029 mg/kg	1930	1930	1700	1730	88	90	46-106	2	43	
Benzo(b)fluoranthene	ug/kg	<0.033 mg/kg	1930	1930	1640	1660	85	86	39-104	1	47	
Benzo(g,h,i)perylene	ug/kg	<0.050 mg/kg	1930	1930	1780	1860	92	96	39-114	4	37	
Benzo(k)fluoranthene	ug/kg	<0.046 mg/kg	1930	1930	1620	1720	84	89	44-104	6	38	
bis(2-Chloroethoxy)methane	ug/kg	<0.052 mg/kg	1930	1930	1790	1760	93	91	49-130	2	20	
bis(2-Chloroethyl) ether	ug/kg	<0.060 mg/kg	1930	1930	1660	1570	86	81	40-130	6	33	
bis(2-Ethylhexyl)phthalate	ug/kg	<0.032 mg/kg	1930	1930	1860	1920	97	99	42-117	3	23	
Butylbenzylphthalate	ug/kg	<0.031 mg/kg	1930	1930	1970	1970	102	102	44-118	0	24	
Carbazole	ug/kg	<0.030 mg/kg	1930	1930	1960	1960	102	102	35-125	0	38	
Chrysene	ug/kg	<0.029 mg/kg	1930	1930	1410	1430	73	74	24-129	2	46	
Di-n-butylphthalate	ug/kg	<0.029 mg/kg	1930	1930	2020	2070	104	107	51-113	2	20	

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QUALITY CONTROL DATA

Project: 0403363 KRAFT
Pace Project No.: 40154221

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1550147 1550148

Parameter	Units	40153864002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Di-n-octylphthalate	ug/kg	<0.043 mg/kg	1930	1930	1770	1820	92	95	32-125	3	32	
Dibenz(a,h)anthracene	ug/kg	<0.052 mg/kg	1930	1930	1020	1200	53	62	10-124	16	33	
Dibenzofuran	ug/kg	<0.023 mg/kg	1930	1930	1660	1690	86	87	48-118	1	27	
Diethylphthalate	ug/kg	<0.032 mg/kg	1930	1930	1920	1960	99	102	54-117	2	32	
Dimethylphthalate	ug/kg	<0.025 mg/kg	1930	1930	1900	1930	98	100	53-115	2	35	
Fluoranthene	ug/kg	<0.027 mg/kg	1930	1930	1890	1880	98	98	41-117	0	41	
Fluorene	ug/kg	<0.023 mg/kg	1930	1930	1790	1830	93	95	46-123	2	36	
Hexachloro-1,3-butadiene	ug/kg	<0.049 mg/kg	1930	1930	1800	1700	94	88	46-106	6	27	
Hexachlorobenzene	ug/kg	<0.032 mg/kg	1930	1930	1710	1700	88	88	51-130	0	22	
Hexachlorocyclopentadiene	ug/kg	<0.046 mg/kg	1930	1930	418	549	22	28	10-118	27	47	
Hexachloroethane	ug/kg	<0.031 mg/kg	1930	1930	1480	1400	77	72	36-96	6	42	
Indeno(1,2,3-cd)pyrene	ug/kg	<0.042 mg/kg	1930	1930	1720	1830	89	95	31-116	6	37	
Isophorone	ug/kg	<0.030 mg/kg	1930	1930	1680	1650	87	86	50-130	1	21	
N-Nitroso-di-n-propylamine	ug/kg	<0.031 mg/kg	1930	1930	1650	1600	85	83	46-130	3	36	
N-Nitrosodiphenylamine	ug/kg	<0.26 mg/kg	1930	1930	1800	1770	93	92	50-117	2	28	
Naphthalene	ug/kg	<0.067 mg/kg	1930	1930	1730	1650	90	86	46-130	5	28	
Nitrobenzene	ug/kg	<0.039 mg/kg	1930	1930	1650	1560	85	81	44-130	5	28	
Pentachlorophenol	ug/kg	<0.043 mg/kg	1930	1930	216	244	11	13	10-119	12	50	
Phenanthrene	ug/kg	<0.025 mg/kg	1930	1930	1830	1820	95	94	42-111	1	45	
Phenol	ug/kg	<0.046 mg/kg	1930	1930	1480	1410	77	73	39-103	5	30	
Pyrene	ug/kg	<0.043 mg/kg	1930	1930	1870	1810	97	94	44-118	3	43	
2,4,6-Tribromophenol (S)	%						71	76	13-143			
2-Fluorobiphenyl (S)	%						83	81	18-127			
2-Fluorophenol (S)	%						74	64	16-103			
Nitrobenzene-d5 (S)	%						85	78	13-114			
Phenol-d6 (S)	%						77	72	30-97			
Terphenyl-d14 (S)	%						88	86	41-109			

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QUALITY CONTROL DATA

Project: 0403363 KRAFT
Pace Project No.: 40154221

QC Batch: 263409 | Analysis Method: EPA 8270
QC Batch Method: EPA 3510 | Analysis Description: 8270 Water MSSV
Associated Lab Samples: 40154221001, 40154221002, 40154221007

METHOD BLANK: 1550142 | Matrix: Water
Associated Lab Samples: 40154221001, 40154221002, 40154221007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trichlorobenzene	ug/L	<2.0	6.8	08/03/17 12:28	
1,2-Dichlorobenzene	ug/L	<1.9	6.4	08/03/17 12:28	
1,3-Dichlorobenzene	ug/L	<1.9	6.3	08/03/17 12:28	
1,4-Dichlorobenzene	ug/L	<1.9	6.3	08/03/17 12:28	
2,2'-Oxybis(1-chloropropane)	ug/L	<1.5	5.1	08/03/17 12:28	
2,4,5-Trichlorophenol	ug/L	<0.84	2.8	08/03/17 12:28	
2,4,6-Trichlorophenol	ug/L	<2.1	7.0	08/03/17 12:28	
2,4-Dichlorophenol	ug/L	<1.4	4.6	08/03/17 12:28	
2,4-Dimethylphenol	ug/L	<1.3	4.2	08/03/17 12:28	
2,4-Dinitrophenol	ug/L	<0.71	2.4	08/03/17 12:28	
2,4-Dinitrotoluene	ug/L	<0.79	2.6	08/03/17 12:28	
2,6-Dinitrotoluene	ug/L	<0.60	2.0	08/03/17 12:28	
2-Chloronaphthalene	ug/L	<1.6	5.5	08/03/17 12:28	
2-Chlorophenol	ug/L	<1.2	3.9	08/03/17 12:28	
2-Methylnaphthalene	ug/L	<1.5	5.0	08/03/17 12:28	
2-Methylphenol(o-Cresol)	ug/L	<0.87	2.9	08/03/17 12:28	
2-Nitroaniline	ug/L	<0.77	2.6	08/03/17 12:28	
2-Nitrophenol	ug/L	<1.2	3.9	08/03/17 12:28	
3&4-Methylphenol(m&p Cresol)	ug/L	<1.6	5.2	08/03/17 12:28	
3,3'-Dichlorobenzidine	ug/L	<0.91	3.0	08/03/17 12:28	
3-Nitroaniline	ug/L	<0.97	3.2	08/03/17 12:28	
4,6-Dinitro-2-methylphenol	ug/L	<0.65	2.2	08/03/17 12:28	
4-Bromophenylphenyl ether	ug/L	<2.0	6.6	08/03/17 12:28	
4-Chloro-3-methylphenol	ug/L	<1.7	5.6	08/03/17 12:28	
4-Chloroaniline	ug/L	<1.1	3.7	08/03/17 12:28	
4-Chlorophenylphenyl ether	ug/L	<0.82	2.7	08/03/17 12:28	
4-Nitroaniline	ug/L	<1.8	6.1	08/03/17 12:28	
4-Nitrophenol	ug/L	<1.0	3.5	08/03/17 12:28	
Acenaphthene	ug/L	<1.3	4.5	08/03/17 12:28	
Acenaphthylene	ug/L	<1.1	3.5	08/03/17 12:28	
Anthracene	ug/L	<1.8	6.0	08/03/17 12:28	
Benzo(a)anthracene	ug/L	<0.53	1.8	08/03/17 12:28	
Benzo(a)pyrene	ug/L	<1.9	6.3	08/03/17 12:28	
Benzo(b)fluoranthene	ug/L	<0.65	2.2	08/03/17 12:28	
Benzo(g,h,i)perylene	ug/L	<0.81	2.7	08/03/17 12:28	
Benzo(k)fluoranthene	ug/L	<1.0	3.3	08/03/17 12:28	
bis(2-Chloroethoxy)methane	ug/L	<1.0	3.3	08/03/17 12:28	
bis(2-Chloroethyl) ether	ug/L	<1.6	5.3	08/03/17 12:28	
bis(2-Ethylhexyl)phthalate	ug/L	<0.69	2.3	08/03/17 12:28	
Butylbenzylphthalate	ug/L	<0.77	2.6	08/03/17 12:28	
Carbazole	ug/L	<0.75	2.5	08/03/17 12:28	

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QUALITY CONTROL DATA

Project: 0403363 KRAFT
Pace Project No.: 40154221

METHOD BLANK: 1550142 Matrix: Water
Associated Lab Samples: 40154221001, 40154221002, 40154221007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chrysene	ug/L	<1.7	5.8	08/03/17 12:28	
Di-n-butylphthalate	ug/L	<2.6	8.5	08/03/17 12:28	
Di-n-octylphthalate	ug/L	<1.9	6.3	08/03/17 12:28	
Dibenz(a,h)anthracene	ug/L	<1.3	4.4	08/03/17 12:28	
Dibenzofuran	ug/L	<0.77	2.6	08/03/17 12:28	
Diethylphthalate	ug/L	<1.1	3.6	08/03/17 12:28	
Dimethylphthalate	ug/L	<1.9	6.4	08/03/17 12:28	
Fluoranthene	ug/L	<0.56	1.9	08/03/17 12:28	
Fluorene	ug/L	<0.75	2.5	08/03/17 12:28	
Hexachloro-1,3-butadiene	ug/L	<2.5	8.2	08/03/17 12:28	
Hexachlorobenzene	ug/L	<1.7	5.6	08/03/17 12:28	
Hexachlorocyclopentadiene	ug/L	<0.68	2.3	08/03/17 12:28	
Hexachloroethane	ug/L	<2.7	8.9	08/03/17 12:28	
Indeno(1,2,3-cd)pyrene	ug/L	<1.5	5.0	08/03/17 12:28	
Isophorone	ug/L	<0.73	2.4	08/03/17 12:28	
N-Nitroso-di-n-propylamine	ug/L	<0.97	3.2	08/03/17 12:28	
N-Nitrosodiphenylamine	ug/L	<3.5	11.8	08/03/17 12:28	
Naphthalene	ug/L	<1.9	6.3	08/03/17 12:28	
Nitrobenzene	ug/L	<1.5	4.8	08/03/17 12:28	
Pentachlorophenol	ug/L	<1.4	4.8	08/03/17 12:28	
Phenanthrene	ug/L	<1.8	6.1	08/03/17 12:28	
Phenol	ug/L	<0.60	2.0	08/03/17 12:28	
Pyrene	ug/L	<1.3	4.5	08/03/17 12:28	
2,4,6-Tribromophenol (S)	%	105	65-140	08/03/17 12:28	
2-Fluorobiphenyl (S)	%	79	59-109	08/03/17 12:28	
2-Fluorophenol (S)	%	55	27-67	08/03/17 12:28	
Nitrobenzene-d5 (S)	%	94	53-100	08/03/17 12:28	
Phenol-d6 (S)	%	35	18-120	08/03/17 12:28	
Terphenyl-d14 (S)	%	103	59-108	08/03/17 12:28	

LABORATORY CONTROL SAMPLE & LCSD: 1550143 1550144

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,2,4-Trichlorobenzene	ug/L	50	46.5	44.3	93	89	66-130	5	20	
1,2-Dichlorobenzene	ug/L	50	41.7	40.4	83	81	50-130	3	20	
1,3-Dichlorobenzene	ug/L	50	39.6	38.7	79	77	42-98	2	21	
1,4-Dichlorobenzene	ug/L	50	40.6	39.3	81	79	44-84	3	20	
2,2'-Oxybis(1-chloropropane)	ug/L	50	50.1	49.2	100	98	58-130	2	20	
2,4,5-Trichlorophenol	ug/L	50	46.4	47.1	93	94	63-127	1	24	
2,4,6-Trichlorophenol	ug/L	50	47.5	47.7	95	95	65-125	1	23	
2,4-Dichlorophenol	ug/L	50	45.5	47.0	91	94	71-104	3	20	
2,4-Dimethylphenol	ug/L	50	39.0	40.3	78	81	40-85	3	29	
2,4-Dinitrophenol	ug/L	50	40.6	40.6	81	81	33-126	0	34	
2,4-Dinitrotoluene	ug/L	50	55.7	53.5	111	107	68-137	4	20	

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QUALITY CONTROL DATA

Project: 0403363 KRAFT
Pace Project No.: 40154221

LABORATORY CONTROL SAMPLE & LCSD: 1550143 1550144

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
2,6-Dinitrotoluene	ug/L	50	55.0	53.9	110	108	71-130	2	20	
2-Chloronaphthalene	ug/L	50	47.7	45.8	95	92	70-120	4	20	
2-Chlorophenol	ug/L	50	41.5	44.8	83	90	60-101	8	20	
2-Methylnaphthalene	ug/L	50	50.6	48.0	101	96	70-130	5	20	
2-Methylphenol(o-Cresol)	ug/L	50	37.4	39.5	75	79	54-103	5	20	
2-Nitroaniline	ug/L	50	52.9	51.2	106	102	70-130	3	20	
2-Nitrophenol	ug/L	50	48.1	48.5	96	97	66-111	1	20	
3&4-Methylphenol(m&p Cresol)	ug/L	50	34.9	35.9	70	72	50-95	3	20	
3,3'-Dichlorobenzidine	ug/L	50	38.2	33.1	76	66	37-97	14	26	
3-Nitroaniline	ug/L	50	47.1	49.7	94	99	70-113	5	20	
4,6-Dinitro-2-methylphenol	ug/L	50	51.3	49.3	103	99	49-136	4	25	
4-Bromophenylphenyl ether	ug/L	50	53.6	52.2	107	104	70-130	3	20	
4-Chloro-3-methylphenol	ug/L	50	47.3	47.9	95	96	69-109	1	20	
4-Chloroaniline	ug/L	50	38.5	48.5	77	97	70-125	23	20	R1
4-Chlorophenylphenyl ether	ug/L	50	52.1	51.7	104	103	70-130	1	20	
4-Nitroaniline	ug/L	50	52.5	50.6	105	101	70-124	4	23	
4-Nitrophenol	ug/L	50	20.3	18.6	41	37	21-130	9	30	
Acenaphthene	ug/L	50	50.5	48.5	101	97	73-118	4	20	
Acenaphthylene	ug/L	50	50.4	48.5	101	97	70-120	4	20	
Anthracene	ug/L	50	56.3	56.5	113	113	70-130	0	20	
Benzo(a)anthracene	ug/L	50	50.3	50.4	101	101	70-130	0	20	
Benzo(a)pyrene	ug/L	50	51.2	50.7	102	101	73-106	1	20	
Benzo(b)fluoranthene	ug/L	50	51.0	51.5	102	103	68-130	1	20	
Benzo(g,h,i)perylene	ug/L	50	51.9	52.7	104	105	60-121	2	20	
Benzo(k)fluoranthene	ug/L	50	51.9	50.3	104	101	62-124	3	20	
bis(2-Chloroethoxy)methane	ug/L	50	52.4	51.0	105	102	70-130	3	20	
bis(2-Chloroethyl) ether	ug/L	50	50.1	49.0	100	98	65-130	2	20	
bis(2-Ethylhexyl)phthalate	ug/L	50	56.1	55.5	112	111	66-123	1	20	
Butylbenzylphthalate	ug/L	50	57.3	56.5	115	113	63-123	1	20	
Carbazole	ug/L	50	59.6	58.3	119	117	70-130	2	20	
Chrysene	ug/L	50	41.5	40.8	83	82	50-127	2	20	
Di-n-butylphthalate	ug/L	50	60.0	58.3	120	117	70-130	3	20	
Di-n-octylphthalate	ug/L	50	52.9	52.2	106	104	53-121	1	23	
Dibenz(a,h)anthracene	ug/L	50	34.2	35.3	68	71	10-130	3	25	
Dibenzofuran	ug/L	50	48.8	47.5	98	95	70-124	3	20	
Diethylphthalate	ug/L	50	56.9	55.6	114	111	70-130	2	20	
Dimethylphthalate	ug/L	50	55.9	55.6	112	111	70-130	1	20	
Fluoranthene	ug/L	50	55.5	53.2	111	106	75-118	4	21	
Fluorene	ug/L	50	53.2	51.1	106	102	70-130	4	20	
Hexachloro-1,3-butadiene	ug/L	50	48.1	46.8	96	94	57-100	3	20	
Hexachlorobenzene	ug/L	50	54.4	52.5	109	105	70-130	4	20	
Hexachlorocyclopentadiene	ug/L	50	23.6	19.3	47	39	19-75	20	29	
Hexachloroethane	ug/L	50	39.8	38.0	80	76	41-130	5	24	
Indeno(1,2,3-cd)pyrene	ug/L	50	50.5	51.2	101	102	43-122	1	26	
Isophorone	ug/L	50	50.2	49.6	100	99	70-130	1	20	
N-Nitroso-di-n-propylamine	ug/L	50	50.0	47.8	100	96	70-130	4	20	
N-Nitrosodiphenylamine	ug/L	50	55.6	53.9	111	108	83-129	3	20	

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1241 Bellevue Street - Suite 9
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(920)469-2436

QUALITY CONTROL DATA

Project: 0403363 KRAFT
Pace Project No.: 40154221

LABORATORY CONTROL SAMPLE & LCSD: 1550143 1550144

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Naphthalene	ug/L	50	49.1	46.7	98	93	68-130	5	20	
Nitrobenzene	ug/L	50	47.8	47.0	96	94	70-130	2	20	
Pentachlorophenol	ug/L	50	51.9	52.2	104	104	57-121	1	26	
Phenanthrene	ug/L	50	53.5	51.8	107	104	70-124	3	20	
Phenol	ug/L	50	19.4	19.3	39	39	25-120	1	20	
Pyrene	ug/L	50	52.1	51.6	104	103	70-130	1	21	
2,4,6-Tribromophenol (S)	%				114	112	65-140			
2-Fluorobiphenyl (S)	%				88	90	59-109			
2-Fluorophenol (S)	%				56	60	27-67			
Nitrobenzene-d5 (S)	%				99	97	53-100			
Phenol-d6 (S)	%				38	37	18-120			
Terphenyl-d14 (S)	%				105	105	59-108			

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QUALITY CONTROL DATA

Project: 0403363 KRAFT
Pace Project No.: 40154221

QC Batch: 263696
QC Batch Method: EPA 3510
Analysis Method: EPA 8270
Analysis Description: 8270 Water MSSV
Associated Lab Samples: 40154221008

METHOD BLANK: 1552186
Matrix: Water
Associated Lab Samples: 40154221008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trichlorobenzene	ug/L	<2.0	6.8	08/07/17 14:31	
1,2-Dichlorobenzene	ug/L	<1.9	6.4	08/07/17 14:31	
1,3-Dichlorobenzene	ug/L	<1.9	6.3	08/07/17 14:31	
1,4-Dichlorobenzene	ug/L	<1.9	6.3	08/07/17 14:31	
2,2'-Oxybis(1-chloropropane)	ug/L	<1.5	5.1	08/07/17 14:31	
2,4,5-Trichlorophenol	ug/L	<0.84	2.8	08/07/17 14:31	
2,4,6-Trichlorophenol	ug/L	<2.1	7.0	08/07/17 14:31	
2,4-Dichlorophenol	ug/L	<1.4	4.6	08/07/17 14:31	
2,4-Dimethylphenol	ug/L	<1.3	4.2	08/07/17 14:31	
2,4-Dinitrophenol	ug/L	<0.71	2.4	08/07/17 14:31	
2,4-Dinitrotoluene	ug/L	<0.79	2.6	08/07/17 14:31	
2,6-Dinitrotoluene	ug/L	<0.60	2.0	08/07/17 14:31	
2-Chloronaphthalene	ug/L	<1.6	5.5	08/07/17 14:31	
2-Chlorophenol	ug/L	<1.2	3.9	08/07/17 14:31	
2-Methylnaphthalene	ug/L	<1.5	5.0	08/07/17 14:31	
2-Methylphenol(o-Cresol)	ug/L	<0.87	2.9	08/07/17 14:31	
2-Nitroaniline	ug/L	<0.77	2.6	08/07/17 14:31	
2-Nitrophenol	ug/L	<1.2	3.9	08/07/17 14:31	
3&4-Methylphenol(m&p Cresol)	ug/L	<1.6	5.2	08/07/17 14:31	
3,3'-Dichlorobenzidine	ug/L	<0.91	3.0	08/07/17 14:31	
3-Nitroaniline	ug/L	<0.97	3.2	08/07/17 14:31	
4,6-Dinitro-2-methylphenol	ug/L	<0.65	2.2	08/07/17 14:31	
4-Bromophenylphenyl ether	ug/L	<2.0	6.6	08/07/17 14:31	
4-Chloro-3-methylphenol	ug/L	<1.7	5.6	08/07/17 14:31	
4-Chloroaniline	ug/L	<1.1	3.7	08/07/17 14:31	
4-Chlorophenylphenyl ether	ug/L	<0.82	2.7	08/07/17 14:31	
4-Nitroaniline	ug/L	<1.8	6.1	08/07/17 14:31	
4-Nitrophenol	ug/L	<1.0	3.5	08/07/17 14:31	
Acenaphthene	ug/L	<1.3	4.5	08/07/17 14:31	
Acenaphthylene	ug/L	<1.1	3.5	08/07/17 14:31	
Anthracene	ug/L	<1.8	6.0	08/07/17 14:31	
Benzo(a)anthracene	ug/L	<0.53	1.8	08/07/17 14:31	
Benzo(a)pyrene	ug/L	<1.9	6.3	08/07/17 14:31	
Benzo(b)fluoranthene	ug/L	<0.65	2.2	08/07/17 14:31	
Benzo(g,h,i)perylene	ug/L	<0.81	2.7	08/07/17 14:31	
Benzo(k)fluoranthene	ug/L	<1.0	3.3	08/07/17 14:31	
bis(2-Chloroethoxy)methane	ug/L	<1.0	3.3	08/07/17 14:31	
bis(2-Chloroethyl) ether	ug/L	<1.6	5.3	08/07/17 14:31	
bis(2-Ethylhexyl)phthalate	ug/L	<0.69	2.3	08/07/17 14:31	
Butylbenzylphthalate	ug/L	<0.77	2.6	08/07/17 14:31	
Carbazole	ug/L	<0.75	2.5	08/07/17 14:31	

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QUALITY CONTROL DATA

Project: 0403363 KRAFT
Pace Project No.: 40154221

METHOD BLANK: 1552186 Matrix: Water
Associated Lab Samples: 40154221008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chrysene	ug/L	<1.7	5.8	08/07/17 14:31	
Di-n-butylphthalate	ug/L	<2.6	8.5	08/07/17 14:31	
Di-n-octylphthalate	ug/L	<1.9	6.3	08/07/17 14:31	
Dibenz(a,h)anthracene	ug/L	<1.3	4.4	08/07/17 14:31	
Dibenzofuran	ug/L	<0.77	2.6	08/07/17 14:31	
Diethylphthalate	ug/L	<1.1	3.6	08/07/17 14:31	
Dimethylphthalate	ug/L	<1.9	6.4	08/07/17 14:31	
Fluoranthene	ug/L	<0.56	1.9	08/07/17 14:31	
Fluorene	ug/L	<0.75	2.5	08/07/17 14:31	
Hexachloro-1,3-butadiene	ug/L	<2.5	8.2	08/07/17 14:31	
Hexachlorobenzene	ug/L	<1.7	5.6	08/07/17 14:31	
Hexachlorocyclopentadiene	ug/L	<0.68	2.3	08/07/17 14:31	
Hexachloroethane	ug/L	<2.7	8.9	08/07/17 14:31	
Indeno(1,2,3-cd)pyrene	ug/L	<1.5	5.0	08/07/17 14:31	
Isophorone	ug/L	<0.73	2.4	08/07/17 14:31	
N-Nitroso-di-n-propylamine	ug/L	<0.97	3.2	08/07/17 14:31	
N-Nitrosodiphenylamine	ug/L	<3.5	11.8	08/07/17 14:31	
Naphthalene	ug/L	<1.9	6.3	08/07/17 14:31	
Nitrobenzene	ug/L	<1.5	4.8	08/07/17 14:31	
Pentachlorophenol	ug/L	<1.4	4.8	08/07/17 14:31	
Phenanthrene	ug/L	<1.8	6.1	08/07/17 14:31	
Phenol	ug/L	<0.60	2.0	08/07/17 14:31	
Pyrene	ug/L	<1.3	4.5	08/07/17 14:31	
2,4,6-Tribromophenol (S)	%	98	65-140	08/07/17 14:31	
2-Fluorobiphenyl (S)	%	85	59-109	08/07/17 14:31	
2-Fluorophenol (S)	%	57	27-67	08/07/17 14:31	
Nitrobenzene-d5 (S)	%	95	53-100	08/07/17 14:31	
Phenol-d6 (S)	%	38	18-120	08/07/17 14:31	
Terphenyl-d14 (S)	%	98	59-108	08/07/17 14:31	

LABORATORY CONTROL SAMPLE & LCSD: 1552187 1552188

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,2,4-Trichlorobenzene	ug/L	50	43.4	40.2	87	80	66-130	8	20	
1,2-Dichlorobenzene	ug/L	50	37.8	33.8	76	68	50-130	11	20	
1,3-Dichlorobenzene	ug/L	50	35.4	32.5	71	65	42-98	9	21	
1,4-Dichlorobenzene	ug/L	50	36.4	33.2	73	66	44-84	9	20	
2,2'-Oxybis(1-chloropropane)	ug/L	50	47.1	43.1	94	86	58-130	9	20	
2,4,5-Trichlorophenol	ug/L	50	46.0	45.4	92	91	63-127	1	24	
2,4,6-Trichlorophenol	ug/L	50	47.3	46.2	95	92	65-125	2	23	
2,4-Dichlorophenol	ug/L	50	45.1	45.7	90	91	71-104	1	20	
2,4-Dimethylphenol	ug/L	50	33.9	36.7	68	73	40-85	8	29	
2,4-Dinitrophenol	ug/L	50	40.4	38.6	81	77	33-126	5	34	
2,4-Dinitrotoluene	ug/L	50	51.4	48.2	103	96	68-137	6	20	

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QUALITY CONTROL DATA

Project: 0403363 KRAFT
Pace Project No.: 40154221

LABORATORY CONTROL SAMPLE & LCSD: 1552187 1552188

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
2,6-Dinitrotoluene	ug/L	50	52.8	49.6	106	99	71-130	6	20	
2-Chloronaphthalene	ug/L	50	46.7	44.5	93	89	70-120	5	20	
2-Chlorophenol	ug/L	50	41.5	43.2	83	86	60-101	4	20	
2-Methylnaphthalene	ug/L	50	47.2	44.9	94	90	70-130	5	20	
2-Methylphenol(o-Cresol)	ug/L	50	37.1	39.0	74	78	54-103	5	20	
2-Nitroaniline	ug/L	50	51.3	46.7	103	93	70-130	9	20	
2-Nitrophenol	ug/L	50	46.9	47.0	94	94	66-111	0	20	
3&4-Methylphenol(m&p Cresol)	ug/L	50	33.1	34.2	66	68	50-95	3	20	
3,3'-Dichlorobenzidine	ug/L	50	35.1	33.4	70	67	37-97	5	26	
3-Nitroaniline	ug/L	50	49.0	45.8	98	92	70-113	7	20	
4,6-Dinitro-2-methylphenol	ug/L	50	48.8	48.2	98	96	49-136	1	25	
4-Bromophenylphenyl ether	ug/L	50	51.9	51.1	104	102	70-130	2	20	
4-Chloro-3-methylphenol	ug/L	50	45.4	45.9	91	92	69-109	1	20	
4-Chloroaniline	ug/L	50	46.7	45.1	93	90	70-125	3	20	
4-Chlorophenylphenyl ether	ug/L	50	48.5	46.3	97	93	70-130	5	20	
4-Nitroaniline	ug/L	50	49.2	44.8	98	90	70-124	9	23	
4-Nitrophenol	ug/L	50	21.4	17.6	43	35	21-130	20	30	
Acenaphthene	ug/L	50	48.4	45.7	97	91	73-118	6	20	
Acenaphthylene	ug/L	50	48.1	45.3	96	91	70-120	6	20	
Anthracene	ug/L	50	53.7	53.1	107	106	70-130	1	20	
Benzo(a)anthracene	ug/L	50	48.6	46.2	97	92	70-130	5	20	
Benzo(a)pyrene	ug/L	50	49.2	45.2	98	90	73-106	8	20	
Benzo(b)fluoranthene	ug/L	50	49.5	45.7	99	91	68-130	8	20	
Benzo(g,h,i)perylene	ug/L	50	51.9	48.0	104	96	60-121	8	20	
Benzo(k)fluoranthene	ug/L	50	48.5	46.4	97	93	62-124	4	20	
bis(2-Chloroethoxy)methane	ug/L	50	50.8	48.2	102	96	70-130	5	20	
bis(2-Chloroethyl) ether	ug/L	50	47.4	43.9	95	88	65-130	8	20	
bis(2-Ethylhexyl)phthalate	ug/L	50	55.3	50.7	111	101	66-123	9	20	
Butylbenzylphthalate	ug/L	50	57.1	52.9	114	106	63-123	8	20	
Carbazole	ug/L	50	56.2	53.4	112	107	70-130	5	20	
Chrysene	ug/L	50	39.3	37.8	79	76	50-127	4	20	
Di-n-butylphthalate	ug/L	50	58.7	55.2	117	110	70-130	6	20	
Di-n-octylphthalate	ug/L	50	52.9	47.9	106	96	53-121	10	23	
Dibenz(a,h)anthracene	ug/L	50	33.9	30.4	68	61	10-130	11	25	
Dibenzofuran	ug/L	50	46.3	44.8	93	90	70-124	3	20	
Diethylphthalate	ug/L	50	54.1	51.5	108	103	70-130	5	20	
Dimethylphthalate	ug/L	50	53.4	52.6	107	105	70-130	2	20	
Fluoranthene	ug/L	50	52.7	49.8	105	100	75-118	6	21	
Fluorene	ug/L	50	49.6	47.3	99	95	70-130	5	20	
Hexachloro-1,3-butadiene	ug/L	50	43.6	41.1	87	82	57-100	6	20	
Hexachlorobenzene	ug/L	50	51.6	49.9	103	100	70-130	3	20	
Hexachlorocyclopentadiene	ug/L	50	22.4	19.6	45	39	19-75	13	29	
Hexachloroethane	ug/L	50	34.6	31.1	69	62	41-130	10	24	
Indeno(1,2,3-cd)pyrene	ug/L	50	51.8	46.9	104	94	43-122	10	26	
Isophorone	ug/L	50	48.6	45.6	97	91	70-130	6	20	
N-Nitroso-di-n-propylamine	ug/L	50	46.0	42.2	92	84	70-130	9	20	
N-Nitrosodiphenylamine	ug/L	50	53.2	54.2	106	108	83-129	2	20	

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QUALITY CONTROL DATA

Project: 0403363 KRAFT
Pace Project No.: 40154221

LABORATORY CONTROL SAMPLE & LCSD: 1552187 1552188

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Naphthalene	ug/L	50	46.2	43.7	92	87	68-130	6	20	
Nitrobenzene	ug/L	50	46.9	43.9	94	88	70-130	7	20	
Pentachlorophenol	ug/L	50	49.3	46.4	99	93	57-121	6	26	
Phenanthrene	ug/L	50	50.6	49.3	101	99	70-124	3	20	
Phenol	ug/L	50	20.0	18.2	40	36	25-120	9	20	
Pyrene	ug/L	50	52.3	50.4	105	101	70-130	4	21	
2,4,6-Tribromophenol (S)	%				103	98	65-140			
2-Fluorobiphenyl (S)	%				88	80	59-109			
2-Fluorophenol (S)	%				56	57	27-67			
Nitrobenzene-d5 (S)	%				93	86	53-100			
Phenol-d6 (S)	%				38	34	18-120			
Terphenyl-d14 (S)	%				103	101	59-108			

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QUALITY CONTROL DATA

Project: 0403363 KRAFT
Pace Project No.: 40154221

QC Batch: 263450 | Analysis Method: EPA 8270 by HVI
QC Batch Method: EPA 3510 | Analysis Description: 8270 Water PAH by HVI
Associated Lab Samples: 40154221003, 40154221004, 40154221005

METHOD BLANK: 1550326 | Matrix: Water
Associated Lab Samples: 40154221003, 40154221004, 40154221005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1-Methylnaphthalene	ug/L	<0.0059	0.030	08/03/17 16:04	
2-Methylnaphthalene	ug/L	<0.0049	0.024	08/03/17 16:04	
Acenaphthene	ug/L	<0.0061	0.030	08/03/17 16:04	
Acenaphthylene	ug/L	<0.0050	0.025	08/03/17 16:04	
Anthracene	ug/L	<0.010	0.052	08/03/17 16:04	
Benzo(a)anthracene	ug/L	<0.0076	0.038	08/03/17 16:04	
Benzo(a)pyrene	ug/L	<0.011	0.053	08/03/17 16:04	
Benzo(b)fluoranthene	ug/L	<0.0057	0.029	08/03/17 16:04	
Benzo(g,h,i)perylene	ug/L	<0.0068	0.034	08/03/17 16:04	
Benzo(k)fluoranthene	ug/L	<0.0076	0.038	08/03/17 16:04	
Chrysene	ug/L	<0.013	0.065	08/03/17 16:04	
Dibenz(a,h)anthracene	ug/L	<0.010	0.050	08/03/17 16:04	
Fluoranthene	ug/L	<0.011	0.053	08/03/17 16:04	
Fluorene	ug/L	<0.0080	0.040	08/03/17 16:04	
Indeno(1,2,3-cd)pyrene	ug/L	<0.018	0.088	08/03/17 16:04	
Naphthalene	ug/L	<0.018	0.092	08/03/17 16:04	
Phenanthrene	ug/L	<0.014	0.069	08/03/17 16:04	
Pyrene	ug/L	0.0089J	0.038	08/03/17 16:04	
2-Fluorobiphenyl (S)	%	42	35-84	08/03/17 16:04	
Terphenyl-d14 (S)	%	63	10-129	08/03/17 16:04	

LABORATORY CONTROL SAMPLE: 1550327

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/L	2	1.2	60	39-83	
2-Methylnaphthalene	ug/L	2	1.2	59	38-86	
Acenaphthene	ug/L	2	1.2	60	35-85	
Acenaphthylene	ug/L	2	1.1	57	31-88	
Anthracene	ug/L	2	1.4	69	47-104	
Benzo(a)anthracene	ug/L	2	1.3	67	36-105	
Benzo(a)pyrene	ug/L	2	1.7	86	69-117	
Benzo(b)fluoranthene	ug/L	2	1.5	77	54-107	
Benzo(g,h,i)perylene	ug/L	2	0.70	35	13-86	
Benzo(k)fluoranthene	ug/L	2	1.8	92	63-128	
Chrysene	ug/L	2	2.0	102	69-150	
Dibenz(a,h)anthracene	ug/L	2	0.60	30	10-87	
Fluoranthene	ug/L	2	1.5	75	57-103	
Fluorene	ug/L	2	1.2	62	38-85	
Indeno(1,2,3-cd)pyrene	ug/L	2	1.1	56	40-111	
Naphthalene	ug/L	2	1.2	58	39-82	

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QUALITY CONTROL DATA

Project: 0403363 KRAFT
Pace Project No.: 40154221

LABORATORY CONTROL SAMPLE: 1550327

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Phenanthrene	ug/L	2	1.4	68	46-96	
Pyrene	ug/L	2	1.7	86	57-110	
2-Fluorobiphenyl (S)	%			55	35-84	
Terphenyl-d14 (S)	%			82	10-129	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1550362 1550363

Parameter	Units	40154178001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1-Methylnaphthalene	ug/L	<0.0059	2	2	1.0	1.0	52	52	27-86	0	29	
2-Methylnaphthalene	ug/L	<0.0049	2	2	1.0	1.0	51	51	30-86	1	35	
Acenaphthene	ug/L	<0.000006 1 mg/L	2	2	1.1	1.1	56	55	28-85	2	29	
Acenaphthylene	ug/L	<0.000005 0 mg/L	2	2	1.0	1.0	52	52	27-88	0	29	
Anthracene	ug/L	<0.000010 mg/L	2	2	1.2	1.2	59	61	38-104	2	35	
Benzo(a)anthracene	ug/L	<0.000007 6 mg/L	2	2	1.1	1.2	56	58	10-105	3	28	
Benzo(a)pyrene	ug/L	<0.000011 mg/L	2	2	1.3	1.3	65	64	10-130	2	26	
Benzo(b)fluoranthene	ug/L	<0.000005 7 mg/L	2	2	1.3	1.2	63	60	10-115	4	25	
Benzo(g,h,i)perylene	ug/L	<0.000006 8 mg/L	2	2	0.55	0.55	27	28	10-87	1	42	
Benzo(k)fluoranthene	ug/L	<0.000007 6 mg/L	2	2	1.2	1.4	62	69	10-133	11	25	
Chrysene	ug/L	<0.000013 mg/L	2	2	1.7	1.7	87	86	17-150	1	24	
Dibenz(a,h)anthracene	ug/L	<0.000010 mg/L	2	2	0.54	0.53	27	26	10-89	2	49	
Fluoranthene	ug/L	<0.000011 mg/L	2	2	1.3	1.3	66	63	41-103	4	32	
Fluorene	ug/L	<0.000008 0 mg/L	2	2	1.1	1.1	57	54	32-85	5	28	
Indeno(1,2,3-cd)pyrene	ug/L	<0.000018 mg/L	2	2	0.69	0.71	34	36	10-111	4	37	
Naphthalene	ug/L	<0.000018 mg/L	2	2	1.1	1.1	54	53	23-88	2	28	
Phenanthrene	ug/L	<0.000014 mg/L	2	2	1.2	1.2	61	59	33-96	3	25	
Pyrene	ug/L	0.000010J mg/L	2	2	1.6	1.4	79	72	38-110	9	28	
2-Fluorobiphenyl (S)	%						52	50	35-84			
Terphenyl-d14 (S)	%						74	68	10-129			

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 0403363 KRAFT
Pace Project No.: 40154221

QC Batch: 263553
QC Batch Method: EPA 3510
Analysis Method: EPA 8270 by HVI
Analysis Description: 8270 Water PAH by HVI
Associated Lab Samples: 40154221006, 40154221009

METHOD BLANK: 1551342
Matrix: Water
Associated Lab Samples: 40154221006, 40154221009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1-Methylnaphthalene	ug/L	<0.0059	0.030	08/04/17 13:27	
2-Methylnaphthalene	ug/L	<0.0049	0.024	08/04/17 13:27	
Acenaphthene	ug/L	<0.0061	0.030	08/04/17 13:27	
Acenaphthylene	ug/L	<0.0050	0.025	08/04/17 13:27	
Anthracene	ug/L	<0.010	0.052	08/04/17 13:27	
Benzo(a)anthracene	ug/L	<0.0076	0.038	08/04/17 13:27	
Benzo(a)pyrene	ug/L	<0.011	0.053	08/04/17 13:27	
Benzo(b)fluoranthene	ug/L	<0.0057	0.029	08/04/17 13:27	
Benzo(g,h,i)perylene	ug/L	<0.0068	0.034	08/04/17 13:27	
Benzo(k)fluoranthene	ug/L	<0.0076	0.038	08/04/17 13:27	
Chrysene	ug/L	<0.013	0.065	08/04/17 13:27	
Dibenz(a,h)anthracene	ug/L	<0.010	0.050	08/04/17 13:27	
Fluoranthene	ug/L	<0.011	0.053	08/04/17 13:27	
Fluorene	ug/L	<0.0080	0.040	08/04/17 13:27	
Indeno(1,2,3-cd)pyrene	ug/L	<0.018	0.088	08/04/17 13:27	
Naphthalene	ug/L	<0.018	0.092	08/04/17 13:27	
Phenanthrene	ug/L	<0.014	0.069	08/04/17 13:27	
Pyrene	ug/L	0.010J	0.038	08/04/17 13:27	
2-Fluorobiphenyl (S)	%	31	35-84	08/04/17 13:27	S0
Terphenyl-d14 (S)	%	58	10-129	08/04/17 13:27	

LABORATORY CONTROL SAMPLE & LCSD: 1551343 1551344

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1-Methylnaphthalene	ug/L	2	1.3	1.2	65	58	39-83	11	29	
2-Methylnaphthalene	ug/L	2	1.2	1.2	62	60	38-86	2	32	
Acenaphthene	ug/L	2	1.3	1.3	65	64	35-85	1	27	
Acenaphthylene	ug/L	2	1.3	1.3	66	66	31-88	0	29	
Anthracene	ug/L	2	1.6	1.1	81	57	47-104	36	25	R1
Benzo(a)anthracene	ug/L	2	1.3	1.3	67	67	36-105	0	20	
Benzo(a)pyrene	ug/L	2	1.8	1.7	89	86	69-117	4	20	
Benzo(b)fluoranthene	ug/L	2	1.6	1.6	79	81	54-107	3	22	
Benzo(g,h,i)perylene	ug/L	2	0.71	0.74	35	37	13-86	5	33	
Benzo(k)fluoranthene	ug/L	2	1.9	1.8	93	91	63-128	2	20	
Chrysene	ug/L	2	2.0	2.1	101	103	69-150	2	20	
Dibenz(a,h)anthracene	ug/L	2	0.59	0.66	30	33	10-87	10	37	
Fluoranthene	ug/L	2	1.6	1.5	79	73	57-103	7	20	
Fluorene	ug/L	2	1.2	1.2	62	61	38-85	3	28	
Indeno(1,2,3-cd)pyrene	ug/L	2	1.2	1.2	61	59	40-111	4	22	
Naphthalene	ug/L	2	1.3	1.3	63	63	39-82	0	28	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 0403363 KRAFT
Pace Project No.: 40154221

LABORATORY CONTROL SAMPLE & LCSD: 1551343 1551344

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Phenanthrene	ug/L	2	1.4	1.3	68	65	46-96	5	25	
Pyrene	ug/L	2	1.6	1.6	80	82	57-110	2	20	
2-Fluorobiphenyl (S)	%				60	60	35-84			
Terphenyl-d14 (S)	%				79	80	10-129			

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QUALITY CONTROL DATA

Project: 0403363 KRAFT
Pace Project No.: 40154221

QC Batch: 263348 | Analysis Method: ASTM D2974-87
QC Batch Method: ASTM D2974-87 | Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 40154221015, 40154221016, 40154221017, 40154221018, 40154221019, 40154221020

SAMPLE DUPLICATE: 1549641

Parameter	Units	40154146003 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	7.5	7.5	1	10	

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QUALITY CONTROL DATA

Project: 0403363 KRAFT
Pace Project No.: 40154221

QC Batch: 263800 | Analysis Method: ASTM D2974-87
QC Batch Method: ASTM D2974-87 | Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 40154221010, 40154221011, 40154221012, 40154221013

SAMPLE DUPLICATE: 1552545

Parameter	Units	40154560001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	18.3	18.0	2	10	

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QUALITY CONTROL DATA

Project: 0403363 KRAFT
Pace Project No.: 40154221

QC Batch: 263837
QC Batch Method: ASTM D2974-87
Associated Lab Samples: 40154221014

Analysis Method: ASTM D2974-87
Analysis Description: Dry Weight/Percent Moisture

SAMPLE DUPLICATE: 1552704

Parameter	Units	40154252003 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	15.0	15.5	3	10	

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QUALIFIERS

Project: 0403363 KRAFT
Pace Project No.: 40154221

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above LOD.

J - Estimated concentration at or above the LOD and below the LOQ.

LOD - Limit of Detection adjusted for dilution factor and percent moisture.

LOQ - Limit of Quantitation adjusted for dilution factor and percent moisture.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected at or above the adjusted LOD.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

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TNI - The NELAC Institute.

LABORATORIES

PASI-G	Pace Analytical Services - Green Bay

BATCH QUALIFIERS

Batch: 263499

[M5]	A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

Batch: 263639

[M5]	A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.
[1]	The 2-fluorobiphenyl surrogate recovery was below limits in the MB [Method Blank]. The samples could not be re-extracted within hold times.

Batch: 263780

[M5]	A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

Batch: 263918

[IP]	Benzo(b)fluoranthene and benzo(k)fluoranthene were in the check standard but did not meet the resolution criteria in SW846 Method 8270C. Whereas sample results included are reported as individual isomers, the lab and the customer must recognize them as an isomeric pair.

ANALYTE QUALIFIERS

B	Analyte was detected in the associated method blank.
E	Analyte concentration exceeded the calibration range. The reported result is estimated.
HS	Results are from sample aliquot taken from VOA vial with headspace (air bubble greater than 6 mm diameter).
M0	Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
M6	Matrix spike and Matrix spike duplicate recovery not evaluated against control limits due to sample dilution.

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QUALIFIERS

Project: 0403363 KRAFT
Pace Project No.: 40154221

ANALYTE QUALIFIERS

R1	RPD value was outside control limits.
S0	Surrogate recovery outside laboratory control limits.
S4	Surrogate recovery not evaluated against control limits due to sample dilution.
W	Non-detect results are reported on a wet weight basis.
pH	Post-analysis pH measurement indicates insufficient VOA sample preservation.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 0403363 KRAFT
Pace Project No.: 40154221

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40154221010	**SB-14 3-4**	EPA 3541	263757	EPA 8082	263760
40154221011	**SB-15 5-7**	EPA 3541	263757	EPA 8082	263760
40154221014	**SB-19 1.5-2**	EPA 3541	263757	EPA 8082	263760
40154221016	**SB-23 2-2.5**	EPA 3541	263757	EPA 8082	263760
40154221020	**SB-20 3-4**	EPA 3541	263757	EPA 8082	263760
40154221010	**SB-14 3-4**	EPA 3050	263344	EPA 6010	263519
40154221011	**SB-15 5-7**	EPA 3050	263344	EPA 6010	263519
40154221012	**SB-13 1.5-2**	EPA 3050	263344	EPA 6010	263519
40154221013	**SB-18 4-5**	EPA 3050	263344	EPA 6010	263519
40154221014	**SB-19 1.5-2**	EPA 3050	263344	EPA 6010	263519
40154221015	**SB-11 4-5**	EPA 3050	263344	EPA 6010	263519
40154221016	**SB-23 2-2.5**	EPA 3050	263344	EPA 6010	263519
40154221017	**SB-22 4-5**	EPA 3050	263344	EPA 6010	263519
40154221018	**SB-3 8-10**	EPA 3050	263344	EPA 6010	263519
40154221019	**SB-1 1-1.5**	EPA 3050	263344	EPA 6010	263519
40154221020	**SB-20 3-4**	EPA 3050	263344	EPA 6010	263519
40154221001	**SB-14-S**	EPA 3010	263496	EPA 6010	263578
40154221002	**SB-15-S**	EPA 3010	263496	EPA 6010	263578
40154221003	**SB-13-S**	EPA 3010	263496	EPA 6010	263578
40154221004	**SB-18-S**	EPA 3010	263496	EPA 6010	263578
40154221005	**SB-10-S**	EPA 3010	263496	EPA 6010	263578
40154221006	**SB-11-S**	EPA 3010	263496	EPA 6010	263578
40154221007	**SB-19-S**	EPA 3010	263496	EPA 6010	263578
40154221008	**SB-23-S**	EPA 3010	263496	EPA 6010	263578
40154221009	**SB-22-S**	EPA 3010	263496	EPA 6010	263578
40154221001	**SB-14-S**	EPA 7470	263725	EPA 7470	263775
40154221002	**SB-15-S**	EPA 7470	263725	EPA 7470	263775
40154221007	**SB-19-S**	EPA 7470	263725	EPA 7470	263775
40154221008	**SB-23-S**	EPA 7470	263725	EPA 7470	263775
40154221010	**SB-14 3-4**	EPA 7471	264416	EPA 7471	264455
40154221011	**SB-15 5-7**	EPA 7471	264416	EPA 7471	264455
40154221014	**SB-19 1.5-2**	EPA 7471	264416	EPA 7471	264455
40154221016	**SB-23 2-2.5**	EPA 7471	264416	EPA 7471	264455
40154221020	**SB-20 3-4**	EPA 7471	264416	EPA 7471	264455
40154221012	**SB-13 1.5-2**	EPA 3546	263824	EPA 8270 by SIM	263918
40154221013	**SB-18 4-5**	EPA 3546	263824	EPA 8270 by SIM	263918
40154221015	**SB-11 4-5**	EPA 3546	263824	EPA 8270 by SIM	263918
40154221017	**SB-22 4-5**	EPA 3546	264121	EPA 8270 by SIM	264181
40154221018	**SB-3 8-10**	EPA 3546	264121	EPA 8270 by SIM	264181
40154221019	**SB-1 1-1.5**	EPA 3546	264121	EPA 8270 by SIM	264181
40154221010	**SB-14 3-4**	EPA 3546	263410	EPA 8270	263457
40154221011	**SB-15 5-7**	EPA 3546	263410	EPA 8270	263457
40154221014	**SB-19 1.5-2**	EPA 3546	263410	EPA 8270	263457
40154221016	**SB-23 2-2.5**	EPA 3546	263410	EPA 8270	263457
40154221020	**SB-20 3-4**	EPA 3546	263410	EPA 8270	263457

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 0403363 KRAFT
Pace Project No.: 40154221

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40154221001	**SB-14-S**	EPA 3510	263409	EPA 8270	263499
40154221002	**SB-15-S**	EPA 3510	263409	EPA 8270	263499
40154221007	**SB-19-S**	EPA 3510	263409	EPA 8270	263499
40154221008	**SB-23-S**	EPA 3510	263696	EPA 8270	263780
40154221003	**SB-13-S**	EPA 3510	263450	EPA 8270 by HVI	263511
40154221004	**SB-18-S**	EPA 3510	263450	EPA 8270 by HVI	263511
40154221005	**SB-10-S**	EPA 3510	263450	EPA 8270 by HVI	263511
40154221006	**SB-11-S**	EPA 3510	263553	EPA 8270 by HVI	263639
40154221009	**SB-22-S**	EPA 3510	263553	EPA 8270 by HVI	263639
40154221010	**SB-14 3-4**	EPA 5035/5030B	263623	EPA 8260	263626
40154221011	**SB-15 5-7**	EPA 5035/5030B	263456	EPA 8260	263460
40154221012	**SB-13 1.5-2**	EPA 5035/5030B	263456	EPA 8260	263460
40154221013	**SB-18 4-5**	EPA 5035/5030B	263456	EPA 8260	263460
40154221014	**SB-19 1.5-2**	EPA 5035/5030B	263456	EPA 8260	263460
40154221015	**SB-11 4-5**	EPA 5035/5030B	263456	EPA 8260	263460
40154221016	**SB-23 2-2.5**	EPA 5035/5030B	263456	EPA 8260	263460
40154221017	**SB-22 4-5**	EPA 5035/5030B	263623	EPA 8260	263626
40154221018	**SB-3 8-10**	EPA 5035/5030B	263623	EPA 8260	263626
40154221019	**SB-1 1-1.5**	EPA 5035/5030B	263623	EPA 8260	263626
40154221020	**SB-20 3-4**	EPA 5035/5030B	263623	EPA 8260	263626
40154221001	**SB-14-S**	EPA 8260	263312		
40154221002	**SB-15-S**	EPA 8260	263312		
40154221003	**SB-13-S**	EPA 8260	263312		
40154221004	**SB-18-S**	EPA 8260	263312		
40154221005	**SB-10-S**	EPA 8260	263312		
40154221006	**SB-11-S**	EPA 8260	263419		
40154221007	**SB-19-S**	EPA 8260	263419		
40154221008	**SB-23-S**	EPA 8260	263419		
40154221009	**SB-22-S**	EPA 8260	263419		
40154221021	**TRIP BLANK**	EPA 8260	263419		
40154221010	**SB-14 3-4**	ASTM D2974-87	263800		
40154221011	**SB-15 5-7**	ASTM D2974-87	263800		
40154221012	**SB-13 1.5-2**	ASTM D2974-87	263800		
40154221013	**SB-18 4-5**	ASTM D2974-87	263800		
40154221014	**SB-19 1.5-2**	ASTM D2974-87	263837		
40154221015	**SB-11 4-5**	ASTM D2974-87	263348		
40154221016	**SB-23 2-2.5**	ASTM D2974-87	263348		
40154221017	**SB-22 4-5**	ASTM D2974-87	263348		
40154221018	**SB-3 8-10**	ASTM D2974-87	263348		
40154221019	**SB-1 1-1.5**	ASTM D2974-87	263348		
40154221020	**SB-20 3-4**	ASTM D2974-87	263348		

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UPPER MIDWEST REGION
MN: 612-607-1700 **WI:** 920-469-2436

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4015422 1

CHAIN OF CUSTODY

(Please Print Clearly)	
Company Name:	ERM
Branch/Location:	Holland, MI
Project Contact:	Andrew Dewitt
Phone:	616-443-8634
Project Number:	0403363
Project Name:	Kraft
Project State:	WI
Sampled By (Print):	Andrew Dewitt Phil Kettler
Sampled By (Sign):	
PO #:	Regulatory Program:

***Preservation Codes**
A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH
H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

Quote #:	
Mail To Contact:	
Mail To Company:	
Mail To Address:	
Invoice To Contact:	Andrew Dewitt
Invoice To Company:	
Invoice To Address:	Andrew.Dewitt@erm.com
Invoice To Phone:	

Data Package Options (billable)
- ☐ EPA Level III
- ☐ EPA Level IV

MS/MSD
- ☐ On your sample (billable)
- ☐ NOT needed on your sample

Matrix Codes
A = Air, B = Biota, C = Charcoal, O = Oil, S = Soil, Sl = Sludge, W = Water, DW = Drinking Water, GW = Ground Water, SW = Surface Water, WW = Waste Water, WP = Wipe

FILTERED? (YES/NO)	Y/N								
PRESERVATION (CODE)*	Pick Letter	A	D	B	A	D			
Analyses Requested		SVOCs	metals	VOCs	PAH	Lead	PCBs		

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	SVOCs	metals	VOCs	PAH	Lead	PCBs			CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
001	SB-14-S	7/28/17	14:10	GW	X	X	X						2-1Lag A	1-250mlp D	3-40mlV B
002	SB-15-S	7/28/17	14:45	GW	X	X	X								
003	SB-13-S	7/28/17	15:20	GW			X	X	X				2-100mlag A		
004	SB-18-S	7/28/17	16:20	GW			X	X	X						
005	SB-10-S	7/28/17	17:10	GW			X	X	X						
006	SB-11-S	7/31/17	9:15	GW			X	X	X						
007	SB-19-S	7/31/17	10:00	GW	X	X	X					2-1Lag A			
008	SB-23-S	7/31/17	10:40	GW	X	X	X								
009	SB-22-S	7/31/17	12:05	GW			X	X	X				2-100mlag A		
010	SB-14 3-4	7/28/17	14:05	S	X	X	X			X	1-4ozp A			2-4ozag A	1-40mlV F
011	SB-15 5-7	7/28/17	14:25	S	X	X	X			X					
012	SB-13 1.5-2	7/28/17	14:50	S			X	X	X					1-4ozag A	
013	SB-18 4-5	7/28/17	16:20	S			X	X	X						

Rush Turnaround Time Requested - Prelims
(Rush TAT subject to approval/surcharge)
Date Needed:

Transmit Prelim Rush Results by (complete what you want):

Email #1:	
Email #2:	
Telephone:	
Fax:	

Samples on HOLD are subject to special pricing and release of liability

Relinquished By:	Date/Time:	Received By:	Date/Time:
[signature]	7/31/17 2:00		
[signature]	8-1-17 0855	[signature] Pace	8-1-17 0855

PACE Project No. 4015422 1

Receipt Temp = RO I °C

Sample Receipt pH OK / Adjusted

Cooler Custody Seal Present / Not Present
Intact / Not Intact

Version 6.0, 06/14/06

C019a(27Jun2006)

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CHAIN OF CUSTODY

*Preservation Codes
A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH
H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

(Please Print Clearly)

Company Name:	
Branch/Location:	
Project Contact:	
Phone:	
Project Number:	
Project Name:	
Project State:	
Sampled By (Print):	
Sampled By (Sign):	
PO #:	Regulatory Program:

Quote #:	
Mail To Contact:	
Mail To Company:	
Mail To Address:	
Invoice To Contact:	
Invoice To Company:	
Invoice To Address:	
Invoice To Phone:	

Data Package Options (billable)
- ☐ EPA Level III
- ☐ EPA Level IV

MS/MSD
- ☐ On your sample (billable)
- ☐ NOT needed on your sample

Matrix Codes
A = Air, B = Biota, C = Charcoal, O = Oil, S = Soil, SI = Sludge, W = Water, DW = Drinking Water, GW = Ground Water, SW = Surface Water, WW = Waste Water, WP = Wipe

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	Analyses Requested	VOCs	SVOCs	metals/moisture	PCB's	Lead	PAH			CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
					FILTERED? (YES/NO) Y/N											
					PRESERVATION (CODE)* Pick Letter											
	~~SB-19 1.5-2~~	~~7/31/17~~	~~9:30~~	~~S~~		~~X~~	~~X~~	~~X~~	~~X~~	8/1/17	~~1-4oz A~~			~~2-4oz~~		
014	SB-19 1.5-2	7/31/17	9:30	S		X	X	X	X			1-4oz A		2-4oz A	1-40ml F	
015	SB-11 4-5	7/31/17	8:55	S		X				X	X			1-4oz A		
016	SB-23 2-2.5	7/31/17	12:00	S		X	X	X	X					2-4oz A		
017	SB-22 4-5	7/31/17	11:45	S		X				X	X			1-4oz A		
018	SB-3 8-10'	7/31/17	11:50	S		X				X	X				2-40ml F	
019	SB-1 1-1.5'	"	12:50	S		X				X	X					
020	SB-20 3-4'	"	12:15	S		X	X	X	X					2-4oz A	1-40ml F	
021	Trip Blank ①														1-40ml V	

Rush Turnaround Time Requested - Prelims
(Rush TAT subject to approval/surcharge)
Date Needed:

Transmit Prelim Rush Results by (complete what you want):

Email #1:	
Email #2:	
Telephone:	
Fax:	

Samples on HOLD are subject to special pricing and release of liability

Relinquished By:	Date/Time:	Received By:	Date/Time:
C Slagotes	8/1/7 0855	Susan Kelly Paul	8/1/7 0855

PACE Project No. 4015422

Receipt Temp = ROT °C

Sample Receipt pH OK / Adjusted

Cooler Custody Seal Present / Not Present Intact / Not Intact

C019a(27Jun2006) ① In shipment Lab added to COC 8/1/7 SW

Version 6.0 06/14/06

ORIGINAL

Pace Analytical

Sample Condition Upon Receipt

Pace Analytical Services, LLC. - Green Bay WI
1241 Bellevue Street, Suite 9
Green Bay, WI 54302

Project #: **WO# : 40154221**

40154221

Client Name: ERM

Courier: ☐ Fed Ex ☐ UPS ☐ Client ☐ Pace Other: CS Logistics

Tracking #: 1673073817

Custody Seal on Cooler/Box Present: ☒ yes ☐ no Seals intact: ☑ yes ☐ no

Custody Seal on Samples Present: ☐ yes ☒ no Seals intact: ☐ yes ☐ no

Packing Material: ☒ Bubble Wrap ☒ Bubble Bags ☐ None ☐ Other

Thermometer Used N/A **Type of Ice:** (Wet) Blue Dry None ☑ Samples on ice, cooling process has begun

Cooler Temperature Uncorr: ROI /Corr: **Biological Tissue is Frozen:** ☐ yes ☐ no

Temp Blank Present: ☐ yes ☑ no

Person examining contents:
Date: 8-1-17
Initials: SW

Temp should be above freezing to 6°C.
Biota Samples may be received at ≤ 0°C.

				Comments:
Chain of Custody Present:	☑Yes	☐No	☐N/A	1. Original and a copy 8-1-17
Chain of Custody Filled Out:	☑Yes	☐No	☐N/A	2. 1st page only 8-1-17 SW
Chain of Custody Relinquished:	☑Yes	☐No	☐N/A	3. 1st page only 8-1-17 SW
Sampler Name & Signature on COC:	☑Yes	☐No	☐N/A	4. 1st page only 8-1-17 SW
Samples Arrived within Hold Time:	☑Yes	☐No	☐N/A	5.
- VOA Samples frozen upon receipt	☐Yes	☐No		Date/Time:
Short Hold Time Analysis (<72hr):	☑Yes	☐No	☐N/A	6.
Rush Turn Around Time Requested:	☐Yes	☑No	☐N/A	7.
Sufficient Volume:	☐Yes	☑No	☐N/A	8. No MS/MSD Volume 8-1-17 SW
Correct Containers Used:	☑Yes	☐No	☐N/A	9.
-Pace Containers Used:	☑Yes	☐No	☐N/A	
-Pace IR Containers Used:	☐Yes	☐No	☑N/A	
Containers Intact:	☑Yes	☐No	☐N/A	10.
Filtered volume received for Dissolved tests	☐Yes	☐No	☑N/A	11.
Sample Labels match COC:	☑Yes	☐No	☐N/A	12.
-Includes date/time/ID/Analysis Matrix: S+W				
All containers needing preservation have been checked. (Non-Compliance noted in 13.)	☑Yes	☐No	☐N/A	13. ☐ HNO3 ☐ H2SO4 ☐ NaOH ☐ NaOH +ZnAct
All containers needing preservation are found to be in compliance with EPA recommendation. (HNO3, H2SO4 ≤2, NaOH+ZnAct ≥9, NaOH ≥12)	☐Yes	☑No	☐N/A	004- HNO3 pH 7 added 2.5 units pH ≤2 after 8-1-17 SW
exceptions: VOA, coliform, TOC, TOX, TOH, O&G, WIDROW, Phenolics, OTHER:	☑Yes	☐No		Initial when completed: SW Lab Std #ID of preservative: 172543 Date/Time: 8-1-17 1117
Headspace in VOA Vials (>6mm):	☐Yes	☑No	☐N/A	14.
Trip Blank Present:	☑Yes	☐No	☐N/A	15. In shipment Lab added to COC.
Trip Blank Custody Seals Present	☑Yes	☐No	☐N/A	
Pace Trip Blank Lot # (if purchased):				8-1-17 SW

Client Notification/ Resolution: If checked, see attached form for additional comments ☐

Person Contacted: Date/Time:

Comments/ Resolution: * 2nd COC missing sample numbers (014-021) Added by PC Angie 8/1/17

Project Manager Review: M for DM **Date:** 8-1-17

F-GB-C-031-Rev.04 (12Dec2016) SCUR.xls
Pace Analytical Services LLC. - Green Bay WI

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

August 16, 2017

Andrew DeWitt
ERM, Inc.
3352 128th Avenue
Holland, MI 49424

RE: Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154392

Dear Andrew DeWitt:
Enclosed are the analytical results for sample(s) received by the laboratory on August 03, 2017. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Dan Milewsky
dan.milewsky@pacelabs.com
(920)469-2436
Project Manager

Enclosures

cc: Carl Stay, ERM, Inc.
David deCourcy-Bower, ERM, Inc.

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Green Bay, WI 54302
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CERTIFICATIONS

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154392

Green Bay Certification IDs

1241 Bellevue Street, Green Bay, WI 54302
Florida/NELAP Certification #: E87948
Illinois Certification #: 200050
Kentucky UST Certification #: 82
Louisiana Certification #: 04168
Minnesota Certification #: 055-999-334
New York Certification #: 12064
North Dakota Certification #: R-150
Virginia VELAP ID: 460263
South Carolina Certification #: 83006001
Texas Certification #: T104704529-14-1
Wisconsin Certification #: 405132750
Wisconsin DATCP Certification #: 105-444
USDA Soil Permit #: P330-16-00157
Federal Fish & Wildlife Permit #: LE51774A-0

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SAMPLE SUMMARY

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154392

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40154392001	**SB-47-S**	Water	08/01/17 14:30	08/03/17 09:25
40154392002	**SB-45-S**	Water	08/02/17 08:20	08/03/17 09:25
40154392003	**SB-46-S**	Water	08/02/17 09:00	08/03/17 09:25
40154392004	**SB-9-S**	Water	08/02/17 09:45	08/03/17 09:25
40154392005	**SB-41-S**	Water	08/02/17 10:20	08/03/17 09:25
40154392006	**SB-12-S**	Water	08/02/17 11:00	08/03/17 09:25
40154392007	**SB-50 1-2**	Solid	08/02/17 11:10	08/03/17 09:25
40154392008	**SB-49 5-7**	Solid	08/02/17 09:00	08/03/17 09:25
40154392009	**SB-51 1-1.5**	Solid	08/02/17 10:40	08/03/17 09:25
40154392010	**SB-46 4-5**	Solid	08/01/17 14:15	08/03/17 09:25
40154392011	**SB-45 2-3**	Solid	08/01/17 13:30	08/03/17 09:25
40154392012	**SB-12 1-1.5**	Solid	08/01/17 15:20	08/03/17 09:25
40154392013	**SB-40 4-5**	Solid	08/01/17 13:50	08/03/17 09:25
40154392014	**SB-41 1-1.5**	Solid	08/01/17 14:30	08/03/17 09:25

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SAMPLE ANALYTE COUNT

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154392

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40154392001	**SB-47-S**	EPA 6010	DLB	7	PASI-G
		EPA 7470	AJT	1	PASI-G
		EPA 8270	RJN	70	PASI-G
		EPA 8260	HNW	64	PASI-G
40154392002	**SB-45-S**	EPA 6010	DLB	7	PASI-G
		EPA 7470	AJT	1	PASI-G
		EPA 8270	RJN	70	PASI-G
		EPA 8260	HNW	64	PASI-G
40154392003	**SB-46-S**	EPA 6010	DLB	7	PASI-G
		EPA 7470	AJT	1	PASI-G
		EPA 8270	RJN	70	PASI-G
		EPA 8260	HNW	64	PASI-G
40154392004	**SB-9-S**	EPA 6010	DLB	1	PASI-G
		EPA 8270 by HVI	TPO	20	PASI-G
		EPA 8260	LAP	64	PASI-G
40154392005	**SB-41-S**	EPA 6010	DLB	7	PASI-G
		EPA 7470	AJT	1	PASI-G
		EPA 8270	RJN	70	PASI-G
		EPA 8260	LAP	64	PASI-G
40154392006	**SB-12-S**	EPA 6010	DLB	7	PASI-G
		EPA 7470	AJT	1	PASI-G
		EPA 8270	RJN	70	PASI-G
		EPA 8260	LAP	64	PASI-G
40154392007	**SB-50 1-2**	EPA 8082	BLM	10	PASI-G
		EPA 6010	DLB	7	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270	RJN	70	PASI-G
		EPA 8260	LAP	64	PASI-G
		ASTM D2974-87	KJR	1	PASI-G
40154392008	**SB-49 5-7**	EPA 8082	BLM	10	PASI-G
		EPA 6010	DLB	7	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270	RJN	70	PASI-G
		EPA 8260	HNW	64	PASI-G
		ASTM D2974-87	KJR	1	PASI-G
40154392009	**SB-51 1-1.5**	EPA 8082	BLM	10	PASI-G
		EPA 6010	DLB	7	PASI-G

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SAMPLE ANALYTE COUNT

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154392

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 7471	AJT	1	PASI-G
		EPA 8270	RJN	70	PASI-G
		EPA 8260	HNW	64	PASI-G
		ASTM D2974-87	KJR	1	PASI-G
40154392010	**SB-46 4-5**	EPA 8082	BLM	10	PASI-G
		EPA 6010	DLB	7	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270	RJN	70	PASI-G
		EPA 8260	HNW	64	PASI-G
		ASTM D2974-87	KJR	1	PASI-G
40154392011	**SB-45 2-3**	EPA 8082	BLM	10	PASI-G
		EPA 6010	DLB	7	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270	RJN	70	PASI-G
		EPA 8260	HNW	64	PASI-G
		ASTM D2974-87	KJR	1	PASI-G
40154392012	**SB-12 1-1.5**	EPA 8082	BLM	10	PASI-G
		EPA 6010	DLB	7	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270	RJN	70	PASI-G
		EPA 8260	HNW	64	PASI-G
		ASTM D2974-87	KJR	1	PASI-G
40154392013	**SB-40 4-5**	EPA 8082	BLM	10	PASI-G
		EPA 6010	DLB	7	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270	RJN	70	PASI-G
		EPA 8260	LAP	64	PASI-G
		ASTM D2974-87	KJR	1	PASI-G
40154392014	**SB-41 1-1.5**	EPA 8082	BLM	10	PASI-G
		EPA 6010	DLB	7	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270	RJN	70	PASI-G
		EPA 8260	LAP	64	PASI-G
		ASTM D2974-87	KJR	1	PASI-G

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SUMMARY OF DETECTION

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154392

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40154392001	**SB-47-S**					
EPA 6010	Arsenic	20.1J	ug/L	25.0	08/11/17 10:07	
EPA 6010	Barium	389	ug/L	5.0	08/11/17 10:07	
EPA 6010	Chromium	8.4J	ug/L	10.0	08/11/17 10:07	
EPA 6010	Lead	10.8J	ug/L	13.0	08/11/17 10:07	
40154392002	**SB-45-S**					
EPA 6010	Arsenic	22.5J	ug/L	25.0	08/11/17 10:14	
EPA 6010	Barium	2100	ug/L	5.0	08/11/17 10:14	
EPA 6010	Chromium	27.4	ug/L	10.0	08/11/17 10:14	
EPA 6010	Lead	53.6	ug/L	13.0	08/11/17 10:14	
EPA 8270	Benzo(g,h,i)perylene	1.1J	ug/L	2.6	08/14/17 14:21	
EPA 8270	bis(2-Ethylhexyl)phthalate	0.82J	ug/L	2.2	08/14/17 14:21	
40154392003	**SB-46-S**					
EPA 6010	Barium	175	ug/L	5.0	08/11/17 10:17	
EPA 6010	Chromium	9.0J	ug/L	10.0	08/11/17 10:17	
EPA 6010	Lead	38.2	ug/L	13.0	08/11/17 10:17	
EPA 8270	Benzo(b)fluoranthene	0.64J	ug/L	2.1	08/14/17 14:43	
EPA 8270	Benzo(g,h,i)perylene	0.81J	ug/L	2.5	08/14/17 14:43	
EPA 8270	Fluoranthene	0.58J	ug/L	1.8	08/14/17 14:43	
40154392004	**SB-9-S**					
EPA 6010	Lead	441	ug/L	26.0	08/11/17 11:15	
EPA 8270 by HVI	Acenaphthene	0.26	ug/L	0.071	08/09/17 13:38	
EPA 8270 by HVI	Acenaphthylene	0.15	ug/L	0.058	08/09/17 13:38	
EPA 8270 by HVI	Chrysene	0.044J	ug/L	0.15	08/09/17 13:38	
EPA 8270 by HVI	Fluoranthene	0.050J	ug/L	0.12	08/09/17 13:38	
EPA 8270 by HVI	Fluorene	0.49	ug/L	0.093	08/09/17 13:38	
EPA 8270 by HVI	1-Methylnaphthalene	14.1	ug/L	0.069	08/09/17 13:38	
EPA 8270 by HVI	2-Methylnaphthalene	17.1	ug/L	0.057	08/09/17 13:38	
EPA 8270 by HVI	Naphthalene	16.6	ug/L	0.21	08/09/17 13:38	
EPA 8270 by HVI	Phenanthrene	0.80	ug/L	0.16	08/09/17 13:38	
EPA 8270 by HVI	Pyrene	0.042J	ug/L	0.089	08/09/17 13:38	B
EPA 8260	Benzene	51.9	ug/L	1.0	08/09/17 01:48	
EPA 8260	n-Butylbenzene	7.5	ug/L	1.0	08/09/17 01:48	
EPA 8260	sec-Butylbenzene	6.9	ug/L	5.0	08/09/17 01:48	
EPA 8260	tert-Butylbenzene	1.1	ug/L	1.0	08/09/17 01:48	
EPA 8260	1,2-Dichlorobenzene	1.0	ug/L	1.0	08/09/17 01:48	
EPA 8260	Ethylbenzene	2.5	ug/L	1.0	08/09/17 01:48	
EPA 8260	Isopropylbenzene (Cumene)	7.8	ug/L	1.0	08/09/17 01:48	
EPA 8260	p-Isopropyltoluene	3.2	ug/L	1.0	08/09/17 01:48	
EPA 8260	Naphthalene	45.2	ug/L	5.0	08/09/17 01:48	
EPA 8260	n-Propylbenzene	15.3	ug/L	1.0	08/09/17 01:48	
EPA 8260	Toluene	2.8	ug/L	1.0	08/09/17 01:48	
EPA 8260	1,2,4-Trimethylbenzene	2.3	ug/L	1.0	08/09/17 01:48	
EPA 8260	1,3,5-Trimethylbenzene	8.9	ug/L	1.0	08/09/17 01:48	
EPA 8260	m&p-Xylene	3.9	ug/L	2.0	08/09/17 01:48	
EPA 8260	o-Xylene	4.9	ug/L	1.0	08/09/17 01:48	

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SUMMARY OF DETECTION

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154392

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40154392005	**SB-41-S**					
EPA 6010	Arsenic	23.3J	ug/L	25.0	08/11/17 10:22	
EPA 6010	Barium	322	ug/L	5.0	08/11/17 10:22	
EPA 6010	Cadmium	1.9J	ug/L	5.0	08/11/17 10:22	
EPA 6010	Chromium	122	ug/L	10.0	08/11/17 10:22	
EPA 6010	Lead	121	ug/L	13.0	08/11/17 10:22	
EPA 8270	bis(2-Ethylhexyl)phthalate	1.5J	ug/L	2.2	08/09/17 18:10	
40154392006	**SB-12-S**					
EPA 6010	Arsenic	81.2	ug/L	25.0	08/11/17 10:25	
EPA 6010	Barium	174	ug/L	5.0	08/11/17 10:25	
EPA 6010	Lead	6.9J	ug/L	13.0	08/11/17 10:25	
EPA 8270	Benzo(g,h,i)perylene	0.91J	ug/L	2.6	08/09/17 18:31	
40154392007	**SB-50 1-2**					
EPA 6010	Arsenic	2.1J	mg/kg	5.4	08/10/17 12:48	
EPA 6010	Barium	24.6	mg/kg	0.54	08/10/17 12:48	
EPA 6010	Chromium	13.5	mg/kg	1.1	08/10/17 12:48	
EPA 6010	Lead	5.6	mg/kg	1.4	08/10/17 12:48	
EPA 8270	Benzo(a)anthracene	29.4J	ug/kg	93.7	08/15/17 17:27	
EPA 8270	Benzo(a)pyrene	34.5J	ug/kg	91.0	08/15/17 17:27	
EPA 8270	Benzo(b)fluoranthene	31.5J	ug/kg	104	08/15/17 17:27	
EPA 8270	Chrysene	46.0J	ug/kg	90.4	08/15/17 17:27	
EPA 8270	Fluoranthene	50.6J	ug/kg	85.6	08/15/17 17:27	
EPA 8270	Indeno(1,2,3-cd)pyrene	41.8J	ug/kg	131	08/15/17 17:27	
EPA 8270	Phenanthrene	41.5J	ug/kg	77.6	08/15/17 17:27	
EPA 8270	Pyrene	56.2J	ug/kg	134	08/15/17 17:27	
ASTM D2974-87	Percent Moisture	8.1	%	0.10	08/14/17 11:15	
40154392008	**SB-49 5-7**					
EPA 6010	Arsenic	2.5J	mg/kg	5.1	08/10/17 12:59	
EPA 6010	Barium	48.5	mg/kg	0.51	08/10/17 12:59	
EPA 6010	Chromium	10.2	mg/kg	1.0	08/10/17 12:59	
EPA 6010	Lead	3.5	mg/kg	1.3	08/10/17 12:59	
ASTM D2974-87	Percent Moisture	8.5	%	0.10	08/14/17 11:15	
40154392009	**SB-51 1-1.5**					
EPA 6010	Arsenic	5.5J	mg/kg	5.5	08/10/17 13:02	
EPA 6010	Barium	103	mg/kg	0.55	08/10/17 13:02	
EPA 6010	Cadmium	1.2	mg/kg	0.55	08/10/17 13:02	
EPA 6010	Chromium	18.4	mg/kg	1.1	08/10/17 13:02	
EPA 6010	Lead	45.7	mg/kg	1.4	08/10/17 13:02	
EPA 7471	Mercury	0.035J	mg/kg	0.042	08/15/17 12:43	
EPA 8270	2-Methylnaphthalene	131J	ug/kg	343	08/15/17 19:34	
EPA 8270	Anthracene	391	ug/kg	211	08/15/17 19:34	
EPA 8270	Benzo(a)anthracene	1010	ug/kg	205	08/15/17 19:34	
EPA 8270	Benzo(a)pyrene	892	ug/kg	199	08/15/17 19:34	
EPA 8270	Benzo(b)fluoranthene	1150	ug/kg	227	08/15/17 19:34	
EPA 8270	Benzo(g,h,i)perylene	563	ug/kg	346	08/15/17 19:34	
EPA 8270	Benzo(k)fluoranthene	440	ug/kg	316	08/15/17 19:34	

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SUMMARY OF DETECTION

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154392

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40154392009	**SB-51 1-1.5**					
EPA 8270	Carbazole	106J	ug/kg	207	08/15/17 19:34	
EPA 8270	Chrysene	1090	ug/kg	198	08/15/17 19:34	
EPA 8270	Dibenz(a,h)anthracene	140J	ug/kg	359	08/15/17 19:34	
EPA 8270	Dibenzofuran	88.6J	ug/kg	160	08/15/17 19:34	
EPA 8270	Fluoranthene	2240	ug/kg	187	08/15/17 19:34	
EPA 8270	Fluorene	131J	ug/kg	154	08/15/17 19:34	
EPA 8270	Indeno(1,2,3-cd)pyrene	616	ug/kg	286	08/15/17 19:34	
EPA 8270	Phenanthrene	1510	ug/kg	170	08/15/17 19:34	
EPA 8270	Pyrene	1590	ug/kg	293	08/15/17 19:34	
EPA 8260	Naphthalene	67.6J	ug/kg	297	08/08/17 09:13	
EPA 8260	Tetrachloroethene	244	ug/kg	71.4	08/08/17 09:13	
ASTM D2974-87	Percent Moisture	15.9	%	0.10	08/14/17 11:15	
40154392010	**SB-46 4-5**					
EPA 6010	Arsenic	2.7J	mg/kg	6.0	08/10/17 13:04	
EPA 6010	Barium	48.7	mg/kg	0.60	08/10/17 13:04	
EPA 6010	Cadmium	0.20J	mg/kg	0.60	08/10/17 13:04	
EPA 6010	Chromium	8.1	mg/kg	1.2	08/10/17 13:04	
EPA 6010	Lead	29.7	mg/kg	1.6	08/10/17 13:04	
EPA 7471	Mercury	0.019J	mg/kg	0.043	08/15/17 12:46	
EPA 8270	2-Methylnaphthalene	410	ug/kg	175	08/15/17 17:48	
EPA 8270	Anthracene	85.6J	ug/kg	108	08/15/17 17:48	
EPA 8270	Benzo(a)anthracene	212	ug/kg	104	08/15/17 17:48	
EPA 8270	Benzo(a)pyrene	224	ug/kg	101	08/15/17 17:48	
EPA 8270	Benzo(b)fluoranthene	144	ug/kg	116	08/15/17 17:48	
EPA 8270	Benzo(g,h,i)perylene	443	ug/kg	176	08/15/17 17:48	
EPA 8270	Chrysene	359	ug/kg	101	08/15/17 17:48	
EPA 8270	Dibenz(a,h)anthracene	89.2J	ug/kg	183	08/15/17 17:48	
EPA 8270	Dibenzofuran	80.5J	ug/kg	81.5	08/15/17 17:48	
EPA 8270	Fluoranthene	127	ug/kg	95.3	08/15/17 17:48	
EPA 8270	Fluorene	30.2J	ug/kg	78.7	08/15/17 17:48	
EPA 8270	Indeno(1,2,3-cd)pyrene	140J	ug/kg	146	08/15/17 17:48	
EPA 8270	Naphthalene	189J	ug/kg	235	08/15/17 17:48	
EPA 8270	Phenanthrene	528	ug/kg	86.4	08/15/17 17:48	
EPA 8270	Pyrene	312	ug/kg	149	08/15/17 17:48	
EPA 8260	Naphthalene	51.3J	ug/kg	303	08/07/17 16:45	
EPA 8260	Toluene	39.2J	ug/kg	72.7	08/07/17 16:45	
ASTM D2974-87	Percent Moisture	17.5	%	0.10	08/14/17 11:15	
40154392011	**SB-45 2-3**					
EPA 6010	Arsenic	2.7J	mg/kg	5.1	08/10/17 13:07	
EPA 6010	Barium	32.9	mg/kg	0.51	08/10/17 13:07	
EPA 6010	Chromium	7.7	mg/kg	1.0	08/10/17 13:07	
EPA 6010	Lead	6.9	mg/kg	1.3	08/10/17 13:07	
EPA 8270	2-Methylnaphthalene	367	ug/kg	159	08/15/17 18:09	
EPA 8270	Anthracene	48.9J	ug/kg	98.1	08/15/17 18:09	
EPA 8270	Benzo(a)anthracene	84.1J	ug/kg	95.1	08/15/17 18:09	
EPA 8270	Benzo(a)pyrene	71.7J	ug/kg	92.4	08/15/17 18:09	

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SUMMARY OF DETECTION

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154392

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40154392011	**SB-45 2-3**					
EPA 8270	Benzo(b)fluoranthene	69.0J	ug/kg	105	08/15/17 18:09	
EPA 8270	Benzo(g,h,i)perylene	116J	ug/kg	161	08/15/17 18:09	
EPA 8270	Chrysene	127	ug/kg	91.8	08/15/17 18:09	
EPA 8270	Dibenzofuran	90.7	ug/kg	74.3	08/15/17 18:09	
EPA 8270	Fluoranthene	95.5	ug/kg	86.8	08/15/17 18:09	
EPA 8270	Indeno(1,2,3-cd)pyrene	58.5J	ug/kg	133	08/15/17 18:09	
EPA 8270	Naphthalene	148J	ug/kg	215	08/15/17 18:09	
EPA 8270	Phenanthrene	362	ug/kg	78.7	08/15/17 18:09	
EPA 8270	Pyrene	158	ug/kg	136	08/15/17 18:09	
EPA 8260	Benzene	53.6J	ug/kg	66.2	08/07/17 17:08	
EPA 8260	n-Butylbenzene	32.0J	ug/kg	66.2	08/07/17 17:08	
EPA 8260	Ethylbenzene	82.8	ug/kg	66.2	08/07/17 17:08	
EPA 8260	p-Isopropyltoluene	33.9J	ug/kg	66.2	08/07/17 17:08	
EPA 8260	Naphthalene	196J	ug/kg	276	08/07/17 17:08	
EPA 8260	n-Propylbenzene	37.3J	ug/kg	66.2	08/07/17 17:08	
EPA 8260	Toluene	143	ug/kg	66.2	08/07/17 17:08	
EPA 8260	1,2,4-Trimethylbenzene	193	ug/kg	66.2	08/07/17 17:08	
EPA 8260	1,3,5-Trimethylbenzene	65.3J	ug/kg	66.2	08/07/17 17:08	
EPA 8260	m&p-Xylene	190	ug/kg	132	08/07/17 17:08	
EPA 8260	o-Xylene	152	ug/kg	66.2	08/07/17 17:08	
ASTM D2974-87	Percent Moisture	9.3	%	0.10	08/14/17 11:15	
40154392012	**SB-12 1-1.5**					
EPA 6010	Arsenic	6.4	mg/kg	5.6	08/10/17 13:09	
EPA 6010	Barium	161	mg/kg	0.56	08/10/17 13:09	
EPA 6010	Cadmium	0.43J	mg/kg	0.56	08/10/17 13:09	
EPA 6010	Chromium	22.0	mg/kg	1.1	08/10/17 13:09	
EPA 6010	Lead	27.5	mg/kg	1.5	08/10/17 13:09	
EPA 7471	Mercury	0.025J	mg/kg	0.041	08/15/17 12:50	
EPA 8270	2-Methylnaphthalene	69.8J	ug/kg	171	08/15/17 18:31	
EPA 8270	Acenaphthene	106J	ug/kg	234	08/15/17 18:31	
EPA 8270	Acenaphthylene	81.5J	ug/kg	235	08/15/17 18:31	
EPA 8270	Anthracene	358	ug/kg	105	08/15/17 18:31	
EPA 8270	Benzo(a)anthracene	913	ug/kg	102	08/15/17 18:31	
EPA 8270	Benzo(a)pyrene	1030	ug/kg	99.2	08/15/17 18:31	
EPA 8270	Benzo(b)fluoranthene	1160	ug/kg	113	08/15/17 18:31	
EPA 8270	Benzo(g,h,i)perylene	676	ug/kg	172	08/15/17 18:31	
EPA 8270	Benzo(k)fluoranthene	536	ug/kg	158	08/15/17 18:31	
EPA 8270	Butylbenzylphthalate	80.7J	ug/kg	106	08/15/17 18:31	
EPA 8270	Carbazole	149	ug/kg	103	08/15/17 18:31	
EPA 8270	Chrysene	1070	ug/kg	98.5	08/15/17 18:31	
EPA 8270	Dibenz(a,h)anthracene	155J	ug/kg	179	08/15/17 18:31	
EPA 8270	Dibenzofuran	54.5J	ug/kg	79.8	08/15/17 18:31	
EPA 8270	Fluoranthene	2320	ug/kg	93.2	08/15/17 18:31	
EPA 8270	Fluorene	119	ug/kg	77.0	08/15/17 18:31	
EPA 8270	Indeno(1,2,3-cd)pyrene	724	ug/kg	143	08/15/17 18:31	
EPA 8270	Phenanthrene	1270	ug/kg	84.5	08/15/17 18:31	
EPA 8270	Pyrene	1760	ug/kg	146	08/15/17 18:31	

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SUMMARY OF DETECTION

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154392

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40154392012	**SB-12 1-1.5**					
ASTM D2974-87	Percent Moisture	15.5	%	0.10	08/14/17 11:15	
40154392013	**SB-40 4-5**					
EPA 6010	Arsenic	4.9J	mg/kg	8.1	08/10/17 13:12	
EPA 6010	Barium	113	mg/kg	0.81	08/10/17 13:12	
EPA 6010	Cadmium	1.2	mg/kg	0.81	08/10/17 13:12	
EPA 6010	Chromium	21.2	mg/kg	1.6	08/10/17 13:12	
EPA 6010	Lead	48.8	mg/kg	2.1	08/10/17 13:12	
EPA 6010	Selenium	1.9J	mg/kg	8.1	08/10/17 13:12	
EPA 7471	Mercury	0.13	mg/kg	0.060	08/15/17 12:53	
EPA 8270	Benzo(a)anthracene	90.0J	ug/kg	141	08/15/17 17:05	
EPA 8270	Benzo(a)pyrene	114J	ug/kg	137	08/15/17 17:05	
EPA 8270	Benzo(b)fluoranthene	157	ug/kg	156	08/15/17 17:05	
EPA 8270	Benzo(g,h,i)perylene	124J	ug/kg	238	08/15/17 17:05	
EPA 8270	Benzo(k)fluoranthene	67.2J	ug/kg	218	08/15/17 17:05	
EPA 8270	Chrysene	133J	ug/kg	136	08/15/17 17:05	
EPA 8270	Fluoranthene	291	ug/kg	129	08/15/17 17:05	
EPA 8270	Indeno(1,2,3-cd)pyrene	142J	ug/kg	197	08/15/17 17:05	
EPA 8270	Phenanthrene	179	ug/kg	117	08/15/17 17:05	
EPA 8270	Phenol	114J	ug/kg	216	08/15/17 17:05	
EPA 8270	Pyrene	213	ug/kg	202	08/15/17 17:05	
ASTM D2974-87	Percent Moisture	38.8	%	0.10	08/14/17 11:15	
40154392014	**SB-41 1-1.5**					
EPA 6010	Arsenic	3.8J	mg/kg	5.9	08/10/17 13:14	
EPA 6010	Barium	109	mg/kg	0.59	08/10/17 13:14	
EPA 6010	Cadmium	0.39J	mg/kg	0.59	08/10/17 13:14	
EPA 6010	Chromium	14.8	mg/kg	1.2	08/10/17 13:14	
EPA 6010	Lead	24.7	mg/kg	1.5	08/10/17 13:14	
EPA 6010	Selenium	1.3J	mg/kg	5.9	08/10/17 13:14	
EPA 7471	Mercury	0.022J	mg/kg	0.044	08/15/17 12:55	
EPA 8270	Benzo(a)anthracene	115	ug/kg	111	08/15/17 18:52	
EPA 8270	Benzo(a)pyrene	87.6J	ug/kg	108	08/15/17 18:52	
EPA 8270	Benzo(b)fluoranthene	104J	ug/kg	123	08/15/17 18:52	
EPA 8270	Benzo(g,h,i)perylene	96.1J	ug/kg	188	08/15/17 18:52	
EPA 8270	Chrysene	179	ug/kg	107	08/15/17 18:52	
EPA 8270	Dibenzofuran	119	ug/kg	86.8	08/15/17 18:52	
EPA 8270	Fluoranthene	212	ug/kg	101	08/15/17 18:52	
EPA 8270	Fluorene	29.1J	ug/kg	83.8	08/15/17 18:52	
EPA 8270	Indeno(1,2,3-cd)pyrene	70.5J	ug/kg	155	08/15/17 18:52	
EPA 8270	Phenanthrene	702	ug/kg	92.0	08/15/17 18:52	
EPA 8270	Pyrene	217	ug/kg	159	08/15/17 18:52	
ASTM D2974-87	Percent Moisture	22.5	%	0.10	08/14/17 11:15	

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ANALYTICAL RESULTS

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154392

Sample: SB-47-S **Lab ID: 40154392001** Collected: 08/01/17 14:30 Received: 08/03/17 09:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**20.1J**	ug/L	25.0	8.3	1	08/10/17 10:20	08/11/17 10:07	7440-38-2	
Barium	**389**	ug/L	5.0	1.5	1	08/10/17 10:20	08/11/17 10:07	7440-39-3	
Cadmium	**<1.3**	ug/L	5.0	1.3	1	08/10/17 10:20	08/11/17 10:07	7440-43-9	
Chromium	**8.4J**	ug/L	10.0	2.5	1	08/10/17 10:20	08/11/17 10:07	7440-47-3	
Lead	**10.8J**	ug/L	13.0	4.3	1	08/10/17 10:20	08/11/17 10:07	7439-92-1	
Selenium	**<16.6**	ug/L	50.0	16.6	1	08/10/17 10:20	08/11/17 10:07	7782-49-2	
Silver	**<3.3**	ug/L	10.0	3.3	1	08/10/17 10:20	08/11/17 10:07	7440-22-4	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**<0.13**	ug/L	0.42	0.13	1	08/14/17 10:55	08/15/17 09:42	7439-97-6	
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510								
1,2,4-Trichlorobenzene	**<1.9**	ug/L	6.4	1.9	1	08/07/17 08:15	08/14/17 14:00	120-82-1	
1,2-Dichlorobenzene	**<1.8**	ug/L	6.1	1.8	1	08/07/17 08:15	08/14/17 14:00	95-50-1	
1,3-Dichlorobenzene	**<1.8**	ug/L	5.9	1.8	1	08/07/17 08:15	08/14/17 14:00	541-73-1	
1,4-Dichlorobenzene	**<1.8**	ug/L	5.9	1.8	1	08/07/17 08:15	08/14/17 14:00	106-46-7	
2,2'-Oxybis(1-chloropropane)	**<1.4**	ug/L	4.8	1.4	1	08/07/17 08:15	08/14/17 14:00	108-60-1	
2,4,5-Trichlorophenol	**<0.79**	ug/L	2.6	0.79	1	08/07/17 08:15	08/14/17 14:00	95-95-4	
2,4,6-Trichlorophenol	**<2.0**	ug/L	6.6	2.0	1	08/07/17 08:15	08/14/17 14:00	88-06-2	
2,4-Dichlorophenol	**<1.3**	ug/L	4.3	1.3	1	08/07/17 08:15	08/14/17 14:00	120-83-2	
2,4-Dimethylphenol	**<1.2**	ug/L	4.0	1.2	1	08/07/17 08:15	08/14/17 14:00	105-67-9	
2,4-Dinitrophenol	**<0.67**	ug/L	2.2	0.67	1	08/07/17 08:15	08/14/17 14:00	51-28-5	
2,4-Dinitrotoluene	**<0.75**	ug/L	2.5	0.75	1	08/07/17 08:15	08/14/17 14:00	121-14-2	
2,6-Dinitrotoluene	**<0.57**	ug/L	1.9	0.57	1	08/07/17 08:15	08/14/17 14:00	606-20-2	
2-Chloronaphthalene	**<1.6**	ug/L	5.2	1.6	1	08/07/17 08:15	08/14/17 14:00	91-58-7	
2-Chlorophenol	**<1.1**	ug/L	3.6	1.1	1	08/07/17 08:15	08/14/17 14:00	95-57-8	
2-Methylnaphthalene	**<1.4**	ug/L	4.8	1.4	1	08/07/17 08:15	08/14/17 14:00	91-57-6	
2-Methylphenol(o-Cresol)	**<0.82**	ug/L	2.7	0.82	1	08/07/17 08:15	08/14/17 14:00	95-48-7	
2-Nitroaniline	**<0.73**	ug/L	2.4	0.73	1	08/07/17 08:15	08/14/17 14:00	88-74-4	
2-Nitrophenol	**<1.1**	ug/L	3.7	1.1	1	08/07/17 08:15	08/14/17 14:00	88-75-5	
3&4-Methylphenol(m&p Cresol)	**<1.5**	ug/L	4.9	1.5	1	08/07/17 08:15	08/14/17 14:00		
3,3'-Dichlorobenzidine	**<0.85**	ug/L	2.8	0.85	1	08/07/17 08:15	08/14/17 14:00	91-94-1	
3-Nitroaniline	**<0.91**	ug/L	3.0	0.91	1	08/07/17 08:15	08/14/17 14:00	99-09-2	
4,6-Dinitro-2-methylphenol	**<0.62**	ug/L	2.1	0.62	1	08/07/17 08:15	08/14/17 14:00	534-52-1	
4-Bromophenylphenyl ether	**<1.9**	ug/L	6.2	1.9	1	08/07/17 08:15	08/14/17 14:00	101-55-3	
4-Chloro-3-methylphenol	**<1.6**	ug/L	5.3	1.6	1	08/07/17 08:15	08/14/17 14:00	59-50-7	
4-Chloroaniline	**<1.0**	ug/L	3.4	1.0	1	08/07/17 08:15	08/14/17 14:00	106-47-8	
4-Chlorophenylphenyl ether	**<0.77**	ug/L	2.6	0.77	1	08/07/17 08:15	08/14/17 14:00	7005-72-3	
4-Nitroaniline	**<1.7**	ug/L	5.8	1.7	1	08/07/17 08:15	08/14/17 14:00	100-01-6	
4-Nitrophenol	**<0.99**	ug/L	3.3	0.99	1	08/07/17 08:15	08/14/17 14:00	100-02-7	
Acenaphthene	**<1.3**	ug/L	4.2	1.3	1	08/07/17 08:15	08/14/17 14:00	83-32-9	
Acenaphthylene	**<1.0**	ug/L	3.3	1.0	1	08/07/17 08:15	08/14/17 14:00	208-96-8	
Anthracene	**<1.7**	ug/L	5.7	1.7	1	08/07/17 08:15	08/14/17 14:00	120-12-7	
Benzo(a)anthracene	**<0.50**	ug/L	1.7	0.50	1	08/07/17 08:15	08/14/17 14:00	56-55-3	
Benzo(a)pyrene	**<1.8**	ug/L	5.9	1.8	1	08/07/17 08:15	08/14/17 14:00	50-32-8	
Benzo(b)fluoranthene	**<0.62**	ug/L	2.1	0.62	1	08/07/17 08:15	08/14/17 14:00	205-99-2	

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ANALYTICAL RESULTS

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154392

Sample: SB-47-S **Lab ID: 40154392001** Collected: 08/01/17 14:30 Received: 08/03/17 09:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510								
Benzo(g,h,i)perylene	**<0.76**	ug/L	2.5	0.76	1	08/07/17 08:15	08/14/17 14:00	191-24-2	
Benzo(k)fluoranthene	**<0.95**	ug/L	3.2	0.95	1	08/07/17 08:15	08/14/17 14:00	207-08-9	
Butylbenzylphthalate	**<0.73**	ug/L	2.4	0.73	1	08/07/17 08:15	08/14/17 14:00	85-68-7	
Carbazole	**<0.71**	ug/L	2.4	0.71	1	08/07/17 08:15	08/14/17 14:00	86-74-8	
Chrysene	**<1.6**	ug/L	5.5	1.6	1	08/07/17 08:15	08/14/17 14:00	218-01-9	
Di-n-butylphthalate	**<2.4**	ug/L	8.1	2.4	1	08/07/17 08:15	08/14/17 14:00	84-74-2	
Di-n-octylphthalate	**<1.8**	ug/L	6.0	1.8	1	08/07/17 08:15	08/14/17 14:00	117-84-0	
Dibenz(a,h)anthracene	**<1.2**	ug/L	4.2	1.2	1	08/07/17 08:15	08/14/17 14:00	53-70-3	
Dibenzofuran	**<0.72**	ug/L	2.4	0.72	1	08/07/17 08:15	08/14/17 14:00	132-64-9	
Diethylphthalate	**<1.0**	ug/L	3.4	1.0	1	08/07/17 08:15	08/14/17 14:00	84-66-2	
Dimethylphthalate	**<1.8**	ug/L	6.1	1.8	1	08/07/17 08:15	08/14/17 14:00	131-11-3	
Fluoranthene	**<0.53**	ug/L	1.8	0.53	1	08/07/17 08:15	08/14/17 14:00	206-44-0	
Fluorene	**<0.71**	ug/L	2.4	0.71	1	08/07/17 08:15	08/14/17 14:00	86-73-7	
Hexachloro-1,3-butadiene	**<2.3**	ug/L	7.7	2.3	1	08/07/17 08:15	08/14/17 14:00	87-68-3	
Hexachlorobenzene	**<1.6**	ug/L	5.3	1.6	1	08/07/17 08:15	08/14/17 14:00	118-74-1	
Hexachlorocyclopentadiene	**<0.64**	ug/L	2.1	0.64	1	08/07/17 08:15	08/14/17 14:00	77-47-4	
Hexachloroethane	**<2.5**	ug/L	8.4	2.5	1	08/07/17 08:15	08/14/17 14:00	67-72-1	
Indeno(1,2,3-cd)pyrene	**<1.4**	ug/L	4.7	1.4	1	08/07/17 08:15	08/14/17 14:00	193-39-5	
Isophorone	**<0.69**	ug/L	2.3	0.69	1	08/07/17 08:15	08/14/17 14:00	78-59-1	
N-Nitroso-di-n-propylamine	**<0.92**	ug/L	3.1	0.92	1	08/07/17 08:15	08/14/17 14:00	621-64-7	
N-Nitrosodiphenylamine	**<3.3**	ug/L	11.1	3.3	1	08/07/17 08:15	08/14/17 14:00	86-30-6	
Naphthalene	**<1.8**	ug/L	6.0	1.8	1	08/07/17 08:15	08/14/17 14:00	91-20-3	
Nitrobenzene	**<1.4**	ug/L	4.6	1.4	1	08/07/17 08:15	08/14/17 14:00	98-95-3	
Pentachlorophenol	**<1.4**	ug/L	4.5	1.4	1	08/07/17 08:15	08/14/17 14:00	87-86-5	
Phenanthrene	**<1.7**	ug/L	5.7	1.7	1	08/07/17 08:15	08/14/17 14:00	85-01-8	
Phenol	**<0.57**	ug/L	1.9	0.57	1	08/07/17 08:15	08/14/17 14:00	108-95-2	
Pyrene	**<1.3**	ug/L	4.2	1.3	1	08/07/17 08:15	08/14/17 14:00	129-00-0	
bis(2-Chloroethoxy)methane	**<0.94**	ug/L	3.1	0.94	1	08/07/17 08:15	08/14/17 14:00	111-91-1	
bis(2-Chloroethyl) ether	**<1.5**	ug/L	5.0	1.5	1	08/07/17 08:15	08/14/17 14:00	111-44-4	
bis(2-Ethylhexyl)phthalate	**<0.65**	ug/L	2.2	0.65	1	08/07/17 08:15	08/14/17 14:00	117-81-7	
Surrogates									
Nitrobenzene-d5 (S)	85	%	53-100		1	08/07/17 08:15	08/14/17 14:00	4165-60-0	
2-Fluorobiphenyl (S)	85	%	59-109		1	08/07/17 08:15	08/14/17 14:00	321-60-8	
Terphenyl-d14 (S)	96	%	59-108		1	08/07/17 08:15	08/14/17 14:00	1718-51-0	
Phenol-d6 (S)	29	%	18-120		1	08/07/17 08:15	08/14/17 14:00	13127-88-3	
2-Fluorophenol (S)	52	%	27-67		1	08/07/17 08:15	08/14/17 14:00	367-12-4	
2,4,6-Tribromophenol (S)	113	%	65-140		1	08/07/17 08:15	08/14/17 14:00	118-79-6	
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<0.50**	ug/L	1.0	0.50	1		08/10/17 11:09	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		08/10/17 11:09	108-86-1	
Bromochloromethane	**<0.34**	ug/L	1.0	0.34	1		08/10/17 11:09	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		08/10/17 11:09	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		08/10/17 11:09	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		08/10/17 11:09	74-83-9	
n-Butylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/10/17 11:09	104-51-8	

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ANALYTICAL RESULTS

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154392

Sample: SB-47-S **Lab ID: 40154392001** Collected: 08/01/17 14:30 Received: 08/03/17 09:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		08/10/17 11:09	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		08/10/17 11:09	98-06-6	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		08/10/17 11:09	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/10/17 11:09	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		08/10/17 11:09	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		08/10/17 11:09	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		08/10/17 11:09	74-87-3	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		08/10/17 11:09	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		08/10/17 11:09	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		08/10/17 11:09	96-12-8	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		08/10/17 11:09	124-48-1	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		08/10/17 11:09	106-93-4	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		08/10/17 11:09	74-95-3	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/10/17 11:09	95-50-1	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/10/17 11:09	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/10/17 11:09	106-46-7	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		08/10/17 11:09	75-71-8	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		08/10/17 11:09	75-34-3	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		08/10/17 11:09	107-06-2	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		08/10/17 11:09	75-35-4	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		08/10/17 11:09	156-59-2	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		08/10/17 11:09	156-60-5	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		08/10/17 11:09	78-87-5	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		08/10/17 11:09	142-28-9	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		08/10/17 11:09	594-20-7	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		08/10/17 11:09	563-58-6	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		08/10/17 11:09	10061-01-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		08/10/17 11:09	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		08/10/17 11:09	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/10/17 11:09	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		08/10/17 11:09	87-68-3	
Isopropylbenzene (Cumene)	**<0.14**	ug/L	1.0	0.14	1		08/10/17 11:09	98-82-8	
p-Isopropyltoluene	**<0.50**	ug/L	1.0	0.50	1		08/10/17 11:09	99-87-6	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		08/10/17 11:09	75-09-2	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		08/10/17 11:09	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		08/10/17 11:09	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/10/17 11:09	103-65-1	
Styrene	**<0.50**	ug/L	1.0	0.50	1		08/10/17 11:09	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		08/10/17 11:09	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.25**	ug/L	1.0	0.25	1		08/10/17 11:09	79-34-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		08/10/17 11:09	127-18-4	
Toluene	**<0.50**	ug/L	1.0	0.50	1		08/10/17 11:09	108-88-3	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		08/10/17 11:09	87-61-6	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		08/10/17 11:09	120-82-1	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		08/10/17 11:09	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		08/10/17 11:09	79-00-5	

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ANALYTICAL RESULTS

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154392

Sample: SB-47-S **Lab ID: 40154392001** Collected: 08/01/17 14:30 Received: 08/03/17 09:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		08/10/17 11:09	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		08/10/17 11:09	75-69-4	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		08/10/17 11:09	96-18-4	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/10/17 11:09	95-63-6	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/10/17 11:09	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		08/10/17 11:09	75-01-4	
m&p-Xylene	**<1.0**	ug/L	2.0	1.0	1		08/10/17 11:09	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		08/10/17 11:09	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	95	%	61-130		1		08/10/17 11:09	460-00-4	
Dibromofluoromethane (S)	103	%	67-130		1		08/10/17 11:09	1868-53-7	
Toluene-d8 (S)	102	%	70-130		1		08/10/17 11:09	2037-26-5	

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ANALYTICAL RESULTS

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154392

Sample: SB-45-S **Lab ID: 40154392002** Collected: 08/02/17 08:20 Received: 08/03/17 09:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**22.5J**	ug/L	25.0	8.3	1	08/10/17 10:20	08/11/17 10:14	7440-38-2	
Barium	**2100**	ug/L	5.0	1.5	1	08/10/17 10:20	08/11/17 10:14	7440-39-3	
Cadmium	**<1.3**	ug/L	5.0	1.3	1	08/10/17 10:20	08/11/17 10:14	7440-43-9	
Chromium	**27.4**	ug/L	10.0	2.5	1	08/10/17 10:20	08/11/17 10:14	7440-47-3	
Lead	**53.6**	ug/L	13.0	4.3	1	08/10/17 10:20	08/11/17 10:14	7439-92-1	
Selenium	**<16.6**	ug/L	50.0	16.6	1	08/10/17 10:20	08/11/17 10:14	7782-49-2	
Silver	**<3.3**	ug/L	10.0	3.3	1	08/10/17 10:20	08/11/17 10:14	7440-22-4	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**<0.13**	ug/L	0.42	0.13	1	08/14/17 10:55	08/15/17 09:44	7439-97-6	
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510								
1,2,4-Trichlorobenzene	**<1.9**	ug/L	6.5	1.9	1	08/07/17 08:15	08/14/17 14:21	120-82-1	
1,2-Dichlorobenzene	**<1.8**	ug/L	6.1	1.8	1	08/07/17 08:15	08/14/17 14:21	95-50-1	
1,3-Dichlorobenzene	**<1.8**	ug/L	6.0	1.8	1	08/07/17 08:15	08/14/17 14:21	541-73-1	
1,4-Dichlorobenzene	**<1.8**	ug/L	6.0	1.8	1	08/07/17 08:15	08/14/17 14:21	106-46-7	
2,2'-Oxybis(1-chloropropane)	**<1.5**	ug/L	4.8	1.5	1	08/07/17 08:15	08/14/17 14:21	108-60-1	
2,4,5-Trichlorophenol	**<0.80**	ug/L	2.7	0.80	1	08/07/17 08:15	08/14/17 14:21	95-95-4	
2,4,6-Trichlorophenol	**<2.0**	ug/L	6.7	2.0	1	08/07/17 08:15	08/14/17 14:21	88-06-2	
2,4-Dichlorophenol	**<1.3**	ug/L	4.3	1.3	1	08/07/17 08:15	08/14/17 14:21	120-83-2	
2,4-Dimethylphenol	**<1.2**	ug/L	4.0	1.2	1	08/07/17 08:15	08/14/17 14:21	105-67-9	
2,4-Dinitrophenol	**<0.68**	ug/L	2.3	0.68	1	08/07/17 08:15	08/14/17 14:21	51-28-5	
2,4-Dinitrotoluene	**<0.75**	ug/L	2.5	0.75	1	08/07/17 08:15	08/14/17 14:21	121-14-2	
2,6-Dinitrotoluene	**<0.57**	ug/L	1.9	0.57	1	08/07/17 08:15	08/14/17 14:21	606-20-2	
2-Chloronaphthalene	**<1.6**	ug/L	5.2	1.6	1	08/07/17 08:15	08/14/17 14:21	91-58-7	
2-Chlorophenol	**<1.1**	ug/L	3.7	1.1	1	08/07/17 08:15	08/14/17 14:21	95-57-8	
2-Methylnaphthalene	**<1.4**	ug/L	4.8	1.4	1	08/07/17 08:15	08/14/17 14:21	91-57-6	
2-Methylphenol(o-Cresol)	**<0.83**	ug/L	2.8	0.83	1	08/07/17 08:15	08/14/17 14:21	95-48-7	
2-Nitroaniline	**<0.74**	ug/L	2.5	0.74	1	08/07/17 08:15	08/14/17 14:21	88-74-4	
2-Nitrophenol	**<1.1**	ug/L	3.7	1.1	1	08/07/17 08:15	08/14/17 14:21	88-75-5	
3&4-Methylphenol(m&p Cresol)	**<1.5**	ug/L	5.0	1.5	1	08/07/17 08:15	08/14/17 14:21		
3,3'-Dichlorobenzidine	**<0.86**	ug/L	2.9	0.86	1	08/07/17 08:15	08/14/17 14:21	91-94-1	
3-Nitroaniline	**<0.92**	ug/L	3.1	0.92	1	08/07/17 08:15	08/14/17 14:21	99-09-2	
4,6-Dinitro-2-methylphenol	**<0.62**	ug/L	2.1	0.62	1	08/07/17 08:15	08/14/17 14:21	534-52-1	
4-Bromophenylphenyl ether	**<1.9**	ug/L	6.3	1.9	1	08/07/17 08:15	08/14/17 14:21	101-55-3	
4-Chloro-3-methylphenol	**<1.6**	ug/L	5.4	1.6	1	08/07/17 08:15	08/14/17 14:21	59-50-7	
4-Chloroaniline	**<1.0**	ug/L	3.5	1.0	1	08/07/17 08:15	08/14/17 14:21	106-47-8	
4-Chlorophenylphenyl ether	**<0.78**	ug/L	2.6	0.78	1	08/07/17 08:15	08/14/17 14:21	7005-72-3	
4-Nitroaniline	**<1.7**	ug/L	5.8	1.7	1	08/07/17 08:15	08/14/17 14:21	100-01-6	
4-Nitrophenol	**<1.0**	ug/L	3.3	1.0	1	08/07/17 08:15	08/14/17 14:21	100-02-7	
Acenaphthene	**<1.3**	ug/L	4.3	1.3	1	08/07/17 08:15	08/14/17 14:21	83-32-9	
Acenaphthylene	**<1.0**	ug/L	3.4	1.0	1	08/07/17 08:15	08/14/17 14:21	208-96-8	
Anthracene	**<1.7**	ug/L	5.7	1.7	1	08/07/17 08:15	08/14/17 14:21	120-12-7	
Benzo(a)anthracene	**<0.51**	ug/L	1.7	0.51	1	08/07/17 08:15	08/14/17 14:21	56-55-3	
Benzo(a)pyrene	**<1.8**	ug/L	6.0	1.8	1	08/07/17 08:15	08/14/17 14:21	50-32-8	
Benzo(b)fluoranthene	**<0.62**	ug/L	2.1	0.62	1	08/07/17 08:15	08/14/17 14:21	205-99-2	

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ANALYTICAL RESULTS

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154392

Sample: SB-45-S **Lab ID: 40154392002** Collected: 08/02/17 08:20 Received: 08/03/17 09:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510								
Benzo(g,h,i)perylene	**1.1J**	ug/L	2.6	0.77	1	08/07/17 08:15	08/14/17 14:21	191-24-2	
Benzo(k)fluoranthene	**<0.95**	ug/L	3.2	0.95	1	08/07/17 08:15	08/14/17 14:21	207-08-9	
Butylbenzylphthalate	**<0.74**	ug/L	2.5	0.74	1	08/07/17 08:15	08/14/17 14:21	85-68-7	
Carbazole	**<0.71**	ug/L	2.4	0.71	1	08/07/17 08:15	08/14/17 14:21	86-74-8	
Chrysene	**<1.7**	ug/L	5.5	1.7	1	08/07/17 08:15	08/14/17 14:21	218-01-9	
Di-n-butylphthalate	**<2.4**	ug/L	8.1	2.4	1	08/07/17 08:15	08/14/17 14:21	84-74-2	
Di-n-octylphthalate	**<1.8**	ug/L	6.0	1.8	1	08/07/17 08:15	08/14/17 14:21	117-84-0	
Dibenz(a,h)anthracene	**<1.3**	ug/L	4.2	1.3	1	08/07/17 08:15	08/14/17 14:21	53-70-3	
Dibenzofuran	**<0.73**	ug/L	2.4	0.73	1	08/07/17 08:15	08/14/17 14:21	132-64-9	
Diethylphthalate	**<1.0**	ug/L	3.4	1.0	1	08/07/17 08:15	08/14/17 14:21	84-66-2	
Dimethylphthalate	**<1.8**	ug/L	6.1	1.8	1	08/07/17 08:15	08/14/17 14:21	131-11-3	
Fluoranthene	**<0.54**	ug/L	1.8	0.54	1	08/07/17 08:15	08/14/17 14:21	206-44-0	
Fluorene	**<0.71**	ug/L	2.4	0.71	1	08/07/17 08:15	08/14/17 14:21	86-73-7	
Hexachloro-1,3-butadiene	**<2.3**	ug/L	7.8	2.3	1	08/07/17 08:15	08/14/17 14:21	87-68-3	
Hexachlorobenzene	**<1.6**	ug/L	5.4	1.6	1	08/07/17 08:15	08/14/17 14:21	118-74-1	
Hexachlorocyclopentadiene	**<0.65**	ug/L	2.2	0.65	1	08/07/17 08:15	08/14/17 14:21	77-47-4	
Hexachloroethane	**<2.5**	ug/L	8.4	2.5	1	08/07/17 08:15	08/14/17 14:21	67-72-1	
Indeno(1,2,3-cd)pyrene	**<1.4**	ug/L	4.8	1.4	1	08/07/17 08:15	08/14/17 14:21	193-39-5	
Isophorone	**<0.70**	ug/L	2.3	0.70	1	08/07/17 08:15	08/14/17 14:21	78-59-1	
N-Nitroso-di-n-propylamine	**<0.92**	ug/L	3.1	0.92	1	08/07/17 08:15	08/14/17 14:21	621-64-7	
N-Nitrosodiphenylamine	**<3.4**	ug/L	11.2	3.4	1	08/07/17 08:15	08/14/17 14:21	86-30-6	
Naphthalene	**<1.8**	ug/L	6.0	1.8	1	08/07/17 08:15	08/14/17 14:21	91-20-3	
Nitrobenzene	**<1.4**	ug/L	4.6	1.4	1	08/07/17 08:15	08/14/17 14:21	98-95-3	
Pentachlorophenol	**<1.4**	ug/L	4.6	1.4	1	08/07/17 08:15	08/14/17 14:21	87-86-5	
Phenanthrene	**<1.7**	ug/L	5.8	1.7	1	08/07/17 08:15	08/14/17 14:21	85-01-8	
Phenol	**<0.57**	ug/L	1.9	0.57	1	08/07/17 08:15	08/14/17 14:21	108-95-2	
Pyrene	**<1.3**	ug/L	4.3	1.3	1	08/07/17 08:15	08/14/17 14:21	129-00-0	
bis(2-Chloroethoxy)methane	**<0.95**	ug/L	3.2	0.95	1	08/07/17 08:15	08/14/17 14:21	111-91-1	
bis(2-Chloroethyl) ether	**<1.5**	ug/L	5.0	1.5	1	08/07/17 08:15	08/14/17 14:21	111-44-4	
bis(2-Ethylhexyl)phthalate	**0.82J**	ug/L	2.2	0.66	1	08/07/17 08:15	08/14/17 14:21	117-81-7	
Surrogates									
Nitrobenzene-d5 (S)	92	%	53-100		1	08/07/17 08:15	08/14/17 14:21	4165-60-0	
2-Fluorobiphenyl (S)	81	%	59-109		1	08/07/17 08:15	08/14/17 14:21	321-60-8	
Terphenyl-d14 (S)	90	%	59-108		1	08/07/17 08:15	08/14/17 14:21	1718-51-0	
Phenol-d6 (S)	30	%	18-120		1	08/07/17 08:15	08/14/17 14:21	13127-88-3	
2-Fluorophenol (S)	44	%	27-67		1	08/07/17 08:15	08/14/17 14:21	367-12-4	
2,4,6-Tribromophenol (S)	97	%	65-140		1	08/07/17 08:15	08/14/17 14:21	118-79-6	
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<0.50**	ug/L	1.0	0.50	1		08/10/17 11:32	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		08/10/17 11:32	108-86-1	
Bromochloromethane	**<0.34**	ug/L	1.0	0.34	1		08/10/17 11:32	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		08/10/17 11:32	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		08/10/17 11:32	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		08/10/17 11:32	74-83-9	
n-Butylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/10/17 11:32	104-51-8	

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ANALYTICAL RESULTS

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154392

Sample: SB-45-S **Lab ID: 40154392002** Collected: 08/02/17 08:20 Received: 08/03/17 09:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		08/10/17 11:32	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		08/10/17 11:32	98-06-6	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		08/10/17 11:32	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/10/17 11:32	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		08/10/17 11:32	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		08/10/17 11:32	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		08/10/17 11:32	74-87-3	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		08/10/17 11:32	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		08/10/17 11:32	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		08/10/17 11:32	96-12-8	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		08/10/17 11:32	124-48-1	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		08/10/17 11:32	106-93-4	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		08/10/17 11:32	74-95-3	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/10/17 11:32	95-50-1	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/10/17 11:32	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/10/17 11:32	106-46-7	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		08/10/17 11:32	75-71-8	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		08/10/17 11:32	75-34-3	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		08/10/17 11:32	107-06-2	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		08/10/17 11:32	75-35-4	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		08/10/17 11:32	156-59-2	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		08/10/17 11:32	156-60-5	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		08/10/17 11:32	78-87-5	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		08/10/17 11:32	142-28-9	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		08/10/17 11:32	594-20-7	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		08/10/17 11:32	563-58-6	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		08/10/17 11:32	10061-01-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		08/10/17 11:32	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		08/10/17 11:32	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/10/17 11:32	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		08/10/17 11:32	87-68-3	
Isopropylbenzene (Cumene)	**<0.14**	ug/L	1.0	0.14	1		08/10/17 11:32	98-82-8	
p-Isopropyltoluene	**<0.50**	ug/L	1.0	0.50	1		08/10/17 11:32	99-87-6	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		08/10/17 11:32	75-09-2	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		08/10/17 11:32	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		08/10/17 11:32	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/10/17 11:32	103-65-1	
Styrene	**<0.50**	ug/L	1.0	0.50	1		08/10/17 11:32	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		08/10/17 11:32	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.25**	ug/L	1.0	0.25	1		08/10/17 11:32	79-34-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		08/10/17 11:32	127-18-4	
Toluene	**<0.50**	ug/L	1.0	0.50	1		08/10/17 11:32	108-88-3	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		08/10/17 11:32	87-61-6	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		08/10/17 11:32	120-82-1	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		08/10/17 11:32	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		08/10/17 11:32	79-00-5	

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ANALYTICAL RESULTS

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154392

Sample: SB-45-S **Lab ID: 40154392002** Collected: 08/02/17 08:20 Received: 08/03/17 09:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		08/10/17 11:32	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		08/10/17 11:32	75-69-4	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		08/10/17 11:32	96-18-4	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/10/17 11:32	95-63-6	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/10/17 11:32	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		08/10/17 11:32	75-01-4	
m&p-Xylene	**<1.0**	ug/L	2.0	1.0	1		08/10/17 11:32	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		08/10/17 11:32	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	94	%	61-130		1		08/10/17 11:32	460-00-4	
Dibromofluoromethane (S)	104	%	67-130		1		08/10/17 11:32	1868-53-7	
Toluene-d8 (S)	101	%	70-130		1		08/10/17 11:32	2037-26-5	

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ANALYTICAL RESULTS

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154392

Sample: SB-46-S **Lab ID: 40154392003** Collected: 08/02/17 09:00 Received: 08/03/17 09:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**<8.3**	ug/L	25.0	8.3	1	08/10/17 10:20	08/11/17 10:17	7440-38-2	
Barium	**175**	ug/L	5.0	1.5	1	08/10/17 10:20	08/11/17 10:17	7440-39-3	
Cadmium	**<1.3**	ug/L	5.0	1.3	1	08/10/17 10:20	08/11/17 10:17	7440-43-9	
Chromium	**9.0J**	ug/L	10.0	2.5	1	08/10/17 10:20	08/11/17 10:17	7440-47-3	
Lead	**38.2**	ug/L	13.0	4.3	1	08/10/17 10:20	08/11/17 10:17	7439-92-1	
Selenium	**<16.6**	ug/L	50.0	16.6	1	08/10/17 10:20	08/11/17 10:17	7782-49-2	
Silver	**<3.3**	ug/L	10.0	3.3	1	08/10/17 10:20	08/11/17 10:17	7440-22-4	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**<0.13**	ug/L	0.42	0.13	1	08/14/17 10:55	08/15/17 09:51	7439-97-6	
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510								
1,2,4-Trichlorobenzene	**<1.9**	ug/L	6.4	1.9	1	08/07/17 08:15	08/14/17 14:43	120-82-1	
1,2-Dichlorobenzene	**<1.8**	ug/L	6.1	1.8	1	08/07/17 08:15	08/14/17 14:43	95-50-1	
1,3-Dichlorobenzene	**<1.8**	ug/L	5.9	1.8	1	08/07/17 08:15	08/14/17 14:43	541-73-1	
1,4-Dichlorobenzene	**<1.8**	ug/L	5.9	1.8	1	08/07/17 08:15	08/14/17 14:43	106-46-7	
2,2'-Oxybis(1-chloropropane)	**<1.4**	ug/L	4.8	1.4	1	08/07/17 08:15	08/14/17 14:43	108-60-1	
2,4,5-Trichlorophenol	**<0.79**	ug/L	2.6	0.79	1	08/07/17 08:15	08/14/17 14:43	95-95-4	
2,4,6-Trichlorophenol	**<2.0**	ug/L	6.6	2.0	1	08/07/17 08:15	08/14/17 14:43	88-06-2	
2,4-Dichlorophenol	**<1.3**	ug/L	4.3	1.3	1	08/07/17 08:15	08/14/17 14:43	120-83-2	
2,4-Dimethylphenol	**<1.2**	ug/L	4.0	1.2	1	08/07/17 08:15	08/14/17 14:43	105-67-9	
2,4-Dinitrophenol	**<0.67**	ug/L	2.2	0.67	1	08/07/17 08:15	08/14/17 14:43	51-28-5	
2,4-Dinitrotoluene	**<0.75**	ug/L	2.5	0.75	1	08/07/17 08:15	08/14/17 14:43	121-14-2	
2,6-Dinitrotoluene	**<0.57**	ug/L	1.9	0.57	1	08/07/17 08:15	08/14/17 14:43	606-20-2	
2-Chloronaphthalene	**<1.6**	ug/L	5.2	1.6	1	08/07/17 08:15	08/14/17 14:43	91-58-7	
2-Chlorophenol	**<1.1**	ug/L	3.6	1.1	1	08/07/17 08:15	08/14/17 14:43	95-57-8	
2-Methylnaphthalene	**<1.4**	ug/L	4.8	1.4	1	08/07/17 08:15	08/14/17 14:43	91-57-6	
2-Methylphenol(o-Cresol)	**<0.82**	ug/L	2.7	0.82	1	08/07/17 08:15	08/14/17 14:43	95-48-7	
2-Nitroaniline	**<0.73**	ug/L	2.4	0.73	1	08/07/17 08:15	08/14/17 14:43	88-74-4	
2-Nitrophenol	**<1.1**	ug/L	3.7	1.1	1	08/07/17 08:15	08/14/17 14:43	88-75-5	
3&4-Methylphenol(m&p Cresol)	**<1.5**	ug/L	4.9	1.5	1	08/07/17 08:15	08/14/17 14:43		
3,3'-Dichlorobenzidine	**<0.85**	ug/L	2.8	0.85	1	08/07/17 08:15	08/14/17 14:43	91-94-1	
3-Nitroaniline	**<0.91**	ug/L	3.0	0.91	1	08/07/17 08:15	08/14/17 14:43	99-09-2	
4,6-Dinitro-2-methylphenol	**<0.62**	ug/L	2.1	0.62	1	08/07/17 08:15	08/14/17 14:43	534-52-1	
4-Bromophenylphenyl ether	**<1.9**	ug/L	6.2	1.9	1	08/07/17 08:15	08/14/17 14:43	101-55-3	
4-Chloro-3-methylphenol	**<1.6**	ug/L	5.3	1.6	1	08/07/17 08:15	08/14/17 14:43	59-50-7	
4-Chloroaniline	**<1.0**	ug/L	3.4	1.0	1	08/07/17 08:15	08/14/17 14:43	106-47-8	
4-Chlorophenylphenyl ether	**<0.77**	ug/L	2.6	0.77	1	08/07/17 08:15	08/14/17 14:43	7005-72-3	
4-Nitroaniline	**<1.7**	ug/L	5.8	1.7	1	08/07/17 08:15	08/14/17 14:43	100-01-6	
4-Nitrophenol	**<0.99**	ug/L	3.3	0.99	1	08/07/17 08:15	08/14/17 14:43	100-02-7	
Acenaphthene	**<1.3**	ug/L	4.2	1.3	1	08/07/17 08:15	08/14/17 14:43	83-32-9	
Acenaphthylene	**<1.0**	ug/L	3.3	1.0	1	08/07/17 08:15	08/14/17 14:43	208-96-8	
Anthracene	**<1.7**	ug/L	5.7	1.7	1	08/07/17 08:15	08/14/17 14:43	120-12-7	
Benzo(a)anthracene	**<0.50**	ug/L	1.7	0.50	1	08/07/17 08:15	08/14/17 14:43	56-55-3	
Benzo(a)pyrene	**<1.8**	ug/L	5.9	1.8	1	08/07/17 08:15	08/14/17 14:43	50-32-8	
Benzo(b)fluoranthene	**0.64J**	ug/L	2.1	0.62	1	08/07/17 08:15	08/14/17 14:43	205-99-2	

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ANALYTICAL RESULTS

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154392

Sample: SB-46-S **Lab ID: 40154392003** Collected: 08/02/17 09:00 Received: 08/03/17 09:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510								
Benzo(g,h,i)perylene	**0.81J**	ug/L	2.5	0.76	1	08/07/17 08:15	08/14/17 14:43	191-24-2	
Benzo(k)fluoranthene	**<0.95**	ug/L	3.2	0.95	1	08/07/17 08:15	08/14/17 14:43	207-08-9	
Butylbenzylphthalate	**<0.73**	ug/L	2.4	0.73	1	08/07/17 08:15	08/14/17 14:43	85-68-7	
Carbazole	**<0.71**	ug/L	2.4	0.71	1	08/07/17 08:15	08/14/17 14:43	86-74-8	
Chrysene	**<1.6**	ug/L	5.5	1.6	1	08/07/17 08:15	08/14/17 14:43	218-01-9	
Di-n-butylphthalate	**<2.4**	ug/L	8.1	2.4	1	08/07/17 08:15	08/14/17 14:43	84-74-2	
Di-n-octylphthalate	**<1.8**	ug/L	6.0	1.8	1	08/07/17 08:15	08/14/17 14:43	117-84-0	
Dibenz(a,h)anthracene	**<1.2**	ug/L	4.2	1.2	1	08/07/17 08:15	08/14/17 14:43	53-70-3	
Dibenzofuran	**<0.72**	ug/L	2.4	0.72	1	08/07/17 08:15	08/14/17 14:43	132-64-9	
Diethylphthalate	**<1.0**	ug/L	3.4	1.0	1	08/07/17 08:15	08/14/17 14:43	84-66-2	
Dimethylphthalate	**<1.8**	ug/L	6.1	1.8	1	08/07/17 08:15	08/14/17 14:43	131-11-3	
Fluoranthene	**0.58J**	ug/L	1.8	0.53	1	08/07/17 08:15	08/14/17 14:43	206-44-0	
Fluorene	**<0.71**	ug/L	2.4	0.71	1	08/07/17 08:15	08/14/17 14:43	86-73-7	
Hexachloro-1,3-butadiene	**<2.3**	ug/L	7.7	2.3	1	08/07/17 08:15	08/14/17 14:43	87-68-3	
Hexachlorobenzene	**<1.6**	ug/L	5.3	1.6	1	08/07/17 08:15	08/14/17 14:43	118-74-1	
Hexachlorocyclopentadiene	**<0.64**	ug/L	2.1	0.64	1	08/07/17 08:15	08/14/17 14:43	77-47-4	
Hexachloroethane	**<2.5**	ug/L	8.4	2.5	1	08/07/17 08:15	08/14/17 14:43	67-72-1	
Indeno(1,2,3-cd)pyrene	**<1.4**	ug/L	4.7	1.4	1	08/07/17 08:15	08/14/17 14:43	193-39-5	
Isophorone	**<0.69**	ug/L	2.3	0.69	1	08/07/17 08:15	08/14/17 14:43	78-59-1	
N-Nitroso-di-n-propylamine	**<0.92**	ug/L	3.1	0.92	1	08/07/17 08:15	08/14/17 14:43	621-64-7	
N-Nitrosodiphenylamine	**<3.3**	ug/L	11.1	3.3	1	08/07/17 08:15	08/14/17 14:43	86-30-6	
Naphthalene	**<1.8**	ug/L	6.0	1.8	1	08/07/17 08:15	08/14/17 14:43	91-20-3	
Nitrobenzene	**<1.4**	ug/L	4.6	1.4	1	08/07/17 08:15	08/14/17 14:43	98-95-3	
Pentachlorophenol	**<1.4**	ug/L	4.5	1.4	1	08/07/17 08:15	08/14/17 14:43	87-86-5	
Phenanthrene	**<1.7**	ug/L	5.7	1.7	1	08/07/17 08:15	08/14/17 14:43	85-01-8	
Phenol	**<0.57**	ug/L	1.9	0.57	1	08/07/17 08:15	08/14/17 14:43	108-95-2	
Pyrene	**<1.3**	ug/L	4.2	1.3	1	08/07/17 08:15	08/14/17 14:43	129-00-0	
bis(2-Chloroethoxy)methane	**<0.94**	ug/L	3.1	0.94	1	08/07/17 08:15	08/14/17 14:43	111-91-1	
bis(2-Chloroethyl) ether	**<1.5**	ug/L	5.0	1.5	1	08/07/17 08:15	08/14/17 14:43	111-44-4	
bis(2-Ethylhexyl)phthalate	**<0.65**	ug/L	2.2	0.65	1	08/07/17 08:15	08/14/17 14:43	117-81-7	
Surrogates									
Nitrobenzene-d5 (S)	81	%	53-100		1	08/07/17 08:15	08/14/17 14:43	4165-60-0	
2-Fluorobiphenyl (S)	72	%	59-109		1	08/07/17 08:15	08/14/17 14:43	321-60-8	
Terphenyl-d14 (S)	90	%	59-108		1	08/07/17 08:15	08/14/17 14:43	1718-51-0	
Phenol-d6 (S)	26	%	18-120		1	08/07/17 08:15	08/14/17 14:43	13127-88-3	
2-Fluorophenol (S)	37	%	27-67		1	08/07/17 08:15	08/14/17 14:43	367-12-4	
2,4,6-Tribromophenol (S)	77	%	65-140		1	08/07/17 08:15	08/14/17 14:43	118-79-6	
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<0.50**	ug/L	1.0	0.50	1		08/10/17 11:55	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		08/10/17 11:55	108-86-1	
Bromochloromethane	**<0.34**	ug/L	1.0	0.34	1		08/10/17 11:55	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		08/10/17 11:55	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		08/10/17 11:55	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		08/10/17 11:55	74-83-9	
n-Butylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/10/17 11:55	104-51-8	

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ANALYTICAL RESULTS

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154392

Sample: SB-46-S **Lab ID: 40154392003** Collected: 08/02/17 09:00 Received: 08/03/17 09:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		08/10/17 11:55	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		08/10/17 11:55	98-06-6	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		08/10/17 11:55	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/10/17 11:55	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		08/10/17 11:55	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		08/10/17 11:55	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		08/10/17 11:55	74-87-3	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		08/10/17 11:55	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		08/10/17 11:55	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		08/10/17 11:55	96-12-8	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		08/10/17 11:55	124-48-1	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		08/10/17 11:55	106-93-4	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		08/10/17 11:55	74-95-3	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/10/17 11:55	95-50-1	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/10/17 11:55	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/10/17 11:55	106-46-7	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		08/10/17 11:55	75-71-8	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		08/10/17 11:55	75-34-3	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		08/10/17 11:55	107-06-2	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		08/10/17 11:55	75-35-4	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		08/10/17 11:55	156-59-2	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		08/10/17 11:55	156-60-5	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		08/10/17 11:55	78-87-5	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		08/10/17 11:55	142-28-9	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		08/10/17 11:55	594-20-7	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		08/10/17 11:55	563-58-6	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		08/10/17 11:55	10061-01-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		08/10/17 11:55	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		08/10/17 11:55	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/10/17 11:55	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		08/10/17 11:55	87-68-3	
Isopropylbenzene (Cumene)	**<0.14**	ug/L	1.0	0.14	1		08/10/17 11:55	98-82-8	
p-Isopropyltoluene	**<0.50**	ug/L	1.0	0.50	1		08/10/17 11:55	99-87-6	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		08/10/17 11:55	75-09-2	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		08/10/17 11:55	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		08/10/17 11:55	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/10/17 11:55	103-65-1	
Styrene	**<0.50**	ug/L	1.0	0.50	1		08/10/17 11:55	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		08/10/17 11:55	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.25**	ug/L	1.0	0.25	1		08/10/17 11:55	79-34-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		08/10/17 11:55	127-18-4	
Toluene	**<0.50**	ug/L	1.0	0.50	1		08/10/17 11:55	108-88-3	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		08/10/17 11:55	87-61-6	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		08/10/17 11:55	120-82-1	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		08/10/17 11:55	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		08/10/17 11:55	79-00-5	

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ANALYTICAL RESULTS

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154392

Sample: SB-46-S **Lab ID: 40154392003** Collected: 08/02/17 09:00 Received: 08/03/17 09:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		08/10/17 11:55	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		08/10/17 11:55	75-69-4	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		08/10/17 11:55	96-18-4	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/10/17 11:55	95-63-6	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/10/17 11:55	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		08/10/17 11:55	75-01-4	
m&p-Xylene	**<1.0**	ug/L	2.0	1.0	1		08/10/17 11:55	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		08/10/17 11:55	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	95	%	61-130		1		08/10/17 11:55	460-00-4	
Dibromofluoromethane (S)	104	%	67-130		1		08/10/17 11:55	1868-53-7	
Toluene-d8 (S)	101	%	70-130		1		08/10/17 11:55	2037-26-5	

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ANALYTICAL RESULTS

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154392

Sample: SB-9-S **Lab ID: 40154392004** Collected: 08/02/17 09:45 Received: 08/03/17 09:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Lead	**441**	ug/L	26.0	8.7	2	08/10/17 10:20	08/11/17 11:15	7439-92-1	
8270 MSSV PAH by HVI	Analytical Method: EPA 8270 by HVI Preparation Method: EPA 3510								
Acenaphthene	**0.26**	ug/L	0.071	0.014	2	08/08/17 08:32	08/09/17 13:38	83-32-9	
Acenaphthylene	**0.15**	ug/L	0.058	0.012	2	08/08/17 08:32	08/09/17 13:38	208-96-8	
Anthracene	**<0.024**	ug/L	0.12	0.024	2	08/08/17 08:32	08/09/17 13:38	120-12-7	
Benzo(a)anthracene	**<0.018**	ug/L	0.088	0.018	2	08/08/17 08:32	08/09/17 13:38	56-55-3	
Benzo(a)pyrene	**<0.024**	ug/L	0.12	0.024	2	08/08/17 08:32	08/09/17 13:38	50-32-8	
Benzo(b)fluoranthene	**<0.013**	ug/L	0.067	0.013	2	08/08/17 08:32	08/09/17 13:38	205-99-2	
Benzo(g,h,i)perylene	**<0.016**	ug/L	0.079	0.016	2	08/08/17 08:32	08/09/17 13:38	191-24-2	
Benzo(k)fluoranthene	**<0.018**	ug/L	0.088	0.018	2	08/08/17 08:32	08/09/17 13:38	207-08-9	
Chrysene	**0.044J**	ug/L	0.15	0.030	2	08/08/17 08:32	08/09/17 13:38	218-01-9	
Dibenz(a,h)anthracene	**<0.023**	ug/L	0.12	0.023	2	08/08/17 08:32	08/09/17 13:38	53-70-3	
Fluoranthene	**0.050J**	ug/L	0.12	0.025	2	08/08/17 08:32	08/09/17 13:38	206-44-0	
Fluorene	**0.49**	ug/L	0.093	0.019	2	08/08/17 08:32	08/09/17 13:38	86-73-7	
Indeno(1,2,3-cd)pyrene	**<0.041**	ug/L	0.21	0.041	2	08/08/17 08:32	08/09/17 13:38	193-39-5	
1-Methylnaphthalene	**14.1**	ug/L	0.069	0.014	2	08/08/17 08:32	08/09/17 13:38	90-12-0	
2-Methylnaphthalene	**17.1**	ug/L	0.057	0.011	2	08/08/17 08:32	08/09/17 13:38	91-57-6	
Naphthalene	**16.6**	ug/L	0.21	0.043	2	08/08/17 08:32	08/09/17 13:38	91-20-3	
Phenanthrene	**0.80**	ug/L	0.16	0.032	2	08/08/17 08:32	08/09/17 13:38	85-01-8	
Pyrene	**0.042J**	ug/L	0.089	0.018	2	08/08/17 08:32	08/09/17 13:38	129-00-0	B
Surrogates									
2-Fluorobiphenyl (S)	36	%	35-84		2	08/08/17 08:32	08/09/17 13:38	321-60-8	
Terphenyl-d14 (S)	21	%	10-129		2	08/08/17 08:32	08/09/17 13:38	1718-51-0	
8260 MSV	Analytical Method: EPA 8260								
Benzene	**51.9**	ug/L	1.0	0.50	1		08/09/17 01:48	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		08/09/17 01:48	108-86-1	
Bromochloromethane	**<0.34**	ug/L	1.0	0.34	1		08/09/17 01:48	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		08/09/17 01:48	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		08/09/17 01:48	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		08/09/17 01:48	74-83-9	
n-Butylbenzene	**7.5**	ug/L	1.0	0.50	1		08/09/17 01:48	104-51-8	
sec-Butylbenzene	**6.9**	ug/L	5.0	2.2	1		08/09/17 01:48	135-98-8	
tert-Butylbenzene	**1.1**	ug/L	1.0	0.18	1		08/09/17 01:48	98-06-6	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		08/09/17 01:48	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/09/17 01:48	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		08/09/17 01:48	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		08/09/17 01:48	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		08/09/17 01:48	74-87-3	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		08/09/17 01:48	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		08/09/17 01:48	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		08/09/17 01:48	96-12-8	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		08/09/17 01:48	124-48-1	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		08/09/17 01:48	106-93-4	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		08/09/17 01:48	74-95-3	

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ANALYTICAL RESULTS

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154392

Sample: SB-9-S **Lab ID: 40154392004** Collected: 08/02/17 09:45 Received: 08/03/17 09:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,2-Dichlorobenzene	**1.0**	ug/L	1.0	0.50	1		08/09/17 01:48	95-50-1	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/09/17 01:48	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/09/17 01:48	106-46-7	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		08/09/17 01:48	75-71-8	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		08/09/17 01:48	75-34-3	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		08/09/17 01:48	107-06-2	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		08/09/17 01:48	75-35-4	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		08/09/17 01:48	156-59-2	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		08/09/17 01:48	156-60-5	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		08/09/17 01:48	78-87-5	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		08/09/17 01:48	142-28-9	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		08/09/17 01:48	594-20-7	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		08/09/17 01:48	563-58-6	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		08/09/17 01:48	10061-01-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		08/09/17 01:48	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		08/09/17 01:48	108-20-3	
Ethylbenzene	**2.5**	ug/L	1.0	0.50	1		08/09/17 01:48	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		08/09/17 01:48	87-68-3	
Isopropylbenzene (Cumene)	**7.8**	ug/L	1.0	0.14	1		08/09/17 01:48	98-82-8	
p-Isopropyltoluene	**3.2**	ug/L	1.0	0.50	1		08/09/17 01:48	99-87-6	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		08/09/17 01:48	75-09-2	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		08/09/17 01:48	1634-04-4	
Naphthalene	**45.2**	ug/L	5.0	2.5	1		08/09/17 01:48	91-20-3	
n-Propylbenzene	**15.3**	ug/L	1.0	0.50	1		08/09/17 01:48	103-65-1	
Styrene	**<0.50**	ug/L	1.0	0.50	1		08/09/17 01:48	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		08/09/17 01:48	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.25**	ug/L	1.0	0.25	1		08/09/17 01:48	79-34-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		08/09/17 01:48	127-18-4	
Toluene	**2.8**	ug/L	1.0	0.50	1		08/09/17 01:48	108-88-3	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		08/09/17 01:48	87-61-6	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		08/09/17 01:48	120-82-1	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		08/09/17 01:48	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		08/09/17 01:48	79-00-5	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		08/09/17 01:48	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		08/09/17 01:48	75-69-4	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		08/09/17 01:48	96-18-4	
1,2,4-Trimethylbenzene	**2.3**	ug/L	1.0	0.50	1		08/09/17 01:48	95-63-6	
1,3,5-Trimethylbenzene	**8.9**	ug/L	1.0	0.50	1		08/09/17 01:48	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		08/09/17 01:48	75-01-4	
m&p-Xylene	**3.9**	ug/L	2.0	1.0	1		08/09/17 01:48	179601-23-1	
o-Xylene	**4.9**	ug/L	1.0	0.50	1		08/09/17 01:48	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	93	%	61-130		1		08/09/17 01:48	460-00-4	
Dibromofluoromethane (S)	96	%	67-130		1		08/09/17 01:48	1868-53-7	
Toluene-d8 (S)	97	%	70-130		1		08/09/17 01:48	2037-26-5	

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ANALYTICAL RESULTS

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154392

Sample: SB-41-S **Lab ID: 40154392005** Collected: 08/02/17 10:20 Received: 08/03/17 09:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**23.3J**	ug/L	25.0	8.3	1	08/10/17 10:20	08/11/17 10:22	7440-38-2	
Barium	**322**	ug/L	5.0	1.5	1	08/10/17 10:20	08/11/17 10:22	7440-39-3	
Cadmium	**1.9J**	ug/L	5.0	1.3	1	08/10/17 10:20	08/11/17 10:22	7440-43-9	
Chromium	**122**	ug/L	10.0	2.5	1	08/10/17 10:20	08/11/17 10:22	7440-47-3	
Lead	**121**	ug/L	13.0	4.3	1	08/10/17 10:20	08/11/17 10:22	7439-92-1	
Selenium	**<16.6**	ug/L	50.0	16.6	1	08/10/17 10:20	08/11/17 10:22	7782-49-2	
Silver	**<3.3**	ug/L	10.0	3.3	1	08/10/17 10:20	08/11/17 10:22	7440-22-4	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**<0.13**	ug/L	0.42	0.13	1	08/14/17 10:55	08/15/17 09:54	7439-97-6	
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510								
1,2,4-Trichlorobenzene	**<1.9**	ug/L	6.5	1.9	1	08/09/17 08:14	08/09/17 18:10	120-82-1	
1,2-Dichlorobenzene	**<1.8**	ug/L	6.1	1.8	1	08/09/17 08:14	08/09/17 18:10	95-50-1	
1,3-Dichlorobenzene	**<1.8**	ug/L	6.0	1.8	1	08/09/17 08:14	08/09/17 18:10	541-73-1	
1,4-Dichlorobenzene	**<1.8**	ug/L	6.0	1.8	1	08/09/17 08:14	08/09/17 18:10	106-46-7	
2,2'-Oxybis(1-chloropropane)	**<1.5**	ug/L	4.8	1.5	1	08/09/17 08:14	08/09/17 18:10	108-60-1	
2,4,5-Trichlorophenol	**<0.80**	ug/L	2.7	0.80	1	08/09/17 08:14	08/09/17 18:10	95-95-4	
2,4,6-Trichlorophenol	**<2.0**	ug/L	6.7	2.0	1	08/09/17 08:14	08/09/17 18:10	88-06-2	
2,4-Dichlorophenol	**<1.3**	ug/L	4.3	1.3	1	08/09/17 08:14	08/09/17 18:10	120-83-2	
2,4-Dimethylphenol	**<1.2**	ug/L	4.0	1.2	1	08/09/17 08:14	08/09/17 18:10	105-67-9	
2,4-Dinitrophenol	**<0.68**	ug/L	2.3	0.68	1	08/09/17 08:14	08/09/17 18:10	51-28-5	
2,4-Dinitrotoluene	**<0.75**	ug/L	2.5	0.75	1	08/09/17 08:14	08/09/17 18:10	121-14-2	
2,6-Dinitrotoluene	**<0.57**	ug/L	1.9	0.57	1	08/09/17 08:14	08/09/17 18:10	606-20-2	
2-Chloronaphthalene	**<1.6**	ug/L	5.2	1.6	1	08/09/17 08:14	08/09/17 18:10	91-58-7	
2-Chlorophenol	**<1.1**	ug/L	3.7	1.1	1	08/09/17 08:14	08/09/17 18:10	95-57-8	
2-Methylnaphthalene	**<1.4**	ug/L	4.8	1.4	1	08/09/17 08:14	08/09/17 18:10	91-57-6	
2-Methylphenol(o-Cresol)	**<0.83**	ug/L	2.8	0.83	1	08/09/17 08:14	08/09/17 18:10	95-48-7	
2-Nitroaniline	**<0.74**	ug/L	2.5	0.74	1	08/09/17 08:14	08/09/17 18:10	88-74-4	
2-Nitrophenol	**<1.1**	ug/L	3.7	1.1	1	08/09/17 08:14	08/09/17 18:10	88-75-5	
3&4-Methylphenol(m&p Cresol)	**<1.5**	ug/L	5.0	1.5	1	08/09/17 08:14	08/09/17 18:10		
3,3'-Dichlorobenzidine	**<0.86**	ug/L	2.9	0.86	1	08/09/17 08:14	08/09/17 18:10	91-94-1	
3-Nitroaniline	**<0.92**	ug/L	3.1	0.92	1	08/09/17 08:14	08/09/17 18:10	99-09-2	
4,6-Dinitro-2-methylphenol	**<0.62**	ug/L	2.1	0.62	1	08/09/17 08:14	08/09/17 18:10	534-52-1	
4-Bromophenylphenyl ether	**<1.9**	ug/L	6.3	1.9	1	08/09/17 08:14	08/09/17 18:10	101-55-3	
4-Chloro-3-methylphenol	**<1.6**	ug/L	5.4	1.6	1	08/09/17 08:14	08/09/17 18:10	59-50-7	
4-Chloroaniline	**<1.0**	ug/L	3.5	1.0	1	08/09/17 08:14	08/09/17 18:10	106-47-8	
4-Chlorophenylphenyl ether	**<0.78**	ug/L	2.6	0.78	1	08/09/17 08:14	08/09/17 18:10	7005-72-3	
4-Nitroaniline	**<1.7**	ug/L	5.8	1.7	1	08/09/17 08:14	08/09/17 18:10	100-01-6	
4-Nitrophenol	**<1.0**	ug/L	3.3	1.0	1	08/09/17 08:14	08/09/17 18:10	100-02-7	
Acenaphthene	**<1.3**	ug/L	4.3	1.3	1	08/09/17 08:14	08/09/17 18:10	83-32-9	
Acenaphthylene	**<1.0**	ug/L	3.4	1.0	1	08/09/17 08:14	08/09/17 18:10	208-96-8	
Anthracene	**<1.7**	ug/L	5.7	1.7	1	08/09/17 08:14	08/09/17 18:10	120-12-7	
Benzo(a)anthracene	**<0.51**	ug/L	1.7	0.51	1	08/09/17 08:14	08/09/17 18:10	56-55-3	
Benzo(a)pyrene	**<1.8**	ug/L	6.0	1.8	1	08/09/17 08:14	08/09/17 18:10	50-32-8	
Benzo(b)fluoranthene	**<0.62**	ug/L	2.1	0.62	1	08/09/17 08:14	08/09/17 18:10	205-99-2	

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ANALYTICAL RESULTS

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154392

Sample: SB-41-S **Lab ID: 40154392005** Collected: 08/02/17 10:20 Received: 08/03/17 09:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510								
Benzo(g,h,i)perylene	**<0.77**	ug/L	2.6	0.77	1	08/09/17 08:14	08/09/17 18:10	191-24-2	
Benzo(k)fluoranthene	**<0.95**	ug/L	3.2	0.95	1	08/09/17 08:14	08/09/17 18:10	207-08-9	
Butylbenzylphthalate	**<0.74**	ug/L	2.5	0.74	1	08/09/17 08:14	08/09/17 18:10	85-68-7	
Carbazole	**<0.71**	ug/L	2.4	0.71	1	08/09/17 08:14	08/09/17 18:10	86-74-8	
Chrysene	**<1.7**	ug/L	5.5	1.7	1	08/09/17 08:14	08/09/17 18:10	218-01-9	
Di-n-butylphthalate	**<2.4**	ug/L	8.1	2.4	1	08/09/17 08:14	08/09/17 18:10	84-74-2	
Di-n-octylphthalate	**<1.8**	ug/L	6.0	1.8	1	08/09/17 08:14	08/09/17 18:10	117-84-0	
Dibenz(a,h)anthracene	**<1.3**	ug/L	4.2	1.3	1	08/09/17 08:14	08/09/17 18:10	53-70-3	
Dibenzofuran	**<0.73**	ug/L	2.4	0.73	1	08/09/17 08:14	08/09/17 18:10	132-64-9	
Diethylphthalate	**<1.0**	ug/L	3.4	1.0	1	08/09/17 08:14	08/09/17 18:10	84-66-2	
Dimethylphthalate	**<1.8**	ug/L	6.1	1.8	1	08/09/17 08:14	08/09/17 18:10	131-11-3	
Fluoranthene	**<0.54**	ug/L	1.8	0.54	1	08/09/17 08:14	08/09/17 18:10	206-44-0	
Fluorene	**<0.71**	ug/L	2.4	0.71	1	08/09/17 08:14	08/09/17 18:10	86-73-7	
Hexachloro-1,3-butadiene	**<2.3**	ug/L	7.8	2.3	1	08/09/17 08:14	08/09/17 18:10	87-68-3	
Hexachlorobenzene	**<1.6**	ug/L	5.4	1.6	1	08/09/17 08:14	08/09/17 18:10	118-74-1	
Hexachlorocyclopentadiene	**<0.65**	ug/L	2.2	0.65	1	08/09/17 08:14	08/09/17 18:10	77-47-4	
Hexachloroethane	**<2.5**	ug/L	8.4	2.5	1	08/09/17 08:14	08/09/17 18:10	67-72-1	
Indeno(1,2,3-cd)pyrene	**<1.4**	ug/L	4.8	1.4	1	08/09/17 08:14	08/09/17 18:10	193-39-5	
Isophorone	**<0.70**	ug/L	2.3	0.70	1	08/09/17 08:14	08/09/17 18:10	78-59-1	
N-Nitroso-di-n-propylamine	**<0.92**	ug/L	3.1	0.92	1	08/09/17 08:14	08/09/17 18:10	621-64-7	
N-Nitrosodiphenylamine	**<3.4**	ug/L	11.2	3.4	1	08/09/17 08:14	08/09/17 18:10	86-30-6	
Naphthalene	**<1.8**	ug/L	6.0	1.8	1	08/09/17 08:14	08/09/17 18:10	91-20-3	
Nitrobenzene	**<1.4**	ug/L	4.6	1.4	1	08/09/17 08:14	08/09/17 18:10	98-95-3	
Pentachlorophenol	**<1.4**	ug/L	4.6	1.4	1	08/09/17 08:14	08/09/17 18:10	87-86-5	
Phenanthrene	**<1.7**	ug/L	5.8	1.7	1	08/09/17 08:14	08/09/17 18:10	85-01-8	
Phenol	**<0.57**	ug/L	1.9	0.57	1	08/09/17 08:14	08/09/17 18:10	108-95-2	
Pyrene	**<1.3**	ug/L	4.3	1.3	1	08/09/17 08:14	08/09/17 18:10	129-00-0	
bis(2-Chloroethoxy)methane	**<0.95**	ug/L	3.2	0.95	1	08/09/17 08:14	08/09/17 18:10	111-91-1	
bis(2-Chloroethyl) ether	**<1.5**	ug/L	5.0	1.5	1	08/09/17 08:14	08/09/17 18:10	111-44-4	
bis(2-Ethylhexyl)phthalate	**1.5J**	ug/L	2.2	0.66	1	08/09/17 08:14	08/09/17 18:10	117-81-7	
Surrogates									
Nitrobenzene-d5 (S)	77	%	53-100		1	08/09/17 08:14	08/09/17 18:10	4165-60-0	
2-Fluorobiphenyl (S)	36	%	59-109		1	08/09/17 08:14	08/09/17 18:10	321-60-8	S0
Terphenyl-d14 (S)	78	%	59-108		1	08/09/17 08:14	08/09/17 18:10	1718-51-0	
Phenol-d6 (S)	31	%	18-120		1	08/09/17 08:14	08/09/17 18:10	13127-88-3	
2-Fluorophenol (S)	47	%	27-67		1	08/09/17 08:14	08/09/17 18:10	367-12-4	
2,4,6-Tribromophenol (S)	50	%	65-140		1	08/09/17 08:14	08/09/17 18:10	118-79-6	S0
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 09:51	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		08/08/17 09:51	108-86-1	
Bromochloromethane	**<0.34**	ug/L	1.0	0.34	1		08/08/17 09:51	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		08/08/17 09:51	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		08/08/17 09:51	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		08/08/17 09:51	74-83-9	
n-Butylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 09:51	104-51-8	

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1241 Bellevue Street - Suite 9
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(920)469-2436

ANALYTICAL RESULTS

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154392

Sample: SB-41-S **Lab ID: 40154392005** Collected: 08/02/17 10:20 Received: 08/03/17 09:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		08/08/17 09:51	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		08/08/17 09:51	98-06-6	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		08/08/17 09:51	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 09:51	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		08/08/17 09:51	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		08/08/17 09:51	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		08/08/17 09:51	74-87-3	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 09:51	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		08/08/17 09:51	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		08/08/17 09:51	96-12-8	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		08/08/17 09:51	124-48-1	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		08/08/17 09:51	106-93-4	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		08/08/17 09:51	74-95-3	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 09:51	95-50-1	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 09:51	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 09:51	106-46-7	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		08/08/17 09:51	75-71-8	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		08/08/17 09:51	75-34-3	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		08/08/17 09:51	107-06-2	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		08/08/17 09:51	75-35-4	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		08/08/17 09:51	156-59-2	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		08/08/17 09:51	156-60-5	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		08/08/17 09:51	78-87-5	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		08/08/17 09:51	142-28-9	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		08/08/17 09:51	594-20-7	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		08/08/17 09:51	563-58-6	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 09:51	10061-01-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		08/08/17 09:51	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		08/08/17 09:51	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 09:51	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		08/08/17 09:51	87-68-3	
Isopropylbenzene (Cumene)	**<0.14**	ug/L	1.0	0.14	1		08/08/17 09:51	98-82-8	
p-Isopropyltoluene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 09:51	99-87-6	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		08/08/17 09:51	75-09-2	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		08/08/17 09:51	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		08/08/17 09:51	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 09:51	103-65-1	
Styrene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 09:51	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		08/08/17 09:51	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.25**	ug/L	1.0	0.25	1		08/08/17 09:51	79-34-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 09:51	127-18-4	
Toluene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 09:51	108-88-3	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		08/08/17 09:51	87-61-6	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		08/08/17 09:51	120-82-1	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		08/08/17 09:51	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		08/08/17 09:51	79-00-5	

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ANALYTICAL RESULTS

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154392

Sample: SB-41-S **Lab ID: 40154392005** Collected: 08/02/17 10:20 Received: 08/03/17 09:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		08/08/17 09:51	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		08/08/17 09:51	75-69-4	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		08/08/17 09:51	96-18-4	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 09:51	95-63-6	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 09:51	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		08/08/17 09:51	75-01-4	
m&p-Xylene	**<1.0**	ug/L	2.0	1.0	1		08/08/17 09:51	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 09:51	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	86	%	61-130		1		08/08/17 09:51	460-00-4	
Dibromofluoromethane (S)	93	%	67-130		1		08/08/17 09:51	1868-53-7	
Toluene-d8 (S)	93	%	70-130		1		08/08/17 09:51	2037-26-5	

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ANALYTICAL RESULTS

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154392

Sample: SB-12-S **Lab ID: 40154392006** Collected: 08/02/17 11:00 Received: 08/03/17 09:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**81.2**	ug/L	25.0	8.3	1	08/10/17 10:20	08/11/17 10:25	7440-38-2	
Barium	**174**	ug/L	5.0	1.5	1	08/10/17 10:20	08/11/17 10:25	7440-39-3	
Cadmium	**<1.3**	ug/L	5.0	1.3	1	08/10/17 10:20	08/11/17 10:25	7440-43-9	
Chromium	**<2.5**	ug/L	10.0	2.5	1	08/10/17 10:20	08/11/17 10:25	7440-47-3	
Lead	**6.9J**	ug/L	13.0	4.3	1	08/10/17 10:20	08/11/17 10:25	7439-92-1	
Selenium	**<16.6**	ug/L	50.0	16.6	1	08/10/17 10:20	08/11/17 10:25	7782-49-2	
Silver	**<3.3**	ug/L	10.0	3.3	1	08/10/17 10:20	08/11/17 10:25	7440-22-4	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**<0.13**	ug/L	0.42	0.13	1	08/14/17 10:55	08/15/17 09:56	7439-97-6	
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510								
1,2,4-Trichlorobenzene	**<1.9**	ug/L	6.5	1.9	1	08/09/17 08:14	08/09/17 18:31	120-82-1	
1,2-Dichlorobenzene	**<1.8**	ug/L	6.1	1.8	1	08/09/17 08:14	08/09/17 18:31	95-50-1	
1,3-Dichlorobenzene	**<1.8**	ug/L	6.0	1.8	1	08/09/17 08:14	08/09/17 18:31	541-73-1	
1,4-Dichlorobenzene	**<1.8**	ug/L	6.0	1.8	1	08/09/17 08:14	08/09/17 18:31	106-46-7	
2,2'-Oxybis(1-chloropropane)	**<1.5**	ug/L	4.8	1.5	1	08/09/17 08:14	08/09/17 18:31	108-60-1	
2,4,5-Trichlorophenol	**<0.80**	ug/L	2.7	0.80	1	08/09/17 08:14	08/09/17 18:31	95-95-4	
2,4,6-Trichlorophenol	**<2.0**	ug/L	6.7	2.0	1	08/09/17 08:14	08/09/17 18:31	88-06-2	
2,4-Dichlorophenol	**<1.3**	ug/L	4.3	1.3	1	08/09/17 08:14	08/09/17 18:31	120-83-2	
2,4-Dimethylphenol	**<1.2**	ug/L	4.0	1.2	1	08/09/17 08:14	08/09/17 18:31	105-67-9	
2,4-Dinitrophenol	**<0.68**	ug/L	2.3	0.68	1	08/09/17 08:14	08/09/17 18:31	51-28-5	
2,4-Dinitrotoluene	**<0.75**	ug/L	2.5	0.75	1	08/09/17 08:14	08/09/17 18:31	121-14-2	
2,6-Dinitrotoluene	**<0.57**	ug/L	1.9	0.57	1	08/09/17 08:14	08/09/17 18:31	606-20-2	
2-Chloronaphthalene	**<1.6**	ug/L	5.2	1.6	1	08/09/17 08:14	08/09/17 18:31	91-58-7	
2-Chlorophenol	**<1.1**	ug/L	3.7	1.1	1	08/09/17 08:14	08/09/17 18:31	95-57-8	
2-Methylnaphthalene	**<1.4**	ug/L	4.8	1.4	1	08/09/17 08:14	08/09/17 18:31	91-57-6	
2-Methylphenol(o-Cresol)	**<0.83**	ug/L	2.8	0.83	1	08/09/17 08:14	08/09/17 18:31	95-48-7	
2-Nitroaniline	**<0.74**	ug/L	2.5	0.74	1	08/09/17 08:14	08/09/17 18:31	88-74-4	
2-Nitrophenol	**<1.1**	ug/L	3.7	1.1	1	08/09/17 08:14	08/09/17 18:31	88-75-5	
3&4-Methylphenol(m&p Cresol)	**<1.5**	ug/L	5.0	1.5	1	08/09/17 08:14	08/09/17 18:31		
3,3'-Dichlorobenzidine	**<0.86**	ug/L	2.9	0.86	1	08/09/17 08:14	08/09/17 18:31	91-94-1	
3-Nitroaniline	**<0.92**	ug/L	3.1	0.92	1	08/09/17 08:14	08/09/17 18:31	99-09-2	
4,6-Dinitro-2-methylphenol	**<0.62**	ug/L	2.1	0.62	1	08/09/17 08:14	08/09/17 18:31	534-52-1	
4-Bromophenylphenyl ether	**<1.9**	ug/L	6.3	1.9	1	08/09/17 08:14	08/09/17 18:31	101-55-3	
4-Chloro-3-methylphenol	**<1.6**	ug/L	5.4	1.6	1	08/09/17 08:14	08/09/17 18:31	59-50-7	
4-Chloroaniline	**<1.0**	ug/L	3.5	1.0	1	08/09/17 08:14	08/09/17 18:31	106-47-8	
4-Chlorophenylphenyl ether	**<0.78**	ug/L	2.6	0.78	1	08/09/17 08:14	08/09/17 18:31	7005-72-3	
4-Nitroaniline	**<1.7**	ug/L	5.8	1.7	1	08/09/17 08:14	08/09/17 18:31	100-01-6	
4-Nitrophenol	**<1.0**	ug/L	3.3	1.0	1	08/09/17 08:14	08/09/17 18:31	100-02-7	
Acenaphthene	**<1.3**	ug/L	4.3	1.3	1	08/09/17 08:14	08/09/17 18:31	83-32-9	
Acenaphthylene	**<1.0**	ug/L	3.4	1.0	1	08/09/17 08:14	08/09/17 18:31	208-96-8	
Anthracene	**<1.7**	ug/L	5.7	1.7	1	08/09/17 08:14	08/09/17 18:31	120-12-7	
Benzo(a)anthracene	**<0.51**	ug/L	1.7	0.51	1	08/09/17 08:14	08/09/17 18:31	56-55-3	
Benzo(a)pyrene	**<1.8**	ug/L	6.0	1.8	1	08/09/17 08:14	08/09/17 18:31	50-32-8	
Benzo(b)fluoranthene	**<0.62**	ug/L	2.1	0.62	1	08/09/17 08:14	08/09/17 18:31	205-99-2	

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ANALYTICAL RESULTS

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154392

Sample: SB-12-S **Lab ID: 40154392006** Collected: 08/02/17 11:00 Received: 08/03/17 09:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510								
Benzo(g,h,i)perylene	**0.91J**	ug/L	2.6	0.77	1	08/09/17 08:14	08/09/17 18:31	191-24-2	
Benzo(k)fluoranthene	**<0.95**	ug/L	3.2	0.95	1	08/09/17 08:14	08/09/17 18:31	207-08-9	
Butylbenzylphthalate	**<0.74**	ug/L	2.5	0.74	1	08/09/17 08:14	08/09/17 18:31	85-68-7	
Carbazole	**<0.71**	ug/L	2.4	0.71	1	08/09/17 08:14	08/09/17 18:31	86-74-8	
Chrysene	**<1.7**	ug/L	5.5	1.7	1	08/09/17 08:14	08/09/17 18:31	218-01-9	
Di-n-butylphthalate	**<2.4**	ug/L	8.1	2.4	1	08/09/17 08:14	08/09/17 18:31	84-74-2	
Di-n-octylphthalate	**<1.8**	ug/L	6.0	1.8	1	08/09/17 08:14	08/09/17 18:31	117-84-0	
Dibenz(a,h)anthracene	**<1.3**	ug/L	4.2	1.3	1	08/09/17 08:14	08/09/17 18:31	53-70-3	
Dibenzofuran	**<0.73**	ug/L	2.4	0.73	1	08/09/17 08:14	08/09/17 18:31	132-64-9	
Diethylphthalate	**<1.0**	ug/L	3.4	1.0	1	08/09/17 08:14	08/09/17 18:31	84-66-2	
Dimethylphthalate	**<1.8**	ug/L	6.1	1.8	1	08/09/17 08:14	08/09/17 18:31	131-11-3	
Fluoranthene	**<0.54**	ug/L	1.8	0.54	1	08/09/17 08:14	08/09/17 18:31	206-44-0	
Fluorene	**<0.71**	ug/L	2.4	0.71	1	08/09/17 08:14	08/09/17 18:31	86-73-7	
Hexachloro-1,3-butadiene	**<2.3**	ug/L	7.8	2.3	1	08/09/17 08:14	08/09/17 18:31	87-68-3	
Hexachlorobenzene	**<1.6**	ug/L	5.4	1.6	1	08/09/17 08:14	08/09/17 18:31	118-74-1	
Hexachlorocyclopentadiene	**<0.65**	ug/L	2.2	0.65	1	08/09/17 08:14	08/09/17 18:31	77-47-4	
Hexachloroethane	**<2.5**	ug/L	8.4	2.5	1	08/09/17 08:14	08/09/17 18:31	67-72-1	
Indeno(1,2,3-cd)pyrene	**<1.4**	ug/L	4.8	1.4	1	08/09/17 08:14	08/09/17 18:31	193-39-5	
Isophorone	**<0.70**	ug/L	2.3	0.70	1	08/09/17 08:14	08/09/17 18:31	78-59-1	
N-Nitroso-di-n-propylamine	**<0.92**	ug/L	3.1	0.92	1	08/09/17 08:14	08/09/17 18:31	621-64-7	
N-Nitrosodiphenylamine	**<3.4**	ug/L	11.2	3.4	1	08/09/17 08:14	08/09/17 18:31	86-30-6	
Naphthalene	**<1.8**	ug/L	6.0	1.8	1	08/09/17 08:14	08/09/17 18:31	91-20-3	
Nitrobenzene	**<1.4**	ug/L	4.6	1.4	1	08/09/17 08:14	08/09/17 18:31	98-95-3	
Pentachlorophenol	**<1.4**	ug/L	4.6	1.4	1	08/09/17 08:14	08/09/17 18:31	87-86-5	
Phenanthrene	**<1.7**	ug/L	5.8	1.7	1	08/09/17 08:14	08/09/17 18:31	85-01-8	
Phenol	**<0.57**	ug/L	1.9	0.57	1	08/09/17 08:14	08/09/17 18:31	108-95-2	
Pyrene	**<1.3**	ug/L	4.3	1.3	1	08/09/17 08:14	08/09/17 18:31	129-00-0	
bis(2-Chloroethoxy)methane	**<0.95**	ug/L	3.2	0.95	1	08/09/17 08:14	08/09/17 18:31	111-91-1	
bis(2-Chloroethyl) ether	**<1.5**	ug/L	5.0	1.5	1	08/09/17 08:14	08/09/17 18:31	111-44-4	
bis(2-Ethylhexyl)phthalate	**<0.66**	ug/L	2.2	0.66	1	08/09/17 08:14	08/09/17 18:31	117-81-7	
Surrogates									
Nitrobenzene-d5 (S)	89	%	53-100		1	08/09/17 08:14	08/09/17 18:31	4165-60-0	
2-Fluorobiphenyl (S)	83	%	59-109		1	08/09/17 08:14	08/09/17 18:31	321-60-8	
Terphenyl-d14 (S)	93	%	59-108		1	08/09/17 08:14	08/09/17 18:31	1718-51-0	
Phenol-d6 (S)	33	%	18-120		1	08/09/17 08:14	08/09/17 18:31	13127-88-3	
2-Fluorophenol (S)	54	%	27-67		1	08/09/17 08:14	08/09/17 18:31	367-12-4	
2,4,6-Tribromophenol (S)	100	%	65-140		1	08/09/17 08:14	08/09/17 18:31	118-79-6	
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 09:28	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		08/08/17 09:28	108-86-1	
Bromochloromethane	**<0.34**	ug/L	1.0	0.34	1		08/08/17 09:28	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		08/08/17 09:28	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		08/08/17 09:28	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		08/08/17 09:28	74-83-9	
n-Butylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 09:28	104-51-8	

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1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154392

Sample: SB-12-S **Lab ID: 40154392006** Collected: 08/02/17 11:00 Received: 08/03/17 09:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		08/08/17 09:28	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		08/08/17 09:28	98-06-6	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		08/08/17 09:28	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 09:28	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		08/08/17 09:28	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		08/08/17 09:28	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		08/08/17 09:28	74-87-3	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 09:28	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		08/08/17 09:28	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		08/08/17 09:28	96-12-8	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		08/08/17 09:28	124-48-1	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		08/08/17 09:28	106-93-4	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		08/08/17 09:28	74-95-3	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 09:28	95-50-1	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 09:28	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 09:28	106-46-7	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		08/08/17 09:28	75-71-8	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		08/08/17 09:28	75-34-3	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		08/08/17 09:28	107-06-2	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		08/08/17 09:28	75-35-4	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		08/08/17 09:28	156-59-2	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		08/08/17 09:28	156-60-5	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		08/08/17 09:28	78-87-5	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		08/08/17 09:28	142-28-9	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		08/08/17 09:28	594-20-7	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		08/08/17 09:28	563-58-6	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 09:28	10061-01-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		08/08/17 09:28	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		08/08/17 09:28	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 09:28	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		08/08/17 09:28	87-68-3	
Isopropylbenzene (Cumene)	**<0.14**	ug/L	1.0	0.14	1		08/08/17 09:28	98-82-8	
p-Isopropyltoluene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 09:28	99-87-6	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		08/08/17 09:28	75-09-2	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		08/08/17 09:28	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		08/08/17 09:28	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 09:28	103-65-1	
Styrene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 09:28	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		08/08/17 09:28	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.25**	ug/L	1.0	0.25	1		08/08/17 09:28	79-34-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 09:28	127-18-4	
Toluene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 09:28	108-88-3	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		08/08/17 09:28	87-61-6	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		08/08/17 09:28	120-82-1	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		08/08/17 09:28	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		08/08/17 09:28	79-00-5	

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ANALYTICAL RESULTS

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154392

Sample: SB-12-S **Lab ID: 40154392006** Collected: 08/02/17 11:00 Received: 08/03/17 09:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		08/08/17 09:28	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		08/08/17 09:28	75-69-4	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		08/08/17 09:28	96-18-4	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 09:28	95-63-6	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 09:28	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		08/08/17 09:28	75-01-4	
m&p-Xylene	**<1.0**	ug/L	2.0	1.0	1		08/08/17 09:28	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 09:28	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	87	%	61-130		1		08/08/17 09:28	460-00-4	
Dibromofluoromethane (S)	99	%	67-130		1		08/08/17 09:28	1868-53-7	
Toluene-d8 (S)	95	%	70-130		1		08/08/17 09:28	2037-26-5	

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ANALYTICAL RESULTS

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154392

Sample: SB-50 1-2 **Lab ID: 40154392007** Collected: 08/02/17 11:10 Received: 08/03/17 09:25 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB	Analytical Method: EPA 8082 Preparation Method: EPA 3541								
PCB-1016 (Aroclor 1016)	**<27.2**	ug/kg	54.4	27.2	1	08/08/17 13:03	08/10/17 08:17	12674-11-2	
PCB-1221 (Aroclor 1221)	**<27.2**	ug/kg	54.4	27.2	1	08/08/17 13:03	08/10/17 08:17	11104-28-2	
PCB-1232 (Aroclor 1232)	**<27.2**	ug/kg	54.4	27.2	1	08/08/17 13:03	08/10/17 08:17	11141-16-5	
PCB-1242 (Aroclor 1242)	**<27.2**	ug/kg	54.4	27.2	1	08/08/17 13:03	08/10/17 08:17	53469-21-9	
PCB-1248 (Aroclor 1248)	**<27.2**	ug/kg	54.4	27.2	1	08/08/17 13:03	08/10/17 08:17	12672-29-6	
PCB-1254 (Aroclor 1254)	**<27.2**	ug/kg	54.4	27.2	1	08/08/17 13:03	08/10/17 08:17	11097-69-1	
PCB-1260 (Aroclor 1260)	**<27.2**	ug/kg	54.4	27.2	1	08/08/17 13:03	08/10/17 08:17	11096-82-5	
PCB, Total	**<27.2**	ug/kg	54.4	27.2	1	08/08/17 13:03	08/10/17 08:17	1336-36-3	
Surrogates									
Tetrachloro-m-xylene (S)	85	%	50-102		1	08/08/17 13:03	08/10/17 08:17	877-09-8	
Decachlorobiphenyl (S)	81	%	53-105		1	08/08/17 13:03	08/10/17 08:17	2051-24-3	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050								
Arsenic	**2.1J**	mg/kg	5.4	1.1	1	08/09/17 11:44	08/10/17 12:48	7440-38-2	
Barium	**24.6**	mg/kg	0.54	0.16	1	08/09/17 11:44	08/10/17 12:48	7440-39-3	
Cadmium	**<0.14**	mg/kg	0.54	0.14	1	08/09/17 11:44	08/10/17 12:48	7440-43-9	
Chromium	**13.5**	mg/kg	1.1	0.30	1	08/09/17 11:44	08/10/17 12:48	7440-47-3	
Lead	**5.6**	mg/kg	1.4	0.47	1	08/09/17 11:44	08/10/17 12:48	7439-92-1	
Selenium	**<1.2**	mg/kg	5.4	1.2	1	08/09/17 11:44	08/10/17 12:48	7782-49-2	
Silver	**<0.37**	mg/kg	1.1	0.37	1	08/09/17 11:44	08/10/17 12:48	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471								
Mercury	**<0.012**	mg/kg	0.040	0.012	1	08/14/17 07:42	08/15/17 12:25	7439-97-6	M0
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546								
1,2,4-Trichlorobenzene	**<20.5**	ug/kg	68.4	20.5	1	08/14/17 11:07	08/15/17 17:27	120-82-1	
1,2-Dichlorobenzene	**<57.1**	ug/kg	190	57.1	1	08/14/17 11:07	08/15/17 17:27	95-50-1	
1,3-Dichlorobenzene	**<25.1**	ug/kg	83.8	25.1	1	08/14/17 11:07	08/15/17 17:27	541-73-1	
1,4-Dichlorobenzene	**<25.3**	ug/kg	84.3	25.3	1	08/14/17 11:07	08/15/17 17:27	106-46-7	
2,2'-Oxybis(1-chloropropane)	**<46.8**	ug/kg	156	46.8	1	08/14/17 11:07	08/15/17 17:27	108-60-1	
2,4,5-Trichlorophenol	**<32.1**	ug/kg	107	32.1	1	08/14/17 11:07	08/15/17 17:27	95-95-4	
2,4,6-Trichlorophenol	**<27.7**	ug/kg	92.2	27.7	1	08/14/17 11:07	08/15/17 17:27	88-06-2	
2,4-Dichlorophenol	**<48.5**	ug/kg	162	48.5	1	08/14/17 11:07	08/15/17 17:27	120-83-2	
2,4-Dimethylphenol	**<35.9**	ug/kg	120	35.9	1	08/14/17 11:07	08/15/17 17:27	105-67-9	
2,4-Dinitrophenol	**<55.3**	ug/kg	184	55.3	1	08/14/17 11:07	08/15/17 17:27	51-28-5	L1
2,4-Dinitrotoluene	**<25.9**	ug/kg	86.5	25.9	1	08/14/17 11:07	08/15/17 17:27	121-14-2	
2,6-Dinitrotoluene	**<34.4**	ug/kg	115	34.4	1	08/14/17 11:07	08/15/17 17:27	606-20-2	
2-Chloronaphthalene	**<23.3**	ug/kg	77.7	23.3	1	08/14/17 11:07	08/15/17 17:27	91-58-7	
2-Chlorophenol	**<45.3**	ug/kg	151	45.3	1	08/14/17 11:07	08/15/17 17:27	95-57-8	
2-Methylnaphthalene	**<47.1**	ug/kg	157	47.1	1	08/14/17 11:07	08/15/17 17:27	91-57-6	
2-Methylphenol(o-Cresol)	**<33.0**	ug/kg	110	33.0	1	08/14/17 11:07	08/15/17 17:27	95-48-7	
2-Nitroaniline	**<51.7**	ug/kg	172	51.7	1	08/14/17 11:07	08/15/17 17:27	88-74-4	
2-Nitrophenol	**<57.3**	ug/kg	191	57.3	1	08/14/17 11:07	08/15/17 17:27	88-75-5	
3&4-Methylphenol(m&p Cresol)	**<33.3**	ug/kg	111	33.3	1	08/14/17 11:07	08/15/17 17:27		
3,3'-Dichlorobenzidine	**<49.2**	ug/kg	164	49.2	1	08/14/17 11:07	08/15/17 17:27	91-94-1	

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ANALYTICAL RESULTS

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154392

Sample: SB-50 1-2 **Lab ID: 40154392007** Collected: 08/02/17 11:10 Received: 08/03/17 09:25 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546								
3-Nitroaniline	**<30.9**	ug/kg	103	30.9	1	08/14/17 11:07	08/15/17 17:27	99-09-2	
4,6-Dinitro-2-methylphenol	**<55.9**	ug/kg	186	55.9	1	08/14/17 11:07	08/15/17 17:27	534-52-1	
4-Bromophenylphenyl ether	**<38.0**	ug/kg	127	38.0	1	08/14/17 11:07	08/15/17 17:27	101-55-3	
4-Chloro-3-methylphenol	**<56.5**	ug/kg	188	56.5	1	08/14/17 11:07	08/15/17 17:27	59-50-7	
4-Chloroaniline	**<29.8**	ug/kg	99.4	29.8	1	08/14/17 11:07	08/15/17 17:27	106-47-8	
4-Chlorophenylphenyl ether	**<33.8**	ug/kg	113	33.8	1	08/14/17 11:07	08/15/17 17:27	7005-72-3	
4-Nitroaniline	**<75.3**	ug/kg	251	75.3	1	08/14/17 11:07	08/15/17 17:27	100-01-6	
4-Nitrophenol	**<45.7**	ug/kg	152	45.7	1	08/14/17 11:07	08/15/17 17:27	100-02-7	
Acenaphthene	**<64.3**	ug/kg	214	64.3	1	08/14/17 11:07	08/15/17 17:27	83-32-9	
Acenaphthylene	**<64.7**	ug/kg	216	64.7	1	08/14/17 11:07	08/15/17 17:27	208-96-8	
Anthracene	**<29.0**	ug/kg	96.7	29.0	1	08/14/17 11:07	08/15/17 17:27	120-12-7	
Benzo(a)anthracene	**29.4J**	ug/kg	93.7	28.1	1	08/14/17 11:07	08/15/17 17:27	56-55-3	
Benzo(a)pyrene	**34.5J**	ug/kg	91.0	27.3	1	08/14/17 11:07	08/15/17 17:27	50-32-8	
Benzo(b)fluoranthene	**31.5J**	ug/kg	104	31.2	1	08/14/17 11:07	08/15/17 17:27	205-99-2	
Benzo(g,h,i)perylene	**<47.5**	ug/kg	158	47.5	1	08/14/17 11:07	08/15/17 17:27	191-24-2	
Benzo(k)fluoranthene	**<43.4**	ug/kg	145	43.4	1	08/14/17 11:07	08/15/17 17:27	207-08-9	
Butylbenzylphthalate	**<29.1**	ug/kg	97.0	29.1	1	08/14/17 11:07	08/15/17 17:27	85-68-7	
Carbazole	**<28.4**	ug/kg	94.7	28.4	1	08/14/17 11:07	08/15/17 17:27	86-74-8	
Chrysene	**46.0J**	ug/kg	90.4	27.1	1	08/14/17 11:07	08/15/17 17:27	218-01-9	
Di-n-butylphthalate	**<27.1**	ug/kg	90.4	27.1	1	08/14/17 11:07	08/15/17 17:27	84-74-2	L1
Di-n-octylphthalate	**<40.8**	ug/kg	136	40.8	1	08/14/17 11:07	08/15/17 17:27	117-84-0	
Dibenz(a,h)anthracene	**<49.3**	ug/kg	164	49.3	1	08/14/17 11:07	08/15/17 17:27	53-70-3	
Dibenzofuran	**<22.0**	ug/kg	73.2	22.0	1	08/14/17 11:07	08/15/17 17:27	132-64-9	
Diethylphthalate	**<30.1**	ug/kg	100	30.1	1	08/14/17 11:07	08/15/17 17:27	84-66-2	
Dimethylphthalate	**<23.6**	ug/kg	78.7	23.6	1	08/14/17 11:07	08/15/17 17:27	131-11-3	
Fluoranthene	**50.6J**	ug/kg	85.6	25.7	1	08/14/17 11:07	08/15/17 17:27	206-44-0	
Fluorene	**<21.2**	ug/kg	70.7	21.2	1	08/14/17 11:07	08/15/17 17:27	86-73-7	
Hexachloro-1,3-butadiene	**<46.2**	ug/kg	154	46.2	1	08/14/17 11:07	08/15/17 17:27	87-68-3	
Hexachlorobenzene	**<30.5**	ug/kg	102	30.5	1	08/14/17 11:07	08/15/17 17:27	118-74-1	
Hexachlorocyclopentadiene	**<42.9**	ug/kg	143	42.9	1	08/14/17 11:07	08/15/17 17:27	77-47-4	
Hexachloroethane	**<29.0**	ug/kg	96.8	29.0	1	08/14/17 11:07	08/15/17 17:27	67-72-1	
Indeno(1,2,3-cd)pyrene	**41.8J**	ug/kg	131	39.3	1	08/14/17 11:07	08/15/17 17:27	193-39-5	
Isophorone	**<27.9**	ug/kg	93.0	27.9	1	08/14/17 11:07	08/15/17 17:27	78-59-1	
N-Nitroso-di-n-propylamine	**<28.8**	ug/kg	95.9	28.8	1	08/14/17 11:07	08/15/17 17:27	621-64-7	
N-Nitrosodiphenylamine	**<246**	ug/kg	821	246	1	08/14/17 11:07	08/15/17 17:27	86-30-6	
Naphthalene	**<63.4**	ug/kg	211	63.4	1	08/14/17 11:07	08/15/17 17:27	91-20-3	
Nitrobenzene	**<36.8**	ug/kg	123	36.8	1	08/14/17 11:07	08/15/17 17:27	98-95-3	
Pentachlorophenol	**<40.0**	ug/kg	133	40.0	1	08/14/17 11:07	08/15/17 17:27	87-86-5	
Phenanthrene	**41.5J**	ug/kg	77.6	23.3	1	08/14/17 11:07	08/15/17 17:27	85-01-8	
Phenol	**<43.1**	ug/kg	144	43.1	1	08/14/17 11:07	08/15/17 17:27	108-95-2	
Pyrene	**56.2J**	ug/kg	134	40.2	1	08/14/17 11:07	08/15/17 17:27	129-00-0	
bis(2-Chloroethoxy)methane	**<48.9**	ug/kg	163	48.9	1	08/14/17 11:07	08/15/17 17:27	111-91-1	
bis(2-Chloroethyl) ether	**<56.6**	ug/kg	189	56.6	1	08/14/17 11:07	08/15/17 17:27	111-44-4	
bis(2-Ethylhexyl)phthalate	**<30.2**	ug/kg	101	30.2	1	08/14/17 11:07	08/15/17 17:27	117-81-7	

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Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154392

Sample: SB-50 1-2 **Lab ID: 40154392007** Collected: 08/02/17 11:10 Received: 08/03/17 09:25 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546								
Surrogates									
Nitrobenzene-d5 (S)	59	%	13-114		1	08/14/17 11:07	08/15/17 17:27	4165-60-0	
2-Fluorobiphenyl (S)	60	%	18-127		1	08/14/17 11:07	08/15/17 17:27	321-60-8	
Terphenyl-d14 (S)	65	%	41-109		1	08/14/17 11:07	08/15/17 17:27	1718-51-0	
Phenol-d6 (S)	48	%	30-97		1	08/14/17 11:07	08/15/17 17:27	13127-88-3	
2-Fluorophenol (S)	16	%	16-103		1	08/14/17 11:07	08/15/17 17:27	367-12-4	
2,4,6-Tribromophenol (S)	8	%	13-143		1	08/14/17 11:07	08/15/17 17:27	118-79-6	S0
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/07/17 21:21	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/07/17 21:21	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/07/17 21:21	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/07/17 21:21	75-27-4	W
Bromoform	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/07/17 21:21	75-25-2	W
Bromomethane	**<69.9**	ug/kg	250	69.9	1	08/07/17 08:15	08/07/17 21:21	74-83-9	W
n-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/07/17 21:21	104-51-8	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/07/17 21:21	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/07/17 21:21	98-06-6	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/07/17 21:21	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/07/17 21:21	108-90-7	W
Chloroethane	**<67.0**	ug/kg	250	67.0	1	08/07/17 08:15	08/07/17 21:21	75-00-3	W
Chloroform	**<46.4**	ug/kg	250	46.4	1	08/07/17 08:15	08/07/17 21:21	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/07/17 21:21	74-87-3	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/07/17 21:21	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/07/17 21:21	106-43-4	W
1,2-Dibromo-3-chloropropane	**<91.2**	ug/kg	250	91.2	1	08/07/17 08:15	08/07/17 21:21	96-12-8	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/07/17 21:21	124-48-1	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/07/17 21:21	106-93-4	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/07/17 21:21	74-95-3	W
1,2-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/07/17 21:21	95-50-1	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/07/17 21:21	541-73-1	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/07/17 21:21	106-46-7	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/07/17 21:21	75-71-8	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/07/17 21:21	75-34-3	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/07/17 21:21	107-06-2	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/07/17 21:21	75-35-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/07/17 21:21	156-59-2	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/07/17 21:21	156-60-5	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/07/17 21:21	78-87-5	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/07/17 21:21	142-28-9	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/07/17 21:21	594-20-7	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/07/17 21:21	563-58-6	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/07/17 21:21	10061-01-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/07/17 21:21	10061-02-6	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/07/17 21:21	108-20-3	W

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ANALYTICAL RESULTS

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154392

Sample: SB-50 1-2 **Lab ID: 40154392007** Collected: 08/02/17 11:10 Received: 08/03/17 09:25 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/07/17 21:21	100-41-4	W
Hexachloro-1,3-butadiene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/07/17 21:21	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/07/17 21:21	98-82-8	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/07/17 21:21	99-87-6	W
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/07/17 21:21	75-09-2	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/07/17 21:21	1634-04-4	W
Naphthalene	**<40.0**	ug/kg	250	40.0	1	08/07/17 08:15	08/07/17 21:21	91-20-3	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/07/17 21:21	103-65-1	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/07/17 21:21	100-42-5	W
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/07/17 21:21	630-20-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/07/17 21:21	79-34-5	W
Tetrachloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/07/17 21:21	127-18-4	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/07/17 21:21	108-88-3	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/07/17 21:21	87-61-6	W
1,2,4-Trichlorobenzene	**<47.6**	ug/kg	250	47.6	1	08/07/17 08:15	08/07/17 21:21	120-82-1	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/07/17 21:21	71-55-6	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/07/17 21:21	79-00-5	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/07/17 21:21	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/07/17 21:21	75-69-4	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/07/17 21:21	96-18-4	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/07/17 21:21	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/07/17 21:21	108-67-8	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/07/17 21:21	75-01-4	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	08/07/17 08:15	08/07/17 21:21	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/07/17 21:21	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	118	%	68-130		1	08/07/17 08:15	08/07/17 21:21	1868-53-7	
Toluene-d8 (S)	122	%	68-149		1	08/07/17 08:15	08/07/17 21:21	2037-26-5	
4-Bromofluorobenzene (S)	105	%	58-141		1	08/07/17 08:15	08/07/17 21:21	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**8.1**	%	0.10	0.10	1		08/14/17 11:15		

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ANALYTICAL RESULTS

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154392

Sample: SB-49 5-7 **Lab ID: 40154392008** Collected: 08/02/17 09:00 Received: 08/03/17 09:25 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB	Analytical Method: EPA 8082 Preparation Method: EPA 3541								
PCB-1016 (Aroclor 1016)	**<27.3**	ug/kg	54.7	27.3	1	08/08/17 13:03	08/10/17 15:01	12674-11-2	
PCB-1221 (Aroclor 1221)	**<27.3**	ug/kg	54.7	27.3	1	08/08/17 13:03	08/10/17 15:01	11104-28-2	
PCB-1232 (Aroclor 1232)	**<27.3**	ug/kg	54.7	27.3	1	08/08/17 13:03	08/10/17 15:01	11141-16-5	
PCB-1242 (Aroclor 1242)	**<27.3**	ug/kg	54.7	27.3	1	08/08/17 13:03	08/10/17 15:01	53469-21-9	
PCB-1248 (Aroclor 1248)	**<27.3**	ug/kg	54.7	27.3	1	08/08/17 13:03	08/10/17 15:01	12672-29-6	
PCB-1254 (Aroclor 1254)	**<27.3**	ug/kg	54.7	27.3	1	08/08/17 13:03	08/10/17 15:01	11097-69-1	
PCB-1260 (Aroclor 1260)	**<27.3**	ug/kg	54.7	27.3	1	08/08/17 13:03	08/10/17 15:01	11096-82-5	
PCB, Total	**<27.3**	ug/kg	54.7	27.3	1	08/08/17 13:03	08/10/17 15:01	1336-36-3	
Surrogates									
Tetrachloro-m-xylene (S)	80	%	50-102		1	08/08/17 13:03	08/10/17 15:01	877-09-8	
Decachlorobiphenyl (S)	85	%	53-105		1	08/08/17 13:03	08/10/17 15:01	2051-24-3	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050								
Arsenic	**2.5J**	mg/kg	5.1	1.1	1	08/09/17 11:44	08/10/17 12:59	7440-38-2	
Barium	**48.5**	mg/kg	0.51	0.15	1	08/09/17 11:44	08/10/17 12:59	7440-39-3	
Cadmium	**<0.14**	mg/kg	0.51	0.14	1	08/09/17 11:44	08/10/17 12:59	7440-43-9	
Chromium	**10.2**	mg/kg	1.0	0.29	1	08/09/17 11:44	08/10/17 12:59	7440-47-3	
Lead	**3.5**	mg/kg	1.3	0.44	1	08/09/17 11:44	08/10/17 12:59	7439-92-1	
Selenium	**<1.1**	mg/kg	5.1	1.1	1	08/09/17 11:44	08/10/17 12:59	7782-49-2	
Silver	**<0.35**	mg/kg	1.0	0.35	1	08/09/17 11:44	08/10/17 12:59	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471								
Mercury	**<0.012**	mg/kg	0.040	0.012	1	08/14/17 07:42	08/15/17 12:32	7439-97-6	
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546								
1,2,4-Trichlorobenzene	**<20.6**	ug/kg	68.8	20.6	1	08/14/17 11:07	08/15/17 04:11	120-82-1	
1,2-Dichlorobenzene	**<57.4**	ug/kg	191	57.4	1	08/14/17 11:07	08/15/17 04:11	95-50-1	
1,3-Dichlorobenzene	**<25.3**	ug/kg	84.3	25.3	1	08/14/17 11:07	08/15/17 04:11	541-73-1	
1,4-Dichlorobenzene	**<25.4**	ug/kg	84.8	25.4	1	08/14/17 11:07	08/15/17 04:11	106-46-7	
2,2'-Oxybis(1-chloropropane)	**<47.1**	ug/kg	157	47.1	1	08/14/17 11:07	08/15/17 04:11	108-60-1	
2,4,5-Trichlorophenol	**<32.2**	ug/kg	107	32.2	1	08/14/17 11:07	08/15/17 04:11	95-95-4	
2,4,6-Trichlorophenol	**<27.8**	ug/kg	92.8	27.8	1	08/14/17 11:07	08/15/17 04:11	88-06-2	
2,4-Dichlorophenol	**<48.8**	ug/kg	163	48.8	1	08/14/17 11:07	08/15/17 04:11	120-83-2	
2,4-Dimethylphenol	**<36.1**	ug/kg	120	36.1	1	08/14/17 11:07	08/15/17 04:11	105-67-9	
2,4-Dinitrophenol	**<55.6**	ug/kg	185	55.6	1	08/14/17 11:07	08/15/17 04:11	51-28-5	L1
2,4-Dinitrotoluene	**<26.1**	ug/kg	87.0	26.1	1	08/14/17 11:07	08/15/17 04:11	121-14-2	
2,6-Dinitrotoluene	**<34.7**	ug/kg	116	34.7	1	08/14/17 11:07	08/15/17 04:11	606-20-2	
2-Chloronaphthalene	**<23.4**	ug/kg	78.1	23.4	1	08/14/17 11:07	08/15/17 04:11	91-58-7	
2-Chlorophenol	**<45.6**	ug/kg	152	45.6	1	08/14/17 11:07	08/15/17 04:11	95-57-8	
2-Methylnaphthalene	**<47.4**	ug/kg	158	47.4	1	08/14/17 11:07	08/15/17 04:11	91-57-6	
2-Methylphenol(o-Cresol)	**<33.2**	ug/kg	111	33.2	1	08/14/17 11:07	08/15/17 04:11	95-48-7	
2-Nitroaniline	**<52.0**	ug/kg	173	52.0	1	08/14/17 11:07	08/15/17 04:11	88-74-4	
2-Nitrophenol	**<57.6**	ug/kg	192	57.6	1	08/14/17 11:07	08/15/17 04:11	88-75-5	
3&4-Methylphenol(m&p Cresol)	**<33.5**	ug/kg	112	33.5	1	08/14/17 11:07	08/15/17 04:11		
3,3'-Dichlorobenzidine	**<49.5**	ug/kg	165	49.5	1	08/14/17 11:07	08/15/17 04:11	91-94-1	

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ANALYTICAL RESULTS

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154392

Sample: SB-49 5-7 **Lab ID: 40154392008** Collected: 08/02/17 09:00 Received: 08/03/17 09:25 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546								
3-Nitroaniline	**<31.0**	ug/kg	103	31.0	1	08/14/17 11:07	08/15/17 04:11	99-09-2	
4,6-Dinitro-2-methylphenol	**<56.3**	ug/kg	188	56.3	1	08/14/17 11:07	08/15/17 04:11	534-52-1	
4-Bromophenylphenyl ether	**<38.2**	ug/kg	127	38.2	1	08/14/17 11:07	08/15/17 04:11	101-55-3	
4-Chloro-3-methylphenol	**<56.8**	ug/kg	189	56.8	1	08/14/17 11:07	08/15/17 04:11	59-50-7	
4-Chloroaniline	**<30.0**	ug/kg	100	30.0	1	08/14/17 11:07	08/15/17 04:11	106-47-8	
4-Chlorophenylphenyl ether	**<34.0**	ug/kg	113	34.0	1	08/14/17 11:07	08/15/17 04:11	7005-72-3	
4-Nitroaniline	**<75.8**	ug/kg	253	75.8	1	08/14/17 11:07	08/15/17 04:11	100-01-6	
4-Nitrophenol	**<46.0**	ug/kg	153	46.0	1	08/14/17 11:07	08/15/17 04:11	100-02-7	
Acenaphthene	**<64.7**	ug/kg	216	64.7	1	08/14/17 11:07	08/15/17 04:11	83-32-9	
Acenaphthylene	**<65.1**	ug/kg	217	65.1	1	08/14/17 11:07	08/15/17 04:11	208-96-8	
Anthracene	**<29.2**	ug/kg	97.3	29.2	1	08/14/17 11:07	08/15/17 04:11	120-12-7	
Benzo(a)anthracene	**<28.3**	ug/kg	94.2	28.3	1	08/14/17 11:07	08/15/17 04:11	56-55-3	
Benzo(a)pyrene	**<27.5**	ug/kg	91.6	27.5	1	08/14/17 11:07	08/15/17 04:11	50-32-8	
Benzo(b)fluoranthene	**<31.4**	ug/kg	105	31.4	1	08/14/17 11:07	08/15/17 04:11	205-99-2	
Benzo(g,h,i)perylene	**<47.8**	ug/kg	159	47.8	1	08/14/17 11:07	08/15/17 04:11	191-24-2	
Benzo(k)fluoranthene	**<43.7**	ug/kg	146	43.7	1	08/14/17 11:07	08/15/17 04:11	207-08-9	
Butylbenzylphthalate	**<29.3**	ug/kg	97.6	29.3	1	08/14/17 11:07	08/15/17 04:11	85-68-7	
Carbazole	**<28.6**	ug/kg	95.3	28.6	1	08/14/17 11:07	08/15/17 04:11	86-74-8	
Chrysene	**<27.3**	ug/kg	91.0	27.3	1	08/14/17 11:07	08/15/17 04:11	218-01-9	
Di-n-butylphthalate	**<27.3**	ug/kg	91.0	27.3	1	08/14/17 11:07	08/15/17 04:11	84-74-2	L1
Di-n-octylphthalate	**<41.0**	ug/kg	137	41.0	1	08/14/17 11:07	08/15/17 04:11	117-84-0	
Dibenz(a,h)anthracene	**<49.6**	ug/kg	165	49.6	1	08/14/17 11:07	08/15/17 04:11	53-70-3	
Dibenzofuran	**<22.1**	ug/kg	73.7	22.1	1	08/14/17 11:07	08/15/17 04:11	132-64-9	
Diethylphthalate	**<30.3**	ug/kg	101	30.3	1	08/14/17 11:07	08/15/17 04:11	84-66-2	
Dimethylphthalate	**<23.7**	ug/kg	79.2	23.7	1	08/14/17 11:07	08/15/17 04:11	131-11-3	
Fluoranthene	**<25.8**	ug/kg	86.1	25.8	1	08/14/17 11:07	08/15/17 04:11	206-44-0	
Fluorene	**<21.3**	ug/kg	71.1	21.3	1	08/14/17 11:07	08/15/17 04:11	86-73-7	
Hexachloro-1,3-butadiene	**<46.5**	ug/kg	155	46.5	1	08/14/17 11:07	08/15/17 04:11	87-68-3	
Hexachlorobenzene	**<30.7**	ug/kg	102	30.7	1	08/14/17 11:07	08/15/17 04:11	118-74-1	
Hexachlorocyclopentadiene	**<43.2**	ug/kg	144	43.2	1	08/14/17 11:07	08/15/17 04:11	77-47-4	
Hexachloroethane	**<29.2**	ug/kg	97.4	29.2	1	08/14/17 11:07	08/15/17 04:11	67-72-1	
Indeno(1,2,3-cd)pyrene	**<39.5**	ug/kg	132	39.5	1	08/14/17 11:07	08/15/17 04:11	193-39-5	
Isophorone	**<28.1**	ug/kg	93.5	28.1	1	08/14/17 11:07	08/15/17 04:11	78-59-1	
N-Nitroso-di-n-propylamine	**<29.0**	ug/kg	96.5	29.0	1	08/14/17 11:07	08/15/17 04:11	621-64-7	
N-Nitrosodiphenylamine	**<248**	ug/kg	826	248	1	08/14/17 11:07	08/15/17 04:11	86-30-6	
Naphthalene	**<63.8**	ug/kg	213	63.8	1	08/14/17 11:07	08/15/17 04:11	91-20-3	
Nitrobenzene	**<37.0**	ug/kg	123	37.0	1	08/14/17 11:07	08/15/17 04:11	98-95-3	
Pentachlorophenol	**<40.2**	ug/kg	134	40.2	1	08/14/17 11:07	08/15/17 04:11	87-86-5	
Phenanthrene	**<23.4**	ug/kg	78.1	23.4	1	08/14/17 11:07	08/15/17 04:11	85-01-8	
Phenol	**<43.3**	ug/kg	144	43.3	1	08/14/17 11:07	08/15/17 04:11	108-95-2	
Pyrene	**<40.5**	ug/kg	135	40.5	1	08/14/17 11:07	08/15/17 04:11	129-00-0	
bis(2-Chloroethoxy)methane	**<49.2**	ug/kg	164	49.2	1	08/14/17 11:07	08/15/17 04:11	111-91-1	
bis(2-Chloroethyl) ether	**<57.0**	ug/kg	190	57.0	1	08/14/17 11:07	08/15/17 04:11	111-44-4	
bis(2-Ethylhexyl)phthalate	**<30.4**	ug/kg	101	30.4	1	08/14/17 11:07	08/15/17 04:11	117-81-7	

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ANALYTICAL RESULTS

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154392

Sample: SB-49 5-7 **Lab ID: 40154392008** Collected: 08/02/17 09:00 Received: 08/03/17 09:25 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546								
Surrogates									
Nitrobenzene-d5 (S)	77	%	13-114		1	08/14/17 11:07	08/15/17 04:11	4165-60-0	
2-Fluorobiphenyl (S)	76	%	18-127		1	08/14/17 11:07	08/15/17 04:11	321-60-8	
Terphenyl-d14 (S)	90	%	41-109		1	08/14/17 11:07	08/15/17 04:11	1718-51-0	
Phenol-d6 (S)	76	%	30-97		1	08/14/17 11:07	08/15/17 04:11	13127-88-3	
2-Fluorophenol (S)	79	%	16-103		1	08/14/17 11:07	08/15/17 04:11	367-12-4	
2,4,6-Tribromophenol (S)	100	%	13-143		1	08/14/17 11:07	08/15/17 04:11	118-79-6	
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 12:37	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 12:37	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 12:37	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 12:37	75-27-4	W
Bromoform	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 12:37	75-25-2	R1,W
Bromomethane	**<69.9**	ug/kg	250	69.9	1	08/07/17 08:00	08/07/17 12:37	74-83-9	W
n-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 12:37	104-51-8	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 12:37	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 12:37	98-06-6	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 12:37	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 12:37	108-90-7	W
Chloroethane	**<67.0**	ug/kg	250	67.0	1	08/07/17 08:00	08/07/17 12:37	75-00-3	W
Chloroform	**<46.4**	ug/kg	250	46.4	1	08/07/17 08:00	08/07/17 12:37	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 12:37	74-87-3	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 12:37	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 12:37	106-43-4	W
1,2-Dibromo-3-chloropropane	**<91.2**	ug/kg	250	91.2	1	08/07/17 08:00	08/07/17 12:37	96-12-8	R1,W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 12:37	124-48-1	R1,W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 12:37	106-93-4	M1,R1, W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 12:37	74-95-3	W
1,2-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 12:37	95-50-1	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 12:37	541-73-1	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 12:37	106-46-7	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 12:37	75-71-8	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 12:37	75-34-3	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 12:37	107-06-2	R1,W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 12:37	75-35-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 12:37	156-59-2	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 12:37	156-60-5	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 12:37	78-87-5	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 12:37	142-28-9	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 12:37	594-20-7	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 12:37	563-58-6	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 12:37	10061-01-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 12:37	10061-02-6	R1,W

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ANALYTICAL RESULTS

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154392

Sample: SB-49 5-7 **Lab ID: 40154392008** Collected: 08/02/17 09:00 Received: 08/03/17 09:25 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 12:37	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 12:37	100-41-4	W
Hexachloro-1,3-butadiene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 12:37	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 12:37	98-82-8	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 12:37	99-87-6	W
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 12:37	75-09-2	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 12:37	1634-04-4	R1,W
Naphthalene	**<40.0**	ug/kg	250	40.0	1	08/07/17 08:00	08/07/17 12:37	91-20-3	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 12:37	103-65-1	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 12:37	100-42-5	W
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 12:37	630-20-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 12:37	79-34-5	M1,R1, W
Tetrachloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 12:37	127-18-4	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 12:37	108-88-3	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 12:37	87-61-6	W
1,2,4-Trichlorobenzene	**<47.6**	ug/kg	250	47.6	1	08/07/17 08:00	08/07/17 12:37	120-82-1	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 12:37	71-55-6	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 12:37	79-00-5	R1,W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 12:37	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 12:37	75-69-4	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 12:37	96-18-4	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 12:37	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 12:37	108-67-8	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 12:37	75-01-4	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	08/07/17 08:00	08/07/17 12:37	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 12:37	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	112	%	68-130		1	08/07/17 08:00	08/07/17 12:37	1868-53-7	
Toluene-d8 (S)	118	%	68-149		1	08/07/17 08:00	08/07/17 12:37	2037-26-5	
4-Bromofluorobenzene (S)	104	%	58-141		1	08/07/17 08:00	08/07/17 12:37	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**8.5**	%	0.10	0.10	1		08/14/17 11:15		

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ANALYTICAL RESULTS

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154392

Sample: SB-51 1-1.5 **Lab ID: 40154392009** Collected: 08/02/17 10:40 Received: 08/03/17 09:25 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB	Analytical Method: EPA 8082 Preparation Method: EPA 3541								
PCB-1016 (Aroclor 1016)	**<29.7**	ug/kg	59.5	29.7	1	08/08/17 13:03	08/10/17 15:22	12674-11-2	
PCB-1221 (Aroclor 1221)	**<29.7**	ug/kg	59.5	29.7	1	08/08/17 13:03	08/10/17 15:22	11104-28-2	
PCB-1232 (Aroclor 1232)	**<29.7**	ug/kg	59.5	29.7	1	08/08/17 13:03	08/10/17 15:22	11141-16-5	
PCB-1242 (Aroclor 1242)	**<29.7**	ug/kg	59.5	29.7	1	08/08/17 13:03	08/10/17 15:22	53469-21-9	
PCB-1248 (Aroclor 1248)	**<29.7**	ug/kg	59.5	29.7	1	08/08/17 13:03	08/10/17 15:22	12672-29-6	
PCB-1254 (Aroclor 1254)	**<29.7**	ug/kg	59.5	29.7	1	08/08/17 13:03	08/10/17 15:22	11097-69-1	
PCB-1260 (Aroclor 1260)	**<29.7**	ug/kg	59.5	29.7	1	08/08/17 13:03	08/10/17 15:22	11096-82-5	
PCB, Total	**<29.7**	ug/kg	59.5	29.7	1	08/08/17 13:03	08/10/17 15:22	1336-36-3	
Surrogates									
Tetrachloro-m-xylene (S)	80	%	50-102		1	08/08/17 13:03	08/10/17 15:22	877-09-8	
Decachlorobiphenyl (S)	86	%	53-105		1	08/08/17 13:03	08/10/17 15:22	2051-24-3	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050								
Arsenic	**5.5J**	mg/kg	5.5	1.2	1	08/09/17 11:44	08/10/17 13:02	7440-38-2	
Barium	**103**	mg/kg	0.55	0.17	1	08/09/17 11:44	08/10/17 13:02	7440-39-3	
Cadmium	**1.2**	mg/kg	0.55	0.15	1	08/09/17 11:44	08/10/17 13:02	7440-43-9	
Chromium	**18.4**	mg/kg	1.1	0.31	1	08/09/17 11:44	08/10/17 13:02	7440-47-3	
Lead	**45.7**	mg/kg	1.4	0.48	1	08/09/17 11:44	08/10/17 13:02	7439-92-1	
Selenium	**<1.2**	mg/kg	5.5	1.2	1	08/09/17 11:44	08/10/17 13:02	7782-49-2	
Silver	**<0.38**	mg/kg	1.1	0.38	1	08/09/17 11:44	08/10/17 13:02	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471								
Mercury	**0.035J**	mg/kg	0.042	0.013	1	08/14/17 07:42	08/15/17 12:43	7439-97-6	
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546								
1,2,4-Trichlorobenzene	**<44.8**	ug/kg	149	44.8	2	08/14/17 11:07	08/15/17 19:34	120-82-1	
1,2-Dichlorobenzene	**<125**	ug/kg	416	125	2	08/14/17 11:07	08/15/17 19:34	95-50-1	
1,3-Dichlorobenzene	**<54.9**	ug/kg	183	54.9	2	08/14/17 11:07	08/15/17 19:34	541-73-1	
1,4-Dichlorobenzene	**<55.2**	ug/kg	184	55.2	2	08/14/17 11:07	08/15/17 19:34	106-46-7	
2,2'-Oxybis(1-chloropropane)	**<102**	ug/kg	341	102	2	08/14/17 11:07	08/15/17 19:34	108-60-1	
2,4,5-Trichlorophenol	**<70.0**	ug/kg	233	70.0	2	08/14/17 11:07	08/15/17 19:34	95-95-4	
2,4,6-Trichlorophenol	**<60.4**	ug/kg	201	60.4	2	08/14/17 11:07	08/15/17 19:34	88-06-2	M1
2,4-Dichlorophenol	**<106**	ug/kg	353	106	2	08/14/17 11:07	08/15/17 19:34	120-83-2	
2,4-Dimethylphenol	**<78.4**	ug/kg	261	78.4	2	08/14/17 11:07	08/15/17 19:34	105-67-9	
2,4-Dinitrophenol	**<121**	ug/kg	403	121	2	08/14/17 11:07	08/15/17 19:34	51-28-5	L1,M0
2,4-Dinitrotoluene	**<56.7**	ug/kg	189	56.7	2	08/14/17 11:07	08/15/17 19:34	121-14-2	
2,6-Dinitrotoluene	**<75.3**	ug/kg	251	75.3	2	08/14/17 11:07	08/15/17 19:34	606-20-2	
2-Chloronaphthalene	**<50.9**	ug/kg	170	50.9	2	08/14/17 11:07	08/15/17 19:34	91-58-7	
2-Chlorophenol	**<99.0**	ug/kg	330	99.0	2	08/14/17 11:07	08/15/17 19:34	95-57-8	
2-Methylnaphthalene	**131J**	ug/kg	343	103	2	08/14/17 11:07	08/15/17 19:34	91-57-6	
2-Methylphenol(o-Cresol)	**<72.0**	ug/kg	240	72.0	2	08/14/17 11:07	08/15/17 19:34	95-48-7	
2-Nitroaniline	**<113**	ug/kg	377	113	2	08/14/17 11:07	08/15/17 19:34	88-74-4	
2-Nitrophenol	**<125**	ug/kg	417	125	2	08/14/17 11:07	08/15/17 19:34	88-75-5	
3&4-Methylphenol(m&p Cresol)	**<72.7**	ug/kg	242	72.7	2	08/14/17 11:07	08/15/17 19:34		
3,3'-Dichlorobenzidine	**<108**	ug/kg	359	108	2	08/14/17 11:07	08/15/17 19:34	91-94-1	

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1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154392

Sample: SB-51 1-1.5 **Lab ID: 40154392009** Collected: 08/02/17 10:40 Received: 08/03/17 09:25 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546								
3-Nitroaniline	**<67.4**	ug/kg	225	67.4	2	08/14/17 11:07	08/15/17 19:34	99-09-2	
4,6-Dinitro-2-methylphenol	**<122**	ug/kg	407	122	2	08/14/17 11:07	08/15/17 19:34	534-52-1	M1
4-Bromophenylphenyl ether	**<83.0**	ug/kg	277	83.0	2	08/14/17 11:07	08/15/17 19:34	101-55-3	
4-Chloro-3-methylphenol	**<123**	ug/kg	411	123	2	08/14/17 11:07	08/15/17 19:34	59-50-7	
4-Chloroaniline	**<65.2**	ug/kg	217	65.2	2	08/14/17 11:07	08/15/17 19:34	106-47-8	
4-Chlorophenylphenyl ether	**<73.8**	ug/kg	246	73.8	2	08/14/17 11:07	08/15/17 19:34	7005-72-3	
4-Nitroaniline	**<165**	ug/kg	548	165	2	08/14/17 11:07	08/15/17 19:34	100-01-6	
4-Nitrophenol	**<99.8**	ug/kg	333	99.8	2	08/14/17 11:07	08/15/17 19:34	100-02-7	M1
Acenaphthene	**<141**	ug/kg	469	141	2	08/14/17 11:07	08/15/17 19:34	83-32-9	
Acenaphthylene	**<141**	ug/kg	471	141	2	08/14/17 11:07	08/15/17 19:34	208-96-8	
Anthracene	**391**	ug/kg	211	63.4	2	08/14/17 11:07	08/15/17 19:34	120-12-7	
Benzo(a)anthracene	**1010**	ug/kg	205	61.4	2	08/14/17 11:07	08/15/17 19:34	56-55-3	
Benzo(a)pyrene	**892**	ug/kg	199	59.7	2	08/14/17 11:07	08/15/17 19:34	50-32-8	
Benzo(b)fluoranthene	**1150**	ug/kg	227	68.1	2	08/14/17 11:07	08/15/17 19:34	205-99-2	
Benzo(g,h,i)perylene	**563**	ug/kg	346	104	2	08/14/17 11:07	08/15/17 19:34	191-24-2	
Benzo(k)fluoranthene	**440**	ug/kg	316	94.9	2	08/14/17 11:07	08/15/17 19:34	207-08-9	
Butylbenzylphthalate	**<63.6**	ug/kg	212	63.6	2	08/14/17 11:07	08/15/17 19:34	85-68-7	
Carbazole	**106J**	ug/kg	207	62.1	2	08/14/17 11:07	08/15/17 19:34	86-74-8	
Chrysene	**1090**	ug/kg	198	59.3	2	08/14/17 11:07	08/15/17 19:34	218-01-9	
Di-n-butylphthalate	**<59.3**	ug/kg	198	59.3	2	08/14/17 11:07	08/15/17 19:34	84-74-2	L1
Di-n-octylphthalate	**<89.1**	ug/kg	297	89.1	2	08/14/17 11:07	08/15/17 19:34	117-84-0	
Dibenz(a,h)anthracene	**140J**	ug/kg	359	108	2	08/14/17 11:07	08/15/17 19:34	53-70-3	
Dibenzofuran	**88.6J**	ug/kg	160	48.0	2	08/14/17 11:07	08/15/17 19:34	132-64-9	
Diethylphthalate	**<65.7**	ug/kg	219	65.7	2	08/14/17 11:07	08/15/17 19:34	84-66-2	
Dimethylphthalate	**<51.6**	ug/kg	172	51.6	2	08/14/17 11:07	08/15/17 19:34	131-11-3	
Fluoranthene	**2240**	ug/kg	187	56.1	2	08/14/17 11:07	08/15/17 19:34	206-44-0	
Fluorene	**131J**	ug/kg	154	46.3	2	08/14/17 11:07	08/15/17 19:34	86-73-7	
Hexachloro-1,3-butadiene	**<101**	ug/kg	337	101	2	08/14/17 11:07	08/15/17 19:34	87-68-3	
Hexachlorobenzene	**<66.7**	ug/kg	222	66.7	2	08/14/17 11:07	08/15/17 19:34	118-74-1	
Hexachlorocyclopentadiene	**<93.8**	ug/kg	313	93.8	2	08/14/17 11:07	08/15/17 19:34	77-47-4	
Hexachloroethane	**<63.4**	ug/kg	211	63.4	2	08/14/17 11:07	08/15/17 19:34	67-72-1	
Indeno(1,2,3-cd)pyrene	**616**	ug/kg	286	85.8	2	08/14/17 11:07	08/15/17 19:34	193-39-5	
Isophorone	**<60.9**	ug/kg	203	60.9	2	08/14/17 11:07	08/15/17 19:34	78-59-1	
N-Nitroso-di-n-propylamine	**<62.9**	ug/kg	210	62.9	2	08/14/17 11:07	08/15/17 19:34	621-64-7	
N-Nitrosodiphenylamine	**<538**	ug/kg	1790	538	2	08/14/17 11:07	08/15/17 19:34	86-30-6	
Naphthalene	**<139**	ug/kg	462	139	2	08/14/17 11:07	08/15/17 19:34	91-20-3	
Nitrobenzene	**<80.4**	ug/kg	268	80.4	2	08/14/17 11:07	08/15/17 19:34	98-95-3	
Pentachlorophenol	**<87.3**	ug/kg	291	87.3	2	08/14/17 11:07	08/15/17 19:34	87-86-5	M1
Phenanthrene	**1510**	ug/kg	170	50.9	2	08/14/17 11:07	08/15/17 19:34	85-01-8	
Phenol	**<94.1**	ug/kg	314	94.1	2	08/14/17 11:07	08/15/17 19:34	108-95-2	
Pyrene	**1590**	ug/kg	293	87.9	2	08/14/17 11:07	08/15/17 19:34	129-00-0	
bis(2-Chloroethoxy)methane	**<107**	ug/kg	356	107	2	08/14/17 11:07	08/15/17 19:34	111-91-1	
bis(2-Chloroethyl) ether	**<124**	ug/kg	413	124	2	08/14/17 11:07	08/15/17 19:34	111-44-4	
bis(2-Ethylhexyl)phthalate	**<65.9**	ug/kg	220	65.9	2	08/14/17 11:07	08/15/17 19:34	117-81-7	

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(920)469-2436

ANALYTICAL RESULTS

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154392

Sample: SB-51 1-1.5 **Lab ID: 40154392009** Collected: 08/02/17 10:40 Received: 08/03/17 09:25 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546								
Surrogates									
Nitrobenzene-d5 (S)	67	%	13-114		2	08/14/17 11:07	08/15/17 19:34	4165-60-0	
2-Fluorobiphenyl (S)	65	%	18-127		2	08/14/17 11:07	08/15/17 19:34	321-60-8	
Terphenyl-d14 (S)	72	%	41-109		2	08/14/17 11:07	08/15/17 19:34	1718-51-0	
Phenol-d6 (S)	48	%	30-97		2	08/14/17 11:07	08/15/17 19:34	13127-88-3	
2-Fluorophenol (S)	35	%	16-103		2	08/14/17 11:07	08/15/17 19:34	367-12-4	
2,4,6-Tribromophenol (S)	30	%	13-143		2	08/14/17 11:07	08/15/17 19:34	118-79-6	
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/08/17 09:13	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/08/17 09:13	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/08/17 09:13	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/08/17 09:13	75-27-4	W
Bromoform	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/08/17 09:13	75-25-2	W
Bromomethane	**<69.9**	ug/kg	250	69.9	1	08/07/17 08:00	08/08/17 09:13	74-83-9	W
n-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/08/17 09:13	104-51-8	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/08/17 09:13	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/08/17 09:13	98-06-6	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/08/17 09:13	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/08/17 09:13	108-90-7	W
Chloroethane	**<67.0**	ug/kg	250	67.0	1	08/07/17 08:00	08/08/17 09:13	75-00-3	W
Chloroform	**<46.4**	ug/kg	250	46.4	1	08/07/17 08:00	08/08/17 09:13	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/08/17 09:13	74-87-3	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/08/17 09:13	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/08/17 09:13	106-43-4	W
1,2-Dibromo-3-chloropropane	**<91.2**	ug/kg	250	91.2	1	08/07/17 08:00	08/08/17 09:13	96-12-8	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/08/17 09:13	124-48-1	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/08/17 09:13	106-93-4	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/08/17 09:13	74-95-3	W
1,2-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/08/17 09:13	95-50-1	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/08/17 09:13	541-73-1	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/08/17 09:13	106-46-7	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/08/17 09:13	75-71-8	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/08/17 09:13	75-34-3	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/08/17 09:13	107-06-2	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/08/17 09:13	75-35-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/08/17 09:13	156-59-2	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/08/17 09:13	156-60-5	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/08/17 09:13	78-87-5	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/08/17 09:13	142-28-9	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/08/17 09:13	594-20-7	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/08/17 09:13	563-58-6	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/08/17 09:13	10061-01-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/08/17 09:13	10061-02-6	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/08/17 09:13	108-20-3	W

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ANALYTICAL RESULTS

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154392

Sample: SB-51 1-1.5 **Lab ID: 40154392009** Collected: 08/02/17 10:40 Received: 08/03/17 09:25 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/08/17 09:13	100-41-4	W
Hexachloro-1,3-butadiene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/08/17 09:13	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/08/17 09:13	98-82-8	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/08/17 09:13	99-87-6	W
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/08/17 09:13	75-09-2	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/08/17 09:13	1634-04-4	W
Naphthalene	**67.6J**	ug/kg	297	47.6	1	08/07/17 08:00	08/08/17 09:13	91-20-3	
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/08/17 09:13	103-65-1	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/08/17 09:13	100-42-5	W
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/08/17 09:13	630-20-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/08/17 09:13	79-34-5	W
Tetrachloroethene	**244**	ug/kg	71.4	29.7	1	08/07/17 08:00	08/08/17 09:13	127-18-4	
Toluene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/08/17 09:13	108-88-3	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/08/17 09:13	87-61-6	W
1,2,4-Trichlorobenzene	**<47.6**	ug/kg	250	47.6	1	08/07/17 08:00	08/08/17 09:13	120-82-1	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/08/17 09:13	71-55-6	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/08/17 09:13	79-00-5	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/08/17 09:13	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/08/17 09:13	75-69-4	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/08/17 09:13	96-18-4	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/08/17 09:13	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/08/17 09:13	108-67-8	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/08/17 09:13	75-01-4	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	08/07/17 08:00	08/08/17 09:13	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/08/17 09:13	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	140	%	68-130		1	08/07/17 08:00	08/08/17 09:13	1868-53-7	S1
Toluene-d8 (S)	144	%	68-149		1	08/07/17 08:00	08/08/17 09:13	2037-26-5	
4-Bromofluorobenzene (S)	128	%	58-141		1	08/07/17 08:00	08/08/17 09:13	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**15.9**	%	0.10	0.10	1		08/14/17 11:15		

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ANALYTICAL RESULTS

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154392

Sample: SB-46 4-5 **Lab ID: 40154392010** Collected: 08/01/17 14:15 Received: 08/03/17 09:25 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB	Analytical Method: EPA 8082 Preparation Method: EPA 3541								
PCB-1016 (Aroclor 1016)	**<30.3**	ug/kg	60.6	30.3	1	08/08/17 13:03	08/10/17 15:44	12674-11-2	
PCB-1221 (Aroclor 1221)	**<30.3**	ug/kg	60.6	30.3	1	08/08/17 13:03	08/10/17 15:44	11104-28-2	
PCB-1232 (Aroclor 1232)	**<30.3**	ug/kg	60.6	30.3	1	08/08/17 13:03	08/10/17 15:44	11141-16-5	
PCB-1242 (Aroclor 1242)	**<30.3**	ug/kg	60.6	30.3	1	08/08/17 13:03	08/10/17 15:44	53469-21-9	
PCB-1248 (Aroclor 1248)	**<30.3**	ug/kg	60.6	30.3	1	08/08/17 13:03	08/10/17 15:44	12672-29-6	
PCB-1254 (Aroclor 1254)	**<30.3**	ug/kg	60.6	30.3	1	08/08/17 13:03	08/10/17 15:44	11097-69-1	
PCB-1260 (Aroclor 1260)	**<30.3**	ug/kg	60.6	30.3	1	08/08/17 13:03	08/10/17 15:44	11096-82-5	
PCB, Total	**<30.3**	ug/kg	60.6	30.3	1	08/08/17 13:03	08/10/17 15:44	1336-36-3	
Surrogates									
Tetrachloro-m-xylene (S)	75	%	50-102		1	08/08/17 13:03	08/10/17 15:44	877-09-8	
Decachlorobiphenyl (S)	78	%	53-105		1	08/08/17 13:03	08/10/17 15:44	2051-24-3	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050								
Arsenic	**2.7J**	mg/kg	6.0	1.3	1	08/09/17 11:44	08/10/17 13:04	7440-38-2	
Barium	**48.7**	mg/kg	0.60	0.18	1	08/09/17 11:44	08/10/17 13:04	7440-39-3	
Cadmium	**0.20J**	mg/kg	0.60	0.16	1	08/09/17 11:44	08/10/17 13:04	7440-43-9	
Chromium	**8.1**	mg/kg	1.2	0.34	1	08/09/17 11:44	08/10/17 13:04	7440-47-3	
Lead	**29.7**	mg/kg	1.6	0.52	1	08/09/17 11:44	08/10/17 13:04	7439-92-1	
Selenium	**<1.3**	mg/kg	6.0	1.3	1	08/09/17 11:44	08/10/17 13:04	7782-49-2	
Silver	**<0.42**	mg/kg	1.2	0.42	1	08/09/17 11:44	08/10/17 13:04	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471								
Mercury	**0.019J**	mg/kg	0.043	0.013	1	08/14/17 07:42	08/15/17 12:46	7439-97-6	
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546								
1,2,4-Trichlorobenzene	**<22.8**	ug/kg	76.1	22.8	1	08/14/17 11:07	08/15/17 17:48	120-82-1	
1,2-Dichlorobenzene	**<63.5**	ug/kg	212	63.5	1	08/14/17 11:07	08/15/17 17:48	95-50-1	
1,3-Dichlorobenzene	**<28.0**	ug/kg	93.3	28.0	1	08/14/17 11:07	08/15/17 17:48	541-73-1	
1,4-Dichlorobenzene	**<28.1**	ug/kg	93.8	28.1	1	08/14/17 11:07	08/15/17 17:48	106-46-7	
2,2'-Oxybis(1-chloropropane)	**<52.1**	ug/kg	174	52.1	1	08/14/17 11:07	08/15/17 17:48	108-60-1	
2,4,5-Trichlorophenol	**<35.7**	ug/kg	119	35.7	1	08/14/17 11:07	08/15/17 17:48	95-95-4	
2,4,6-Trichlorophenol	**<30.8**	ug/kg	103	30.8	1	08/14/17 11:07	08/15/17 17:48	88-06-2	
2,4-Dichlorophenol	**<54.0**	ug/kg	180	54.0	1	08/14/17 11:07	08/15/17 17:48	120-83-2	
2,4-Dimethylphenol	**<40.0**	ug/kg	133	40.0	1	08/14/17 11:07	08/15/17 17:48	105-67-9	
2,4-Dinitrophenol	**<61.5**	ug/kg	205	61.5	1	08/14/17 11:07	08/15/17 17:48	51-28-5	L1
2,4-Dinitrotoluene	**<28.9**	ug/kg	96.3	28.9	1	08/14/17 11:07	08/15/17 17:48	121-14-2	
2,6-Dinitrotoluene	**<38.4**	ug/kg	128	38.4	1	08/14/17 11:07	08/15/17 17:48	606-20-2	
2-Chloronaphthalene	**<25.9**	ug/kg	86.5	25.9	1	08/14/17 11:07	08/15/17 17:48	91-58-7	
2-Chlorophenol	**<50.4**	ug/kg	168	50.4	1	08/14/17 11:07	08/15/17 17:48	95-57-8	
2-Methylnaphthalene	**410**	ug/kg	175	52.5	1	08/14/17 11:07	08/15/17 17:48	91-57-6	
2-Methylphenol(o-Cresol)	**<36.7**	ug/kg	122	36.7	1	08/14/17 11:07	08/15/17 17:48	95-48-7	
2-Nitroaniline	**<57.6**	ug/kg	192	57.6	1	08/14/17 11:07	08/15/17 17:48	88-74-4	
2-Nitrophenol	**<63.8**	ug/kg	213	63.8	1	08/14/17 11:07	08/15/17 17:48	88-75-5	
3&4-Methylphenol(m&p Cresol)	**<37.0**	ug/kg	123	37.0	1	08/14/17 11:07	08/15/17 17:48		
3,3'-Dichlorobenzidine	**<54.8**	ug/kg	183	54.8	1	08/14/17 11:07	08/15/17 17:48	91-94-1	

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1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154392

Sample: SB-46 4-5 **Lab ID: 40154392010** Collected: 08/01/17 14:15 Received: 08/03/17 09:25 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270	Preparation Method: EPA 3546							
3-Nitroaniline	**<34.4**	ug/kg	115	34.4	1	08/14/17 11:07	08/15/17 17:48	99-09-2	
4,6-Dinitro-2-methylphenol	**<62.3**	ug/kg	208	62.3	1	08/14/17 11:07	08/15/17 17:48	534-52-1	
4-Bromophenylphenyl ether	**<42.3**	ug/kg	141	42.3	1	08/14/17 11:07	08/15/17 17:48	101-55-3	
4-Chloro-3-methylphenol	**<62.9**	ug/kg	210	62.9	1	08/14/17 11:07	08/15/17 17:48	59-50-7	
4-Chloroaniline	**<33.2**	ug/kg	111	33.2	1	08/14/17 11:07	08/15/17 17:48	106-47-8	
4-Chlorophenylphenyl ether	**<37.6**	ug/kg	125	37.6	1	08/14/17 11:07	08/15/17 17:48	7005-72-3	
4-Nitroaniline	**<83.9**	ug/kg	280	83.9	1	08/14/17 11:07	08/15/17 17:48	100-01-6	
4-Nitrophenol	**<50.9**	ug/kg	170	50.9	1	08/14/17 11:07	08/15/17 17:48	100-02-7	
Acenaphthene	**<71.6**	ug/kg	239	71.6	1	08/14/17 11:07	08/15/17 17:48	83-32-9	
Acenaphthylene	**<72.1**	ug/kg	240	72.1	1	08/14/17 11:07	08/15/17 17:48	208-96-8	
Anthracene	**85.6J**	ug/kg	108	32.3	1	08/14/17 11:07	08/15/17 17:48	120-12-7	
Benzo(a)anthracene	**212**	ug/kg	104	31.3	1	08/14/17 11:07	08/15/17 17:48	56-55-3	
Benzo(a)pyrene	**224**	ug/kg	101	30.4	1	08/14/17 11:07	08/15/17 17:48	50-32-8	
Benzo(b)fluoranthene	**144**	ug/kg	116	34.7	1	08/14/17 11:07	08/15/17 17:48	205-99-2	
Benzo(g,h,i)perylene	**443**	ug/kg	176	52.9	1	08/14/17 11:07	08/15/17 17:48	191-24-2	
Benzo(k)fluoranthene	**<48.4**	ug/kg	161	48.4	1	08/14/17 11:07	08/15/17 17:48	207-08-9	
Butylbenzylphthalate	**<32.4**	ug/kg	108	32.4	1	08/14/17 11:07	08/15/17 17:48	85-68-7	
Carbazole	**<31.6**	ug/kg	105	31.6	1	08/14/17 11:07	08/15/17 17:48	86-74-8	
Chrysene	**359**	ug/kg	101	30.2	1	08/14/17 11:07	08/15/17 17:48	218-01-9	
Di-n-butylphthalate	**<30.2**	ug/kg	101	30.2	1	08/14/17 11:07	08/15/17 17:48	84-74-2	L1
Di-n-octylphthalate	**<45.4**	ug/kg	151	45.4	1	08/14/17 11:07	08/15/17 17:48	117-84-0	
Dibenz(a,h)anthracene	**89.2J**	ug/kg	183	54.9	1	08/14/17 11:07	08/15/17 17:48	53-70-3	
Dibenzofuran	**80.5J**	ug/kg	81.5	24.5	1	08/14/17 11:07	08/15/17 17:48	132-64-9	
Diethylphthalate	**<33.5**	ug/kg	112	33.5	1	08/14/17 11:07	08/15/17 17:48	84-66-2	
Dimethylphthalate	**<26.3**	ug/kg	87.6	26.3	1	08/14/17 11:07	08/15/17 17:48	131-11-3	
Fluoranthene	**127**	ug/kg	95.3	28.6	1	08/14/17 11:07	08/15/17 17:48	206-44-0	
Fluorene	**30.2J**	ug/kg	78.7	23.6	1	08/14/17 11:07	08/15/17 17:48	86-73-7	
Hexachloro-1,3-butadiene	**<51.5**	ug/kg	172	51.5	1	08/14/17 11:07	08/15/17 17:48	87-68-3	
Hexachlorobenzene	**<34.0**	ug/kg	113	34.0	1	08/14/17 11:07	08/15/17 17:48	118-74-1	
Hexachlorocyclopentadiene	**<47.8**	ug/kg	159	47.8	1	08/14/17 11:07	08/15/17 17:48	77-47-4	
Hexachloroethane	**<32.3**	ug/kg	108	32.3	1	08/14/17 11:07	08/15/17 17:48	67-72-1	
Indeno(1,2,3-cd)pyrene	**140J**	ug/kg	146	43.7	1	08/14/17 11:07	08/15/17 17:48	193-39-5	
Isophorone	**<31.1**	ug/kg	104	31.1	1	08/14/17 11:07	08/15/17 17:48	78-59-1	
N-Nitroso-di-n-propylamine	**<32.0**	ug/kg	107	32.0	1	08/14/17 11:07	08/15/17 17:48	621-64-7	
N-Nitrosodiphenylamine	**<274**	ug/kg	914	274	1	08/14/17 11:07	08/15/17 17:48	86-30-6	
Naphthalene	**189J**	ug/kg	235	70.6	1	08/14/17 11:07	08/15/17 17:48	91-20-3	
Nitrobenzene	**<41.0**	ug/kg	137	41.0	1	08/14/17 11:07	08/15/17 17:48	98-95-3	
Pentachlorophenol	**<44.5**	ug/kg	148	44.5	1	08/14/17 11:07	08/15/17 17:48	87-86-5	
Phenanthrene	**528**	ug/kg	86.4	25.9	1	08/14/17 11:07	08/15/17 17:48	85-01-8	
Phenol	**<47.9**	ug/kg	160	47.9	1	08/14/17 11:07	08/15/17 17:48	108-95-2	
Pyrene	**312**	ug/kg	149	44.8	1	08/14/17 11:07	08/15/17 17:48	129-00-0	
bis(2-Chloroethoxy)methane	**<54.4**	ug/kg	181	54.4	1	08/14/17 11:07	08/15/17 17:48	111-91-1	
bis(2-Chloroethyl) ether	**<63.1**	ug/kg	210	63.1	1	08/14/17 11:07	08/15/17 17:48	111-44-4	
bis(2-Ethylhexyl)phthalate	**<33.6**	ug/kg	112	33.6	1	08/14/17 11:07	08/15/17 17:48	117-81-7	

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ANALYTICAL RESULTS

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154392

Sample: SB-46 4-5 **Lab ID: 40154392010** Collected: 08/01/17 14:15 Received: 08/03/17 09:25 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546								
Surrogates									
Nitrobenzene-d5 (S)	81	%	13-114		1	08/14/17 11:07	08/15/17 17:48	4165-60-0	
2-Fluorobiphenyl (S)	75	%	18-127		1	08/14/17 11:07	08/15/17 17:48	321-60-8	
Terphenyl-d14 (S)	89	%	41-109		1	08/14/17 11:07	08/15/17 17:48	1718-51-0	
Phenol-d6 (S)	62	%	30-97		1	08/14/17 11:07	08/15/17 17:48	13127-88-3	
2-Fluorophenol (S)	63	%	16-103		1	08/14/17 11:07	08/15/17 17:48	367-12-4	
2,4,6-Tribromophenol (S)	71	%	13-143		1	08/14/17 11:07	08/15/17 17:48	118-79-6	
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 16:45	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 16:45	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 16:45	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 16:45	75-27-4	W
Bromoform	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 16:45	75-25-2	W
Bromomethane	**<69.9**	ug/kg	250	69.9	1	08/07/17 08:00	08/07/17 16:45	74-83-9	W
n-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 16:45	104-51-8	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 16:45	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 16:45	98-06-6	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 16:45	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 16:45	108-90-7	W
Chloroethane	**<67.0**	ug/kg	250	67.0	1	08/07/17 08:00	08/07/17 16:45	75-00-3	W
Chloroform	**<46.4**	ug/kg	250	46.4	1	08/07/17 08:00	08/07/17 16:45	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 16:45	74-87-3	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 16:45	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 16:45	106-43-4	W
1,2-Dibromo-3-chloropropane	**<91.2**	ug/kg	250	91.2	1	08/07/17 08:00	08/07/17 16:45	96-12-8	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 16:45	124-48-1	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 16:45	106-93-4	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 16:45	74-95-3	W
1,2-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 16:45	95-50-1	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 16:45	541-73-1	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 16:45	106-46-7	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 16:45	75-71-8	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 16:45	75-34-3	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 16:45	107-06-2	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 16:45	75-35-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 16:45	156-59-2	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 16:45	156-60-5	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 16:45	78-87-5	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 16:45	142-28-9	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 16:45	594-20-7	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 16:45	563-58-6	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 16:45	10061-01-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 16:45	10061-02-6	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 16:45	108-20-3	W

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ANALYTICAL RESULTS

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154392

Sample: SB-46 4-5 **Lab ID: 40154392010** Collected: 08/01/17 14:15 Received: 08/03/17 09:25 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 16:45	100-41-4	W
Hexachloro-1,3-butadiene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 16:45	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 16:45	98-82-8	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 16:45	99-87-6	W
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 16:45	75-09-2	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 16:45	1634-04-4	W
Naphthalene	**51.3J**	ug/kg	303	48.5	1	08/07/17 08:00	08/07/17 16:45	91-20-3	
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 16:45	103-65-1	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 16:45	100-42-5	W
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 16:45	630-20-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 16:45	79-34-5	W
Tetrachloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 16:45	127-18-4	W
Toluene	**39.2J**	ug/kg	72.7	30.3	1	08/07/17 08:00	08/07/17 16:45	108-88-3	
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 16:45	87-61-6	W
1,2,4-Trichlorobenzene	**<47.6**	ug/kg	250	47.6	1	08/07/17 08:00	08/07/17 16:45	120-82-1	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 16:45	71-55-6	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 16:45	79-00-5	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 16:45	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 16:45	75-69-4	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 16:45	96-18-4	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 16:45	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 16:45	108-67-8	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 16:45	75-01-4	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	08/07/17 08:00	08/07/17 16:45	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 16:45	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	105	%	68-130		1	08/07/17 08:00	08/07/17 16:45	1868-53-7	
Toluene-d8 (S)	105	%	68-149		1	08/07/17 08:00	08/07/17 16:45	2037-26-5	
4-Bromofluorobenzene (S)	93	%	58-141		1	08/07/17 08:00	08/07/17 16:45	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**17.5**	%	0.10	0.10	1		08/14/17 11:15		

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1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154392

Sample: SB-45 2-3 **Lab ID: 40154392011** Collected: 08/01/17 13:30 Received: 08/03/17 09:25 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB	Analytical Method: EPA 8082 Preparation Method: EPA 3541								
PCB-1016 (Aroclor 1016)	**<27.6**	ug/kg	55.2	27.6	1	08/08/17 13:03	08/10/17 16:05	12674-11-2	
PCB-1221 (Aroclor 1221)	**<27.6**	ug/kg	55.2	27.6	1	08/08/17 13:03	08/10/17 16:05	11104-28-2	
PCB-1232 (Aroclor 1232)	**<27.6**	ug/kg	55.2	27.6	1	08/08/17 13:03	08/10/17 16:05	11141-16-5	
PCB-1242 (Aroclor 1242)	**<27.6**	ug/kg	55.2	27.6	1	08/08/17 13:03	08/10/17 16:05	53469-21-9	
PCB-1248 (Aroclor 1248)	**<27.6**	ug/kg	55.2	27.6	1	08/08/17 13:03	08/10/17 16:05	12672-29-6	
PCB-1254 (Aroclor 1254)	**<27.6**	ug/kg	55.2	27.6	1	08/08/17 13:03	08/10/17 16:05	11097-69-1	
PCB-1260 (Aroclor 1260)	**<27.6**	ug/kg	55.2	27.6	1	08/08/17 13:03	08/10/17 16:05	11096-82-5	
PCB, Total	**<27.6**	ug/kg	55.2	27.6	1	08/08/17 13:03	08/10/17 16:05	1336-36-3	
Surrogates									
Tetrachloro-m-xylene (S)	79	%	50-102		1	08/08/17 13:03	08/10/17 16:05	877-09-8	
Decachlorobiphenyl (S)	84	%	53-105		1	08/08/17 13:03	08/10/17 16:05	2051-24-3	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050								
Arsenic	**2.7J**	mg/kg	5.1	1.1	1	08/09/17 11:44	08/10/17 13:07	7440-38-2	
Barium	**32.9**	mg/kg	0.51	0.15	1	08/09/17 11:44	08/10/17 13:07	7440-39-3	
Cadmium	**<0.14**	mg/kg	0.51	0.14	1	08/09/17 11:44	08/10/17 13:07	7440-43-9	
Chromium	**7.7**	mg/kg	1.0	0.29	1	08/09/17 11:44	08/10/17 13:07	7440-47-3	
Lead	**6.9**	mg/kg	1.3	0.44	1	08/09/17 11:44	08/10/17 13:07	7439-92-1	
Selenium	**<1.1**	mg/kg	5.1	1.1	1	08/09/17 11:44	08/10/17 13:07	7782-49-2	
Silver	**<0.35**	mg/kg	1.0	0.35	1	08/09/17 11:44	08/10/17 13:07	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471								
Mercury	**<0.011**	mg/kg	0.037	0.011	1	08/14/17 07:42	08/15/17 12:48	7439-97-6	
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546								
1,2,4-Trichlorobenzene	**<20.8**	ug/kg	69.4	20.8	1	08/14/17 11:07	08/15/17 18:09	120-82-1	
1,2-Dichlorobenzene	**<57.9**	ug/kg	193	57.9	1	08/14/17 11:07	08/15/17 18:09	95-50-1	
1,3-Dichlorobenzene	**<25.5**	ug/kg	85.0	25.5	1	08/14/17 11:07	08/15/17 18:09	541-73-1	
1,4-Dichlorobenzene	**<25.7**	ug/kg	85.5	25.7	1	08/14/17 11:07	08/15/17 18:09	106-46-7	
2,2'-Oxybis(1-chloropropane)	**<47.5**	ug/kg	158	47.5	1	08/14/17 11:07	08/15/17 18:09	108-60-1	
2,4,5-Trichlorophenol	**<32.5**	ug/kg	108	32.5	1	08/14/17 11:07	08/15/17 18:09	95-95-4	
2,4,6-Trichlorophenol	**<28.1**	ug/kg	93.6	28.1	1	08/14/17 11:07	08/15/17 18:09	88-06-2	
2,4-Dichlorophenol	**<49.2**	ug/kg	164	49.2	1	08/14/17 11:07	08/15/17 18:09	120-83-2	
2,4-Dimethylphenol	**<36.4**	ug/kg	121	36.4	1	08/14/17 11:07	08/15/17 18:09	105-67-9	
2,4-Dinitrophenol	**<56.1**	ug/kg	187	56.1	1	08/14/17 11:07	08/15/17 18:09	51-28-5	L1
2,4-Dinitrotoluene	**<26.3**	ug/kg	87.8	26.3	1	08/14/17 11:07	08/15/17 18:09	121-14-2	
2,6-Dinitrotoluene	**<35.0**	ug/kg	117	35.0	1	08/14/17 11:07	08/15/17 18:09	606-20-2	
2-Chloronaphthalene	**<23.6**	ug/kg	78.8	23.6	1	08/14/17 11:07	08/15/17 18:09	91-58-7	
2-Chlorophenol	**<46.0**	ug/kg	153	46.0	1	08/14/17 11:07	08/15/17 18:09	95-57-8	
2-Methylnaphthalene	**367**	ug/kg	159	47.8	1	08/14/17 11:07	08/15/17 18:09	91-57-6	
2-Methylphenol(o-Cresol)	**<33.5**	ug/kg	112	33.5	1	08/14/17 11:07	08/15/17 18:09	95-48-7	
2-Nitroaniline	**<52.5**	ug/kg	175	52.5	1	08/14/17 11:07	08/15/17 18:09	88-74-4	
2-Nitrophenol	**<58.1**	ug/kg	194	58.1	1	08/14/17 11:07	08/15/17 18:09	88-75-5	
3&4-Methylphenol(m&p Cresol)	**<33.7**	ug/kg	112	33.7	1	08/14/17 11:07	08/15/17 18:09		
3,3'-Dichlorobenzidine	**<50.0**	ug/kg	167	50.0	1	08/14/17 11:07	08/15/17 18:09	91-94-1	

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ANALYTICAL RESULTS

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154392

Sample: SB-45 2-3 **Lab ID: 40154392011** Collected: 08/01/17 13:30 Received: 08/03/17 09:25 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546								
3-Nitroaniline	**<31.3**	ug/kg	104	31.3	1	08/14/17 11:07	08/15/17 18:09	99-09-2	
4,6-Dinitro-2-methylphenol	**<56.8**	ug/kg	189	56.8	1	08/14/17 11:07	08/15/17 18:09	534-52-1	
4-Bromophenylphenyl ether	**<38.6**	ug/kg	129	38.6	1	08/14/17 11:07	08/15/17 18:09	101-55-3	
4-Chloro-3-methylphenol	**<57.3**	ug/kg	191	57.3	1	08/14/17 11:07	08/15/17 18:09	59-50-7	
4-Chloroaniline	**<30.3**	ug/kg	101	30.3	1	08/14/17 11:07	08/15/17 18:09	106-47-8	
4-Chlorophenylphenyl ether	**<34.3**	ug/kg	114	34.3	1	08/14/17 11:07	08/15/17 18:09	7005-72-3	
4-Nitroaniline	**<76.4**	ug/kg	255	76.4	1	08/14/17 11:07	08/15/17 18:09	100-01-6	
4-Nitrophenol	**<46.4**	ug/kg	155	46.4	1	08/14/17 11:07	08/15/17 18:09	100-02-7	
Acenaphthene	**<65.3**	ug/kg	218	65.3	1	08/14/17 11:07	08/15/17 18:09	83-32-9	
Acenaphthylene	**<65.7**	ug/kg	219	65.7	1	08/14/17 11:07	08/15/17 18:09	208-96-8	
Anthracene	**48.9J**	ug/kg	98.1	29.4	1	08/14/17 11:07	08/15/17 18:09	120-12-7	
Benzo(a)anthracene	**84.1J**	ug/kg	95.1	28.5	1	08/14/17 11:07	08/15/17 18:09	56-55-3	
Benzo(a)pyrene	**71.7J**	ug/kg	92.4	27.7	1	08/14/17 11:07	08/15/17 18:09	50-32-8	
Benzo(b)fluoranthene	**69.0J**	ug/kg	105	31.6	1	08/14/17 11:07	08/15/17 18:09	205-99-2	
Benzo(g,h,i)perylene	**116J**	ug/kg	161	48.2	1	08/14/17 11:07	08/15/17 18:09	191-24-2	
Benzo(k)fluoranthene	**<44.1**	ug/kg	147	44.1	1	08/14/17 11:07	08/15/17 18:09	207-08-9	
Butylbenzylphthalate	**<29.5**	ug/kg	98.4	29.5	1	08/14/17 11:07	08/15/17 18:09	85-68-7	
Carbazole	**<28.8**	ug/kg	96.1	28.8	1	08/14/17 11:07	08/15/17 18:09	86-74-8	
Chrysene	**127**	ug/kg	91.8	27.5	1	08/14/17 11:07	08/15/17 18:09	218-01-9	
Di-n-butylphthalate	**<27.5**	ug/kg	91.7	27.5	1	08/14/17 11:07	08/15/17 18:09	84-74-2	L1
Di-n-octylphthalate	**<41.4**	ug/kg	138	41.4	1	08/14/17 11:07	08/15/17 18:09	117-84-0	
Dibenz(a,h)anthracene	**<50.0**	ug/kg	167	50.0	1	08/14/17 11:07	08/15/17 18:09	53-70-3	
Dibenzofuran	**90.7**	ug/kg	74.3	22.3	1	08/14/17 11:07	08/15/17 18:09	132-64-9	
Diethylphthalate	**<30.5**	ug/kg	102	30.5	1	08/14/17 11:07	08/15/17 18:09	84-66-2	
Dimethylphthalate	**<24.0**	ug/kg	79.8	24.0	1	08/14/17 11:07	08/15/17 18:09	131-11-3	
Fluoranthene	**95.5**	ug/kg	86.8	26.1	1	08/14/17 11:07	08/15/17 18:09	206-44-0	
Fluorene	**<21.5**	ug/kg	71.7	21.5	1	08/14/17 11:07	08/15/17 18:09	86-73-7	
Hexachloro-1,3-butadiene	**<46.9**	ug/kg	156	46.9	1	08/14/17 11:07	08/15/17 18:09	87-68-3	
Hexachlorobenzene	**<31.0**	ug/kg	103	31.0	1	08/14/17 11:07	08/15/17 18:09	118-74-1	
Hexachlorocyclopentadiene	**<43.6**	ug/kg	145	43.6	1	08/14/17 11:07	08/15/17 18:09	77-47-4	
Hexachloroethane	**<29.5**	ug/kg	98.2	29.5	1	08/14/17 11:07	08/15/17 18:09	67-72-1	
Indeno(1,2,3-cd)pyrene	**58.5J**	ug/kg	133	39.8	1	08/14/17 11:07	08/15/17 18:09	193-39-5	
Isophorone	**<28.3**	ug/kg	94.4	28.3	1	08/14/17 11:07	08/15/17 18:09	78-59-1	
N-Nitroso-di-n-propylamine	**<29.2**	ug/kg	97.3	29.2	1	08/14/17 11:07	08/15/17 18:09	621-64-7	
N-Nitrosodiphenylamine	**<250**	ug/kg	833	250	1	08/14/17 11:07	08/15/17 18:09	86-30-6	
Naphthalene	**148J**	ug/kg	215	64.4	1	08/14/17 11:07	08/15/17 18:09	91-20-3	
Nitrobenzene	**<37.3**	ug/kg	124	37.3	1	08/14/17 11:07	08/15/17 18:09	98-95-3	
Pentachlorophenol	**<40.6**	ug/kg	135	40.6	1	08/14/17 11:07	08/15/17 18:09	87-86-5	
Phenanthrene	**362**	ug/kg	78.7	23.6	1	08/14/17 11:07	08/15/17 18:09	85-01-8	
Phenol	**<43.7**	ug/kg	146	43.7	1	08/14/17 11:07	08/15/17 18:09	108-95-2	
Pyrene	**158**	ug/kg	136	40.8	1	08/14/17 11:07	08/15/17 18:09	129-00-0	
bis(2-Chloroethoxy)methane	**<49.6**	ug/kg	165	49.6	1	08/14/17 11:07	08/15/17 18:09	111-91-1	
bis(2-Chloroethyl) ether	**<57.5**	ug/kg	192	57.5	1	08/14/17 11:07	08/15/17 18:09	111-44-4	
bis(2-Ethylhexyl)phthalate	**<30.6**	ug/kg	102	30.6	1	08/14/17 11:07	08/15/17 18:09	117-81-7	

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ANALYTICAL RESULTS

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154392

Sample: SB-45 2-3 **Lab ID: 40154392011** Collected: 08/01/17 13:30 Received: 08/03/17 09:25 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546								
Surrogates									
Nitrobenzene-d5 (S)	65	%	13-114		1	08/14/17 11:07	08/15/17 18:09	4165-60-0	
2-Fluorobiphenyl (S)	71	%	18-127		1	08/14/17 11:07	08/15/17 18:09	321-60-8	
Terphenyl-d14 (S)	71	%	41-109		1	08/14/17 11:07	08/15/17 18:09	1718-51-0	
Phenol-d6 (S)	53	%	30-97		1	08/14/17 11:07	08/15/17 18:09	13127-88-3	
2-Fluorophenol (S)	53	%	16-103		1	08/14/17 11:07	08/15/17 18:09	367-12-4	
2,4,6-Tribromophenol (S)	73	%	13-143		1	08/14/17 11:07	08/15/17 18:09	118-79-6	
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Benzene	**53.6J**	ug/kg	66.2	27.6	1	08/07/17 08:00	08/07/17 17:08	71-43-2	
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 17:08	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 17:08	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 17:08	75-27-4	W
Bromoform	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 17:08	75-25-2	W
Bromomethane	**<69.9**	ug/kg	250	69.9	1	08/07/17 08:00	08/07/17 17:08	74-83-9	W
n-Butylbenzene	**32.0J**	ug/kg	66.2	27.6	1	08/07/17 08:00	08/07/17 17:08	104-51-8	
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 17:08	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 17:08	98-06-6	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 17:08	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 17:08	108-90-7	W
Chloroethane	**<67.0**	ug/kg	250	67.0	1	08/07/17 08:00	08/07/17 17:08	75-00-3	W
Chloroform	**<46.4**	ug/kg	250	46.4	1	08/07/17 08:00	08/07/17 17:08	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 17:08	74-87-3	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 17:08	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 17:08	106-43-4	W
1,2-Dibromo-3-chloropropane	**<91.2**	ug/kg	250	91.2	1	08/07/17 08:00	08/07/17 17:08	96-12-8	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 17:08	124-48-1	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 17:08	106-93-4	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 17:08	74-95-3	W
1,2-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 17:08	95-50-1	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 17:08	541-73-1	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 17:08	106-46-7	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 17:08	75-71-8	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 17:08	75-34-3	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 17:08	107-06-2	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 17:08	75-35-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 17:08	156-59-2	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 17:08	156-60-5	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 17:08	78-87-5	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 17:08	142-28-9	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 17:08	594-20-7	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 17:08	563-58-6	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 17:08	10061-01-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 17:08	10061-02-6	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 17:08	108-20-3	W

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ANALYTICAL RESULTS

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154392

Sample: SB-45 2-3 **Lab ID: 40154392011** Collected: 08/01/17 13:30 Received: 08/03/17 09:25 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Ethylbenzene	**82.8**	ug/kg	66.2	27.6	1	08/07/17 08:00	08/07/17 17:08	100-41-4	
Hexachloro-1,3-butadiene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 17:08	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 17:08	98-82-8	W
p-Isopropyltoluene	**33.9J**	ug/kg	66.2	27.6	1	08/07/17 08:00	08/07/17 17:08	99-87-6	
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 17:08	75-09-2	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 17:08	1634-04-4	W
Naphthalene	**196J**	ug/kg	276	44.2	1	08/07/17 08:00	08/07/17 17:08	91-20-3	
n-Propylbenzene	**37.3J**	ug/kg	66.2	27.6	1	08/07/17 08:00	08/07/17 17:08	103-65-1	
Styrene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 17:08	100-42-5	W
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 17:08	630-20-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 17:08	79-34-5	W
Tetrachloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 17:08	127-18-4	W
Toluene	**143**	ug/kg	66.2	27.6	1	08/07/17 08:00	08/07/17 17:08	108-88-3	
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 17:08	87-61-6	W
1,2,4-Trichlorobenzene	**<47.6**	ug/kg	250	47.6	1	08/07/17 08:00	08/07/17 17:08	120-82-1	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 17:08	71-55-6	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 17:08	79-00-5	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 17:08	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 17:08	75-69-4	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 17:08	96-18-4	W
1,2,4-Trimethylbenzene	**193**	ug/kg	66.2	27.6	1	08/07/17 08:00	08/07/17 17:08	95-63-6	
1,3,5-Trimethylbenzene	**65.3J**	ug/kg	66.2	27.6	1	08/07/17 08:00	08/07/17 17:08	108-67-8	
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 17:08	75-01-4	W
m&p-Xylene	**190**	ug/kg	132	55.2	1	08/07/17 08:00	08/07/17 17:08	179601-23-1	
o-Xylene	**152**	ug/kg	66.2	27.6	1	08/07/17 08:00	08/07/17 17:08	95-47-6	
Surrogates									
Dibromofluoromethane (S)	110	%	68-130		1	08/07/17 08:00	08/07/17 17:08	1868-53-7	
Toluene-d8 (S)	112	%	68-149		1	08/07/17 08:00	08/07/17 17:08	2037-26-5	
4-Bromofluorobenzene (S)	100	%	58-141		1	08/07/17 08:00	08/07/17 17:08	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**9.3**	%	0.10	0.10	1		08/14/17 11:15		

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ANALYTICAL RESULTS

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154392

Sample: SB-12 1-1.5 **Lab ID: 40154392012** Collected: 08/01/17 15:20 Received: 08/03/17 09:25 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB	Analytical Method: EPA 8082 Preparation Method: EPA 3541								
PCB-1016 (Aroclor 1016)	**<29.6**	ug/kg	59.2	29.6	1	08/08/17 13:03	08/10/17 09:42	12674-11-2	
PCB-1221 (Aroclor 1221)	**<29.6**	ug/kg	59.2	29.6	1	08/08/17 13:03	08/10/17 09:42	11104-28-2	
PCB-1232 (Aroclor 1232)	**<29.6**	ug/kg	59.2	29.6	1	08/08/17 13:03	08/10/17 09:42	11141-16-5	
PCB-1242 (Aroclor 1242)	**<29.6**	ug/kg	59.2	29.6	1	08/08/17 13:03	08/10/17 09:42	53469-21-9	
PCB-1248 (Aroclor 1248)	**<29.6**	ug/kg	59.2	29.6	1	08/08/17 13:03	08/10/17 09:42	12672-29-6	
PCB-1254 (Aroclor 1254)	**<29.6**	ug/kg	59.2	29.6	1	08/08/17 13:03	08/10/17 09:42	11097-69-1	
PCB-1260 (Aroclor 1260)	**<29.6**	ug/kg	59.2	29.6	1	08/08/17 13:03	08/10/17 09:42	11096-82-5	
PCB, Total	**<29.6**	ug/kg	59.2	29.6	1	08/08/17 13:03	08/10/17 09:42	1336-36-3	
Surrogates									
Tetrachloro-m-xylene (S)	81	%	50-102		1	08/08/17 13:03	08/10/17 09:42	877-09-8	
Decachlorobiphenyl (S)	84	%	53-105		1	08/08/17 13:03	08/10/17 09:42	2051-24-3	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050								
Arsenic	**6.4**	mg/kg	5.6	1.2	1	08/09/17 11:44	08/10/17 13:09	7440-38-2	
Barium	**161**	mg/kg	0.56	0.17	1	08/09/17 11:44	08/10/17 13:09	7440-39-3	
Cadmium	**0.43J**	mg/kg	0.56	0.15	1	08/09/17 11:44	08/10/17 13:09	7440-43-9	
Chromium	**22.0**	mg/kg	1.1	0.31	1	08/09/17 11:44	08/10/17 13:09	7440-47-3	
Lead	**27.5**	mg/kg	1.5	0.48	1	08/09/17 11:44	08/10/17 13:09	7439-92-1	
Selenium	**<1.2**	mg/kg	5.6	1.2	1	08/09/17 11:44	08/10/17 13:09	7782-49-2	
Silver	**<0.38**	mg/kg	1.1	0.38	1	08/09/17 11:44	08/10/17 13:09	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471								
Mercury	**0.025J**	mg/kg	0.041	0.012	1	08/14/17 07:42	08/15/17 12:50	7439-97-6	
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546								
1,2,4-Trichlorobenzene	**<22.3**	ug/kg	74.5	22.3	1	08/14/17 11:07	08/15/17 18:31	120-82-1	
1,2-Dichlorobenzene	**<62.2**	ug/kg	207	62.2	1	08/14/17 11:07	08/15/17 18:31	95-50-1	
1,3-Dichlorobenzene	**<27.4**	ug/kg	91.3	27.4	1	08/14/17 11:07	08/15/17 18:31	541-73-1	
1,4-Dichlorobenzene	**<27.5**	ug/kg	91.8	27.5	1	08/14/17 11:07	08/15/17 18:31	106-46-7	
2,2'-Oxybis(1-chloropropane)	**<51.0**	ug/kg	170	51.0	1	08/14/17 11:07	08/15/17 18:31	108-60-1	
2,4,5-Trichlorophenol	**<34.9**	ug/kg	116	34.9	1	08/14/17 11:07	08/15/17 18:31	95-95-4	
2,4,6-Trichlorophenol	**<30.1**	ug/kg	100	30.1	1	08/14/17 11:07	08/15/17 18:31	88-06-2	
2,4-Dichlorophenol	**<52.8**	ug/kg	176	52.8	1	08/14/17 11:07	08/15/17 18:31	120-83-2	
2,4-Dimethylphenol	**<39.1**	ug/kg	130	39.1	1	08/14/17 11:07	08/15/17 18:31	105-67-9	
2,4-Dinitrophenol	**<60.2**	ug/kg	201	60.2	1	08/14/17 11:07	08/15/17 18:31	51-28-5	L1
2,4-Dinitrotoluene	**<28.3**	ug/kg	94.2	28.3	1	08/14/17 11:07	08/15/17 18:31	121-14-2	
2,6-Dinitrotoluene	**<37.5**	ug/kg	125	37.5	1	08/14/17 11:07	08/15/17 18:31	606-20-2	
2-Chloronaphthalene	**<25.4**	ug/kg	84.6	25.4	1	08/14/17 11:07	08/15/17 18:31	91-58-7	
2-Chlorophenol	**<49.3**	ug/kg	164	49.3	1	08/14/17 11:07	08/15/17 18:31	95-57-8	
2-Methylnaphthalene	**69.8J**	ug/kg	171	51.3	1	08/14/17 11:07	08/15/17 18:31	91-57-6	
2-Methylphenol(o-Cresol)	**<35.9**	ug/kg	120	35.9	1	08/14/17 11:07	08/15/17 18:31	95-48-7	
2-Nitroaniline	**<56.3**	ug/kg	188	56.3	1	08/14/17 11:07	08/15/17 18:31	88-74-4	
2-Nitrophenol	**<62.4**	ug/kg	208	62.4	1	08/14/17 11:07	08/15/17 18:31	88-75-5	
3&4-Methylphenol(m&p Cresol)	**<36.2**	ug/kg	121	36.2	1	08/14/17 11:07	08/15/17 18:31		
3,3'-Dichlorobenzidine	**<53.6**	ug/kg	179	53.6	1	08/14/17 11:07	08/15/17 18:31	91-94-1	

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ANALYTICAL RESULTS

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154392

Sample: SB-12 1-1.5 **Lab ID: 40154392012** Collected: 08/01/17 15:20 Received: 08/03/17 09:25 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270	Preparation Method: EPA 3546							
3-Nitroaniline	**<33.6**	ug/kg	112	33.6	1	08/14/17 11:07	08/15/17 18:31	99-09-2	
4,6-Dinitro-2-methylphenol	**<60.9**	ug/kg	203	60.9	1	08/14/17 11:07	08/15/17 18:31	534-52-1	
4-Bromophenylphenyl ether	**<41.4**	ug/kg	138	41.4	1	08/14/17 11:07	08/15/17 18:31	101-55-3	
4-Chloro-3-methylphenol	**<61.5**	ug/kg	205	61.5	1	08/14/17 11:07	08/15/17 18:31	59-50-7	
4-Chloroaniline	**<32.5**	ug/kg	108	32.5	1	08/14/17 11:07	08/15/17 18:31	106-47-8	
4-Chlorophenylphenyl ether	**<36.8**	ug/kg	123	36.8	1	08/14/17 11:07	08/15/17 18:31	7005-72-3	
4-Nitroaniline	**<82.1**	ug/kg	274	82.1	1	08/14/17 11:07	08/15/17 18:31	100-01-6	
4-Nitrophenol	**<49.8**	ug/kg	166	49.8	1	08/14/17 11:07	08/15/17 18:31	100-02-7	
Acenaphthene	**106J**	ug/kg	234	70.1	1	08/14/17 11:07	08/15/17 18:31	83-32-9	
Acenaphthylene	**81.5J**	ug/kg	235	70.5	1	08/14/17 11:07	08/15/17 18:31	208-96-8	
Anthracene	**358**	ug/kg	105	31.6	1	08/14/17 11:07	08/15/17 18:31	120-12-7	
Benzo(a)anthracene	**913**	ug/kg	102	30.6	1	08/14/17 11:07	08/15/17 18:31	56-55-3	
Benzo(a)pyrene	**1030**	ug/kg	99.2	29.7	1	08/14/17 11:07	08/15/17 18:31	50-32-8	
Benzo(b)fluoranthene	**1160**	ug/kg	113	34.0	1	08/14/17 11:07	08/15/17 18:31	205-99-2	
Benzo(g,h,i)perylene	**676**	ug/kg	172	51.7	1	08/14/17 11:07	08/15/17 18:31	191-24-2	
Benzo(k)fluoranthene	**536**	ug/kg	158	47.3	1	08/14/17 11:07	08/15/17 18:31	207-08-9	
Butylbenzylphthalate	**80.7J**	ug/kg	106	31.7	1	08/14/17 11:07	08/15/17 18:31	85-68-7	
Carbazole	**149**	ug/kg	103	31.0	1	08/14/17 11:07	08/15/17 18:31	86-74-8	
Chrysene	**1070**	ug/kg	98.5	29.6	1	08/14/17 11:07	08/15/17 18:31	218-01-9	
Di-n-butylphthalate	**<29.5**	ug/kg	98.5	29.5	1	08/14/17 11:07	08/15/17 18:31	84-74-2	L1
Di-n-octylphthalate	**<44.5**	ug/kg	148	44.5	1	08/14/17 11:07	08/15/17 18:31	117-84-0	
Dibenz(a,h)anthracene	**155J**	ug/kg	179	53.7	1	08/14/17 11:07	08/15/17 18:31	53-70-3	
Dibenzofuran	**54.5J**	ug/kg	79.8	23.9	1	08/14/17 11:07	08/15/17 18:31	132-64-9	
Diethylphthalate	**<32.8**	ug/kg	109	32.8	1	08/14/17 11:07	08/15/17 18:31	84-66-2	
Dimethylphthalate	**<25.7**	ug/kg	85.7	25.7	1	08/14/17 11:07	08/15/17 18:31	131-11-3	
Fluoranthene	**2320**	ug/kg	93.2	28.0	1	08/14/17 11:07	08/15/17 18:31	206-44-0	
Fluorene	**119**	ug/kg	77.0	23.1	1	08/14/17 11:07	08/15/17 18:31	86-73-7	
Hexachloro-1,3-butadiene	**<50.4**	ug/kg	168	50.4	1	08/14/17 11:07	08/15/17 18:31	87-68-3	
Hexachlorobenzene	**<33.2**	ug/kg	111	33.2	1	08/14/17 11:07	08/15/17 18:31	118-74-1	
Hexachlorocyclopentadiene	**<46.8**	ug/kg	156	46.8	1	08/14/17 11:07	08/15/17 18:31	77-47-4	
Hexachloroethane	**<31.6**	ug/kg	105	31.6	1	08/14/17 11:07	08/15/17 18:31	67-72-1	
Indeno(1,2,3-cd)pyrene	**724**	ug/kg	143	42.8	1	08/14/17 11:07	08/15/17 18:31	193-39-5	
Isophorone	**<30.4**	ug/kg	101	30.4	1	08/14/17 11:07	08/15/17 18:31	78-59-1	
N-Nitroso-di-n-propylamine	**<31.4**	ug/kg	105	31.4	1	08/14/17 11:07	08/15/17 18:31	621-64-7	
N-Nitrosodiphenylamine	**<268**	ug/kg	894	268	1	08/14/17 11:07	08/15/17 18:31	86-30-6	
Naphthalene	**<69.1**	ug/kg	230	69.1	1	08/14/17 11:07	08/15/17 18:31	91-20-3	
Nitrobenzene	**<40.1**	ug/kg	134	40.1	1	08/14/17 11:07	08/15/17 18:31	98-95-3	
Pentachlorophenol	**<43.5**	ug/kg	145	43.5	1	08/14/17 11:07	08/15/17 18:31	87-86-5	
Phenanthrene	**1270**	ug/kg	84.5	25.4	1	08/14/17 11:07	08/15/17 18:31	85-01-8	
Phenol	**<46.9**	ug/kg	156	46.9	1	08/14/17 11:07	08/15/17 18:31	108-95-2	
Pyrene	**1760**	ug/kg	146	43.8	1	08/14/17 11:07	08/15/17 18:31	129-00-0	
bis(2-Chloroethoxy)methane	**<53.2**	ug/kg	177	53.2	1	08/14/17 11:07	08/15/17 18:31	111-91-1	
bis(2-Chloroethyl) ether	**<61.7**	ug/kg	206	61.7	1	08/14/17 11:07	08/15/17 18:31	111-44-4	
bis(2-Ethylhexyl)phthalate	**<32.9**	ug/kg	110	32.9	1	08/14/17 11:07	08/15/17 18:31	117-81-7	

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ANALYTICAL RESULTS

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154392

Sample: SB-12 1-1.5 **Lab ID: 40154392012** Collected: 08/01/17 15:20 Received: 08/03/17 09:25 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546								
Surrogates									
Nitrobenzene-d5 (S)	77	%	13-114		1	08/14/17 11:07	08/15/17 18:31	4165-60-0	
2-Fluorobiphenyl (S)	75	%	18-127		1	08/14/17 11:07	08/15/17 18:31	321-60-8	
Terphenyl-d14 (S)	84	%	41-109		1	08/14/17 11:07	08/15/17 18:31	1718-51-0	
Phenol-d6 (S)	57	%	30-97		1	08/14/17 11:07	08/15/17 18:31	13127-88-3	
2-Fluorophenol (S)	17	%	16-103		1	08/14/17 11:07	08/15/17 18:31	367-12-4	
2,4,6-Tribromophenol (S)	6	%	13-143		1	08/14/17 11:07	08/15/17 18:31	118-79-6	S0
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 17:30	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 17:30	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 17:30	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 17:30	75-27-4	W
Bromoform	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 17:30	75-25-2	W
Bromomethane	**<69.9**	ug/kg	250	69.9	1	08/07/17 08:00	08/07/17 17:30	74-83-9	W
n-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 17:30	104-51-8	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 17:30	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 17:30	98-06-6	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 17:30	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 17:30	108-90-7	W
Chloroethane	**<67.0**	ug/kg	250	67.0	1	08/07/17 08:00	08/07/17 17:30	75-00-3	W
Chloroform	**<46.4**	ug/kg	250	46.4	1	08/07/17 08:00	08/07/17 17:30	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 17:30	74-87-3	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 17:30	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 17:30	106-43-4	W
1,2-Dibromo-3-chloropropane	**<91.2**	ug/kg	250	91.2	1	08/07/17 08:00	08/07/17 17:30	96-12-8	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 17:30	124-48-1	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 17:30	106-93-4	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 17:30	74-95-3	W
1,2-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 17:30	95-50-1	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 17:30	541-73-1	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 17:30	106-46-7	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 17:30	75-71-8	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 17:30	75-34-3	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 17:30	107-06-2	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 17:30	75-35-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 17:30	156-59-2	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 17:30	156-60-5	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 17:30	78-87-5	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 17:30	142-28-9	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 17:30	594-20-7	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 17:30	563-58-6	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 17:30	10061-01-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 17:30	10061-02-6	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 17:30	108-20-3	W

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ANALYTICAL RESULTS

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154392

Sample: SB-12 1-1.5 **Lab ID: 40154392012** Collected: 08/01/17 15:20 Received: 08/03/17 09:25 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 17:30	100-41-4	W
Hexachloro-1,3-butadiene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 17:30	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 17:30	98-82-8	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 17:30	99-87-6	W
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 17:30	75-09-2	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 17:30	1634-04-4	W
Naphthalene	**<40.0**	ug/kg	250	40.0	1	08/07/17 08:00	08/07/17 17:30	91-20-3	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 17:30	103-65-1	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 17:30	100-42-5	W
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 17:30	630-20-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 17:30	79-34-5	W
Tetrachloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 17:30	127-18-4	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 17:30	108-88-3	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 17:30	87-61-6	W
1,2,4-Trichlorobenzene	**<47.6**	ug/kg	250	47.6	1	08/07/17 08:00	08/07/17 17:30	120-82-1	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 17:30	71-55-6	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 17:30	79-00-5	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 17:30	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 17:30	75-69-4	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 17:30	96-18-4	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 17:30	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 17:30	108-67-8	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 17:30	75-01-4	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	08/07/17 08:00	08/07/17 17:30	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 17:30	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	105	%	68-130		1	08/07/17 08:00	08/07/17 17:30	1868-53-7	
Toluene-d8 (S)	111	%	68-149		1	08/07/17 08:00	08/07/17 17:30	2037-26-5	
4-Bromofluorobenzene (S)	101	%	58-141		1	08/07/17 08:00	08/07/17 17:30	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**15.5**	%	0.10	0.10	1		08/14/17 11:15		

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ANALYTICAL RESULTS

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154392

Sample: SB-40 4-5 **Lab ID: 40154392013** Collected: 08/01/17 13:50 Received: 08/03/17 09:25 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB	Analytical Method: EPA 8082 Preparation Method: EPA 3541								
PCB-1016 (Aroclor 1016)	**<40.9**	ug/kg	81.7	40.9	1	08/08/17 13:03	08/10/17 16:27	12674-11-2	
PCB-1221 (Aroclor 1221)	**<40.9**	ug/kg	81.7	40.9	1	08/08/17 13:03	08/10/17 16:27	11104-28-2	
PCB-1232 (Aroclor 1232)	**<40.9**	ug/kg	81.7	40.9	1	08/08/17 13:03	08/10/17 16:27	11141-16-5	
PCB-1242 (Aroclor 1242)	**<40.9**	ug/kg	81.7	40.9	1	08/08/17 13:03	08/10/17 16:27	53469-21-9	
PCB-1248 (Aroclor 1248)	**<40.9**	ug/kg	81.7	40.9	1	08/08/17 13:03	08/10/17 16:27	12672-29-6	
PCB-1254 (Aroclor 1254)	**<40.9**	ug/kg	81.7	40.9	1	08/08/17 13:03	08/10/17 16:27	11097-69-1	
PCB-1260 (Aroclor 1260)	**<40.9**	ug/kg	81.7	40.9	1	08/08/17 13:03	08/10/17 16:27	11096-82-5	
PCB, Total	**<40.9**	ug/kg	81.7	40.9	1	08/08/17 13:03	08/10/17 16:27	1336-36-3	
Surrogates									
Tetrachloro-m-xylene (S)	80	%	50-102		1	08/08/17 13:03	08/10/17 16:27	877-09-8	
Decachlorobiphenyl (S)	75	%	53-105		1	08/08/17 13:03	08/10/17 16:27	2051-24-3	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050								
Arsenic	**4.9J**	mg/kg	8.1	1.7	1	08/09/17 11:44	08/10/17 13:12	7440-38-2	
Barium	**113**	mg/kg	0.81	0.24	1	08/09/17 11:44	08/10/17 13:12	7440-39-3	
Cadmium	**1.2**	mg/kg	0.81	0.22	1	08/09/17 11:44	08/10/17 13:12	7440-43-9	
Chromium	**21.2**	mg/kg	1.6	0.45	1	08/09/17 11:44	08/10/17 13:12	7440-47-3	
Lead	**48.8**	mg/kg	2.1	0.71	1	08/09/17 11:44	08/10/17 13:12	7439-92-1	
Selenium	**1.9J**	mg/kg	8.1	1.8	1	08/09/17 11:44	08/10/17 13:12	7782-49-2	
Silver	**<0.56**	mg/kg	1.6	0.56	1	08/09/17 11:44	08/10/17 13:12	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471								
Mercury	**0.13**	mg/kg	0.060	0.018	1	08/14/17 07:42	08/15/17 12:53	7439-97-6	
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546								
1,2,4-Trichlorobenzene	**<30.8**	ug/kg	103	30.8	1	08/14/17 11:07	08/15/17 17:05	120-82-1	
1,2-Dichlorobenzene	**<85.8**	ug/kg	286	85.8	1	08/14/17 11:07	08/15/17 17:05	95-50-1	
1,3-Dichlorobenzene	**<37.8**	ug/kg	126	37.8	1	08/14/17 11:07	08/15/17 17:05	541-73-1	
1,4-Dichlorobenzene	**<38.0**	ug/kg	127	38.0	1	08/14/17 11:07	08/15/17 17:05	106-46-7	
2,2'-Oxybis(1-chloropropane)	**<70.3**	ug/kg	234	70.3	1	08/14/17 11:07	08/15/17 17:05	108-60-1	
2,4,5-Trichlorophenol	**<48.2**	ug/kg	161	48.2	1	08/14/17 11:07	08/15/17 17:05	95-95-4	
2,4,6-Trichlorophenol	**<41.6**	ug/kg	139	41.6	1	08/14/17 11:07	08/15/17 17:05	88-06-2	
2,4-Dichlorophenol	**<72.9**	ug/kg	243	72.9	1	08/14/17 11:07	08/15/17 17:05	120-83-2	
2,4-Dimethylphenol	**<53.9**	ug/kg	180	53.9	1	08/14/17 11:07	08/15/17 17:05	105-67-9	
2,4-Dinitrophenol	**<83.1**	ug/kg	277	83.1	1	08/14/17 11:07	08/15/17 17:05	51-28-5	L1
2,4-Dinitrotoluene	**<39.0**	ug/kg	130	39.0	1	08/14/17 11:07	08/15/17 17:05	121-14-2	
2,6-Dinitrotoluene	**<51.8**	ug/kg	173	51.8	1	08/14/17 11:07	08/15/17 17:05	606-20-2	
2-Chloronaphthalene	**<35.0**	ug/kg	117	35.0	1	08/14/17 11:07	08/15/17 17:05	91-58-7	
2-Chlorophenol	**<68.1**	ug/kg	227	68.1	1	08/14/17 11:07	08/15/17 17:05	95-57-8	
2-Methylnaphthalene	**<70.8**	ug/kg	236	70.8	1	08/14/17 11:07	08/15/17 17:05	91-57-6	
2-Methylphenol(o-Cresol)	**<49.6**	ug/kg	165	49.6	1	08/14/17 11:07	08/15/17 17:05	95-48-7	
2-Nitroaniline	**<77.7**	ug/kg	259	77.7	1	08/14/17 11:07	08/15/17 17:05	88-74-4	
2-Nitrophenol	**<86.1**	ug/kg	287	86.1	1	08/14/17 11:07	08/15/17 17:05	88-75-5	
3&4-Methylphenol(m&p Cresol)	**<50.0**	ug/kg	167	50.0	1	08/14/17 11:07	08/15/17 17:05		
3,3'-Dichlorobenzidine	**<74.0**	ug/kg	247	74.0	1	08/14/17 11:07	08/15/17 17:05	91-94-1	

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ANALYTICAL RESULTS

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154392

Sample: SB-40 4-5 **Lab ID: 40154392013** Collected: 08/01/17 13:50 Received: 08/03/17 09:25 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546								
3-Nitroaniline	**<46.4**	ug/kg	155	46.4	1	08/14/17 11:07	08/15/17 17:05	99-09-2	
4,6-Dinitro-2-methylphenol	**<84.1**	ug/kg	280	84.1	1	08/14/17 11:07	08/15/17 17:05	534-52-1	
4-Bromophenylphenyl ether	**<57.1**	ug/kg	190	57.1	1	08/14/17 11:07	08/15/17 17:05	101-55-3	
4-Chloro-3-methylphenol	**<84.9**	ug/kg	283	84.9	1	08/14/17 11:07	08/15/17 17:05	59-50-7	
4-Chloroaniline	**<44.8**	ug/kg	149	44.8	1	08/14/17 11:07	08/15/17 17:05	106-47-8	
4-Chlorophenylphenyl ether	**<50.8**	ug/kg	169	50.8	1	08/14/17 11:07	08/15/17 17:05	7005-72-3	
4-Nitroaniline	**<113**	ug/kg	377	113	1	08/14/17 11:07	08/15/17 17:05	100-01-6	
4-Nitrophenol	**<68.7**	ug/kg	229	68.7	1	08/14/17 11:07	08/15/17 17:05	100-02-7	
Acenaphthene	**<96.7**	ug/kg	322	96.7	1	08/14/17 11:07	08/15/17 17:05	83-32-9	
Acenaphthylene	**<97.3**	ug/kg	324	97.3	1	08/14/17 11:07	08/15/17 17:05	208-96-8	
Anthracene	**<43.6**	ug/kg	145	43.6	1	08/14/17 11:07	08/15/17 17:05	120-12-7	
Benzo(a)anthracene	**90.0J**	ug/kg	141	42.2	1	08/14/17 11:07	08/15/17 17:05	56-55-3	
Benzo(a)pyrene	**114J**	ug/kg	137	41.0	1	08/14/17 11:07	08/15/17 17:05	50-32-8	
Benzo(b)fluoranthene	**157**	ug/kg	156	46.9	1	08/14/17 11:07	08/15/17 17:05	205-99-2	
Benzo(g,h,i)perylene	**124J**	ug/kg	238	71.4	1	08/14/17 11:07	08/15/17 17:05	191-24-2	
Benzo(k)fluoranthene	**67.2J**	ug/kg	218	65.3	1	08/14/17 11:07	08/15/17 17:05	207-08-9	
Butylbenzylphthalate	**<43.7**	ug/kg	146	43.7	1	08/14/17 11:07	08/15/17 17:05	85-68-7	
Carbazole	**<42.7**	ug/kg	142	42.7	1	08/14/17 11:07	08/15/17 17:05	86-74-8	
Chrysene	**133J**	ug/kg	136	40.8	1	08/14/17 11:07	08/15/17 17:05	218-01-9	
Di-n-butylphthalate	**<40.8**	ug/kg	136	40.8	1	08/14/17 11:07	08/15/17 17:05	84-74-2	L1
Di-n-octylphthalate	**<61.3**	ug/kg	204	61.3	1	08/14/17 11:07	08/15/17 17:05	117-84-0	
Dibenz(a,h)anthracene	**<74.1**	ug/kg	247	74.1	1	08/14/17 11:07	08/15/17 17:05	53-70-3	
Dibenzofuran	**<33.0**	ug/kg	110	33.0	1	08/14/17 11:07	08/15/17 17:05	132-64-9	
Diethylphthalate	**<45.2**	ug/kg	151	45.2	1	08/14/17 11:07	08/15/17 17:05	84-66-2	
Dimethylphthalate	**<35.5**	ug/kg	118	35.5	1	08/14/17 11:07	08/15/17 17:05	131-11-3	
Fluoranthene	**291**	ug/kg	129	38.6	1	08/14/17 11:07	08/15/17 17:05	206-44-0	
Fluorene	**<31.9**	ug/kg	106	31.9	1	08/14/17 11:07	08/15/17 17:05	86-73-7	
Hexachloro-1,3-butadiene	**<69.5**	ug/kg	232	69.5	1	08/14/17 11:07	08/15/17 17:05	87-68-3	
Hexachlorobenzene	**<45.9**	ug/kg	153	45.9	1	08/14/17 11:07	08/15/17 17:05	118-74-1	
Hexachlorocyclopentadiene	**<64.6**	ug/kg	215	64.6	1	08/14/17 11:07	08/15/17 17:05	77-47-4	
Hexachloroethane	**<43.7**	ug/kg	146	43.7	1	08/14/17 11:07	08/15/17 17:05	67-72-1	
Indeno(1,2,3-cd)pyrene	**142J**	ug/kg	197	59.0	1	08/14/17 11:07	08/15/17 17:05	193-39-5	
Isophorone	**<41.9**	ug/kg	140	41.9	1	08/14/17 11:07	08/15/17 17:05	78-59-1	
N-Nitroso-di-n-propylamine	**<43.3**	ug/kg	144	43.3	1	08/14/17 11:07	08/15/17 17:05	621-64-7	
N-Nitrosodiphenylamine	**<370**	ug/kg	1230	370	1	08/14/17 11:07	08/15/17 17:05	86-30-6	
Naphthalene	**<95.4**	ug/kg	318	95.4	1	08/14/17 11:07	08/15/17 17:05	91-20-3	
Nitrobenzene	**<55.3**	ug/kg	184	55.3	1	08/14/17 11:07	08/15/17 17:05	98-95-3	
Pentachlorophenol	**<60.1**	ug/kg	200	60.1	1	08/14/17 11:07	08/15/17 17:05	87-86-5	
Phenanthrene	**179**	ug/kg	117	35.0	1	08/14/17 11:07	08/15/17 17:05	85-01-8	
Phenol	**114J**	ug/kg	216	64.7	1	08/14/17 11:07	08/15/17 17:05	108-95-2	
Pyrene	**213**	ug/kg	202	60.5	1	08/14/17 11:07	08/15/17 17:05	129-00-0	
bis(2-Chloroethoxy)methane	**<73.5**	ug/kg	245	73.5	1	08/14/17 11:07	08/15/17 17:05	111-91-1	
bis(2-Chloroethyl) ether	**<85.2**	ug/kg	284	85.2	1	08/14/17 11:07	08/15/17 17:05	111-44-4	
bis(2-Ethylhexyl)phthalate	**<45.4**	ug/kg	151	45.4	1	08/14/17 11:07	08/15/17 17:05	117-81-7	

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ANALYTICAL RESULTS

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154392

Sample: SB-40 4-5 **Lab ID: 40154392013** Collected: 08/01/17 13:50 Received: 08/03/17 09:25 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546								
Surrogates									
Nitrobenzene-d5 (S)	65	%	13-114		1	08/14/17 11:07	08/15/17 17:05	4165-60-0	
2-Fluorobiphenyl (S)	66	%	18-127		1	08/14/17 11:07	08/15/17 17:05	321-60-8	
Terphenyl-d14 (S)	77	%	41-109		1	08/14/17 11:07	08/15/17 17:05	1718-51-0	
Phenol-d6 (S)	51	%	30-97		1	08/14/17 11:07	08/15/17 17:05	13127-88-3	
2-Fluorophenol (S)	54	%	16-103		1	08/14/17 11:07	08/15/17 17:05	367-12-4	
2,4,6-Tribromophenol (S)	77	%	13-143		1	08/14/17 11:07	08/15/17 17:05	118-79-6	
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/07/17 21:44	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/07/17 21:44	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/07/17 21:44	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/07/17 21:44	75-27-4	W
Bromoform	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/07/17 21:44	75-25-2	W
Bromomethane	**<69.9**	ug/kg	250	69.9	1	08/07/17 08:15	08/07/17 21:44	74-83-9	W
n-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/07/17 21:44	104-51-8	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/07/17 21:44	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/07/17 21:44	98-06-6	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/07/17 21:44	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/07/17 21:44	108-90-7	W
Chloroethane	**<67.0**	ug/kg	250	67.0	1	08/07/17 08:15	08/07/17 21:44	75-00-3	W
Chloroform	**<46.4**	ug/kg	250	46.4	1	08/07/17 08:15	08/07/17 21:44	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/07/17 21:44	74-87-3	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/07/17 21:44	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/07/17 21:44	106-43-4	W
1,2-Dibromo-3-chloropropane	**<91.2**	ug/kg	250	91.2	1	08/07/17 08:15	08/07/17 21:44	96-12-8	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/07/17 21:44	124-48-1	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/07/17 21:44	106-93-4	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/07/17 21:44	74-95-3	W
1,2-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/07/17 21:44	95-50-1	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/07/17 21:44	541-73-1	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/07/17 21:44	106-46-7	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/07/17 21:44	75-71-8	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/07/17 21:44	75-34-3	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/07/17 21:44	107-06-2	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/07/17 21:44	75-35-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/07/17 21:44	156-59-2	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/07/17 21:44	156-60-5	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/07/17 21:44	78-87-5	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/07/17 21:44	142-28-9	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/07/17 21:44	594-20-7	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/07/17 21:44	563-58-6	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/07/17 21:44	10061-01-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/07/17 21:44	10061-02-6	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/07/17 21:44	108-20-3	W

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ANALYTICAL RESULTS

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154392

Sample: SB-40 4-5 **Lab ID: 40154392013** Collected: 08/01/17 13:50 Received: 08/03/17 09:25 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/07/17 21:44	100-41-4	W
Hexachloro-1,3-butadiene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/07/17 21:44	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/07/17 21:44	98-82-8	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/07/17 21:44	99-87-6	W
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/07/17 21:44	75-09-2	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/07/17 21:44	1634-04-4	W
Naphthalene	**<40.0**	ug/kg	250	40.0	1	08/07/17 08:15	08/07/17 21:44	91-20-3	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/07/17 21:44	103-65-1	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/07/17 21:44	100-42-5	W
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/07/17 21:44	630-20-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/07/17 21:44	79-34-5	W
Tetrachloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/07/17 21:44	127-18-4	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/07/17 21:44	108-88-3	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/07/17 21:44	87-61-6	W
1,2,4-Trichlorobenzene	**<47.6**	ug/kg	250	47.6	1	08/07/17 08:15	08/07/17 21:44	120-82-1	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/07/17 21:44	71-55-6	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/07/17 21:44	79-00-5	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/07/17 21:44	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/07/17 21:44	75-69-4	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/07/17 21:44	96-18-4	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/07/17 21:44	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/07/17 21:44	108-67-8	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/07/17 21:44	75-01-4	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	08/07/17 08:15	08/07/17 21:44	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/07/17 21:44	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	130	%	68-130		1	08/07/17 08:15	08/07/17 21:44	1868-53-7	
Toluene-d8 (S)	123	%	68-149		1	08/07/17 08:15	08/07/17 21:44	2037-26-5	
4-Bromofluorobenzene (S)	104	%	58-141		1	08/07/17 08:15	08/07/17 21:44	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**38.8**	%	0.10	0.10	1		08/14/17 11:15		

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ANALYTICAL RESULTS

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154392

Sample: SB-41 1-1.5 **Lab ID: 40154392014** Collected: 08/01/17 14:30 Received: 08/03/17 09:25 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB	Analytical Method: EPA 8082 Preparation Method: EPA 3541								
PCB-1016 (Aroclor 1016)	**<32.2**	ug/kg	64.5	32.2	1	08/08/17 13:03	08/10/17 16:48	12674-11-2	
PCB-1221 (Aroclor 1221)	**<32.2**	ug/kg	64.5	32.2	1	08/08/17 13:03	08/10/17 16:48	11104-28-2	
PCB-1232 (Aroclor 1232)	**<32.2**	ug/kg	64.5	32.2	1	08/08/17 13:03	08/10/17 16:48	11141-16-5	
PCB-1242 (Aroclor 1242)	**<32.2**	ug/kg	64.5	32.2	1	08/08/17 13:03	08/10/17 16:48	53469-21-9	
PCB-1248 (Aroclor 1248)	**<32.2**	ug/kg	64.5	32.2	1	08/08/17 13:03	08/10/17 16:48	12672-29-6	
PCB-1254 (Aroclor 1254)	**<32.2**	ug/kg	64.5	32.2	1	08/08/17 13:03	08/10/17 16:48	11097-69-1	
PCB-1260 (Aroclor 1260)	**<32.2**	ug/kg	64.5	32.2	1	08/08/17 13:03	08/10/17 16:48	11096-82-5	
PCB, Total	**<32.2**	ug/kg	64.5	32.2	1	08/08/17 13:03	08/10/17 16:48	1336-36-3	
Surrogates									
Tetrachloro-m-xylene (S)	71	%	50-102		1	08/08/17 13:03	08/10/17 16:48	877-09-8	
Decachlorobiphenyl (S)	75	%	53-105		1	08/08/17 13:03	08/10/17 16:48	2051-24-3	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050								
Arsenic	**3.8J**	mg/kg	5.9	1.2	1	08/09/17 11:44	08/10/17 13:14	7440-38-2	
Barium	**109**	mg/kg	0.59	0.18	1	08/09/17 11:44	08/10/17 13:14	7440-39-3	
Cadmium	**0.39J**	mg/kg	0.59	0.16	1	08/09/17 11:44	08/10/17 13:14	7440-43-9	
Chromium	**14.8**	mg/kg	1.2	0.33	1	08/09/17 11:44	08/10/17 13:14	7440-47-3	
Lead	**24.7**	mg/kg	1.5	0.51	1	08/09/17 11:44	08/10/17 13:14	7439-92-1	
Selenium	**1.3J**	mg/kg	5.9	1.3	1	08/09/17 11:44	08/10/17 13:14	7782-49-2	
Silver	**<0.41**	mg/kg	1.2	0.41	1	08/09/17 11:44	08/10/17 13:14	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471								
Mercury	**0.022J**	mg/kg	0.044	0.013	1	08/14/17 07:42	08/15/17 12:55	7439-97-6	
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546								
1,2,4-Trichlorobenzene	**<24.3**	ug/kg	81.0	24.3	1	08/14/17 11:07	08/15/17 18:52	120-82-1	
1,2-Dichlorobenzene	**<67.6**	ug/kg	225	67.6	1	08/14/17 11:07	08/15/17 18:52	95-50-1	
1,3-Dichlorobenzene	**<29.8**	ug/kg	99.3	29.8	1	08/14/17 11:07	08/15/17 18:52	541-73-1	
1,4-Dichlorobenzene	**<30.0**	ug/kg	99.9	30.0	1	08/14/17 11:07	08/15/17 18:52	106-46-7	
2,2'-Oxybis(1-chloropropane)	**<55.5**	ug/kg	185	55.5	1	08/14/17 11:07	08/15/17 18:52	108-60-1	
2,4,5-Trichlorophenol	**<38.0**	ug/kg	127	38.0	1	08/14/17 11:07	08/15/17 18:52	95-95-4	
2,4,6-Trichlorophenol	**<32.8**	ug/kg	109	32.8	1	08/14/17 11:07	08/15/17 18:52	88-06-2	
2,4-Dichlorophenol	**<57.5**	ug/kg	192	57.5	1	08/14/17 11:07	08/15/17 18:52	120-83-2	
2,4-Dimethylphenol	**<42.5**	ug/kg	142	42.5	1	08/14/17 11:07	08/15/17 18:52	105-67-9	
2,4-Dinitrophenol	**<65.5**	ug/kg	218	65.5	1	08/14/17 11:07	08/15/17 18:52	51-28-5	L1
2,4-Dinitrotoluene	**<30.8**	ug/kg	103	30.8	1	08/14/17 11:07	08/15/17 18:52	121-14-2	
2,6-Dinitrotoluene	**<40.8**	ug/kg	136	40.8	1	08/14/17 11:07	08/15/17 18:52	606-20-2	
2-Chloronaphthalene	**<27.6**	ug/kg	92.0	27.6	1	08/14/17 11:07	08/15/17 18:52	91-58-7	
2-Chlorophenol	**<53.7**	ug/kg	179	53.7	1	08/14/17 11:07	08/15/17 18:52	95-57-8	
2-Methylnaphthalene	**<55.8**	ug/kg	186	55.8	1	08/14/17 11:07	08/15/17 18:52	91-57-6	
2-Methylphenol(o-Cresol)	**<39.1**	ug/kg	130	39.1	1	08/14/17 11:07	08/15/17 18:52	95-48-7	
2-Nitroaniline	**<61.3**	ug/kg	204	61.3	1	08/14/17 11:07	08/15/17 18:52	88-74-4	
2-Nitrophenol	**<67.9**	ug/kg	226	67.9	1	08/14/17 11:07	08/15/17 18:52	88-75-5	
3&4-Methylphenol(m&p Cresol)	**<39.4**	ug/kg	131	39.4	1	08/14/17 11:07	08/15/17 18:52		
3,3'-Dichlorobenzidine	**<58.3**	ug/kg	194	58.3	1	08/14/17 11:07	08/15/17 18:52	91-94-1	

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ANALYTICAL RESULTS

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154392

Sample: SB-41 1-1.5 **Lab ID: 40154392014** Collected: 08/01/17 14:30 Received: 08/03/17 09:25 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546								
3-Nitroaniline	**<36.6**	ug/kg	122	36.6	1	08/14/17 11:07	08/15/17 18:52	99-09-2	
4,6-Dinitro-2-methylphenol	**<66.3**	ug/kg	221	66.3	1	08/14/17 11:07	08/15/17 18:52	534-52-1	
4-Bromophenylphenyl ether	**<45.0**	ug/kg	150	45.0	1	08/14/17 11:07	08/15/17 18:52	101-55-3	
4-Chloro-3-methylphenol	**<66.9**	ug/kg	223	66.9	1	08/14/17 11:07	08/15/17 18:52	59-50-7	
4-Chloroaniline	**<35.3**	ug/kg	118	35.3	1	08/14/17 11:07	08/15/17 18:52	106-47-8	
4-Chlorophenylphenyl ether	**<40.1**	ug/kg	133	40.1	1	08/14/17 11:07	08/15/17 18:52	7005-72-3	
4-Nitroaniline	**<89.2**	ug/kg	297	89.2	1	08/14/17 11:07	08/15/17 18:52	100-01-6	
4-Nitrophenol	**<54.1**	ug/kg	180	54.1	1	08/14/17 11:07	08/15/17 18:52	100-02-7	
Acenaphthene	**<76.3**	ug/kg	254	76.3	1	08/14/17 11:07	08/15/17 18:52	83-32-9	
Acenaphthylene	**<76.7**	ug/kg	256	76.7	1	08/14/17 11:07	08/15/17 18:52	208-96-8	
Anthracene	**<34.4**	ug/kg	115	34.4	1	08/14/17 11:07	08/15/17 18:52	120-12-7	
Benzo(a)anthracene	**115**	ug/kg	111	33.3	1	08/14/17 11:07	08/15/17 18:52	56-55-3	
Benzo(a)pyrene	**87.6J**	ug/kg	108	32.4	1	08/14/17 11:07	08/15/17 18:52	50-32-8	
Benzo(b)fluoranthene	**104J**	ug/kg	123	36.9	1	08/14/17 11:07	08/15/17 18:52	205-99-2	
Benzo(g,h,i)perylene	**96.1J**	ug/kg	188	56.3	1	08/14/17 11:07	08/15/17 18:52	191-24-2	
Benzo(k)fluoranthene	**<51.5**	ug/kg	172	51.5	1	08/14/17 11:07	08/15/17 18:52	207-08-9	
Butylbenzylphthalate	**<34.5**	ug/kg	115	34.5	1	08/14/17 11:07	08/15/17 18:52	85-68-7	
Carbazole	**<33.7**	ug/kg	112	33.7	1	08/14/17 11:07	08/15/17 18:52	86-74-8	
Chrysene	**179**	ug/kg	107	32.2	1	08/14/17 11:07	08/15/17 18:52	218-01-9	
Di-n-butylphthalate	**<32.1**	ug/kg	107	32.1	1	08/14/17 11:07	08/15/17 18:52	84-74-2	L1
Di-n-octylphthalate	**<48.3**	ug/kg	161	48.3	1	08/14/17 11:07	08/15/17 18:52	117-84-0	
Dibenz(a,h)anthracene	**<58.4**	ug/kg	195	58.4	1	08/14/17 11:07	08/15/17 18:52	53-70-3	
Dibenzofuran	**119**	ug/kg	86.8	26.0	1	08/14/17 11:07	08/15/17 18:52	132-64-9	
Diethylphthalate	**<35.7**	ug/kg	119	35.7	1	08/14/17 11:07	08/15/17 18:52	84-66-2	
Dimethylphthalate	**<28.0**	ug/kg	93.2	28.0	1	08/14/17 11:07	08/15/17 18:52	131-11-3	
Fluoranthene	**212**	ug/kg	101	30.4	1	08/14/17 11:07	08/15/17 18:52	206-44-0	
Fluorene	**29.1J**	ug/kg	83.8	25.1	1	08/14/17 11:07	08/15/17 18:52	86-73-7	
Hexachloro-1,3-butadiene	**<54.8**	ug/kg	183	54.8	1	08/14/17 11:07	08/15/17 18:52	87-68-3	
Hexachlorobenzene	**<36.2**	ug/kg	121	36.2	1	08/14/17 11:07	08/15/17 18:52	118-74-1	
Hexachlorocyclopentadiene	**<50.9**	ug/kg	170	50.9	1	08/14/17 11:07	08/15/17 18:52	77-47-4	
Hexachloroethane	**<34.4**	ug/kg	115	34.4	1	08/14/17 11:07	08/15/17 18:52	67-72-1	
Indeno(1,2,3-cd)pyrene	**70.5J**	ug/kg	155	46.5	1	08/14/17 11:07	08/15/17 18:52	193-39-5	
Isophorone	**<33.1**	ug/kg	110	33.1	1	08/14/17 11:07	08/15/17 18:52	78-59-1	
N-Nitroso-di-n-propylamine	**<34.1**	ug/kg	114	34.1	1	08/14/17 11:07	08/15/17 18:52	621-64-7	
N-Nitrosodiphenylamine	**<292**	ug/kg	973	292	1	08/14/17 11:07	08/15/17 18:52	86-30-6	
Naphthalene	**<75.2**	ug/kg	251	75.2	1	08/14/17 11:07	08/15/17 18:52	91-20-3	
Nitrobenzene	**<43.6**	ug/kg	145	43.6	1	08/14/17 11:07	08/15/17 18:52	98-95-3	
Pentachlorophenol	**<47.4**	ug/kg	158	47.4	1	08/14/17 11:07	08/15/17 18:52	87-86-5	
Phenanthrene	**702**	ug/kg	92.0	27.6	1	08/14/17 11:07	08/15/17 18:52	85-01-8	
Phenol	**<51.0**	ug/kg	170	51.0	1	08/14/17 11:07	08/15/17 18:52	108-95-2	
Pyrene	**217**	ug/kg	159	47.7	1	08/14/17 11:07	08/15/17 18:52	129-00-0	
bis(2-Chloroethoxy)methane	**<57.9**	ug/kg	193	57.9	1	08/14/17 11:07	08/15/17 18:52	111-91-1	
bis(2-Chloroethyl) ether	**<67.1**	ug/kg	224	67.1	1	08/14/17 11:07	08/15/17 18:52	111-44-4	
bis(2-Ethylhexyl)phthalate	**<35.8**	ug/kg	119	35.8	1	08/14/17 11:07	08/15/17 18:52	117-81-7	

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ANALYTICAL RESULTS

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154392

Sample: SB-41 1-1.5 **Lab ID: 40154392014** Collected: 08/01/17 14:30 Received: 08/03/17 09:25 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546								
Surrogates									
Nitrobenzene-d5 (S)	83	%	13-114		1	08/14/17 11:07	08/15/17 18:52	4165-60-0	
2-Fluorobiphenyl (S)	76	%	18-127		1	08/14/17 11:07	08/15/17 18:52	321-60-8	
Terphenyl-d14 (S)	86	%	41-109		1	08/14/17 11:07	08/15/17 18:52	1718-51-0	
Phenol-d6 (S)	48	%	30-97		1	08/14/17 11:07	08/15/17 18:52	13127-88-3	
2-Fluorophenol (S)	47	%	16-103		1	08/14/17 11:07	08/15/17 18:52	367-12-4	
2,4,6-Tribromophenol (S)	89	%	13-143		1	08/14/17 11:07	08/15/17 18:52	118-79-6	
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Benzene	**<27.8**	ug/kg	66.7	27.8	1	08/07/17 08:15	08/07/17 22:08	71-43-2	W
Bromobenzene	**<27.8**	ug/kg	66.7	27.8	1	08/07/17 08:15	08/07/17 22:08	108-86-1	W
Bromochloromethane	**<27.8**	ug/kg	66.7	27.8	1	08/07/17 08:15	08/07/17 22:08	74-97-5	W
Bromodichloromethane	**<27.8**	ug/kg	66.7	27.8	1	08/07/17 08:15	08/07/17 22:08	75-27-4	W
Bromoform	**<27.8**	ug/kg	66.7	27.8	1	08/07/17 08:15	08/07/17 22:08	75-25-2	W
Bromomethane	**<77.7**	ug/kg	278	77.7	1	08/07/17 08:15	08/07/17 22:08	74-83-9	W
n-Butylbenzene	**<27.8**	ug/kg	66.7	27.8	1	08/07/17 08:15	08/07/17 22:08	104-51-8	W
sec-Butylbenzene	**<27.8**	ug/kg	66.7	27.8	1	08/07/17 08:15	08/07/17 22:08	135-98-8	W
tert-Butylbenzene	**<27.8**	ug/kg	66.7	27.8	1	08/07/17 08:15	08/07/17 22:08	98-06-6	W
Carbon tetrachloride	**<27.8**	ug/kg	66.7	27.8	1	08/07/17 08:15	08/07/17 22:08	56-23-5	W
Chlorobenzene	**<27.8**	ug/kg	66.7	27.8	1	08/07/17 08:15	08/07/17 22:08	108-90-7	W
Chloroethane	**<74.5**	ug/kg	278	74.5	1	08/07/17 08:15	08/07/17 22:08	75-00-3	W
Chloroform	**<51.6**	ug/kg	278	51.6	1	08/07/17 08:15	08/07/17 22:08	67-66-3	W
Chloromethane	**<27.8**	ug/kg	66.7	27.8	1	08/07/17 08:15	08/07/17 22:08	74-87-3	W
2-Chlorotoluene	**<27.8**	ug/kg	66.7	27.8	1	08/07/17 08:15	08/07/17 22:08	95-49-8	W
4-Chlorotoluene	**<27.8**	ug/kg	66.7	27.8	1	08/07/17 08:15	08/07/17 22:08	106-43-4	W
1,2-Dibromo-3-chloropropane	**<101**	ug/kg	278	101	1	08/07/17 08:15	08/07/17 22:08	96-12-8	W
Dibromochloromethane	**<27.8**	ug/kg	66.7	27.8	1	08/07/17 08:15	08/07/17 22:08	124-48-1	W
1,2-Dibromoethane (EDB)	**<27.8**	ug/kg	66.7	27.8	1	08/07/17 08:15	08/07/17 22:08	106-93-4	W
Dibromomethane	**<27.8**	ug/kg	66.7	27.8	1	08/07/17 08:15	08/07/17 22:08	74-95-3	W
1,2-Dichlorobenzene	**<27.8**	ug/kg	66.7	27.8	1	08/07/17 08:15	08/07/17 22:08	95-50-1	W
1,3-Dichlorobenzene	**<27.8**	ug/kg	66.7	27.8	1	08/07/17 08:15	08/07/17 22:08	541-73-1	W
1,4-Dichlorobenzene	**<27.8**	ug/kg	66.7	27.8	1	08/07/17 08:15	08/07/17 22:08	106-46-7	W
Dichlorodifluoromethane	**<27.8**	ug/kg	66.7	27.8	1	08/07/17 08:15	08/07/17 22:08	75-71-8	W
1,1-Dichloroethane	**<27.8**	ug/kg	66.7	27.8	1	08/07/17 08:15	08/07/17 22:08	75-34-3	W
1,2-Dichloroethane	**<27.8**	ug/kg	66.7	27.8	1	08/07/17 08:15	08/07/17 22:08	107-06-2	W
1,1-Dichloroethene	**<27.8**	ug/kg	66.7	27.8	1	08/07/17 08:15	08/07/17 22:08	75-35-4	W
cis-1,2-Dichloroethene	**<27.8**	ug/kg	66.7	27.8	1	08/07/17 08:15	08/07/17 22:08	156-59-2	W
trans-1,2-Dichloroethene	**<27.8**	ug/kg	66.7	27.8	1	08/07/17 08:15	08/07/17 22:08	156-60-5	W
1,2-Dichloropropane	**<27.8**	ug/kg	66.7	27.8	1	08/07/17 08:15	08/07/17 22:08	78-87-5	W
1,3-Dichloropropane	**<27.8**	ug/kg	66.7	27.8	1	08/07/17 08:15	08/07/17 22:08	142-28-9	W
2,2-Dichloropropane	**<27.8**	ug/kg	66.7	27.8	1	08/07/17 08:15	08/07/17 22:08	594-20-7	W
1,1-Dichloropropene	**<27.8**	ug/kg	66.7	27.8	1	08/07/17 08:15	08/07/17 22:08	563-58-6	W
cis-1,3-Dichloropropene	**<27.8**	ug/kg	66.7	27.8	1	08/07/17 08:15	08/07/17 22:08	10061-01-5	W
trans-1,3-Dichloropropene	**<27.8**	ug/kg	66.7	27.8	1	08/07/17 08:15	08/07/17 22:08	10061-02-6	W
Diisopropyl ether	**<27.8**	ug/kg	66.7	27.8	1	08/07/17 08:15	08/07/17 22:08	108-20-3	W

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ANALYTICAL RESULTS

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154392

Sample: SB-41 1-1.5 **Lab ID: 40154392014** Collected: 08/01/17 14:30 Received: 08/03/17 09:25 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Ethylbenzene	**<27.8**	ug/kg	66.7	27.8	1	08/07/17 08:15	08/07/17 22:08	100-41-4	W
Hexachloro-1,3-butadiene	**<27.8**	ug/kg	66.7	27.8	1	08/07/17 08:15	08/07/17 22:08	87-68-3	W
Isopropylbenzene (Cumene)	**<27.8**	ug/kg	66.7	27.8	1	08/07/17 08:15	08/07/17 22:08	98-82-8	W
p-Isopropyltoluene	**<27.8**	ug/kg	66.7	27.8	1	08/07/17 08:15	08/07/17 22:08	99-87-6	W
Methylene Chloride	**<27.8**	ug/kg	66.7	27.8	1	08/07/17 08:15	08/07/17 22:08	75-09-2	W
Methyl-tert-butyl ether	**<27.8**	ug/kg	66.7	27.8	1	08/07/17 08:15	08/07/17 22:08	1634-04-4	W
Naphthalene	**<44.5**	ug/kg	278	44.5	1	08/07/17 08:15	08/07/17 22:08	91-20-3	W
n-Propylbenzene	**<27.8**	ug/kg	66.7	27.8	1	08/07/17 08:15	08/07/17 22:08	103-65-1	W
Styrene	**<27.8**	ug/kg	66.7	27.8	1	08/07/17 08:15	08/07/17 22:08	100-42-5	W
1,1,1,2-Tetrachloroethane	**<27.8**	ug/kg	66.7	27.8	1	08/07/17 08:15	08/07/17 22:08	630-20-6	W
1,1,2,2-Tetrachloroethane	**<27.8**	ug/kg	66.7	27.8	1	08/07/17 08:15	08/07/17 22:08	79-34-5	W
Tetrachloroethene	**<27.8**	ug/kg	66.7	27.8	1	08/07/17 08:15	08/07/17 22:08	127-18-4	W
Toluene	**<27.8**	ug/kg	66.7	27.8	1	08/07/17 08:15	08/07/17 22:08	108-88-3	W
1,2,3-Trichlorobenzene	**<27.8**	ug/kg	66.7	27.8	1	08/07/17 08:15	08/07/17 22:08	87-61-6	W
1,2,4-Trichlorobenzene	**<52.8**	ug/kg	278	52.8	1	08/07/17 08:15	08/07/17 22:08	120-82-1	W
1,1,1-Trichloroethane	**<27.8**	ug/kg	66.7	27.8	1	08/07/17 08:15	08/07/17 22:08	71-55-6	W
1,1,2-Trichloroethane	**<27.8**	ug/kg	66.7	27.8	1	08/07/17 08:15	08/07/17 22:08	79-00-5	W
Trichloroethene	**<27.8**	ug/kg	66.7	27.8	1	08/07/17 08:15	08/07/17 22:08	79-01-6	W
Trichlorofluoromethane	**<27.8**	ug/kg	66.7	27.8	1	08/07/17 08:15	08/07/17 22:08	75-69-4	W
1,2,3-Trichloropropane	**<27.8**	ug/kg	66.7	27.8	1	08/07/17 08:15	08/07/17 22:08	96-18-4	W
1,2,4-Trimethylbenzene	**<27.8**	ug/kg	66.7	27.8	1	08/07/17 08:15	08/07/17 22:08	95-63-6	W
1,3,5-Trimethylbenzene	**<27.8**	ug/kg	66.7	27.8	1	08/07/17 08:15	08/07/17 22:08	108-67-8	W
Vinyl chloride	**<27.8**	ug/kg	66.7	27.8	1	08/07/17 08:15	08/07/17 22:08	75-01-4	W
m&p-Xylene	**<55.6**	ug/kg	133	55.6	1	08/07/17 08:15	08/07/17 22:08	179601-23-1	W
o-Xylene	**<27.8**	ug/kg	66.7	27.8	1	08/07/17 08:15	08/07/17 22:08	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	112	%	68-130		1	08/07/17 08:15	08/07/17 22:08	1868-53-7	
Toluene-d8 (S)	103	%	68-149		1	08/07/17 08:15	08/07/17 22:08	2037-26-5	
4-Bromofluorobenzene (S)	97	%	58-141		1	08/07/17 08:15	08/07/17 22:08	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**22.5**	%	0.10	0.10	1		08/14/17 11:15		

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QUALITY CONTROL DATA

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154392

QC Batch: 264468 | Analysis Method: EPA 7470
QC Batch Method: EPA 7470 | Analysis Description: 7470 Mercury
Associated Lab Samples: 40154392001, 40154392002, 40154392003, 40154392005, 40154392006

METHOD BLANK: 1556442 | Matrix: Water
Associated Lab Samples: 40154392001, 40154392002, 40154392003, 40154392005, 40154392006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	<0.13	0.42	08/15/17 09:07	

LABORATORY CONTROL SAMPLE: 1556443

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	5	5.0	101	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1556444 1556445

Parameter	Units	40154446001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	ug/L	<0.13	5	5	5.4	5.8	108	116	85-115	7	20	M0

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154392

QC Batch: 264417 | Analysis Method: EPA 7471
QC Batch Method: EPA 7471 | Analysis Description: 7471 Mercury
Associated Lab Samples: 40154392007, 40154392008, 40154392009, 40154392010, 40154392011, 40154392012, 40154392013, 40154392014

METHOD BLANK: 1556308 | Matrix: Solid
Associated Lab Samples: 40154392007, 40154392008, 40154392009, 40154392010, 40154392011, 40154392012, 40154392013, 40154392014

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	mg/kg	<0.011	0.037	08/15/17 12:20	

LABORATORY CONTROL SAMPLE: 1556309

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/kg	.83	0.73	87	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1556310 1556311

Parameter	Units	40154392007 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	mg/kg	<0.012	.9	.9	0.72	0.68	80	75	85-115	5	20	M0

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

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QUALITY CONTROL DATA

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154392

QC Batch: 264009 | Analysis Method: EPA 6010
QC Batch Method: EPA 3050 | Analysis Description: 6010 MET
Associated Lab Samples: 40154392007, 40154392008, 40154392009, 40154392010, 40154392011, 40154392012, 40154392013, 40154392014

METHOD BLANK: 1553594 | Matrix: Solid
Associated Lab Samples: 40154392007, 40154392008, 40154392009, 40154392010, 40154392011, 40154392012, 40154392013, 40154392014

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/kg	<1.0	5.0	08/10/17 12:43	
Barium	mg/kg	<0.15	0.50	08/10/17 12:43	
Cadmium	mg/kg	<0.13	0.50	08/10/17 12:43	
Chromium	mg/kg	<0.28	1.0	08/10/17 12:43	
Lead	mg/kg	<0.43	1.3	08/10/17 12:43	
Selenium	mg/kg	<1.1	5.0	08/10/17 12:43	
Silver	mg/kg	<0.34	1.0	08/10/17 12:43	

LABORATORY CONTROL SAMPLE: 1553595

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/kg	50	46.5	93	80-120	
Barium	mg/kg	50	49.7	99	80-120	
Cadmium	mg/kg	50	48.4	97	80-120	
Chromium	mg/kg	50	49.2	98	80-120	
Lead	mg/kg	50	49.6	99	80-120	
Selenium	mg/kg	50	50.5	101	80-120	
Silver	mg/kg	25	25.2	101	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1553596 1553597

Parameter	Units	40154392007 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Arsenic	mg/kg	2.1J	54.3	54.2	52.3	52.9	93	94	75-125	1	20	
Barium	mg/kg	24.6	54.3	54.2	79.6	81.3	101	105	75-125	2	20	
Cadmium	mg/kg	<0.14	54.3	54.2	53.0	53.8	97	99	75-125	2	20	
Chromium	mg/kg	13.5	54.3	54.2	64.2	66.1	93	97	75-125	3	20	
Lead	mg/kg	5.6	54.3	54.2	55.7	56.8	92	94	75-125	2	20	
Selenium	mg/kg	<1.2	54.3	54.2	54.0	54.7	99	100	75-125	1	20	
Silver	mg/kg	<0.37	27.2	27.1	28.0	28.4	103	104	75-125	1	20	

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QUALITY CONTROL DATA

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154392

QC Batch: 264158 | Analysis Method: EPA 6010
QC Batch Method: EPA 3010 | Analysis Description: 6010 MET
Associated Lab Samples: 40154392001, 40154392002, 40154392003, 40154392004, 40154392005, 40154392006

METHOD BLANK: 1554397 | Matrix: Water
Associated Lab Samples: 40154392001, 40154392002, 40154392003, 40154392004, 40154392005, 40154392006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	ug/L	<8.3	25.0	08/11/17 09:47	
Barium	ug/L	<1.5	5.0	08/11/17 09:47	
Cadmium	ug/L	<1.3	5.0	08/11/17 09:47	
Chromium	ug/L	<2.5	10.0	08/11/17 09:47	
Lead	ug/L	<4.3	13.0	08/11/17 09:47	
Selenium	ug/L	<16.6	50.0	08/11/17 09:47	
Silver	ug/L	<3.3	10.0	08/11/17 09:47	

LABORATORY CONTROL SAMPLE: 1554398

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	ug/L	500	490	98	80-120	
Barium	ug/L	500	512	102	80-120	
Cadmium	ug/L	500	507	101	80-120	
Chromium	ug/L	500	500	100	80-120	
Lead	ug/L	500	508	102	80-120	
Selenium	ug/L	500	518	104	80-120	
Silver	ug/L	250	258	103	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1554399 1554400

Parameter	Units	40154484005 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Arsenic	ug/L	<8.3	500	500	511	524	101	104	75-125	3	20	
Barium	ug/L	49.0	500	500	562	572	103	105	75-125	2	20	
Cadmium	ug/L	<1.3	500	500	520	532	104	106	75-125	2	20	
Chromium	ug/L	<2.5	500	500	485	498	97	99	75-125	3	20	
Lead	ug/L	<4.3	500	500	489	506	97	101	75-125	3	20	
Selenium	ug/L	<16.6	500	500	538	544	108	109	75-125	1	20	
Silver	ug/L	<3.3	250	250	267	272	107	109	75-125	2	20	

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QUALITY CONTROL DATA

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154392

QC Batch: 263747 | Analysis Method: EPA 8260
QC Batch Method: EPA 5035/5030B | Analysis Description: 8260 MSV Med Level Normal List
Associated Lab Samples: 40154392008, 40154392009, 40154392010, 40154392011, 40154392012

METHOD BLANK: 1552371 | Matrix: Solid
Associated Lab Samples: 40154392008, 40154392009, 40154392010, 40154392011, 40154392012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	<13.7	50.0	08/07/17 10:21	
1,1,1-Trichloroethane	ug/kg	<14.4	50.0	08/07/17 10:21	
1,1,2,2-Tetrachloroethane	ug/kg	<17.5	50.0	08/07/17 10:21	
1,1,2-Trichloroethane	ug/kg	<20.2	50.0	08/07/17 10:21	
1,1-Dichloroethane	ug/kg	<17.6	50.0	08/07/17 10:21	
1,1-Dichloroethene	ug/kg	<17.6	50.0	08/07/17 10:21	
1,1-Dichloropropene	ug/kg	<14.0	50.0	08/07/17 10:21	
1,2,3-Trichlorobenzene	ug/kg	<17.0	50.0	08/07/17 10:21	
1,2,3-Trichloropropane	ug/kg	<22.3	50.0	08/07/17 10:21	
1,2,4-Trichlorobenzene	ug/kg	<47.6	250	08/07/17 10:21	
1,2,4-Trimethylbenzene	ug/kg	<12.2	50.0	08/07/17 10:21	
1,2-Dibromo-3-chloropropane	ug/kg	<91.2	250	08/07/17 10:21	
1,2-Dibromoethane (EDB)	ug/kg	<14.7	50.0	08/07/17 10:21	
1,2-Dichlorobenzene	ug/kg	<16.2	50.0	08/07/17 10:21	
1,2-Dichloroethane	ug/kg	<15.0	50.0	08/07/17 10:21	
1,2-Dichloropropane	ug/kg	<16.8	50.0	08/07/17 10:21	
1,3,5-Trimethylbenzene	ug/kg	<14.5	50.0	08/07/17 10:21	
1,3-Dichlorobenzene	ug/kg	<13.2	50.0	08/07/17 10:21	
1,3-Dichloropropane	ug/kg	<12.0	50.0	08/07/17 10:21	
1,4-Dichlorobenzene	ug/kg	<15.9	50.0	08/07/17 10:21	
2,2-Dichloropropane	ug/kg	<12.6	50.0	08/07/17 10:21	
2-Chlorotoluene	ug/kg	<15.8	50.0	08/07/17 10:21	
4-Chlorotoluene	ug/kg	<13.0	50.0	08/07/17 10:21	
Benzene	ug/kg	<9.2	20.0	08/07/17 10:21	
Bromobenzene	ug/kg	<20.6	50.0	08/07/17 10:21	
Bromochloromethane	ug/kg	<21.4	50.0	08/07/17 10:21	
Bromodichloromethane	ug/kg	<9.8	50.0	08/07/17 10:21	
Bromoform	ug/kg	<19.8	50.0	08/07/17 10:21	
Bromomethane	ug/kg	<69.9	250	08/07/17 10:21	
Carbon tetrachloride	ug/kg	<12.1	50.0	08/07/17 10:21	
Chlorobenzene	ug/kg	<14.8	50.0	08/07/17 10:21	
Chloroethane	ug/kg	<67.0	250	08/07/17 10:21	
Chloroform	ug/kg	<46.4	250	08/07/17 10:21	
Chloromethane	ug/kg	<20.4	50.0	08/07/17 10:21	
cis-1,2-Dichloroethene	ug/kg	<16.6	50.0	08/07/17 10:21	
cis-1,3-Dichloropropene	ug/kg	<16.6	50.0	08/07/17 10:21	
Dibromochloromethane	ug/kg	<17.9	50.0	08/07/17 10:21	
Dibromomethane	ug/kg	<19.3	50.0	08/07/17 10:21	
Dichlorodifluoromethane	ug/kg	<12.3	50.0	08/07/17 10:21	
Diisopropyl ether	ug/kg	<17.7	50.0	08/07/17 10:21	
Ethylbenzene	ug/kg	<12.4	50.0	08/07/17 10:21	

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QUALITY CONTROL DATA

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154392

METHOD BLANK: 1552371 Matrix: Solid
Associated Lab Samples: 40154392008, 40154392009, 40154392010, 40154392011, 40154392012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Hexachloro-1,3-butadiene	ug/kg	<24.5	50.0	08/07/17 10:21	
Isopropylbenzene (Cumene)	ug/kg	<12.6	50.0	08/07/17 10:21	
m&p-Xylene	ug/kg	<34.4	100	08/07/17 10:21	
Methyl-tert-butyl ether	ug/kg	<12.7	50.0	08/07/17 10:21	
Methylene Chloride	ug/kg	<16.2	50.0	08/07/17 10:21	
n-Butylbenzene	ug/kg	<10.5	50.0	08/07/17 10:21	
n-Propylbenzene	ug/kg	<11.6	50.0	08/07/17 10:21	
Naphthalene	ug/kg	<40.0	250	08/07/17 10:21	
o-Xylene	ug/kg	<14.0	50.0	08/07/17 10:21	
p-Isopropyltoluene	ug/kg	<12.0	50.0	08/07/17 10:21	
sec-Butylbenzene	ug/kg	<11.9	50.0	08/07/17 10:21	
Styrene	ug/kg	<9.0	50.0	08/07/17 10:21	
tert-Butylbenzene	ug/kg	<9.5	50.0	08/07/17 10:21	
Tetrachloroethene	ug/kg	<12.9	50.0	08/07/17 10:21	
Toluene	ug/kg	<11.2	50.0	08/07/17 10:21	
trans-1,2-Dichloroethene	ug/kg	<16.5	50.0	08/07/17 10:21	
trans-1,3-Dichloropropene	ug/kg	<14.4	50.0	08/07/17 10:21	
Trichloroethene	ug/kg	<23.6	50.0	08/07/17 10:21	
Trichlorofluoromethane	ug/kg	<24.7	50.0	08/07/17 10:21	
Vinyl chloride	ug/kg	<21.1	50.0	08/07/17 10:21	
4-Bromofluorobenzene (S)	%	97	58-141	08/07/17 10:21	
Dibromofluoromethane (S)	%	104	68-130	08/07/17 10:21	
Toluene-d8 (S)	%	108	68-149	08/07/17 10:21	

LABORATORY CONTROL SAMPLE: 1552372

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/kg	2500	2560	102	61-122	
1,1,2,2-Tetrachloroethane	ug/kg	2500	2470	99	73-130	
1,1,2-Trichloroethane	ug/kg	2500	2430	97	70-130	
1,1-Dichloroethane	ug/kg	2500	2480	99	63-124	
1,1-Dichloroethene	ug/kg	2500	2430	97	53-117	
1,2,4-Trichlorobenzene	ug/kg	2500	2430	97	78-130	
1,2-Dibromo-3-chloropropane	ug/kg	2500	2430	97	49-140	
1,2-Dibromoethane (EDB)	ug/kg	2500	2420	97	70-130	
1,2-Dichlorobenzene	ug/kg	2500	2500	100	70-130	
1,2-Dichloroethane	ug/kg	2500	2670	107	56-135	
1,2-Dichloropropane	ug/kg	2500	2560	102	77-122	
1,3-Dichlorobenzene	ug/kg	2500	2500	100	70-130	
1,4-Dichlorobenzene	ug/kg	2500	2410	96	70-130	
Benzene	ug/kg	2500	2550	102	66-130	
Bromodichloromethane	ug/kg	2500	2420	97	62-135	
Bromoform	ug/kg	2500	2230	89	68-130	
Bromomethane	ug/kg	2500	2040	82	29-137	

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QUALITY CONTROL DATA

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154392

LABORATORY CONTROL SAMPLE: 1552372

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Carbon tetrachloride	ug/kg	2500	2490	100	57-130	
Chlorobenzene	ug/kg	2500	2550	102	70-130	
Chloroethane	ug/kg	2500	2600	104	36-144	
Chloroform	ug/kg	2500	2470	99	69-115	
Chloromethane	ug/kg	2500	2740	110	32-126	
cis-1,2-Dichloroethene	ug/kg	2500	2430	97	65-130	
cis-1,3-Dichloropropene	ug/kg	2500	2520	101	70-130	
Dibromochloromethane	ug/kg	2500	2360	94	70-130	
Dichlorodifluoromethane	ug/kg	2500	1940	78	10-99	
Ethylbenzene	ug/kg	2500	2460	98	82-122	
Isopropylbenzene (Cumene)	ug/kg	2500	2460	99	70-130	
m&p-Xylene	ug/kg	5000	5070	101	70-130	
Methyl-tert-butyl ether	ug/kg	2500	2600	104	63-134	
Methylene Chloride	ug/kg	2500	2510	101	56-123	
o-Xylene	ug/kg	2500	2500	100	70-130	
Styrene	ug/kg	2500	2540	102	70-130	
Tetrachloroethene	ug/kg	2500	2540	102	70-131	
Toluene	ug/kg	2500	2510	100	80-120	
trans-1,2-Dichloroethene	ug/kg	2500	2420	97	66-130	
trans-1,3-Dichloropropene	ug/kg	2500	2540	102	68-130	
Trichloroethene	ug/kg	2500	2450	98	70-130	
Trichlorofluoromethane	ug/kg	2500	2600	104	37-149	
Vinyl chloride	ug/kg	2500	2450	98	43-128	
4-Bromofluorobenzene (S)	%			100	58-141	
Dibromofluoromethane (S)	%			104	68-130	
Toluene-d8 (S)	%			106	68-149	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1552373 1552374

Parameter	Units	40154392008 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1-Trichloroethane	ug/kg	<25.0	1370	1370	1290	1310	94	96	57-123	2	20	
1,1,2,2-Tetrachloroethane	ug/kg	<25.0	1370	1370	941	1310	69	96	73-135	33	20	M1,R1
1,1,2-Trichloroethane	ug/kg	<25.0	1370	1370	953	1350	70	99	70-130	34	20	R1
1,1-Dichloroethane	ug/kg	<25.0	1370	1370	1230	1290	90	95	63-124	5	20	
1,1-Dichloroethene	ug/kg	<25.0	1370	1370	1130	1100	83	81	48-117	3	23	
1,2,4-Trichlorobenzene	ug/kg	<47.6	1370	1370	1410	1450	102	104	78-145	2	20	
1,2-Dibromo-3-chloropropane	ug/kg	<91.2	1370	1370	834	1250	61	91	38-168	40	22	R1
1,2-Dibromoethane (EDB)	ug/kg	<25.0	1370	1370	946	1380	69	101	70-130	37	20	M1,R1
1,2-Dichlorobenzene	ug/kg	<25.0	1370	1370	1310	1420	96	104	70-130	8	20	
1,2-Dichloroethane	ug/kg	<25.0	1370	1370	1070	1430	78	104	56-145	28	20	R1
1,2-Dichloropropane	ug/kg	<25.0	1370	1370	1200	1350	88	99	77-123	12	20	
1,3-Dichlorobenzene	ug/kg	<25.0	1370	1370	1430	1410	105	103	70-130	2	20	
1,4-Dichlorobenzene	ug/kg	<25.0	1370	1370	1350	1370	98	100	70-130	1	20	

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QUALITY CONTROL DATA

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154392

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1552373 1552374

Parameter	Units	40154392008 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Benzene	ug/kg	<25.0	1370	1370	1240	1350	91	99	65-130	8	20	
Bromodichloromethane	ug/kg	<25.0	1370	1370	1120	1290	82	94	59-141	14	20	
Bromoform	ug/kg	<25.0	1370	1370	907	1230	66	90	59-141	30	20	R1
Bromomethane	ug/kg	<69.9	1370	1370	920	933	67	68	28-139	1	20	
Carbon tetrachloride	ug/kg	<25.0	1370	1370	1230	1250	90	92	50-130	2	20	
Chlorobenzene	ug/kg	<25.0	1370	1370	1350	1450	99	106	70-130	8	20	
Chloroethane	ug/kg	<67.0	1370	1370	1560	1310	114	96	36-144	17	20	
Chloroform	ug/kg	<46.4	1370	1370	1230	1350	89	98	68-122	10	20	
Chloromethane	ug/kg	<25.0	1370	1370	909	911	67	67	30-126	0	20	
cis-1,2-Dichloroethene	ug/kg	<25.0	1370	1370	1230	1310	90	96	63-130	6	20	
cis-1,3-Dichloropropene	ug/kg	<25.0	1370	1370	1100	1340	81	98	70-130	20	20	
Dibromochloromethane	ug/kg	<25.0	1370	1370	941	1280	69	93	66-136	30	20	R1
Dichlorodifluoromethane	ug/kg	<25.0	1370	1370	556	484	41	35	10-99	14	33	
Ethylbenzene	ug/kg	<25.0	1370	1370	1360	1320	99	97	80-122	3	20	
Isopropylbenzene (Cumene)	ug/kg	<25.0	1370	1370	1380	1320	101	97	70-130	4	20	
m&p-Xylene	ug/kg	<50.0	2730	2730	2810	2810	103	103	70-130	0	20	
Methyl-tert-butyl ether	ug/kg	<25.0	1370	1370	939	1390	69	102	63-134	39	20	R1
Methylene Chloride	ug/kg	<25.0	1370	1370	1160	1330	85	97	56-127	14	20	
o-Xylene	ug/kg	<25.0	1370	1370	1380	1380	101	101	70-130	0	20	
Styrene	ug/kg	<25.0	1370	1370	1300	1380	95	101	70-130	7	20	
Tetrachloroethene	ug/kg	<25.0	1370	1370	1420	1380	104	101	70-131	3	20	
Toluene	ug/kg	<25.0	1370	1370	1400	1400	102	102	80-120	0	20	
trans-1,2-Dichloroethene	ug/kg	<25.0	1370	1370	1200	1220	88	89	60-130	2	20	
trans-1,3-Dichloropropene	ug/kg	<25.0	1370	1370	1050	1410	77	103	68-130	30	20	R1
Trichloroethene	ug/kg	<25.0	1370	1370	1320	1270	96	93	70-130	3	20	
Trichlorofluoromethane	ug/kg	<25.0	1370	1370	1030	1040	76	76	37-149	1	24	
Vinyl chloride	ug/kg	<25.0	1370	1370	883	866	65	63	39-128	2	20	
4-Bromofluorobenzene (S)	%						104	113	58-141			
Dibromofluoromethane (S)	%						99	113	68-130			
Toluene-d8 (S)	%						121	122	68-149			

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QUALITY CONTROL DATA

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154392

QC Batch: 263759 | Analysis Method: EPA 8260
QC Batch Method: EPA 5035/5030B | Analysis Description: 8260 MSV Med Level Normal List
Associated Lab Samples: 40154392007, 40154392013, 40154392014

METHOD BLANK: 1552406 | Matrix: Solid
Associated Lab Samples: 40154392007, 40154392013, 40154392014

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	<13.7	50.0	08/07/17 18:39	
1,1,1-Trichloroethane	ug/kg	<14.4	50.0	08/07/17 18:39	
1,1,2,2-Tetrachloroethane	ug/kg	<17.5	50.0	08/07/17 18:39	
1,1,2-Trichloroethane	ug/kg	<20.2	50.0	08/07/17 18:39	
1,1-Dichloroethane	ug/kg	<17.6	50.0	08/07/17 18:39	
1,1-Dichloroethene	ug/kg	<17.6	50.0	08/07/17 18:39	
1,1-Dichloropropene	ug/kg	<14.0	50.0	08/07/17 18:39	
1,2,3-Trichlorobenzene	ug/kg	<17.0	50.0	08/07/17 18:39	
1,2,3-Trichloropropane	ug/kg	<22.3	50.0	08/07/17 18:39	
1,2,4-Trichlorobenzene	ug/kg	<47.6	250	08/07/17 18:39	
1,2,4-Trimethylbenzene	ug/kg	<12.2	50.0	08/07/17 18:39	
1,2-Dibromo-3-chloropropane	ug/kg	<91.2	250	08/07/17 18:39	
1,2-Dibromoethane (EDB)	ug/kg	<14.7	50.0	08/07/17 18:39	
1,2-Dichlorobenzene	ug/kg	<16.2	50.0	08/07/17 18:39	
1,2-Dichloroethane	ug/kg	<15.0	50.0	08/07/17 18:39	
1,2-Dichloropropane	ug/kg	<16.8	50.0	08/07/17 18:39	
1,3,5-Trimethylbenzene	ug/kg	<14.5	50.0	08/07/17 18:39	
1,3-Dichlorobenzene	ug/kg	<13.2	50.0	08/07/17 18:39	
1,3-Dichloropropane	ug/kg	<12.0	50.0	08/07/17 18:39	
1,4-Dichlorobenzene	ug/kg	<15.9	50.0	08/07/17 18:39	
2,2-Dichloropropane	ug/kg	<12.6	50.0	08/07/17 18:39	
2-Chlorotoluene	ug/kg	<15.8	50.0	08/07/17 18:39	
4-Chlorotoluene	ug/kg	<13.0	50.0	08/07/17 18:39	
Benzene	ug/kg	<9.2	20.0	08/07/17 18:39	
Bromobenzene	ug/kg	<20.6	50.0	08/07/17 18:39	
Bromochloromethane	ug/kg	<21.4	50.0	08/07/17 18:39	
Bromodichloromethane	ug/kg	<9.8	50.0	08/07/17 18:39	
Bromoform	ug/kg	<19.8	50.0	08/07/17 18:39	
Bromomethane	ug/kg	<69.9	250	08/07/17 18:39	
Carbon tetrachloride	ug/kg	<12.1	50.0	08/07/17 18:39	
Chlorobenzene	ug/kg	<14.8	50.0	08/07/17 18:39	
Chloroethane	ug/kg	<67.0	250	08/07/17 18:39	
Chloroform	ug/kg	<46.4	250	08/07/17 18:39	
Chloromethane	ug/kg	<20.4	50.0	08/07/17 18:39	
cis-1,2-Dichloroethene	ug/kg	<16.6	50.0	08/07/17 18:39	
cis-1,3-Dichloropropene	ug/kg	<16.6	50.0	08/07/17 18:39	
Dibromochloromethane	ug/kg	<17.9	50.0	08/07/17 18:39	
Dibromomethane	ug/kg	<19.3	50.0	08/07/17 18:39	
Dichlorodifluoromethane	ug/kg	<12.3	50.0	08/07/17 18:39	
Diisopropyl ether	ug/kg	<17.7	50.0	08/07/17 18:39	
Ethylbenzene	ug/kg	<12.4	50.0	08/07/17 18:39	

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QUALITY CONTROL DATA

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154392

METHOD BLANK: 1552406 Matrix: Solid
Associated Lab Samples: 40154392007, 40154392013, 40154392014

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Hexachloro-1,3-butadiene	ug/kg	<24.5	50.0	08/07/17 18:39	
Isopropylbenzene (Cumene)	ug/kg	<12.6	50.0	08/07/17 18:39	
m&p-Xylene	ug/kg	<34.4	100	08/07/17 18:39	
Methyl-tert-butyl ether	ug/kg	<12.7	50.0	08/07/17 18:39	
Methylene Chloride	ug/kg	17.9J	50.0	08/07/17 18:39	
n-Butylbenzene	ug/kg	<10.5	50.0	08/07/17 18:39	
n-Propylbenzene	ug/kg	<11.6	50.0	08/07/17 18:39	
Naphthalene	ug/kg	<40.0	250	08/07/17 18:39	
o-Xylene	ug/kg	<14.0	50.0	08/07/17 18:39	
p-Isopropyltoluene	ug/kg	<12.0	50.0	08/07/17 18:39	
sec-Butylbenzene	ug/kg	<11.9	50.0	08/07/17 18:39	
Styrene	ug/kg	<9.0	50.0	08/07/17 18:39	
tert-Butylbenzene	ug/kg	<9.5	50.0	08/07/17 18:39	
Tetrachloroethene	ug/kg	<12.9	50.0	08/07/17 18:39	
Toluene	ug/kg	<11.2	50.0	08/07/17 18:39	
trans-1,2-Dichloroethene	ug/kg	<16.5	50.0	08/07/17 18:39	
trans-1,3-Dichloropropene	ug/kg	<14.4	50.0	08/07/17 18:39	
Trichloroethene	ug/kg	<23.6	50.0	08/07/17 18:39	
Trichlorofluoromethane	ug/kg	<24.7	50.0	08/07/17 18:39	
Vinyl chloride	ug/kg	<21.1	50.0	08/07/17 18:39	
4-Bromofluorobenzene (S)	%	96	58-141	08/07/17 18:39	
Dibromofluoromethane (S)	%	111	68-130	08/07/17 18:39	
Toluene-d8 (S)	%	113	68-149	08/07/17 18:39	

LABORATORY CONTROL SAMPLE: 1552407

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/kg	2500	2330	93	61-122	
1,1,2,2-Tetrachloroethane	ug/kg	2500	2660	106	73-130	
1,1,2-Trichloroethane	ug/kg	2500	2700	108	70-130	
1,1-Dichloroethane	ug/kg	2500	2580	103	63-124	
1,1-Dichloroethene	ug/kg	2500	2440	98	53-117	
1,2,4-Trichlorobenzene	ug/kg	2500	2280	91	78-130	
1,2-Dibromo-3-chloropropane	ug/kg	2500	2270	91	49-140	
1,2-Dibromoethane (EDB)	ug/kg	2500	2600	104	70-130	
1,2-Dichlorobenzene	ug/kg	2500	2550	102	70-130	
1,2-Dichloroethane	ug/kg	2500	2360	95	56-135	
1,2-Dichloropropane	ug/kg	2500	2630	105	77-122	
1,3-Dichlorobenzene	ug/kg	2500	2500	100	70-130	
1,4-Dichlorobenzene	ug/kg	2500	2510	101	70-130	
Benzene	ug/kg	2500	2600	104	66-130	
Bromodichloromethane	ug/kg	2500	2300	92	62-135	
Bromoform	ug/kg	2500	2690	107	68-130	
Bromomethane	ug/kg	2500	2330	93	29-137	

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QUALITY CONTROL DATA

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154392

LABORATORY CONTROL SAMPLE: 1552407

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Carbon tetrachloride	ug/kg	2500	2270	91	57-130	
Chlorobenzene	ug/kg	2500	2650	106	70-130	
Chloroethane	ug/kg	2500	2640	106	36-144	
Chloroform	ug/kg	2500	2410	96	69-115	
Chloromethane	ug/kg	2500	2120	85	32-126	
cis-1,2-Dichloroethene	ug/kg	2500	2620	105	65-130	
cis-1,3-Dichloropropene	ug/kg	2500	2310	92	70-130	
Dibromochloromethane	ug/kg	2500	2660	106	70-130	
Dichlorodifluoromethane	ug/kg	2500	1550	62	10-99	
Ethylbenzene	ug/kg	2500	2540	102	82-122	
Isopropylbenzene (Cumene)	ug/kg	2500	2540	102	70-130	
m&p-Xylene	ug/kg	5000	5330	107	70-130	
Methyl-tert-butyl ether	ug/kg	2500	2640	106	63-134	
Methylene Chloride	ug/kg	2500	2450	98	56-123	
o-Xylene	ug/kg	2500	2640	105	70-130	
Styrene	ug/kg	2500	2690	108	70-130	
Tetrachloroethene	ug/kg	2500	2620	105	70-131	
Toluene	ug/kg	2500	2760	110	80-120	
trans-1,2-Dichloroethene	ug/kg	2500	2620	105	66-130	
trans-1,3-Dichloropropene	ug/kg	2500	2450	98	68-130	
Trichloroethene	ug/kg	2500	2490	100	70-130	
Trichlorofluoromethane	ug/kg	2500	2500	100	37-149	
Vinyl chloride	ug/kg	2500	2520	101	43-128	
4-Bromofluorobenzene (S)	%			101	58-141	
Dibromofluoromethane (S)	%			110	68-130	
Toluene-d8 (S)	%			111	68-149	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1552408 1552409

Parameter	Units	40154392007 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1-Trichloroethane	ug/kg	<25.0	1360	1360	1180	1240	87	91	57-123	5	20	
1,1,2,2-Tetrachloroethane	ug/kg	<25.0	1360	1360	1460	1490	107	109	73-135	2	20	
1,1,2-Trichloroethane	ug/kg	<25.0	1360	1360	1540	1500	113	111	70-130	3	20	
1,1-Dichloroethane	ug/kg	<25.0	1360	1360	1340	1310	98	96	63-124	2	20	
1,1-Dichloroethene	ug/kg	<25.0	1360	1360	1110	1140	82	84	48-117	3	23	
1,2,4-Trichlorobenzene	ug/kg	<47.6	1360	1360	1380	1370	102	101	78-145	1	20	
1,2-Dibromo-3-chloropropane	ug/kg	<91.2	1360	1360	1150	1230	85	91	38-168	7	22	
1,2-Dibromoethane (EDB)	ug/kg	<25.0	1360	1360	1470	1400	108	103	70-130	5	20	
1,2-Dichlorobenzene	ug/kg	<25.0	1360	1360	1470	1410	108	104	70-130	4	20	
1,2-Dichloroethane	ug/kg	<25.0	1360	1360	1280	1250	94	92	56-145	3	20	
1,2-Dichloropropane	ug/kg	<25.0	1360	1360	1450	1450	107	107	77-123	0	20	
1,3-Dichlorobenzene	ug/kg	<25.0	1360	1360	1390	1380	102	102	70-130	0	20	
1,4-Dichlorobenzene	ug/kg	<25.0	1360	1360	1440	1390	106	102	70-130	3	20	

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QUALITY CONTROL DATA

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154392

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1552408 1552409

Parameter	Units	40154392007 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Benzene	ug/kg	<25.0	1360	1360	1360	1370	100	101	65-130	1	20	
Bromodichloromethane	ug/kg	<25.0	1360	1360	1260	1240	93	91	59-141	2	20	
Bromoform	ug/kg	<25.0	1360	1360	1490	1430	109	105	59-141	4	20	
Bromomethane	ug/kg	<69.9	1360	1360	981	977	72	72	28-139	0	20	
Carbon tetrachloride	ug/kg	<25.0	1360	1360	1110	1120	82	82	50-130	1	20	
Chlorobenzene	ug/kg	<25.0	1360	1360	1450	1440	106	106	70-130	0	20	
Chloroethane	ug/kg	<67.0	1360	1360	1070	1130	78	83	36-144	6	20	
Chloroform	ug/kg	<46.4	1360	1360	1290	1300	95	96	68-122	1	20	
Chloromethane	ug/kg	<25.0	1360	1360	660	685	49	50	30-126	4	20	
cis-1,2-Dichloroethene	ug/kg	<25.0	1360	1360	1390	1410	102	104	63-130	1	20	
cis-1,3-Dichloropropene	ug/kg	<25.0	1360	1360	1250	1220	92	90	70-130	2	20	
Dibromochloromethane	ug/kg	<25.0	1360	1360	1440	1400	106	103	66-136	3	20	
Dichlorodifluoromethane	ug/kg	<25.0	1360	1360	333	350	25	26	10-99	5	33	
Ethylbenzene	ug/kg	<25.0	1360	1360	1360	1350	100	99	80-122	1	20	
Isopropylbenzene (Cumene)	ug/kg	<25.0	1360	1360	1320	1310	97	97	70-130	1	20	
m&p-Xylene	ug/kg	<50.0	2720	2720	2790	2860	103	105	70-130	2	20	
Methyl-tert-butyl ether	ug/kg	<25.0	1360	1360	1380	1420	102	104	63-134	2	20	
Methylene Chloride	ug/kg	<25.0	1360	1360	1300	1310	94	95	56-127	1	20	
o-Xylene	ug/kg	<25.0	1360	1360	1450	1390	107	103	70-130	4	20	
Styrene	ug/kg	<25.0	1360	1360	1480	1420	109	104	70-130	4	20	
Tetrachloroethene	ug/kg	<25.0	1360	1360	1370	1390	101	103	70-131	1	20	
Toluene	ug/kg	<25.0	1360	1360	1510	1450	111	106	80-120	4	20	
trans-1,2-Dichloroethene	ug/kg	<25.0	1360	1360	1310	1320	96	97	60-130	1	20	
trans-1,3-Dichloropropene	ug/kg	<25.0	1360	1360	1300	1210	96	89	68-130	8	20	
Trichloroethene	ug/kg	<25.0	1360	1360	1270	1260	93	92	70-130	1	20	
Trichlorofluoromethane	ug/kg	<25.0	1360	1360	996	1000	73	74	37-149	1	24	
Vinyl chloride	ug/kg	<25.0	1360	1360	834	863	61	63	39-128	3	20	
4-Bromofluorobenzene (S)	%						115	110	58-141			
Dibromofluoromethane (S)	%						124	121	68-130			
Toluene-d8 (S)	%						127	122	68-149			

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QUALITY CONTROL DATA

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154392

QC Batch: 263541 | Analysis Method: EPA 8260
QC Batch Method: EPA 8260 | Analysis Description: 8260 MSV
Associated Lab Samples: 40154392004, 40154392005, 40154392006

METHOD BLANK: 1551309 | Matrix: Water
Associated Lab Samples: 40154392004, 40154392005, 40154392006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.18	1.0	08/08/17 06:33	
1,1,1-Trichloroethane	ug/L	<0.50	1.0	08/08/17 06:33	
1,1,2,2-Tetrachloroethane	ug/L	<0.25	1.0	08/08/17 06:33	
1,1,2-Trichloroethane	ug/L	<0.20	1.0	08/08/17 06:33	
1,1-Dichloroethane	ug/L	<0.24	1.0	08/08/17 06:33	
1,1-Dichloroethene	ug/L	<0.41	1.0	08/08/17 06:33	
1,1-Dichloropropene	ug/L	<0.44	1.0	08/08/17 06:33	
1,2,3-Trichlorobenzene	ug/L	<2.1	5.0	08/08/17 06:33	
1,2,3-Trichloropropane	ug/L	<0.50	1.0	08/08/17 06:33	
1,2,4-Trichlorobenzene	ug/L	<2.2	5.0	08/08/17 06:33	
1,2,4-Trimethylbenzene	ug/L	<0.50	1.0	08/08/17 06:33	
1,2-Dibromo-3-chloropropane	ug/L	<2.2	5.0	08/08/17 06:33	
1,2-Dibromoethane (EDB)	ug/L	<0.18	1.0	08/08/17 06:33	
1,2-Dichlorobenzene	ug/L	<0.50	1.0	08/08/17 06:33	
1,2-Dichloroethane	ug/L	<0.17	1.0	08/08/17 06:33	
1,2-Dichloropropane	ug/L	<0.23	1.0	08/08/17 06:33	
1,3,5-Trimethylbenzene	ug/L	<0.50	1.0	08/08/17 06:33	
1,3-Dichlorobenzene	ug/L	<0.50	1.0	08/08/17 06:33	
1,3-Dichloropropane	ug/L	<0.50	1.0	08/08/17 06:33	
1,4-Dichlorobenzene	ug/L	<0.50	1.0	08/08/17 06:33	
2,2-Dichloropropane	ug/L	<0.48	1.0	08/08/17 06:33	
2-Chlorotoluene	ug/L	<0.50	1.0	08/08/17 06:33	
4-Chlorotoluene	ug/L	<0.21	1.0	08/08/17 06:33	
Benzene	ug/L	<0.50	1.0	08/08/17 06:33	
Bromobenzene	ug/L	<0.23	1.0	08/08/17 06:33	
Bromochloromethane	ug/L	<0.34	1.0	08/08/17 06:33	
Bromodichloromethane	ug/L	<0.50	1.0	08/08/17 06:33	
Bromoform	ug/L	<0.50	1.0	08/08/17 06:33	
Bromomethane	ug/L	<2.4	5.0	08/08/17 06:33	
Carbon tetrachloride	ug/L	<0.50	1.0	08/08/17 06:33	
Chlorobenzene	ug/L	<0.50	1.0	08/08/17 06:33	
Chloroethane	ug/L	<0.37	1.0	08/08/17 06:33	
Chloroform	ug/L	<2.5	5.0	08/08/17 06:33	
Chloromethane	ug/L	<0.50	1.0	08/08/17 06:33	
cis-1,2-Dichloroethene	ug/L	<0.26	1.0	08/08/17 06:33	
cis-1,3-Dichloropropene	ug/L	<0.50	1.0	08/08/17 06:33	
Dibromochloromethane	ug/L	<0.50	1.0	08/08/17 06:33	
Dibromomethane	ug/L	<0.43	1.0	08/08/17 06:33	
Dichlorodifluoromethane	ug/L	<0.22	1.0	08/08/17 06:33	
Diisopropyl ether	ug/L	<0.50	1.0	08/08/17 06:33	
Ethylbenzene	ug/L	<0.50	1.0	08/08/17 06:33	

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QUALITY CONTROL DATA

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154392

METHOD BLANK: 1551309 Matrix: Water
Associated Lab Samples: 40154392004, 40154392005, 40154392006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Hexachloro-1,3-butadiene	ug/L	<2.1	5.0	08/08/17 06:33	
Isopropylbenzene (Cumene)	ug/L	<0.14	1.0	08/08/17 06:33	
m&p-Xylene	ug/L	<1.0	2.0	08/08/17 06:33	
Methyl-tert-butyl ether	ug/L	<0.17	1.0	08/08/17 06:33	
Methylene Chloride	ug/L	<0.23	1.0	08/08/17 06:33	
n-Butylbenzene	ug/L	<0.50	1.0	08/08/17 06:33	
n-Propylbenzene	ug/L	<0.50	1.0	08/08/17 06:33	
Naphthalene	ug/L	<2.5	5.0	08/08/17 06:33	
o-Xylene	ug/L	<0.50	1.0	08/08/17 06:33	
p-Isopropyltoluene	ug/L	<0.50	1.0	08/08/17 06:33	
sec-Butylbenzene	ug/L	<2.2	5.0	08/08/17 06:33	
Styrene	ug/L	<0.50	1.0	08/08/17 06:33	
tert-Butylbenzene	ug/L	<0.18	1.0	08/08/17 06:33	
Tetrachloroethene	ug/L	<0.50	1.0	08/08/17 06:33	
Toluene	ug/L	<0.50	1.0	08/08/17 06:33	
trans-1,2-Dichloroethene	ug/L	0.29J	1.0	08/08/17 06:33	
trans-1,3-Dichloropropene	ug/L	<0.23	1.0	08/08/17 06:33	
Trichloroethene	ug/L	<0.33	1.0	08/08/17 06:33	
Trichlorofluoromethane	ug/L	<0.18	1.0	08/08/17 06:33	
Vinyl chloride	ug/L	<0.18	1.0	08/08/17 06:33	
4-Bromofluorobenzene (S)	%	97	61-130	08/08/17 06:33	
Dibromofluoromethane (S)	%	101	67-130	08/08/17 06:33	
Toluene-d8 (S)	%	94	70-130	08/08/17 06:33	

LABORATORY CONTROL SAMPLE: 1551310

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	48.7	97	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	50.5	101	70-130	
1,1,2-Trichloroethane	ug/L	50	50.1	100	70-130	
1,1-Dichloroethane	ug/L	50	48.7	97	71-132	
1,1-Dichloroethene	ug/L	50	50.8	102	75-130	
1,2,4-Trichlorobenzene	ug/L	50	50.5	101	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	42.0	84	63-123	
1,2-Dibromoethane (EDB)	ug/L	50	50.1	100	70-130	
1,2-Dichlorobenzene	ug/L	50	54.2	108	70-130	
1,2-Dichloroethane	ug/L	50	41.2	82	70-131	
1,2-Dichloropropane	ug/L	50	50.8	102	80-120	
1,3-Dichlorobenzene	ug/L	50	54.8	110	70-130	
1,4-Dichlorobenzene	ug/L	50	54.0	108	70-130	
Benzene	ug/L	50	52.3	105	73-145	
Bromodichloromethane	ug/L	50	48.8	98	70-130	
Bromoform	ug/L	50	52.9	106	67-130	
Bromomethane	ug/L	50	37.3	75	26-128	

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QUALITY CONTROL DATA

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154392

LABORATORY CONTROL SAMPLE: 1551310

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Carbon tetrachloride	ug/L	50	53.7	107	70-133	
Chlorobenzene	ug/L	50	54.7	109	70-130	
Chloroethane	ug/L	50	44.1	88	58-120	
Chloroform	ug/L	50	48.7	97	80-121	
Chloromethane	ug/L	50	48.3	97	40-127	
cis-1,2-Dichloroethene	ug/L	50	48.3	97	70-130	
cis-1,3-Dichloropropene	ug/L	50	52.2	104	70-130	
Dibromochloromethane	ug/L	50	51.5	103	70-130	
Dichlorodifluoromethane	ug/L	50	38.4	77	20-135	
Ethylbenzene	ug/L	50	54.2	108	87-129	
Isopropylbenzene (Cumene)	ug/L	50	55.8	112	70-130	
m&p-Xylene	ug/L	100	114	114	70-130	
Methyl-tert-butyl ether	ug/L	50	47.4	95	66-143	
Methylene Chloride	ug/L	50	53.0	106	70-130	
o-Xylene	ug/L	50	58.3	117	70-130	
Styrene	ug/L	50	57.2	114	70-130	
Tetrachloroethene	ug/L	50	59.6	119	70-130	
Toluene	ug/L	50	53.9	108	82-130	
trans-1,2-Dichloroethene	ug/L	50	52.5	105	75-132	
trans-1,3-Dichloropropene	ug/L	50	51.5	103	70-130	
Trichloroethene	ug/L	50	53.2	106	70-130	
Trichlorofluoromethane	ug/L	50	48.7	97	76-133	
Vinyl chloride	ug/L	50	48.1	96	57-136	
4-Bromofluorobenzene (S)	%			97	61-130	
Dibromofluoromethane (S)	%			97	67-130	
Toluene-d8 (S)	%			100	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1552411 1552412

Parameter	Units	40154392006 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1-Trichloroethane	ug/L	<0.50	50	50	46.8	49.0	94	98	70-134	4	20	
1,1,2,2-Tetrachloroethane	ug/L	<0.25	50	50	50.4	48.7	101	97	70-130	3	20	
1,1,2-Trichloroethane	ug/L	<0.20	50	50	48.6	48.1	97	96	70-130	1	20	
1,1-Dichloroethane	ug/L	<0.24	50	50	44.2	47.6	88	95	71-133	7	20	
1,1-Dichloroethene	ug/L	<0.41	50	50	47.7	51.0	95	102	75-136	7	20	
1,2,4-Trichlorobenzene	ug/L	<2.2	50	50	48.0	49.9	96	100	70-130	4	20	
1,2-Dibromo-3-chloropropane	ug/L	<2.2	50	50	44.2	43.6	88	87	63-123	1	20	
1,2-Dibromoethane (EDB)	ug/L	<0.18	50	50	48.5	47.9	97	96	70-130	1	20	
1,2-Dichlorobenzene	ug/L	<0.50	50	50	51.7	53.2	103	106	70-130	3	20	
1,2-Dichloroethane	ug/L	<0.17	50	50	39.1	39.7	78	79	70-131	2	20	
1,2-Dichloropropane	ug/L	<0.23	50	50	50.7	48.4	101	97	80-120	5	20	
1,3-Dichlorobenzene	ug/L	<0.50	50	50	54.3	54.9	109	110	70-130	1	20	
1,4-Dichlorobenzene	ug/L	<0.50	50	50	52.6	53.8	105	108	70-130	2	20	

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QUALITY CONTROL DATA

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154392

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1552411 1552412

Parameter	Units	40154392006 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Benzene	ug/L	<0.50	50	50	49.8	52.1	100	104	73-145	5	20	
Bromodichloromethane	ug/L	<0.50	50	50	48.4	47.7	97	95	70-130	2	20	
Bromoform	ug/L	<0.50	50	50	53.0	51.6	106	103	67-130	3	20	
Bromomethane	ug/L	<2.4	50	50	43.8	43.2	88	86	26-129	1	20	
Carbon tetrachloride	ug/L	<0.50	50	50	51.8	52.6	104	105	70-134	2	20	
Chlorobenzene	ug/L	<0.50	50	50	52.1	52.2	104	104	70-130	0	20	
Chloroethane	ug/L	<0.37	50	50	41.3	46.3	83	93	58-120	11	20	
Chloroform	ug/L	<2.5	50	50	46.0	47.1	92	94	80-121	3	20	
Chloromethane	ug/L	<0.50	50	50	44.7	47.1	89	94	40-128	5	20	
cis-1,2-Dichloroethene	ug/L	<0.26	50	50	47.2	48.7	94	97	70-130	3	20	
cis-1,3-Dichloropropene	ug/L	<0.50	50	50	51.3	50.8	103	102	70-130	1	20	
Dibromochloromethane	ug/L	<0.50	50	50	48.7	50.4	97	101	70-130	3	20	
Dichlorodifluoromethane	ug/L	<0.22	50	50	36.3	37.2	73	74	20-146	3	20	
Ethylbenzene	ug/L	<0.50	50	50	51.8	52.3	104	105	87-129	1	20	
Isopropylbenzene (Cumene)	ug/L	<0.14	50	50	53.1	54.2	106	108	70-130	2	20	
m&p-Xylene	ug/L	<1.0	100	100	106	108	106	108	70-130	1	20	
Methyl-tert-butyl ether	ug/L	<0.17	50	50	46.1	48.4	92	97	66-143	5	20	
Methylene Chloride	ug/L	<0.23	50	50	49.7	52.8	99	106	70-130	6	20	
o-Xylene	ug/L	<0.50	50	50	54.8	54.3	110	109	70-130	1	20	
Styrene	ug/L	<0.50	50	50	53.5	53.1	107	106	70-130	1	20	
Tetrachloroethene	ug/L	<0.50	50	50	57.6	58.7	115	117	70-130	2	20	
Toluene	ug/L	<0.50	50	50	52.3	51.4	105	103	82-131	2	20	
trans-1,2-Dichloroethene	ug/L	<0.26	50	50	49.3	51.9	99	104	75-135	5	20	
trans-1,3-Dichloropropene	ug/L	<0.23	50	50	46.9	49.1	94	98	70-130	5	20	
Trichloroethene	ug/L	<0.33	50	50	54.5	52.4	109	105	70-130	4	20	
Trichlorofluoromethane	ug/L	<0.18	50	50	45.9	47.2	92	94	76-150	3	20	
Vinyl chloride	ug/L	<0.18	50	50	46.0	48.2	92	96	56-143	5	20	
4-Bromofluorobenzene (S)	%						90	95	61-130			
Dibromofluoromethane (S)	%						90	96	67-130			
Toluene-d8 (S)	%						95	97	70-130			

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QUALITY CONTROL DATA

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154392

QC Batch: 263706 | Analysis Method: EPA 8260
QC Batch Method: EPA 8260 | Analysis Description: 8260 MSV
Associated Lab Samples: 40154392001, 40154392002, 40154392003

METHOD BLANK: 1552203 | Matrix: Water
Associated Lab Samples: 40154392001, 40154392002, 40154392003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.18	1.0	08/09/17 08:32	
1,1,1-Trichloroethane	ug/L	<0.50	1.0	08/09/17 08:32	
1,1,2,2-Tetrachloroethane	ug/L	<0.25	1.0	08/09/17 08:32	
1,1,2-Trichloroethane	ug/L	<0.20	1.0	08/09/17 08:32	
1,1-Dichloroethane	ug/L	<0.24	1.0	08/09/17 08:32	
1,1-Dichloroethene	ug/L	<0.41	1.0	08/09/17 08:32	
1,1-Dichloropropene	ug/L	<0.44	1.0	08/09/17 08:32	
1,2,3-Trichlorobenzene	ug/L	<2.1	5.0	08/09/17 08:32	
1,2,3-Trichloropropane	ug/L	<0.50	1.0	08/09/17 08:32	
1,2,4-Trichlorobenzene	ug/L	<2.2	5.0	08/09/17 08:32	
1,2,4-Trimethylbenzene	ug/L	<0.50	1.0	08/09/17 08:32	
1,2-Dibromo-3-chloropropane	ug/L	<2.2	5.0	08/09/17 08:32	
1,2-Dibromoethane (EDB)	ug/L	<0.18	1.0	08/09/17 08:32	
1,2-Dichlorobenzene	ug/L	<0.50	1.0	08/09/17 08:32	
1,2-Dichloroethane	ug/L	<0.17	1.0	08/09/17 08:32	
1,2-Dichloropropane	ug/L	<0.23	1.0	08/09/17 08:32	
1,3,5-Trimethylbenzene	ug/L	<0.50	1.0	08/09/17 08:32	
1,3-Dichlorobenzene	ug/L	<0.50	1.0	08/09/17 08:32	
1,3-Dichloropropane	ug/L	<0.50	1.0	08/09/17 08:32	
1,4-Dichlorobenzene	ug/L	<0.50	1.0	08/09/17 08:32	
2,2-Dichloropropane	ug/L	<0.48	1.0	08/09/17 08:32	
2-Chlorotoluene	ug/L	<0.50	1.0	08/09/17 08:32	
4-Chlorotoluene	ug/L	<0.21	1.0	08/09/17 08:32	
Benzene	ug/L	<0.50	1.0	08/09/17 08:32	
Bromobenzene	ug/L	<0.23	1.0	08/09/17 08:32	
Bromochloromethane	ug/L	<0.34	1.0	08/09/17 08:32	
Bromodichloromethane	ug/L	<0.50	1.0	08/09/17 08:32	
Bromoform	ug/L	<0.50	1.0	08/09/17 08:32	
Bromomethane	ug/L	<2.4	5.0	08/09/17 08:32	
Carbon tetrachloride	ug/L	<0.50	1.0	08/09/17 08:32	
Chlorobenzene	ug/L	<0.50	1.0	08/09/17 08:32	
Chloroethane	ug/L	<0.37	1.0	08/09/17 08:32	
Chloroform	ug/L	<2.5	5.0	08/09/17 08:32	
Chloromethane	ug/L	<0.50	1.0	08/09/17 08:32	
cis-1,2-Dichloroethene	ug/L	<0.26	1.0	08/09/17 08:32	
cis-1,3-Dichloropropene	ug/L	<0.50	1.0	08/09/17 08:32	
Dibromochloromethane	ug/L	<0.50	1.0	08/09/17 08:32	
Dibromomethane	ug/L	<0.43	1.0	08/09/17 08:32	
Dichlorodifluoromethane	ug/L	<0.22	1.0	08/09/17 08:32	
Diisopropyl ether	ug/L	<0.50	1.0	08/09/17 08:32	
Ethylbenzene	ug/L	<0.50	1.0	08/09/17 08:32	

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QUALITY CONTROL DATA

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154392

METHOD BLANK: 1552203 Matrix: Water
Associated Lab Samples: 40154392001, 40154392002, 40154392003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Hexachloro-1,3-butadiene	ug/L	<2.1	5.0	08/09/17 08:32	
Isopropylbenzene (Cumene)	ug/L	<0.14	1.0	08/09/17 08:32	
m&p-Xylene	ug/L	<1.0	2.0	08/09/17 08:32	
Methyl-tert-butyl ether	ug/L	<0.17	1.0	08/09/17 08:32	
Methylene Chloride	ug/L	0.37J	1.0	08/09/17 08:32	
n-Butylbenzene	ug/L	<0.50	1.0	08/09/17 08:32	
n-Propylbenzene	ug/L	<0.50	1.0	08/09/17 08:32	
Naphthalene	ug/L	<2.5	5.0	08/09/17 08:32	
o-Xylene	ug/L	<0.50	1.0	08/09/17 08:32	
p-Isopropyltoluene	ug/L	<0.50	1.0	08/09/17 08:32	
sec-Butylbenzene	ug/L	<2.2	5.0	08/09/17 08:32	
Styrene	ug/L	<0.50	1.0	08/09/17 08:32	
tert-Butylbenzene	ug/L	<0.18	1.0	08/09/17 08:32	
Tetrachloroethene	ug/L	<0.50	1.0	08/09/17 08:32	
Toluene	ug/L	<0.50	1.0	08/09/17 08:32	
trans-1,2-Dichloroethene	ug/L	<0.26	1.0	08/09/17 08:32	
trans-1,3-Dichloropropene	ug/L	<0.23	1.0	08/09/17 08:32	
Trichloroethene	ug/L	<0.33	1.0	08/09/17 08:32	
Trichlorofluoromethane	ug/L	<0.18	1.0	08/09/17 08:32	
Vinyl chloride	ug/L	<0.18	1.0	08/09/17 08:32	
4-Bromofluorobenzene (S)	%	97	61-130	08/09/17 08:32	
Dibromofluoromethane (S)	%	100	67-130	08/09/17 08:32	
Toluene-d8 (S)	%	103	70-130	08/09/17 08:32	

LABORATORY CONTROL SAMPLE: 1552204

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	51.0	102	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	53.5	107	70-130	
1,1,2-Trichloroethane	ug/L	50	54.0	108	70-130	
1,1-Dichloroethane	ug/L	50	48.5	97	71-132	
1,1-Dichloroethene	ug/L	50	45.3	91	75-130	
1,2,4-Trichlorobenzene	ug/L	50	52.7	105	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	50.1	100	63-123	
1,2-Dibromoethane (EDB)	ug/L	50	53.3	107	70-130	
1,2-Dichlorobenzene	ug/L	50	54.2	108	70-130	
1,2-Dichloroethane	ug/L	50	51.7	103	70-131	
1,2-Dichloropropane	ug/L	50	51.5	103	80-120	
1,3-Dichlorobenzene	ug/L	50	54.7	109	70-130	
1,4-Dichlorobenzene	ug/L	50	55.2	110	70-130	
Benzene	ug/L	50	50.6	101	73-145	
Bromodichloromethane	ug/L	50	51.5	103	70-130	
Bromoform	ug/L	50	52.2	104	67-130	
Bromomethane	ug/L	50	51.2	102	26-128	

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QUALITY CONTROL DATA

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154392

LABORATORY CONTROL SAMPLE: 1552204

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Carbon tetrachloride	ug/L	50	52.1	104	70-133	
Chlorobenzene	ug/L	50	55.3	111	70-130	
Chloroethane	ug/L	50	45.8	92	58-120	
Chloroform	ug/L	50	52.1	104	80-121	
Chloromethane	ug/L	50	35.9	72	40-127	
cis-1,2-Dichloroethene	ug/L	50	49.6	99	70-130	
cis-1,3-Dichloropropene	ug/L	50	50.1	100	70-130	
Dibromochloromethane	ug/L	50	53.0	106	70-130	
Dichlorodifluoromethane	ug/L	50	37.5	75	20-135	
Ethylbenzene	ug/L	50	53.5	107	87-129	
Isopropylbenzene (Cumene)	ug/L	50	54.3	109	70-130	
m&p-Xylene	ug/L	100	107	107	70-130	
Methyl-tert-butyl ether	ug/L	50	48.6	97	66-143	
Methylene Chloride	ug/L	50	47.6	95	70-130	
o-Xylene	ug/L	50	53.4	107	70-130	
Styrene	ug/L	50	53.9	108	70-130	
Tetrachloroethene	ug/L	50	55.8	112	70-130	
Toluene	ug/L	50	54.3	109	82-130	
trans-1,2-Dichloroethene	ug/L	50	48.7	97	75-132	
trans-1,3-Dichloropropene	ug/L	50	50.6	101	70-130	
Trichloroethene	ug/L	50	52.8	106	70-130	
Trichlorofluoromethane	ug/L	50	52.1	104	76-133	
Vinyl chloride	ug/L	50	41.8	84	57-136	
4-Bromofluorobenzene (S)	%			98	61-130	
Dibromofluoromethane (S)	%			103	67-130	
Toluene-d8 (S)	%			104	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1553390 1553391

Parameter	Units	40154508001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1-Trichloroethane	ug/L	<0.50	50	50	47.9	47.2	96	94	70-134	1	20	
1,1,2,2-Tetrachloroethane	ug/L	<0.25	50	50	52.8	52.6	106	105	70-130	0	20	
1,1,2-Trichloroethane	ug/L	<0.20	50	50	53.3	53.1	107	106	70-130	0	20	
1,1-Dichloroethane	ug/L	<0.24	50	50	46.5	45.7	93	91	71-133	2	20	
1,1-Dichloroethene	ug/L	<0.41	50	50	40.6	40.3	81	81	75-136	1	20	
1,2,4-Trichlorobenzene	ug/L	<2.2	50	50	50.4	50.2	101	100	70-130	0	20	
1,2-Dibromo-3-chloropropane	ug/L	<2.2	50	50	48.5	48.9	97	98	63-123	1	20	
1,2-Dibromoethane (EDB)	ug/L	<0.18	50	50	52.3	52.1	105	104	70-130	0	20	
1,2-Dichlorobenzene	ug/L	<0.50	50	50	52.9	51.7	106	103	70-130	2	20	
1,2-Dichloroethane	ug/L	<0.17	50	50	50.2	49.4	100	99	70-131	2	20	
1,2-Dichloropropane	ug/L	<0.23	50	50	50.1	49.5	100	99	80-120	1	20	
1,3-Dichlorobenzene	ug/L	<0.50	50	50	53.1	51.9	106	104	70-130	2	20	
1,4-Dichlorobenzene	ug/L	<0.50	50	50	53.7	52.5	107	105	70-130	2	20	

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QUALITY CONTROL DATA

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154392

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1553390 1553391

Parameter	Units	40154508001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Benzene	ug/L	<0.50	50	50	48.7	47.3	97	95	73-145	3	20	
Bromodichloromethane	ug/L	<0.50	50	50	50.3	49.8	101	100	70-130	1	20	
Bromoform	ug/L	<0.50	50	50	51.2	50.7	102	101	67-130	1	20	
Bromomethane	ug/L	<2.4	50	50	38.7	38.9	77	78	26-129	1	20	
Carbon tetrachloride	ug/L	<0.50	50	50	48.0	47.6	96	95	70-134	1	20	
Chlorobenzene	ug/L	<0.50	50	50	54.2	52.9	108	106	70-130	2	20	
Chloroethane	ug/L	<0.37	50	50	40.4	39.1	81	78	58-120	3	20	
Chloroform	ug/L	<2.5	50	50	50.0	49.0	100	98	80-121	2	20	
Chloromethane	ug/L	<0.50	50	50	28.0	26.9	56	54	40-128	4	20	
cis-1,2-Dichloroethene	ug/L	<0.26	50	50	47.6	46.4	95	93	70-130	2	20	
cis-1,3-Dichloropropene	ug/L	<0.50	50	50	48.9	48.0	98	96	70-130	2	20	
Dibromochloromethane	ug/L	<0.50	50	50	51.8	51.5	104	103	70-130	1	20	
Dichlorodifluoromethane	ug/L	<0.22	50	50	23.6	22.8	47	46	20-146	3	20	
Ethylbenzene	ug/L	<0.50	50	50	52.0	50.9	104	102	87-129	2	20	
Isopropylbenzene (Cumene)	ug/L	<0.14	50	50	52.3	51.3	105	103	70-130	2	20	
m&p-Xylene	ug/L	<1.0	100	100	104	102	104	102	70-130	2	20	
Methyl-tert-butyl ether	ug/L	<0.17	50	50	46.6	46.2	93	92	66-143	1	20	
Methylene Chloride	ug/L	<0.23	50	50	45.0	44.0	90	88	70-130	2	20	
o-Xylene	ug/L	<0.50	50	50	52.0	50.9	104	102	70-130	2	20	
Styrene	ug/L	<0.50	50	50	52.7	51.5	105	103	70-130	2	20	
Tetrachloroethene	ug/L	8.9	50	50	62.2	61.1	107	104	70-130	2	20	
Toluene	ug/L	<0.50	50	50	52.7	51.6	105	103	82-131	2	20	
trans-1,2-Dichloroethene	ug/L	<0.26	50	50	45.7	44.7	91	89	75-135	2	20	
trans-1,3-Dichloropropene	ug/L	<0.23	50	50	49.5	48.8	99	98	70-130	1	20	
Trichloroethene	ug/L	<0.33	50	50	51.2	50.4	102	101	70-130	2	20	
Trichlorofluoromethane	ug/L	<0.18	50	50	44.3	43.9	89	88	76-150	1	20	
Vinyl chloride	ug/L	<0.18	50	50	32.9	32.5	66	65	56-143	1	20	
4-Bromofluorobenzene (S)	%						97	98	61-130			
Dibromofluoromethane (S)	%						102	102	67-130			
Toluene-d8 (S)	%						103	103	70-130			

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QUALITY CONTROL DATA

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154392

QC Batch: 263888 | Analysis Method: EPA 8082
QC Batch Method: EPA 3541 | Analysis Description: 8082 GCS PCB
Associated Lab Samples: 40154392007, 40154392008, 40154392009, 40154392010, 40154392011, 40154392012, 40154392013, 40154392014

METHOD BLANK: 1553041 | Matrix: Solid
Associated Lab Samples: 40154392007, 40154392008, 40154392009, 40154392010, 40154392011, 40154392012, 40154392013, 40154392014

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	<25.0	50.0	08/10/17 11:08	
PCB-1221 (Aroclor 1221)	ug/kg	<25.0	50.0	08/10/17 11:08	
PCB-1232 (Aroclor 1232)	ug/kg	<25.0	50.0	08/10/17 11:08	
PCB-1242 (Aroclor 1242)	ug/kg	<25.0	50.0	08/10/17 11:08	
PCB-1248 (Aroclor 1248)	ug/kg	<25.0	50.0	08/10/17 11:08	
PCB-1254 (Aroclor 1254)	ug/kg	<25.0	50.0	08/10/17 11:08	
PCB-1260 (Aroclor 1260)	ug/kg	<25.0	50.0	08/10/17 11:08	
Decachlorobiphenyl (S)	%	82	53-105	08/10/17 11:08	
Tetrachloro-m-xylene (S)	%	77	50-102	08/10/17 11:08	

LABORATORY CONTROL SAMPLE: 1553042

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg		<25.0			
PCB-1221 (Aroclor 1221)	ug/kg		<25.0			
PCB-1232 (Aroclor 1232)	ug/kg		<25.0			
PCB-1242 (Aroclor 1242)	ug/kg		<25.0			
PCB-1248 (Aroclor 1248)	ug/kg		<25.0			
PCB-1254 (Aroclor 1254)	ug/kg		<25.0			
PCB-1260 (Aroclor 1260)	ug/kg	500	356	71	59-106	
Decachlorobiphenyl (S)	%			79	53-105	
Tetrachloro-m-xylene (S)	%			75	50-102	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1553043 1553044

Parameter	Units	40154484001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
PCB-1016 (Aroclor 1016)	ug/kg	<26.7			<26.7	<26.7					20	
PCB-1221 (Aroclor 1221)	ug/kg	<26.7			<26.7	<26.7					20	
PCB-1232 (Aroclor 1232)	ug/kg	<26.7			<26.7	<26.7					20	
PCB-1242 (Aroclor 1242)	ug/kg	<26.7			<26.7	<26.7					20	
PCB-1248 (Aroclor 1248)	ug/kg	<26.7			<26.7	<26.7					20	
PCB-1254 (Aroclor 1254)	ug/kg	<26.7			<26.7	<26.7					20	
PCB-1260 (Aroclor 1260)	ug/kg	<26.7	534	534	406	415	76	78	51-109	2	20	
Decachlorobiphenyl (S)	%						82	83	53-105			
Tetrachloro-m-xylene (S)	%						77	77	50-102			

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QUALITY CONTROL DATA

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154392

QC Batch: 264438 | Analysis Method: EPA 8270
QC Batch Method: EPA 3546 | Analysis Description: 8270 Solid MSSV Microwave
Associated Lab Samples: 40154392007, 40154392008, 40154392009, 40154392010, 40154392011, 40154392012, 40154392013, 40154392014

METHOD BLANK: 1556347 | Matrix: Solid
Associated Lab Samples: 40154392007, 40154392008, 40154392009, 40154392010, 40154392011, 40154392012, 40154392013, 40154392014

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trichlorobenzene	ug/kg	<18.9	62.9	08/14/17 15:04	
1,2-Dichlorobenzene	ug/kg	<52.5	175	08/14/17 15:04	
1,3-Dichlorobenzene	ug/kg	<23.1	77.1	08/14/17 15:04	
1,4-Dichlorobenzene	ug/kg	<23.3	77.5	08/14/17 15:04	
2,2'-Oxybis(1-chloropropane)	ug/kg	<43.1	144	08/14/17 15:04	
2,4,5-Trichlorophenol	ug/kg	<29.5	98.3	08/14/17 15:04	
2,4,6-Trichlorophenol	ug/kg	<25.5	84.9	08/14/17 15:04	
2,4-Dichlorophenol	ug/kg	<44.6	149	08/14/17 15:04	
2,4-Dimethylphenol	ug/kg	<33.0	110	08/14/17 15:04	
2,4-Dinitrophenol	ug/kg	<50.9	170	08/14/17 15:04	
2,4-Dinitrotoluene	ug/kg	<23.9	79.6	08/14/17 15:04	
2,6-Dinitrotoluene	ug/kg	<31.7	106	08/14/17 15:04	
2-Chloronaphthalene	ug/kg	<21.4	71.5	08/14/17 15:04	
2-Chlorophenol	ug/kg	<41.7	139	08/14/17 15:04	
2-Methylnaphthalene	ug/kg	<43.4	145	08/14/17 15:04	
2-Methylphenol(o-Cresol)	ug/kg	<30.3	101	08/14/17 15:04	
2-Nitroaniline	ug/kg	<47.6	159	08/14/17 15:04	
2-Nitrophenol	ug/kg	<52.7	176	08/14/17 15:04	
3&4-Methylphenol(m&p Cresol)	ug/kg	<30.6	102	08/14/17 15:04	
3,3'-Dichlorobenzidine	ug/kg	<45.3	151	08/14/17 15:04	
3-Nitroaniline	ug/kg	<28.4	94.7	08/14/17 15:04	
4,6-Dinitro-2-methylphenol	ug/kg	<51.5	172	08/14/17 15:04	
4-Bromophenylphenyl ether	ug/kg	<35.0	117	08/14/17 15:04	
4-Chloro-3-methylphenol	ug/kg	<52.0	173	08/14/17 15:04	
4-Chloroaniline	ug/kg	<27.4	91.5	08/14/17 15:04	
4-Chlorophenylphenyl ether	ug/kg	<31.1	104	08/14/17 15:04	
4-Nitroaniline	ug/kg	<69.3	231	08/14/17 15:04	
4-Nitrophenol	ug/kg	<42.0	140	08/14/17 15:04	
Acenaphthene	ug/kg	<59.2	197	08/14/17 15:04	
Acenaphthylene	ug/kg	<59.6	199	08/14/17 15:04	
Anthracene	ug/kg	<26.7	88.9	08/14/17 15:04	
Benzo(a)anthracene	ug/kg	<25.9	86.2	08/14/17 15:04	
Benzo(a)pyrene	ug/kg	<25.1	83.7	08/14/17 15:04	
Benzo(b)fluoranthene	ug/kg	<28.7	95.6	08/14/17 15:04	
Benzo(g,h,i)perylene	ug/kg	<43.7	146	08/14/17 15:04	
Benzo(k)fluoranthene	ug/kg	<40.0	133	08/14/17 15:04	
bis(2-Chloroethoxy)methane	ug/kg	<45.0	150	08/14/17 15:04	
bis(2-Chloroethyl) ether	ug/kg	<52.1	174	08/14/17 15:04	
bis(2-Ethylhexyl)phthalate	ug/kg	<27.8	92.6	08/14/17 15:04	
Butylbenzylphthalate	ug/kg	<26.8	89.2	08/14/17 15:04	

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QUALITY CONTROL DATA

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154392

METHOD BLANK: 1556347 Matrix: Solid
Associated Lab Samples: 40154392007, 40154392008, 40154392009, 40154392010, 40154392011, 40154392012, 40154392013, 40154392014

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Carbazole	ug/kg	<26.1	87.1	08/14/17 15:04	
Chrysene	ug/kg	<25.0	83.2	08/14/17 15:04	
Di-n-butylphthalate	ug/kg	<25.0	83.2	08/14/17 15:04	
Di-n-octylphthalate	ug/kg	<37.5	125	08/14/17 15:04	
Dibenz(a,h)anthracene	ug/kg	<45.4	151	08/14/17 15:04	
Dibenzofuran	ug/kg	<20.2	67.4	08/14/17 15:04	
Diethylphthalate	ug/kg	<27.7	92.3	08/14/17 15:04	
Dimethylphthalate	ug/kg	<21.7	72.4	08/14/17 15:04	
Fluoranthene	ug/kg	<23.6	78.8	08/14/17 15:04	
Fluorene	ug/kg	<19.5	65.1	08/14/17 15:04	
Hexachloro-1,3-butadiene	ug/kg	<42.5	142	08/14/17 15:04	
Hexachlorobenzene	ug/kg	<28.1	93.6	08/14/17 15:04	
Hexachlorocyclopentadiene	ug/kg	<39.5	132	08/14/17 15:04	
Hexachloroethane	ug/kg	<26.7	89.1	08/14/17 15:04	
Indeno(1,2,3-cd)pyrene	ug/kg	<36.1	120	08/14/17 15:04	
Isophorone	ug/kg	<25.7	85.6	08/14/17 15:04	
N-Nitroso-di-n-propylamine	ug/kg	<26.5	88.3	08/14/17 15:04	
N-Nitrosodiphenylamine	ug/kg	<227	755	08/14/17 15:04	
Naphthalene	ug/kg	<58.4	195	08/14/17 15:04	
Nitrobenzene	ug/kg	<33.9	113	08/14/17 15:04	
Pentachlorophenol	ug/kg	<36.8	123	08/14/17 15:04	
Phenanthrene	ug/kg	<21.4	71.4	08/14/17 15:04	
Phenol	ug/kg	<39.6	132	08/14/17 15:04	
Pyrene	ug/kg	<37.0	123	08/14/17 15:04	
2,4,6-Tribromophenol (S)	%	104	13-143	08/14/17 15:04	
2-Fluorobiphenyl (S)	%	86	18-127	08/14/17 15:04	
2-Fluorophenol (S)	%	83	16-103	08/14/17 15:04	
Nitrobenzene-d5 (S)	%	87	13-114	08/14/17 15:04	
Phenol-d6 (S)	%	79	30-97	08/14/17 15:04	
Terphenyl-d14 (S)	%	102	41-109	08/14/17 15:04	

LABORATORY CONTROL SAMPLE: 1556348

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	ug/kg	1670	1560	94	65-130	
1,2-Dichlorobenzene	ug/kg	1670	1410	85	53-130	
1,3-Dichlorobenzene	ug/kg	1670	1410	84	51-99	
1,4-Dichlorobenzene	ug/kg	1670	1410	85	52-101	
2,2'-Oxybis(1-chloropropane)	ug/kg	1670	1500	90	54-105	
2,4,5-Trichlorophenol	ug/kg	1670	1600	96	60-119	
2,4,6-Trichlorophenol	ug/kg	1670	1580	95	64-115	
2,4-Dichlorophenol	ug/kg	1670	1610	97	66-99	
2,4-Dimethylphenol	ug/kg	1670	1590	96	70-121	

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QUALITY CONTROL DATA

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154392

LABORATORY CONTROL SAMPLE: 1556348

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2,4-Dinitrophenol	ug/kg	1670	1300	78	23-72	L1
2,4-Dinitrotoluene	ug/kg	1670	1750	105	58-131	
2,6-Dinitrotoluene	ug/kg	1670	1750	105	60-125	
2-Chloronaphthalene	ug/kg	1670	1570	95	64-111	
2-Chlorophenol	ug/kg	1670	1460	88	57-130	
2-Methylnaphthalene	ug/kg	1670	1630	98	67-130	
2-Methylphenol(o-Cresol)	ug/kg	1670	1490	90	64-106	
2-Nitroaniline	ug/kg	1670	1650	99	60-124	
2-Nitrophenol	ug/kg	1670	1530	92	63-107	
3&4-Methylphenol(m&p Cresol)	ug/kg	1670	1480	89	62-106	
3,3'-Dichlorobenzidine	ug/kg	1670	1260	76	39-100	
3-Nitroaniline	ug/kg	1670	1520	91	53-119	
4,6-Dinitro-2-methylphenol	ug/kg	1670	1570	94	49-115	
4-Bromophenylphenyl ether	ug/kg	1670	1720	103	70-130	
4-Chloro-3-methylphenol	ug/kg	1670	1690	101	68-101	
4-Chloroaniline	ug/kg	1670	1350	81	62-126	
4-Chlorophenylphenyl ether	ug/kg	1670	1690	101	67-116	
4-Nitroaniline	ug/kg	1670	1580	95	48-130	
4-Nitrophenol	ug/kg	1670	1820	109	38-118	
Acenaphthene	ug/kg	1670	1620	97	65-116	
Acenaphthylene	ug/kg	1670	1610	97	63-119	
Anthracene	ug/kg	1670	1850	111	70-122	
Benzo(a)anthracene	ug/kg	1670	1570	94	68-111	
Benzo(a)pyrene	ug/kg	1670	1630	98	69-106	
Benzo(b)fluoranthene	ug/kg	1670	1610	97	62-104	
Benzo(g,h,i)perylene	ug/kg	1670	1690	102	55-114	
Benzo(k)fluoranthene	ug/kg	1670	1650	99	64-104	
bis(2-Chloroethoxy)methane	ug/kg	1670	1630	98	70-130	
bis(2-Chloroethyl) ether	ug/kg	1670	1430	86	55-130	
bis(2-Ethylhexyl)phthalate	ug/kg	1670	1750	105	56-117	
Butylbenzylphthalate	ug/kg	1670	1810	109	57-118	
Carbazole	ug/kg	1670	1850	111	70-125	
Chrysene	ug/kg	1670	1300	78	49-121	
Di-n-butylphthalate	ug/kg	1670	1930	116	68-113	L1
Di-n-octylphthalate	ug/kg	1670	1650	99	48-123	
Dibenz(a,h)anthracene	ug/kg	1670	982	59	10-124	
Dibenzofuran	ug/kg	1670	1580	95	67-118	
Diethylphthalate	ug/kg	1670	1880	113	68-117	
Dimethylphthalate	ug/kg	1670	1890	114	68-115	
Fluoranthene	ug/kg	1670	1780	107	72-117	
Fluorene	ug/kg	1670	1690	102	64-123	
Hexachloro-1,3-butadiene	ug/kg	1670	1710	103	62-106	
Hexachlorobenzene	ug/kg	1670	1710	103	70-130	
Hexachlorocyclopentadiene	ug/kg	1670	1230	74	41-114	
Hexachloroethane	ug/kg	1670	1470	88	51-96	
Indeno(1,2,3-cd)pyrene	ug/kg	1670	1510	90	47-116	
Isophorone	ug/kg	1670	1580	95	67-130	

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QUALITY CONTROL DATA

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154392

LABORATORY CONTROL SAMPLE: 1556348

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
N-Nitroso-di-n-propylamine	ug/kg	1670	1470	88	61-130	
N-Nitrosodiphenylamine	ug/kg	1670	1490	89	73-115	
Naphthalene	ug/kg	1670	1570	94	65-130	
Nitrobenzene	ug/kg	1670	1490	89	64-130	
Pentachlorophenol	ug/kg	1670	1660	100	50-111	
Phenanthrene	ug/kg	1670	1700	102	70-111	
Phenol	ug/kg	1670	1360	82	56-103	
Pyrene	ug/kg	1670	1710	103	69-118	
2,4,6-Tribromophenol (S)	%			110	13-143	
2-Fluorobiphenyl (S)	%			94	18-127	
2-Fluorophenol (S)	%			81	16-103	
Nitrobenzene-d5 (S)	%			92	13-114	
Phenol-d6 (S)	%			85	30-97	
Terphenyl-d14 (S)	%			101	41-109	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1556349 1556350

Parameter	Units	40154392009 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,2,4-Trichlorobenzene	ug/kg	<44.8	1990	1990	1640	1540	83	78	51-130	6	28	
1,2-Dichlorobenzene	ug/kg	<125	1990	1990	1630	1480	82	75	43-130	10	34	
1,3-Dichlorobenzene	ug/kg	<54.9	1990	1990	1580	1430	79	72	39-99	9	34	
1,4-Dichlorobenzene	ug/kg	<55.2	1990	1990	1650	1440	83	73	39-101	14	34	
2,2'-Oxybis(1-chloropropane)	ug/kg	<102	1990	1990	1820	1660	92	83	39-105	10	28	
2,4,5-Trichlorophenol	ug/kg	<70.0	1990	1990	741	862	37	43	34-119	15	39	
2,4,6-Trichlorophenol	ug/kg	<60.4	1990	1990	448	595	23	30	41-117	28	33	M1
2,4-Dichlorophenol	ug/kg	<106	1990	1990	1080	1260	55	64	48-99	15	23	
2,4-Dimethylphenol	ug/kg	<78.4	1990	1990	1580	1460	79	74	47-121	8	35	
2,4-Dinitrophenol	ug/kg	<121	1990	1990	<121	<121	0	0	10-72		50	M0
2,4-Dinitrotoluene	ug/kg	<56.7	1990	1990	1630	1450	82	73	34-131	12	28	
2,6-Dinitrotoluene	ug/kg	<75.3	1990	1990	1660	1630	84	82	37-127	2	23	
2-Chloronaphthalene	ug/kg	<50.9	1990	1990	1660	1600	84	81	51-111	4	20	
2-Chlorophenol	ug/kg	<99.0	1990	1990	1300	1320	65	66	45-130	2	30	
2-Methylnaphthalene	ug/kg	131J	1990	1990	1940	1780	91	83	47-130	8	37	
2-Methylphenol(o-Cresol)	ug/kg	<72.0	1990	1990	1490	1350	75	68	46-106	10	32	
2-Nitroaniline	ug/kg	<113	1990	1990	1740	1580	88	80	36-126	10	33	
2-Nitrophenol	ug/kg	<125	1990	1990	845	1060	43	53	29-114	22	33	
3&4-Methylphenol(m&p Cresol)	ug/kg	<72.7	1990	1990	1430	1270	72	64	42-106	12	33	
3,3'-Dichlorobenzidine	ug/kg	<108	1990	1990	1660	1590	84	80	10-120	4	50	
3-Nitroaniline	ug/kg	<67.4	1990	1990	1450	1390	73	70	22-125	4	39	
4,6-Dinitro-2-methylphenol	ug/kg	<122	1990	1990	<122	<122	0	0	10-115		50	M1
4-Bromophenylphenyl ether	ug/kg	<83.0	1990	1990	1660	1550	84	78	52-130	7	22	
4-Chloro-3-methylphenol	ug/kg	<123	1990	1990	1530	1550	77	78	52-101	1	31	
4-Chloroaniline	ug/kg	<65.2	1990	1990	1380	1320	69	66	26-126	4	41	

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QUALITY CONTROL DATA

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154392

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1556349 1556350

Parameter	Units	40154392009 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
4-Chlorophenylphenyl ether	ug/kg	<73.8	1990	1990	1780	1770	90	89	54-116	1	22	
4-Nitroaniline	ug/kg	<165	1990	1990	1290	1300	65	65	15-130	0	50	
4-Nitrophenol	ug/kg	<99.8	1990	1990	<100	<100	0	0	10-118		47	M1
Acenaphthene	ug/kg	<141	1990	1990	1800	1740	86	83	46-120	3	31	
Acenaphthylene	ug/kg	<141	1990	1990	1810	1700	87	82	50-119	6	30	
Anthracene	ug/kg	391	1990	1990	2290	2150	96	89	40-122	7	38	
Benzo(a)anthracene	ug/kg	1010	1990	1990	2510	2290	76	64	43-111	9	41	
Benzo(a)pyrene	ug/kg	892	1990	1990	2330	2160	73	64	46-106	7	43	
Benzo(b)fluoranthene	ug/kg	1150	1990	1990	2400	2270	63	57	39-104	6	47	
Benzo(g,h,i)perylene	ug/kg	563	1990	1990	1960	1830	70	64	39-114	7	37	
Benzo(k)fluoranthene	ug/kg	440	1990	1990	2080	1930	83	75	44-104	8	38	
bis(2-Chloroethoxy)methane	ug/kg	<107	1990	1990	1670	1590	84	80	49-130	5	20	
bis(2-Chloroethyl) ether	ug/kg	<124	1990	1990	1600	1440	81	73	40-130	10	33	
bis(2-Ethylhexyl)phthalate	ug/kg	<65.9	1990	1990	1870	1870	94	94	42-117	0	23	
Butylbenzylphthalate	ug/kg	<63.6	1990	1990	1960	1970	99	99	44-118	1	24	
Carbazole	ug/kg	106J	1990	1990	2090	1890	100	90	35-125	10	38	
Chrysene	ug/kg	1090	1990	1990	2210	1970	56	45	24-129	11	46	
Di-n-butylphthalate	ug/kg	<59.3	1990	1990	2110	2020	106	102	51-113	4	20	
Di-n-octylphthalate	ug/kg	<89.1	1990	1990	2060	1940	104	98	32-125	6	32	
Dibenz(a,h)anthracene	ug/kg	140J	1990	1990	1370	1280	62	58	10-124	7	33	
Dibenzofuran	ug/kg	88.6J	1990	1990	1790	1690	86	81	48-118	6	27	
Diethylphthalate	ug/kg	<65.7	1990	1990	2010	1940	101	98	54-117	4	32	
Dimethylphthalate	ug/kg	<51.6	1990	1990	1930	1870	97	94	53-115	3	35	
Fluoranthene	ug/kg	2240	1990	1990	3640	3100	71	43	41-117	16	41	
Fluorene	ug/kg	131J	1990	1990	1940	1840	91	86	46-123	5	36	
Hexachloro-1,3-butadiene	ug/kg	<101	1990	1990	1790	1660	90	84	46-106	7	27	
Hexachlorobenzene	ug/kg	<66.7	1990	1990	1720	1640	87	83	51-130	5	22	
Hexachlorocyclopentadiene	ug/kg	<93.8	1990	1990	200J	260J	10	13	10-118		47	
Hexachloroethane	ug/kg	<63.4	1990	1990	1490	1310	75	66	36-96	13	42	
Indeno(1,2,3-cd)pyrene	ug/kg	616	1990	1990	1940	1820	67	61	31-116	6	37	
Isophorone	ug/kg	<60.9	1990	1990	1620	1480	82	75	50-130	9	21	
N-Nitroso-di-n-propylamine	ug/kg	<62.9	1990	1990	1650	1560	83	79	46-130	6	36	
N-Nitrosodiphenylamine	ug/kg	<538	1990	1990	1580J	1470J	80	74	50-117		28	
Naphthalene	ug/kg	<139	1990	1990	1860	1700	89	81	46-130	9	28	
Nitrobenzene	ug/kg	<80.4	1990	1990	1600	1410	81	71	44-130	13	28	
Pentachlorophenol	ug/kg	<87.3	1990	1990	<87.5	<87.5	2	3	10-119		50	M1
Phenanthrene	ug/kg	1510	1990	1990	2830	2560	67	53	42-111	10	45	
Phenol	ug/kg	<94.1	1990	1990	1340	1300	67	66	39-103	3	30	
Pyrene	ug/kg	1590	1990	1990	3040	2850	74	64	44-118	7	43	
2,4,6-Tribromophenol (S)	%						37	45	13-143			
2-Fluorobiphenyl (S)	%						83	79	18-127			
2-Fluorophenol (S)	%						44	48	16-103			
Nitrobenzene-d5 (S)	%						81	71	13-114			
Phenol-d6 (S)	%						63	62	30-97			
Terphenyl-d14 (S)	%						87	85	41-109			

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QUALITY CONTROL DATA

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154392

QC Batch: 263696 | Analysis Method: EPA 8270
QC Batch Method: EPA 3510 | Analysis Description: 8270 Water MSSV
Associated Lab Samples: 40154392001, 40154392002, 40154392003

METHOD BLANK: 1552186 | Matrix: Water
Associated Lab Samples: 40154392001, 40154392002, 40154392003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trichlorobenzene	ug/L	<2.0	6.8	08/07/17 14:31	
1,2-Dichlorobenzene	ug/L	<1.9	6.4	08/07/17 14:31	
1,3-Dichlorobenzene	ug/L	<1.9	6.3	08/07/17 14:31	
1,4-Dichlorobenzene	ug/L	<1.9	6.3	08/07/17 14:31	
2,2'-Oxybis(1-chloropropane)	ug/L	<1.5	5.1	08/07/17 14:31	
2,4,5-Trichlorophenol	ug/L	<0.84	2.8	08/07/17 14:31	
2,4,6-Trichlorophenol	ug/L	<2.1	7.0	08/07/17 14:31	
2,4-Dichlorophenol	ug/L	<1.4	4.6	08/07/17 14:31	
2,4-Dimethylphenol	ug/L	<1.3	4.2	08/07/17 14:31	
2,4-Dinitrophenol	ug/L	<0.71	2.4	08/07/17 14:31	
2,4-Dinitrotoluene	ug/L	<0.79	2.6	08/07/17 14:31	
2,6-Dinitrotoluene	ug/L	<0.60	2.0	08/07/17 14:31	
2-Chloronaphthalene	ug/L	<1.6	5.5	08/07/17 14:31	
2-Chlorophenol	ug/L	<1.2	3.9	08/07/17 14:31	
2-Methylnaphthalene	ug/L	<1.5	5.0	08/07/17 14:31	
2-Methylphenol(o-Cresol)	ug/L	<0.87	2.9	08/07/17 14:31	
2-Nitroaniline	ug/L	<0.77	2.6	08/07/17 14:31	
2-Nitrophenol	ug/L	<1.2	3.9	08/07/17 14:31	
3&4-Methylphenol(m&p Cresol)	ug/L	<1.6	5.2	08/07/17 14:31	
3,3'-Dichlorobenzidine	ug/L	<0.91	3.0	08/07/17 14:31	
3-Nitroaniline	ug/L	<0.97	3.2	08/07/17 14:31	
4,6-Dinitro-2-methylphenol	ug/L	<0.65	2.2	08/07/17 14:31	
4-Bromophenylphenyl ether	ug/L	<2.0	6.6	08/07/17 14:31	
4-Chloro-3-methylphenol	ug/L	<1.7	5.6	08/07/17 14:31	
4-Chloroaniline	ug/L	<1.1	3.7	08/07/17 14:31	
4-Chlorophenylphenyl ether	ug/L	<0.82	2.7	08/07/17 14:31	
4-Nitroaniline	ug/L	<1.8	6.1	08/07/17 14:31	
4-Nitrophenol	ug/L	<1.0	3.5	08/07/17 14:31	
Acenaphthene	ug/L	<1.3	4.5	08/07/17 14:31	
Acenaphthylene	ug/L	<1.1	3.5	08/07/17 14:31	
Anthracene	ug/L	<1.8	6.0	08/07/17 14:31	
Benzo(a)anthracene	ug/L	<0.53	1.8	08/07/17 14:31	
Benzo(a)pyrene	ug/L	<1.9	6.3	08/07/17 14:31	
Benzo(b)fluoranthene	ug/L	<0.65	2.2	08/07/17 14:31	
Benzo(g,h,i)perylene	ug/L	<0.81	2.7	08/07/17 14:31	
Benzo(k)fluoranthene	ug/L	<1.0	3.3	08/07/17 14:31	
bis(2-Chloroethoxy)methane	ug/L	<1.0	3.3	08/07/17 14:31	
bis(2-Chloroethyl) ether	ug/L	<1.6	5.3	08/07/17 14:31	
bis(2-Ethylhexyl)phthalate	ug/L	<0.69	2.3	08/07/17 14:31	
Butylbenzylphthalate	ug/L	<0.77	2.6	08/07/17 14:31	
Carbazole	ug/L	<0.75	2.5	08/07/17 14:31	

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QUALITY CONTROL DATA

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154392

METHOD BLANK: 1552186 Matrix: Water
Associated Lab Samples: 40154392001, 40154392002, 40154392003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chrysene	ug/L	<1.7	5.8	08/07/17 14:31	
Di-n-butylphthalate	ug/L	<2.6	8.5	08/07/17 14:31	
Di-n-octylphthalate	ug/L	<1.9	6.3	08/07/17 14:31	
Dibenz(a,h)anthracene	ug/L	<1.3	4.4	08/07/17 14:31	
Dibenzofuran	ug/L	<0.77	2.6	08/07/17 14:31	
Diethylphthalate	ug/L	<1.1	3.6	08/07/17 14:31	
Dimethylphthalate	ug/L	<1.9	6.4	08/07/17 14:31	
Fluoranthene	ug/L	<0.56	1.9	08/07/17 14:31	
Fluorene	ug/L	<0.75	2.5	08/07/17 14:31	
Hexachloro-1,3-butadiene	ug/L	<2.5	8.2	08/07/17 14:31	
Hexachlorobenzene	ug/L	<1.7	5.6	08/07/17 14:31	
Hexachlorocyclopentadiene	ug/L	<0.68	2.3	08/07/17 14:31	
Hexachloroethane	ug/L	<2.7	8.9	08/07/17 14:31	
Indeno(1,2,3-cd)pyrene	ug/L	<1.5	5.0	08/07/17 14:31	
Isophorone	ug/L	<0.73	2.4	08/07/17 14:31	
N-Nitroso-di-n-propylamine	ug/L	<0.97	3.2	08/07/17 14:31	
N-Nitrosodiphenylamine	ug/L	<3.5	11.8	08/07/17 14:31	
Naphthalene	ug/L	<1.9	6.3	08/07/17 14:31	
Nitrobenzene	ug/L	<1.5	4.8	08/07/17 14:31	
Pentachlorophenol	ug/L	<1.4	4.8	08/07/17 14:31	
Phenanthrene	ug/L	<1.8	6.1	08/07/17 14:31	
Phenol	ug/L	<0.60	2.0	08/07/17 14:31	
Pyrene	ug/L	<1.3	4.5	08/07/17 14:31	
2,4,6-Tribromophenol (S)	%	98	65-140	08/07/17 14:31	
2-Fluorobiphenyl (S)	%	85	59-109	08/07/17 14:31	
2-Fluorophenol (S)	%	57	27-67	08/07/17 14:31	
Nitrobenzene-d5 (S)	%	95	53-100	08/07/17 14:31	
Phenol-d6 (S)	%	38	18-120	08/07/17 14:31	
Terphenyl-d14 (S)	%	98	59-108	08/07/17 14:31	

LABORATORY CONTROL SAMPLE & LCSD: 1552187 1552188

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,2,4-Trichlorobenzene	ug/L	50	43.4	40.2	87	80	66-130	8	20	
1,2-Dichlorobenzene	ug/L	50	37.8	33.8	76	68	50-130	11	20	
1,3-Dichlorobenzene	ug/L	50	35.4	32.5	71	65	42-98	9	21	
1,4-Dichlorobenzene	ug/L	50	36.4	33.2	73	66	44-84	9	20	
2,2'-Oxybis(1-chloropropane)	ug/L	50	47.1	43.1	94	86	58-130	9	20	
2,4,5-Trichlorophenol	ug/L	50	46.0	45.4	92	91	63-127	1	24	
2,4,6-Trichlorophenol	ug/L	50	47.3	46.2	95	92	65-125	2	23	
2,4-Dichlorophenol	ug/L	50	45.1	45.7	90	91	71-104	1	20	
2,4-Dimethylphenol	ug/L	50	33.9	36.7	68	73	40-85	8	29	
2,4-Dinitrophenol	ug/L	50	40.4	38.6	81	77	33-126	5	34	
2,4-Dinitrotoluene	ug/L	50	51.4	48.2	103	96	68-137	6	20	

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QUALITY CONTROL DATA

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154392

LABORATORY CONTROL SAMPLE & LCSD: 1552187 1552188

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
2,6-Dinitrotoluene	ug/L	50	52.8	49.6	106	99	71-130	6	20	
2-Chloronaphthalene	ug/L	50	46.7	44.5	93	89	70-120	5	20	
2-Chlorophenol	ug/L	50	41.5	43.2	83	86	60-101	4	20	
2-Methylnaphthalene	ug/L	50	47.2	44.9	94	90	70-130	5	20	
2-Methylphenol(o-Cresol)	ug/L	50	37.1	39.0	74	78	54-103	5	20	
2-Nitroaniline	ug/L	50	51.3	46.7	103	93	70-130	9	20	
2-Nitrophenol	ug/L	50	46.9	47.0	94	94	66-111	0	20	
3&4-Methylphenol(m&p Cresol)	ug/L	50	33.1	34.2	66	68	50-95	3	20	
3,3'-Dichlorobenzidine	ug/L	50	35.1	33.4	70	67	37-97	5	26	
3-Nitroaniline	ug/L	50	49.0	45.8	98	92	70-113	7	20	
4,6-Dinitro-2-methylphenol	ug/L	50	48.8	48.2	98	96	49-136	1	25	
4-Bromophenylphenyl ether	ug/L	50	51.9	51.1	104	102	70-130	2	20	
4-Chloro-3-methylphenol	ug/L	50	45.4	45.9	91	92	69-109	1	20	
4-Chloroaniline	ug/L	50	46.7	45.1	93	90	70-125	3	20	
4-Chlorophenylphenyl ether	ug/L	50	48.5	46.3	97	93	70-130	5	20	
4-Nitroaniline	ug/L	50	49.2	44.8	98	90	70-124	9	23	
4-Nitrophenol	ug/L	50	21.4	17.6	43	35	21-130	20	30	
Acenaphthene	ug/L	50	48.4	45.7	97	91	73-118	6	20	
Acenaphthylene	ug/L	50	48.1	45.3	96	91	70-120	6	20	
Anthracene	ug/L	50	53.7	53.1	107	106	70-130	1	20	
Benzo(a)anthracene	ug/L	50	48.6	46.2	97	92	70-130	5	20	
Benzo(a)pyrene	ug/L	50	49.2	45.2	98	90	73-106	8	20	
Benzo(b)fluoranthene	ug/L	50	49.5	45.7	99	91	68-130	8	20	
Benzo(g,h,i)perylene	ug/L	50	51.9	48.0	104	96	60-121	8	20	
Benzo(k)fluoranthene	ug/L	50	48.5	46.4	97	93	62-124	4	20	
bis(2-Chloroethoxy)methane	ug/L	50	50.8	48.2	102	96	70-130	5	20	
bis(2-Chloroethyl) ether	ug/L	50	47.4	43.9	95	88	65-130	8	20	
bis(2-Ethylhexyl)phthalate	ug/L	50	55.3	50.7	111	101	66-123	9	20	
Butylbenzylphthalate	ug/L	50	57.1	52.9	114	106	63-123	8	20	
Carbazole	ug/L	50	56.2	53.4	112	107	70-130	5	20	
Chrysene	ug/L	50	39.3	37.8	79	76	50-127	4	20	
Di-n-butylphthalate	ug/L	50	58.7	55.2	117	110	70-130	6	20	
Di-n-octylphthalate	ug/L	50	52.9	47.9	106	96	53-121	10	23	
Dibenz(a,h)anthracene	ug/L	50	33.9	30.4	68	61	10-130	11	25	
Dibenzofuran	ug/L	50	46.3	44.8	93	90	70-124	3	20	
Diethylphthalate	ug/L	50	54.1	51.5	108	103	70-130	5	20	
Dimethylphthalate	ug/L	50	53.4	52.6	107	105	70-130	2	20	
Fluoranthene	ug/L	50	52.7	49.8	105	100	75-118	6	21	
Fluorene	ug/L	50	49.6	47.3	99	95	70-130	5	20	
Hexachloro-1,3-butadiene	ug/L	50	43.6	41.1	87	82	57-100	6	20	
Hexachlorobenzene	ug/L	50	51.6	49.9	103	100	70-130	3	20	
Hexachlorocyclopentadiene	ug/L	50	22.4	19.6	45	39	19-75	13	29	
Hexachloroethane	ug/L	50	34.6	31.1	69	62	41-130	10	24	
Indeno(1,2,3-cd)pyrene	ug/L	50	51.8	46.9	104	94	43-122	10	26	
Isophorone	ug/L	50	48.6	45.6	97	91	70-130	6	20	
N-Nitroso-di-n-propylamine	ug/L	50	46.0	42.2	92	84	70-130	9	20	
N-Nitrosodiphenylamine	ug/L	50	53.2	54.2	106	108	83-129	2	20	

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QUALITY CONTROL DATA

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154392

LABORATORY CONTROL SAMPLE & LCSD: 1552187 1552188

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Naphthalene	ug/L	50	46.2	43.7	92	87	68-130	6	20	
Nitrobenzene	ug/L	50	46.9	43.9	94	88	70-130	7	20	
Pentachlorophenol	ug/L	50	49.3	46.4	99	93	57-121	6	26	
Phenanthrene	ug/L	50	50.6	49.3	101	99	70-124	3	20	
Phenol	ug/L	50	20.0	18.2	40	36	25-120	9	20	
Pyrene	ug/L	50	52.3	50.4	105	101	70-130	4	21	
2,4,6-Tribromophenol (S)	%				103	98	65-140			
2-Fluorobiphenyl (S)	%				88	80	59-109			
2-Fluorophenol (S)	%				56	57	27-67			
Nitrobenzene-d5 (S)	%				93	86	53-100			
Phenol-d6 (S)	%				38	34	18-120			
Terphenyl-d14 (S)	%				103	101	59-108			

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QUALITY CONTROL DATA

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154392

QC Batch: 263959 | Analysis Method: EPA 8270
QC Batch Method: EPA 3510 | Analysis Description: 8270 Water MSSV
Associated Lab Samples: 40154392005, 40154392006

METHOD BLANK: 1553397 | Matrix: Water
Associated Lab Samples: 40154392005, 40154392006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trichlorobenzene	ug/L	<2.0	6.8	08/09/17 17:27	
1,2-Dichlorobenzene	ug/L	<1.9	6.4	08/09/17 17:27	
1,3-Dichlorobenzene	ug/L	<1.9	6.3	08/09/17 17:27	
1,4-Dichlorobenzene	ug/L	<1.9	6.3	08/09/17 17:27	
2,2'-Oxybis(1-chloropropane)	ug/L	<1.5	5.1	08/09/17 17:27	
2,4,5-Trichlorophenol	ug/L	<0.84	2.8	08/09/17 17:27	
2,4,6-Trichlorophenol	ug/L	<2.1	7.0	08/09/17 17:27	
2,4-Dichlorophenol	ug/L	<1.4	4.6	08/09/17 17:27	
2,4-Dimethylphenol	ug/L	<1.3	4.2	08/09/17 17:27	
2,4-Dinitrophenol	ug/L	<0.71	2.4	08/09/17 17:27	
2,4-Dinitrotoluene	ug/L	<0.79	2.6	08/09/17 17:27	
2,6-Dinitrotoluene	ug/L	<0.60	2.0	08/09/17 17:27	
2-Chloronaphthalene	ug/L	<1.6	5.5	08/09/17 17:27	
2-Chlorophenol	ug/L	<1.2	3.9	08/09/17 17:27	
2-Methylnaphthalene	ug/L	<1.5	5.0	08/09/17 17:27	
2-Methylphenol(o-Cresol)	ug/L	<0.87	2.9	08/09/17 17:27	
2-Nitroaniline	ug/L	<0.77	2.6	08/09/17 17:27	
2-Nitrophenol	ug/L	<1.2	3.9	08/09/17 17:27	
3&4-Methylphenol(m&p Cresol)	ug/L	<1.6	5.2	08/09/17 17:27	
3,3'-Dichlorobenzidine	ug/L	<0.91	3.0	08/09/17 17:27	
3-Nitroaniline	ug/L	<0.97	3.2	08/09/17 17:27	
4,6-Dinitro-2-methylphenol	ug/L	<0.65	2.2	08/09/17 17:27	
4-Bromophenylphenyl ether	ug/L	<2.0	6.6	08/09/17 17:27	
4-Chloro-3-methylphenol	ug/L	<1.7	5.6	08/09/17 17:27	
4-Chloroaniline	ug/L	<1.1	3.7	08/09/17 17:27	
4-Chlorophenylphenyl ether	ug/L	<0.82	2.7	08/09/17 17:27	
4-Nitroaniline	ug/L	<1.8	6.1	08/09/17 17:27	
4-Nitrophenol	ug/L	<1.0	3.5	08/09/17 17:27	
Acenaphthene	ug/L	<1.3	4.5	08/09/17 17:27	
Acenaphthylene	ug/L	<1.1	3.5	08/09/17 17:27	
Anthracene	ug/L	<1.8	6.0	08/09/17 17:27	
Benzo(a)anthracene	ug/L	<0.53	1.8	08/09/17 17:27	
Benzo(a)pyrene	ug/L	<1.9	6.3	08/09/17 17:27	
Benzo(b)fluoranthene	ug/L	<0.65	2.2	08/09/17 17:27	
Benzo(g,h,i)perylene	ug/L	<0.81	2.7	08/09/17 17:27	
Benzo(k)fluoranthene	ug/L	<1.0	3.3	08/09/17 17:27	
bis(2-Chloroethoxy)methane	ug/L	<1.0	3.3	08/09/17 17:27	
bis(2-Chloroethyl) ether	ug/L	<1.6	5.3	08/09/17 17:27	
bis(2-Ethylhexyl)phthalate	ug/L	<0.69	2.3	08/09/17 17:27	
Butylbenzylphthalate	ug/L	<0.77	2.6	08/09/17 17:27	
Carbazole	ug/L	<0.75	2.5	08/09/17 17:27	

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QUALITY CONTROL DATA

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154392

METHOD BLANK: 1553397 Matrix: Water
Associated Lab Samples: 40154392005, 40154392006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chrysene	ug/L	<1.7	5.8	08/09/17 17:27	
Di-n-butylphthalate	ug/L	<2.6	8.5	08/09/17 17:27	
Di-n-octylphthalate	ug/L	<1.9	6.3	08/09/17 17:27	
Dibenz(a,h)anthracene	ug/L	<1.3	4.4	08/09/17 17:27	
Dibenzofuran	ug/L	<0.77	2.6	08/09/17 17:27	
Diethylphthalate	ug/L	<1.1	3.6	08/09/17 17:27	
Dimethylphthalate	ug/L	<1.9	6.4	08/09/17 17:27	
Fluoranthene	ug/L	<0.56	1.9	08/09/17 17:27	
Fluorene	ug/L	<0.75	2.5	08/09/17 17:27	
Hexachloro-1,3-butadiene	ug/L	<2.5	8.2	08/09/17 17:27	
Hexachlorobenzene	ug/L	<1.7	5.6	08/09/17 17:27	
Hexachlorocyclopentadiene	ug/L	<0.68	2.3	08/09/17 17:27	
Hexachloroethane	ug/L	<2.7	8.9	08/09/17 17:27	
Indeno(1,2,3-cd)pyrene	ug/L	<1.5	5.0	08/09/17 17:27	
Isophorone	ug/L	<0.73	2.4	08/09/17 17:27	
N-Nitroso-di-n-propylamine	ug/L	<0.97	3.2	08/09/17 17:27	
N-Nitrosodiphenylamine	ug/L	<3.5	11.8	08/09/17 17:27	
Naphthalene	ug/L	<1.9	6.3	08/09/17 17:27	
Nitrobenzene	ug/L	<1.5	4.8	08/09/17 17:27	
Pentachlorophenol	ug/L	<1.4	4.8	08/09/17 17:27	
Phenanthrene	ug/L	<1.8	6.1	08/09/17 17:27	
Phenol	ug/L	<0.60	2.0	08/09/17 17:27	
Pyrene	ug/L	<1.3	4.5	08/09/17 17:27	
2,4,6-Tribromophenol (S)	%	105	65-140	08/09/17 17:27	
2-Fluorobiphenyl (S)	%	90	59-109	08/09/17 17:27	
2-Fluorophenol (S)	%	54	27-67	08/09/17 17:27	
Nitrobenzene-d5 (S)	%	95	53-100	08/09/17 17:27	
Phenol-d6 (S)	%	34	18-120	08/09/17 17:27	
Terphenyl-d14 (S)	%	107	59-108	08/09/17 17:27	

LABORATORY CONTROL SAMPLE: 1553398

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	ug/L	50	46.4	93	66-130	
1,2-Dichlorobenzene	ug/L	50	39.5	79	50-130	
1,3-Dichlorobenzene	ug/L	50	37.9	76	42-98	
1,4-Dichlorobenzene	ug/L	50	38.2	76	44-84	
2,2'-Oxybis(1-chloropropane)	ug/L	50	46.0	92	58-130	
2,4,5-Trichlorophenol	ug/L	50	48.8	98	63-127	
2,4,6-Trichlorophenol	ug/L	50	50.3	101	65-125	
2,4-Dichlorophenol	ug/L	50	48.4	97	71-104	
2,4-Dimethylphenol	ug/L	50	38.6	77	40-85	
2,4-Dinitrophenol	ug/L	50	39.7	79	33-126	
2,4-Dinitrotoluene	ug/L	50	56.3	113	68-137	

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QUALITY CONTROL DATA

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154392

LABORATORY CONTROL SAMPLE: 1553398

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2,6-Dinitrotoluene	ug/L	50	55.4	111	71-130	
2-Chloronaphthalene	ug/L	50	47.7	95	70-120	
2-Chlorophenol	ug/L	50	44.7	89	60-101	
2-Methylnaphthalene	ug/L	50	50.0	100	70-130	
2-Methylphenol(o-Cresol)	ug/L	50	39.7	79	54-103	
2-Nitroaniline	ug/L	50	52.0	104	70-130	
2-Nitrophenol	ug/L	50	50.8	102	66-111	
3&4-Methylphenol(m&p Cresol)	ug/L	50	35.0	70	50-95	
3,3'-Dichlorobenzidine	ug/L	50	36.8	74	37-97	
3-Nitroaniline	ug/L	50	51.7	103	70-113	
4,6-Dinitro-2-methylphenol	ug/L	50	47.1	94	49-136	
4-Bromophenylphenyl ether	ug/L	50	52.4	105	70-130	
4-Chloro-3-methylphenol	ug/L	50	52.6	105	69-109	
4-Chloroaniline	ug/L	50	44.1	88	70-125	
4-Chlorophenylphenyl ether	ug/L	50	52.9	106	70-130	
4-Nitroaniline	ug/L	50	51.3	103	70-124	
4-Nitrophenol	ug/L	50	18.1	36	21-130	
Acenaphthene	ug/L	50	49.9	100	73-118	
Acenaphthylene	ug/L	50	50.4	101	70-120	
Anthracene	ug/L	50	57.4	115	70-130	
Benzo(a)anthracene	ug/L	50	46.1	92	70-130	
Benzo(a)pyrene	ug/L	50	44.4	89	73-106	
Benzo(b)fluoranthene	ug/L	50	45.2	90	68-130	
Benzo(g,h,i)perylene	ug/L	50	46.2	92	60-121	
Benzo(k)fluoranthene	ug/L	50	42.5	85	62-124	
bis(2-Chloroethoxy)methane	ug/L	50	50.2	100	70-130	
bis(2-Chloroethyl) ether	ug/L	50	46.1	92	65-130	
bis(2-Ethylhexyl)phthalate	ug/L	50	53.9	108	66-123	
Butylbenzylphthalate	ug/L	50	56.4	113	63-123	
Carbazole	ug/L	50	58.1	116	70-130	
Chrysene	ug/L	50	37.6	75	50-127	
Di-n-butylphthalate	ug/L	50	63.0	126	70-130	
Di-n-octylphthalate	ug/L	50	51.2	102	53-121	
Dibenz(a,h)anthracene	ug/L	50	30.7	61	10-130	
Dibenzofuran	ug/L	50	49.8	100	70-124	
Diethylphthalate	ug/L	50	60.2	120	70-130	
Dimethylphthalate	ug/L	50	58.3	117	70-130	
Fluoranthene	ug/L	50	58.4	117	75-118	
Fluorene	ug/L	50	53.7	107	70-130	
Hexachloro-1,3-butadiene	ug/L	50	49.4	99	57-100	
Hexachlorobenzene	ug/L	50	52.6	105	70-130	
Hexachlorocyclopentadiene	ug/L	50	20.0	40	19-75	
Hexachloroethane	ug/L	50	37.6	75	41-130	
Indeno(1,2,3-cd)pyrene	ug/L	50	46.5	93	43-122	
Isophorone	ug/L	50	49.2	98	70-130	
N-Nitroso-di-n-propylamine	ug/L	50	42.9	86	70-130	
N-Nitrosodiphenylamine	ug/L	50	52.3	105	83-129	

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QUALITY CONTROL DATA

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154392

LABORATORY CONTROL SAMPLE: 1553398

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Naphthalene	ug/L	50	47.8	96	68-130	
Nitrobenzene	ug/L	50	47.1	94	70-130	
Pentachlorophenol	ug/L	50	50.6	101	57-121	
Phenanthrene	ug/L	50	53.1	106	70-124	
Phenol	ug/L	50	18.7	37	25-120	
Pyrene	ug/L	50	51.0	102	70-130	
2,4,6-Tribromophenol (S)	%			123	65-140	
2-Fluorobiphenyl (S)	%			92	59-109	
2-Fluorophenol (S)	%			60	27-67	
Nitrobenzene-d5 (S)	%			101	53-100	S0
Phenol-d6 (S)	%			37	18-120	
Terphenyl-d14 (S)	%			104	59-108	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1553399 1553400

Parameter	Units	40154413004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
2,4-Dimethylphenol	ug/L	<1.2	50	52.1	22.4	21.0	45	40	10-85	7	50	
2-Methylnaphthalene	ug/L	<1.5	50	52.1	48.1	53.7	96	103	58-130	11	22	
3&4-Methylphenol(m&p Cresol)	ug/L	<1.5	50	52.1	31.4	30.7	63	59	21-95	2	45	
Carbazole	ug/L	<0.72	50	52.1	55.4	61.9	111	119	68-130	11	22	
Dibenzofuran	ug/L	<0.74	50	52.1	46.6	52.6	93	101	52-124	12	21	
Phenol	ug/L	<0.58	50	52.1	15.6	18.4	31	35	16-120	17	24	
2,4,6-Tribromophenol (S)	%						111	113	65-140			
2-Fluorobiphenyl (S)	%						88	94	59-109			
2-Fluorophenol (S)	%						51	50	27-67			
Nitrobenzene-d5 (S)	%						90	98	53-100			
Phenol-d6 (S)	%						32	36	18-120			
Terphenyl-d14 (S)	%						100	99	59-108			

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QUALITY CONTROL DATA

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154392

QC Batch: 263818
QC Batch Method: EPA 3510
Analysis Method: EPA 8270 by HVI
Analysis Description: 8270 Water PAH by HVI
Associated Lab Samples: 40154392004

METHOD BLANK: 1552592
Matrix: Water
Associated Lab Samples: 40154392004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1-Methylnaphthalene	ug/L	<0.0059	0.030	08/08/17 13:13	
2-Methylnaphthalene	ug/L	<0.0049	0.024	08/08/17 13:13	
Acenaphthene	ug/L	<0.0061	0.030	08/08/17 13:13	
Acenaphthylene	ug/L	<0.0050	0.025	08/08/17 13:13	
Anthracene	ug/L	<0.010	0.052	08/08/17 13:13	
Benzo(a)anthracene	ug/L	<0.0076	0.038	08/08/17 13:13	
Benzo(a)pyrene	ug/L	<0.011	0.053	08/08/17 13:13	
Benzo(b)fluoranthene	ug/L	<0.0057	0.029	08/08/17 13:13	
Benzo(g,h,i)perylene	ug/L	<0.0068	0.034	08/08/17 13:13	
Benzo(k)fluoranthene	ug/L	<0.0076	0.038	08/08/17 13:13	
Chrysene	ug/L	<0.013	0.065	08/08/17 13:13	
Dibenz(a,h)anthracene	ug/L	<0.010	0.050	08/08/17 13:13	
Fluoranthene	ug/L	<0.011	0.053	08/08/17 13:13	
Fluorene	ug/L	<0.0080	0.040	08/08/17 13:13	
Indeno(1,2,3-cd)pyrene	ug/L	<0.018	0.088	08/08/17 13:13	
Naphthalene	ug/L	<0.018	0.092	08/08/17 13:13	
Phenanthrene	ug/L	0.026J	0.069	08/08/17 13:13	
Pyrene	ug/L	0.011J	0.038	08/08/17 13:13	
2-Fluorobiphenyl (S)	%	54	35-84	08/08/17 13:13	
Terphenyl-d14 (S)	%	97	10-129	08/08/17 13:13	

LABORATORY CONTROL SAMPLE: 1552593

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/L	2	1.2	59	39-83	
2-Methylnaphthalene	ug/L	2	1.2	58	38-86	
Acenaphthene	ug/L	2	1.3	66	35-85	
Acenaphthylene	ug/L	2	1.2	59	31-88	
Anthracene	ug/L	2	1.5	73	47-104	
Benzo(a)anthracene	ug/L	2	1.5	74	36-105	
Benzo(a)pyrene	ug/L	2	1.8	88	69-117	
Benzo(b)fluoranthene	ug/L	2	1.8	89	54-107	
Benzo(g,h,i)perylene	ug/L	2	0.99	49	13-86	
Benzo(k)fluoranthene	ug/L	2	2.1	106	63-128	
Chrysene	ug/L	2	2.2	108	69-150	
Dibenz(a,h)anthracene	ug/L	2	0.75	38	10-87	
Fluoranthene	ug/L	2	1.6	80	57-103	
Fluorene	ug/L	2	1.3	67	38-85	
Indeno(1,2,3-cd)pyrene	ug/L	2	1.4	69	40-111	
Naphthalene	ug/L	2	1.2	61	39-82	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154392

LABORATORY CONTROL SAMPLE: 1552593

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Phenanthrene	ug/L	2	1.5	76	46-96	
Pyrene	ug/L	2	1.8	91	57-110	
2-Fluorobiphenyl (S)	%			64	35-84	
Terphenyl-d14 (S)	%			92	10-129	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1552594 1552595

Parameter	Units	40154413004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1-Methylnaphthalene	ug/L	<0.0063	2.2	2.1	1.1	0.94	48	44	27-86	13	29	
2-Methylnaphthalene	ug/L	<0.0052	2.2	2.1	1.0	0.92	45	43	30-86	10	35	
Acenaphthene	ug/L	<0.0065	2.2	2.1	1.1	1.0	50	49	28-85	9	29	
Acenaphthylene	ug/L	<0.0053	2.2	2.1	0.97	0.89	43	42	27-88	8	29	
Anthracene	ug/L	<0.011	2.2	2.1	1.5	0.99	65	46	38-104	39	35	R1
Benzo(a)anthracene	ug/L	<0.0080	2.2	2.1	1.1	0.77	48	36	10-105	33	28	R1
Benzo(a)pyrene	ug/L	<0.011	2.2	2.1	1.3	1.0	56	49	10-130	18	26	
Benzo(b)fluoranthene	ug/L	<0.0061	2.2	2.1	1.3	1.1	58	53	10-115	14	25	
Benzo(g,h,i)perylene	ug/L	<0.0072	2.2	2.1	0.61	0.47	27	22	10-87	25	42	
Benzo(k)fluoranthene	ug/L	<0.0080	2.2	2.1	1.5	1.1	67	54	10-133	27	25	R1
Chrysene	ug/L	<0.014	2.2	2.1	2.0	1.4	87	65	17-150	34	24	R1
Dibenz(a,h)anthracene	ug/L	<0.011	2.2	2.1	0.54	0.44	24	21	10-89	21	49	
Fluoranthene	ug/L	<0.011	2.2	2.1	1.4	1.0	62	49	41-103	30	32	
Fluorene	ug/L	<0.0085	2.2	2.1	1.1	1.0	50	48	32-85	10	28	
Indeno(1,2,3-cd)pyrene	ug/L	<0.019	2.2	2.1	0.86	0.73	38	35	10-111	15	37	
Naphthalene	ug/L	<0.020	2.2	2.1	1.0	1.0	47	47	23-88	5	28	
Phenanthrene	ug/L	0.015J	2.2	2.1	1.3	1.0	58	48	33-96	24	25	
Pyrene	ug/L	<0.0081	2.2	2.1	1.6	1.3	73	60	38-110	25	28	
2-Fluorobiphenyl (S)	%						46	46	35-84			
Terphenyl-d14 (S)	%						71	61	10-129			

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QUALITY CONTROL DATA

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154392

QC Batch: 264490 | Analysis Method: ASTM D2974-87
QC Batch Method: ASTM D2974-87 | Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 40154392007, 40154392008, 40154392009, 40154392010, 40154392011, 40154392012, 40154392013, 40154392014

SAMPLE DUPLICATE: 1556488

Parameter	Units	40154392007 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	8.1	8.0	0	10	

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QUALIFIERS

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154392

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above LOD.

J - Estimated concentration at or above the LOD and below the LOQ.

LOD - Limit of Detection adjusted for dilution factor and percent moisture.

LOQ - Limit of Quantitation adjusted for dilution factor and percent moisture.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected at or above the adjusted LOD.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

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TNI - The NELAC Institute.

LABORATORIES

PASI-G	Pace Analytical Services - Green Bay

BATCH QUALIFIERS

Batch: 263780

[M5]	A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

ANALYTE QUALIFIERS

B	Analyte was detected in the associated method blank.
L1	Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results may be biased high.
M0	Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
R1	RPD value was outside control limits.
S0	Surrogate recovery outside laboratory control limits.
S1	Surrogate recovery outside laboratory control limits (confirmed by re-analysis).
W	Non-detect results are reported on a wet weight basis.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154392

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40154392007	**SB-50 1-2**	EPA 3541	263888	EPA 8082	263889
40154392008	**SB-49 5-7**	EPA 3541	263888	EPA 8082	263889
40154392009	**SB-51 1-1.5**	EPA 3541	263888	EPA 8082	263889
40154392010	**SB-46 4-5**	EPA 3541	263888	EPA 8082	263889
40154392011	**SB-45 2-3**	EPA 3541	263888	EPA 8082	263889
40154392012	**SB-12 1-1.5**	EPA 3541	263888	EPA 8082	263889
40154392013	**SB-40 4-5**	EPA 3541	263888	EPA 8082	263889
40154392014	**SB-41 1-1.5**	EPA 3541	263888	EPA 8082	263889
40154392007	**SB-50 1-2**	EPA 3050	264009	EPA 6010	264143
40154392008	**SB-49 5-7**	EPA 3050	264009	EPA 6010	264143
40154392009	**SB-51 1-1.5**	EPA 3050	264009	EPA 6010	264143
40154392010	**SB-46 4-5**	EPA 3050	264009	EPA 6010	264143
40154392011	**SB-45 2-3**	EPA 3050	264009	EPA 6010	264143
40154392012	**SB-12 1-1.5**	EPA 3050	264009	EPA 6010	264143
40154392013	**SB-40 4-5**	EPA 3050	264009	EPA 6010	264143
40154392014	**SB-41 1-1.5**	EPA 3050	264009	EPA 6010	264143
40154392001	**SB-47-S**	EPA 3010	264158	EPA 6010	264276
40154392002	**SB-45-S**	EPA 3010	264158	EPA 6010	264276
40154392003	**SB-46-S**	EPA 3010	264158	EPA 6010	264276
40154392004	**SB-9-S**	EPA 3010	264158	EPA 6010	264276
40154392005	**SB-41-S**	EPA 3010	264158	EPA 6010	264276
40154392006	**SB-12-S**	EPA 3010	264158	EPA 6010	264276
40154392001	**SB-47-S**	EPA 7470	264468	EPA 7470	264535
40154392002	**SB-45-S**	EPA 7470	264468	EPA 7470	264535
40154392003	**SB-46-S**	EPA 7470	264468	EPA 7470	264535
40154392005	**SB-41-S**	EPA 7470	264468	EPA 7470	264535
40154392006	**SB-12-S**	EPA 7470	264468	EPA 7470	264535
40154392007	**SB-50 1-2**	EPA 7471	264417	EPA 7471	264456
40154392008	**SB-49 5-7**	EPA 7471	264417	EPA 7471	264456
40154392009	**SB-51 1-1.5**	EPA 7471	264417	EPA 7471	264456
40154392010	**SB-46 4-5**	EPA 7471	264417	EPA 7471	264456
40154392011	**SB-45 2-3**	EPA 7471	264417	EPA 7471	264456
40154392012	**SB-12 1-1.5**	EPA 7471	264417	EPA 7471	264456
40154392013	**SB-40 4-5**	EPA 7471	264417	EPA 7471	264456
40154392014	**SB-41 1-1.5**	EPA 7471	264417	EPA 7471	264456
40154392007	**SB-50 1-2**	EPA 3546	264438	EPA 8270	264489
40154392008	**SB-49 5-7**	EPA 3546	264438	EPA 8270	264489
40154392009	**SB-51 1-1.5**	EPA 3546	264438	EPA 8270	264489
40154392010	**SB-46 4-5**	EPA 3546	264438	EPA 8270	264489
40154392011	**SB-45 2-3**	EPA 3546	264438	EPA 8270	264489
40154392012	**SB-12 1-1.5**	EPA 3546	264438	EPA 8270	264489
40154392013	**SB-40 4-5**	EPA 3546	264438	EPA 8270	264489
40154392014	**SB-41 1-1.5**	EPA 3546	264438	EPA 8270	264489
40154392001	**SB-47-S**	EPA 3510	263696	EPA 8270	263780
40154392002	**SB-45-S**	EPA 3510	263696	EPA 8270	263780
40154392003	**SB-46-S**	EPA 3510	263696	EPA 8270	263780

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1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154392

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40154392005	**SB-41-S**	EPA 3510	263959	EPA 8270	264058
40154392006	**SB-12-S**	EPA 3510	263959	EPA 8270	264058
40154392004	**SB-9-S**	EPA 3510	263818	EPA 8270 by HVI	263885
40154392007	**SB-50 1-2**	EPA 5035/5030B	263759	EPA 8260	263765
40154392008	**SB-49 5-7**	EPA 5035/5030B	263747	EPA 8260	263750
40154392009	**SB-51 1-1.5**	EPA 5035/5030B	263747	EPA 8260	263750
40154392010	**SB-46 4-5**	EPA 5035/5030B	263747	EPA 8260	263750
40154392011	**SB-45 2-3**	EPA 5035/5030B	263747	EPA 8260	263750
40154392012	**SB-12 1-1.5**	EPA 5035/5030B	263747	EPA 8260	263750
40154392013	**SB-40 4-5**	EPA 5035/5030B	263759	EPA 8260	263765
40154392014	**SB-41 1-1.5**	EPA 5035/5030B	263759	EPA 8260	263765
40154392001	**SB-47-S**	EPA 8260	263706		
40154392002	**SB-45-S**	EPA 8260	263706		
40154392003	**SB-46-S**	EPA 8260	263706		
40154392004	**SB-9-S**	EPA 8260	263541		
40154392005	**SB-41-S**	EPA 8260	263541		
40154392006	**SB-12-S**	EPA 8260	263541		
40154392007	**SB-50 1-2**	ASTM D2974-87	264490		
40154392008	**SB-49 5-7**	ASTM D2974-87	264490		
40154392009	**SB-51 1-1.5**	ASTM D2974-87	264490		
40154392010	**SB-46 4-5**	ASTM D2974-87	264490		
40154392011	**SB-45 2-3**	ASTM D2974-87	264490		
40154392012	**SB-12 1-1.5**	ASTM D2974-87	264490		
40154392013	**SB-40 4-5**	ASTM D2974-87	264490		
40154392014	**SB-41 1-1.5**	ASTM D2974-87	264490		

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(Please Print Clearly)

Company Name:	ERM
Branch/Location:	
Project Contact:	
Phone:	
Project Number:	
Project Name:	
Project State:	Wisconsin
Sampled By (Print):	Philip Kostler / Adam Dowd
Sampled By (Sign):	Philip K
PO #:	Regulatory Program:

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www.pacelabs.com

UPPER MIDWEST REGION
MN: 612-607-1700 WI: 920-469-2436

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40154392

CHAIN OF CUSTODY

*Preservation Codes
A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH
H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

Quote #:	
Mail To Contact:	
Mail To Company:	
Mail To Address:	
Invoice To Contact:	
Invoice To Company:	
Invoice To Address:	
Invoice To Phone:	

Data Package Options (billable)
- ☐ EPA Level III
- ☐ EPA Level IV

MS/MSD
- ☐ On your sample (billable)
- ☐ NOT needed on your sample

Matrix Codes
A = Air, B = Biota, C = Charcoal, O = Oil, S = Soil, SI = Sludge, W = Water, DW = Drinking Water, GW = Ground Water, SW = Surface Water, WW = Waste Water, WP = Wipe

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	FILTERED? (YES/NO) Y/N	SVOCs	metals	VOCs	PAH	Lead	PCBs			CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
PRESERVATION (CODE)* / Pick Letter						A	D	B	A	D						
001	SB-47-S	8/1/17	14:30	GW		X	X	X				3-40mlV B		2-1Lag A	1-250mlp D	
002	SB-45-S	8/2/17	8:20	GW		X	X	X								
003	SB-46-S	8/2/17	9:00	GW		X	X	X								
004	SB-9-S	8/2/17	9:45	GW				X	X	X				2-100mlag A		
005	SB-41-S	8/2/17	10:20	GW		X	X	X								
006	SB-12-S	8/2/17	11:00	GW		X	X	X								
007	SB-50 1-2	8/2	11:10	S		X	X	X			X	1-40mlV F		1-4ozp A	2-4ozag A	
008	SB-49 5-7	8/2	9:00	S		X	X	X			X					
009	SB-51 1-1.5	8/2	10:40	S		X	X	X			X					
010	SB-46 4-5	8/1/17	14:15	S		X	X	X			X					
011	SB-45 2-3	8/1/17	13:30	S		X	X	X			X					
012	SB-12 1-1.5	8/1/17	15:20	S		X	X	X			X					
013	SB-40 4-5	8/1/17	13:50	S		X	X	X			X					

Rush Turnaround Time Requested - Prelims
(Rush TAT subject to approval/surcharge)
Date Needed:

Transmit Prelim Rush Results by (complete what you want):

Email #1:	
Email #2:	
Telephone:	
Fax:	

Samples on HOLD are subject to special pricing and release of liability

Relinquished By:	Date/Time:	Received By:	Date/Time:
Philip Kostler	8/2/17 1:30		
C Shogstad	8-3-17 0925	Susan Kuhn Pace	8-3-17 0925

PACE Project No. 40154392
Receipt Temp = 8.0 I °C
Sample Receipt pH OK / Adjusted
Cooler Custody Seal Present / Not Present Intact / Not Intact

C019a(27Jun2006)

Version 6.0 06/14/06

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40154392

CHAIN OF CUSTODY

*Preservation Codes
A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH
H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

(Please Print Clearly)

Company Name:	ERM
Branch/Location:	
Project Contact:	
Phone:	
Project Number:	
Project Name:	
Project State:	Wisconsin
Sampled By (Print):	Steven
Sampled By (Sign):	
PO #:	
Regulatory Program:	

Quote #:	
Mail To Contact:	
Mail To Company:	
Mail To Address:	
Invoice To Contact:	
Invoice To Company:	
Invoice To Address:	
Invoice To Phone:	

Data Package Options (billable)
- ☐ EPA Level III
- ☐ EPA Level IV

MS/MSD
- ☐ On your sample (billable)
- ☐ NOT needed on your sample

Matrix Codes
A = Air, B = Biota, C = Charcoal, O = Oil, S = Soil, Sl = Sludge, W = Water, DW = Drinking Water, GW = Ground Water, SW = Surface Water, WW = Waste Water, WP = Wipe

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	Analyses Requested: SVOCs	VOCs	metals	PCBs					CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
FILTERED? (YES/NO)															
PRESERVATION (CODE)*						B	[redacted]								
014	SB-41 1-1.5	8/1/17	14:20	S	X	X	X	X					1-40mlVF	1-4ozpA 2-4ozagA	

Rush Turnaround Time Requested - Prelims
(Rush TAT subject to approval/surcharge)
Date Needed:

Transmit Prelim Rush Results by (complete what you want):

Email #1:	
Email #2:	
Telephone:	
Fax:	

Samples on HOLD are subject to special pricing and release of liability

Relinquished By:	Date/Time:	Received By:	Date/Time:
Phyp Kemper	8/2 1320		
C S Logsdon	8-3-17 0925	Susan Kelly Pace	8-3-17 0925

PACE Project No. 40154392

Receipt Temp = ROI °C

Sample Receipt pH OK / Adjusted

Cooler Custody Seal Present / Not Present Intact / Not Intact

C019a(27Jun2006)

Version 6.0 06/14/06

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Sample Condition Upon Receipt

Pace Analytical Services, LLC. - Green Bay WI
1241 Bellevue Street, Suite 9
Green Bay, WI 54302

Project #: **WO# : 40154392**

40154392

Client Name: ERM

Courier: ☐ Fed Ex ☐ UPS ☐ Client ☐ Pace Other: CS Logistics

Tracking #: 746080117

Custody Seal on Cooler/Box Present: ☒ yes ☐ no Seals intact: ☒ yes ☐ no

Custody Seal on Samples Present: ☐ yes ☒ no Seals intact: ☐ yes ☐ no

Packing Material: ☒ Bubble Wrap ☒ Bubble Bags ☐ None ☐ Other

Thermometer Used N/A **Type of Ice:** (Wet) Blue Dry None ☑ Samples on ice, cooling process has begun

Cooler Temperature Uncorr: ROI /Corr: **Biological Tissue is Frozen:** ☐ yes ☐ no

Temp Blank Present: ☐ yes ☑ no

Temp should be above freezing to 6°C.
Biota Samples may be received at ≤ 0°C.

Person examining contents:
Date: 8-3-17
Initials: SW

		Comments:
Chain of Custody Present:	☑Yes ☐No ☐N/A	1. Original and a copy 8-3-17 SW
Chain of Custody Filled Out:	☑Yes ☐No ☐N/A	2.
Chain of Custody Relinquished:	☑Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☑Yes ☐No ☐N/A	4. 1st page only 8-3-17 SW
Samples Arrived within Hold Time:	☑Yes ☐No ☐N/A	5.
- VOA Samples frozen upon receipt	☐Yes ☐No	Date/Time:
Short Hold Time Analysis (<72hr):	☑Yes ☐No ☐N/A	6.
Rush Turn Around Time Requested:	☐Yes ☑No ☐N/A	7.
Sufficient Volume:	☐Yes ☑No ☐N/A	8. No MS/MSD volume 8-3-17 SW
Correct Containers Used:	☑Yes ☐No ☐N/A	9.
-Pace Containers Used:	☑Yes ☐No ☐N/A	
-Pace IR Containers Used:	☐Yes ☐No ☑N/A	
Containers Intact:	☑Yes ☐No ☐N/A	10.
Filtered volume received for Dissolved tests	☐Yes ☐No ☑N/A	11.
Sample Labels match COC:	☑Yes ☐No ☐N/A	12. 014 covered tare weight by client
-Includes date/time/ID/Analysis Matrix: W		8-3-17 KK
All containers needing preservation have been checked. (Non-Compliance noted in 13.)	☑Yes ☐No ☐N/A	13. ☑ HNO3 ☐ H2SO4 ☐ NaOH ☐ NaOH +ZnAct
All containers needing preservation are found to be in compliance with EPA recommendation. (HNO3, H2SO4 <2, NaOH+ZnAct ≥9, NaOH ≥12)	☐Yes ☑No ☐N/A	004 - HNO3 PH 5 added 2.5ml HNO3. PH ≤2 after 8-3-17 SW
exceptions: VOA, coliform, TOC, TOX, TOH, O&G, WIDROW, Phenolics, OTHER:	☑Yes ☐No	Initial when completed: SW Lab Std #ID of preservative: 172543 Date/Time: 8-3-17 1050
Headspace in VOA Vials (>6mm):	☐Yes ☑No ☐N/A	14.
Trip Blank Present:	☐Yes ☑No ☐N/A	15.
Trip Blank Custody Seals Present	☐Yes ☐No ☑N/A	
Pace Trip Blank Lot # (if purchased):		

Client Notification/ Resolution: If checked, see attached form for additional comments ☐

Person Contacted: Date/Time:

Comments/ Resolution:

Project Manager Review: AL for DM **Date:** 8-3-17

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
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(920)469-2436

August 22, 2017

Andrew DeWitt
ERM, Inc.
3352 128th Avenue
Holland, MI 49424

RE: Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154369

Dear Andrew DeWitt:
Enclosed are the analytical results for sample(s) received by the laboratory on August 03, 2017. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Dan Milewsky
dan.milewsky@pacelabs.com
(920)469-2436
Project Manager

Enclosures

cc: Carl Stay, ERM, Inc.
David deCourcy-Bower, ERM, Inc.

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CERTIFICATIONS

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154369

Green Bay Certification IDs

1241 Bellevue Street, Green Bay, WI 54302
Florida/NELAP Certification #: E87948
Illinois Certification #: 200050
Kentucky UST Certification #: 82
Louisiana Certification #: 04168
Minnesota Certification #: 055-999-334
New York Certification #: 12064
North Dakota Certification #: R-150
Virginia VELAP ID: 460263
South Carolina Certification #: 83006001
Texas Certification #: T104704529-14-1
Wisconsin Certification #: 405132750
Wisconsin DATCP Certification #: 105-444
USDA Soil Permit #: P330-16-00157
Federal Fish & Wildlife Permit #: LE51774A-0

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SAMPLE SUMMARY

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154369

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40154369001	**SB-2 1-1.5'**	Solid	07/31/17 14:10	08/03/17 09:25
40154369002	**SB-42 1-2'**	Solid	07/31/17 15:00	08/03/17 09:25
40154369003	**SB-4 3-4'**	Solid	07/31/17 16:00	08/03/17 09:25
40154369004	**SB-5 4-5'**	Solid	07/31/17 17:00	08/03/17 09:25
40154369005	**SB-6 3-4'**	Solid	07/31/17 17:50	08/03/17 09:25
40154369006	**SB-8 10-12'**	Solid	08/01/17 09:05	08/03/17 09:25
40154369007	**SB-7 10-12'**	Solid	08/01/17 10:00	08/03/17 09:25
40154369008	**SB-9 4-5'**	Solid	08/01/17 10:50	08/03/17 09:25
40154369009	**SB-39 3-4'**	Solid	08/01/17 11:40	08/03/17 09:25
40154369010	**SB-21 3-3.5'**	Solid	07/31/17 14:50	08/03/17 09:25
40154369011	**SB-24 3-4'**	Solid	07/31/17 16:20	08/03/17 09:25
40154369012	**SB-25 3-4'**	Solid	07/31/17 17:15	08/03/17 09:25
40154369013	**SB-43 3-4'**	Solid	08/01/17 09:30	08/03/17 09:25
40154369014	**SB-44 2-3'**	Solid	08/01/17 10:35	08/03/17 09:25
40154369015	**SB-48 1-2'**	Solid	08/01/17 11:20	08/03/17 09:25
40154369016	**SB-47 2-2.5'**	Solid	08/01/17 12:30	08/03/17 09:25
40154369017	**SB-20-S**	Water	07/31/17 14:15	08/03/17 09:25
40154369018	**SB-21-S**	Water	07/31/17 15:00	08/03/17 09:25
40154369019	**SB-42-S**	Water	07/31/17 15:45	08/03/17 09:25
40154369020	**SB-3-S**	Water	07/31/17 16:30	08/03/17 09:25
40154369021	**SB-5-S**	Water	07/31/17 17:25	08/03/17 09:25
40154369022	**SB-4-S**	Water	07/31/17 18:00	08/03/17 09:25
40154369023	**SB-24-S**	Water	08/01/17 08:20	08/03/17 09:25
40154369024	**SB-25-S**	Water	08/01/17 09:10	08/03/17 09:25
40154369025	**SB-8-S**	Water	08/01/17 10:00	08/03/17 09:25
40154369026	**SB-43-S**	Water	08/01/17 10:45	08/03/17 09:25
40154369027	**SB-44-S**	Water	08/01/17 11:10	08/03/17 09:25
40154369028	**SB-48-S**	Water	08/01/17 11:40	08/03/17 09:25

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SAMPLE ANALYTE COUNT

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154369

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40154369001	**SB-2 1-1.5'**	EPA 6010	DLB	1	PASI-G
		EPA 8270 by SIM	ARO	20	PASI-G
		EPA 8260	HNW	64	PASI-G
		ASTM D2974-87	SKW	1	PASI-G
40154369002	**SB-42 1-2'**	EPA 6010	DLB	1	PASI-G
		EPA 8270 by SIM	ARO	20	PASI-G
		EPA 8260	LAP	64	PASI-G
		ASTM D2974-87	SKW	1	PASI-G
40154369003	**SB-4 3-4'**	EPA 6010	DLB	1	PASI-G
		EPA 8270 by SIM	ARO	20	PASI-G
		EPA 8260	LAP	64	PASI-G
		ASTM D2974-87	SKW	1	PASI-G
40154369004	**SB-5 4-5'**	EPA 6010	DLB	1	PASI-G
		EPA 8270 by SIM	ARO	20	PASI-G
		EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	SKW	1	PASI-G
40154369005	**SB-6 3-4'**	EPA 6010	DLB	1	PASI-G
		EPA 8270 by SIM	ARO	20	PASI-G
		EPA 8260	LAP	64	PASI-G
		ASTM D2974-87	SKW	1	PASI-G
40154369006	**SB-8 10-12'**	EPA 6010	DLB	1	PASI-G
		EPA 8270 by SIM	ARO	20	PASI-G
		EPA 8260	LAP	64	PASI-G
		ASTM D2974-87	SKW	1	PASI-G
40154369007	**SB-7 10-12'**	EPA 6010	DLB	1	PASI-G
		EPA 8270 by SIM	ARO	20	PASI-G
		EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	SKW	1	PASI-G
40154369008	**SB-9 4-5'**	EPA 6010	DLB	1	PASI-G
		EPA 8270 by SIM	ARO	20	PASI-G
		EPA 8260	LAP	64	PASI-G
		ASTM D2974-87	SKW	1	PASI-G
40154369009	**SB-39 3-4'**	EPA 8082	BLM	10	PASI-G
		EPA 6010	DLB	7	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270	RJN	70	PASI-G
		EPA 8260	LAP	64	PASI-G

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1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

SAMPLE ANALYTE COUNT

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154369

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		ASTM D2974-87	SKW	1	PASI-G
40154369010	**SB-21 3-3.5'**	EPA 8082	BDS	10	PASI-G
		EPA 6010	DLB	7	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270	RJN	70	PASI-G
		EPA 8260	HNW	64	PASI-G
		ASTM D2974-87	SKW	1	PASI-G
40154369011	**SB-24 3-4'**	EPA 8082	BDS	10	PASI-G
		EPA 6010	DLB	7	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270	RJN	70	PASI-G
		EPA 8260	HNW	64	PASI-G
		ASTM D2974-87	SKW	1	PASI-G
40154369012	**SB-25 3-4'**	EPA 8082	BDS	10	PASI-G
		EPA 6010	DLB	7	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270	RJN	70	PASI-G
		EPA 8260	HNW	64	PASI-G
		ASTM D2974-87	SKW	1	PASI-G
40154369013	**SB-43 3-4'**	EPA 6010	DLB	1	PASI-G
		EPA 8270 by SIM	ARO	20	PASI-G
		EPA 8260	HNW	64	PASI-G
		ASTM D2974-87	SKW	1	PASI-G
40154369014	**SB-44 2-3'**	EPA 6010	DLB	1	PASI-G
		EPA 8270 by SIM	ARO	20	PASI-G
		EPA 8260	HNW	64	PASI-G
		ASTM D2974-87	SKW	1	PASI-G
40154369015	**SB-48 1-2'**	EPA 8082	BLM	10	PASI-G
		EPA 6010	DLB	7	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270	RJN	70	PASI-G
		EPA 8260	HNW	64	PASI-G
		ASTM D2974-87	SKW	1	PASI-G
40154369016	**SB-47 2-2.5'**	EPA 8082	BLM	10	PASI-G
		EPA 6010	DLB	7	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270	RJN	70	PASI-G

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SAMPLE ANALYTE COUNT

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154369

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 8260	HNW	64	PASI-G
		ASTM D2974-87	SKW	1	PASI-G
40154369017	**SB-20-S**	EPA 6010	DLB	7	PASI-G
		EPA 7470	AJT	1	PASI-G
		EPA 8270	RJN	70	PASI-G
		EPA 8260	LAP	64	PASI-G
40154369018	**SB-21-S**	EPA 6010	DLB	7	PASI-G
		EPA 7470	AJT	1	PASI-G
		EPA 8270	RJN	70	PASI-G
		EPA 8260	LAP	64	PASI-G
40154369019	**SB-42-S**	EPA 6010	DLB	1	PASI-G
		EPA 8270 by HVI	TPO	20	PASI-G
		EPA 8260	LAP	64	PASI-G
40154369020	**SB-3-S**	EPA 6010	DLB	1	PASI-G
		EPA 8270 by HVI	TPO	20	PASI-G
		EPA 8260	LAP	64	PASI-G
40154369021	**SB-5-S**	EPA 6010	DLB	1	PASI-G
		EPA 8270 by HVI	TPO	20	PASI-G
		EPA 8260	LAP	64	PASI-G
40154369022	**SB-4-S**	EPA 6010	DLB	1	PASI-G
		EPA 8270 by HVI	TPO	20	PASI-G
		EPA 8260	LAP	64	PASI-G
40154369023	**SB-24-S**	EPA 6010	DLB	7	PASI-G
		EPA 7470	AJT	1	PASI-G
		EPA 8270	RJN	70	PASI-G
		EPA 8260	LAP	64	PASI-G
40154369024	**SB-25-S**	EPA 6010	DLB	7	PASI-G
		EPA 7470	AJT	1	PASI-G
		EPA 8270	RJN	70	PASI-G
		EPA 8260	LAP	64	PASI-G
40154369025	**SB-8-S**	EPA 6010	DLB	1	PASI-G
		EPA 8270 by HVI	TPO	20	PASI-G
		EPA 8260	LAP	64	PASI-G
40154369026	**SB-43-S**	EPA 6010	DLB	1	PASI-G
		EPA 8270 by HVI	TPO	20	PASI-G
		EPA 8260	LAP	64	PASI-G
40154369027	**SB-44-S**	EPA 6010	DLB	1	PASI-G

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SAMPLE ANALYTE COUNT

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154369

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 8270 by HVI	TPO	20	PASI-G
		EPA 8260	LAP	64	PASI-G
40154369028	**SB-48-S**	EPA 6010	DLB	7	PASI-G
		EPA 7470	AJT	1	PASI-G
		EPA 8270	RJN	70	PASI-G
		EPA 8260	LAP	64	PASI-G

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SUMMARY OF DETECTION

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154369

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40154369001	**SB-2 1-1.5'**					
EPA 6010	Lead	37.6	mg/kg	1.5	08/09/17 17:19	
EPA 8270 by SIM	Benzo(a)anthracene	27.5	ug/kg	13.0	08/11/17 14:01	
EPA 8270 by SIM	Benzo(a)pyrene	30.1	ug/kg	10.2	08/11/17 14:01	
EPA 8270 by SIM	Benzo(b)fluoranthene	41.9	ug/kg	11.5	08/11/17 14:01	
EPA 8270 by SIM	Benzo(g,h,i)perylene	24.5	ug/kg	8.3	08/11/17 14:01	
EPA 8270 by SIM	Benzo(k)fluoranthene	18.5	ug/kg	10.2	08/11/17 14:01	
EPA 8270 by SIM	Chrysene	35.5	ug/kg	13.7	08/11/17 14:01	
EPA 8270 by SIM	Dibenz(a,h)anthracene	6.3J	ug/kg	9.1	08/11/17 14:01	
EPA 8270 by SIM	Fluoranthene	50.9	ug/kg	21.3	08/11/17 14:01	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	19.4	ug/kg	9.0	08/11/17 14:01	
EPA 8270 by SIM	Phenanthrene	18.8J	ug/kg	47.5	08/11/17 14:01	
EPA 8270 by SIM	Pyrene	40.9	ug/kg	18.3	08/11/17 14:01	
ASTM D2974-87	Percent Moisture	18.3	%	0.10	08/14/17 10:57	
40154369002	**SB-42 1-2'**					
EPA 6010	Lead	32.0	mg/kg	9.4	08/10/17 10:46	
EPA 8270 by SIM	Acenaphthene	759	ug/kg	425	08/11/17 20:38	
EPA 8270 by SIM	Anthracene	1560	ug/kg	627	08/11/17 20:38	
EPA 8270 by SIM	Benzo(a)anthracene	3390	ug/kg	350	08/11/17 20:38	
EPA 8270 by SIM	Benzo(a)pyrene	3140	ug/kg	276	08/11/17 20:38	
EPA 8270 by SIM	Benzo(b)fluoranthene	4400	ug/kg	310	08/11/17 20:38	
EPA 8270 by SIM	Benzo(g,h,i)perylene	1990	ug/kg	223	08/11/17 20:38	
EPA 8270 by SIM	Benzo(k)fluoranthene	1800	ug/kg	276	08/11/17 20:38	
EPA 8270 by SIM	Chrysene	4170	ug/kg	369	08/11/17 20:38	
EPA 8270 by SIM	Dibenz(a,h)anthracene	534	ug/kg	246	08/11/17 20:38	
EPA 8270 by SIM	Fluoranthene	9930	ug/kg	574	08/11/17 20:38	
EPA 8270 by SIM	Fluorene	643	ug/kg	455	08/11/17 20:38	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	1750	ug/kg	242	08/11/17 20:38	
EPA 8270 by SIM	1-Methylnaphthalene	137J	ug/kg	442	08/11/17 20:38	
EPA 8270 by SIM	Phenanthrene	8080	ug/kg	1280	08/11/17 20:38	
EPA 8270 by SIM	Pyrene	6960	ug/kg	495	08/11/17 20:38	
ASTM D2974-87	Percent Moisture	39.4	%	0.10	08/14/17 10:57	
40154369003	**SB-4 3-4'**					
EPA 6010	Lead	14.0	mg/kg	1.7	08/09/17 17:24	
EPA 8270 by SIM	Benzo(a)anthracene	13.2J	ug/kg	14.2	08/11/17 13:44	
EPA 8270 by SIM	Benzo(a)pyrene	13.5	ug/kg	11.2	08/11/17 13:44	
EPA 8270 by SIM	Benzo(b)fluoranthene	19.0	ug/kg	12.6	08/11/17 13:44	
EPA 8270 by SIM	Benzo(g,h,i)perylene	10.7	ug/kg	9.1	08/11/17 13:44	
EPA 8270 by SIM	Benzo(k)fluoranthene	9.0J	ug/kg	11.2	08/11/17 13:44	
EPA 8270 by SIM	Chrysene	16.9	ug/kg	15.0	08/11/17 13:44	
EPA 8270 by SIM	Dibenz(a,h)anthracene	3.3J	ug/kg	10	08/11/17 13:44	
EPA 8270 by SIM	Fluoranthene	28.5	ug/kg	23.3	08/11/17 13:44	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	7.3J	ug/kg	9.8	08/11/17 13:44	
EPA 8270 by SIM	Phenanthrene	17.5J	ug/kg	51.9	08/11/17 13:44	
EPA 8270 by SIM	Pyrene	20.8	ug/kg	20.1	08/11/17 13:44	
ASTM D2974-87	Percent Moisture	25.3	%	0.10	08/14/17 10:57	

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SUMMARY OF DETECTION

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154369

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40154369004	**SB-5 4-5'**					
EPA 6010	Lead	4.1	mg/kg	1.4	08/09/17 17:26	
EPA 8270 by SIM	Benzo(a)anthracene	39.5J	ug/kg	125	08/15/17 18:28	
EPA 8270 by SIM	Chrysene	43.4J	ug/kg	132	08/15/17 18:28	
EPA 8270 by SIM	Fluoranthene	110J	ug/kg	205	08/15/17 18:28	
EPA 8270 by SIM	Fluorene	50.6J	ug/kg	163	08/15/17 18:28	
EPA 8270 by SIM	1-Methylnaphthalene	251	ug/kg	158	08/15/17 18:28	
EPA 8270 by SIM	2-Methylnaphthalene	472	ug/kg	197	08/15/17 18:28	M1
EPA 8270 by SIM	Naphthalene	2250	ug/kg	332	08/15/17 18:28	M1,R1
EPA 8270 by SIM	Phenanthrene	150J	ug/kg	458	08/15/17 18:28	
EPA 8270 by SIM	Pyrene	94.4J	ug/kg	177	08/15/17 18:28	
EPA 8260	n-Butylbenzene	17900	ug/kg	1420	08/05/17 00:43	
EPA 8260	sec-Butylbenzene	9340	ug/kg	1420	08/05/17 00:43	
EPA 8260	Isopropylbenzene (Cumene)	2760	ug/kg	1420	08/05/17 00:43	
EPA 8260	p-Isopropyltoluene	9460	ug/kg	1420	08/05/17 00:43	
EPA 8260	Naphthalene	6220	ug/kg	5910	08/05/17 00:43	
EPA 8260	n-Propylbenzene	9010	ug/kg	1420	08/05/17 00:43	
EPA 8260	1,2,4-Trimethylbenzene	11400	ug/kg	1420	08/05/17 00:43	
EPA 8260	1,3,5-Trimethylbenzene	24900	ug/kg	1420	08/05/17 00:43	
ASTM D2974-87	Percent Moisture	15.4	%	0.10	08/14/17 10:58	
40154369005	**SB-6 3-4'**					
EPA 6010	Lead	5.6	mg/kg	1.7	08/09/17 17:28	
EPA 8270 by SIM	1-Methylnaphthalene	26.0	ug/kg	17.8	08/11/17 14:20	
EPA 8270 by SIM	2-Methylnaphthalene	64.7	ug/kg	22.2	08/11/17 14:20	
EPA 8270 by SIM	Naphthalene	75.7	ug/kg	37.3	08/11/17 14:20	
EPA 8260	Methylene Chloride	34.6J	ug/kg	79.7	08/07/17 15:02	
EPA 8260	Naphthalene	80.3J	ug/kg	332	08/07/17 15:02	
EPA 8260	1,2,4-Trimethylbenzene	224	ug/kg	79.7	08/07/17 15:02	
ASTM D2974-87	Percent Moisture	24.8	%	0.10	08/14/17 10:58	
40154369006	**SB-8 10-12'**					
EPA 6010	Lead	11.0	mg/kg	2.0	08/09/17 17:31	
EPA 8270 by SIM	1-Methylnaphthalene	6.9J	ug/kg	20.7	08/14/17 17:03	
EPA 8260	sec-Butylbenzene	161	ug/kg	92.6	08/08/17 08:08	
EPA 8260	Isopropylbenzene (Cumene)	63.5J	ug/kg	92.6	08/08/17 08:08	
EPA 8260	n-Propylbenzene	322	ug/kg	92.6	08/08/17 08:08	
EPA 8260	1,2,4-Trimethylbenzene	122	ug/kg	92.6	08/08/17 08:08	
EPA 8260	1,3,5-Trimethylbenzene	561	ug/kg	92.6	08/08/17 08:08	
ASTM D2974-87	Percent Moisture	35.2	%	0.10	08/14/17 10:58	
40154369007	**SB-7 10-12'**					
EPA 6010	Lead	10.3	mg/kg	1.7	08/09/17 17:33	
EPA 8270 by SIM	Fluorene	10.1J	ug/kg	17.8	08/11/17 14:38	
EPA 8270 by SIM	1-Methylnaphthalene	86.7	ug/kg	17.3	08/11/17 14:38	
EPA 8270 by SIM	2-Methylnaphthalene	187	ug/kg	21.5	08/11/17 14:38	
EPA 8270 by SIM	Naphthalene	570	ug/kg	36.2	08/11/17 14:38	
EPA 8260	Benzene	312	ug/kg	155	08/05/17 01:06	
EPA 8260	n-Butylbenzene	1730	ug/kg	155	08/05/17 01:06	
EPA 8260	sec-Butylbenzene	256	ug/kg	155	08/05/17 01:06	

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SUMMARY OF DETECTION

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154369

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40154369007	**SB-7 10-12'**					
EPA 8260	Ethylbenzene	18800	ug/kg	155	08/05/17 01:06	
EPA 8260	Isopropylbenzene (Cumene)	1470	ug/kg	155	08/05/17 01:06	
EPA 8260	p-Isopropyltoluene	231	ug/kg	155	08/05/17 01:06	
EPA 8260	Naphthalene	3500	ug/kg	646	08/05/17 01:06	
EPA 8260	n-Propylbenzene	4560	ug/kg	155	08/05/17 01:06	
EPA 8260	Toluene	72.4J	ug/kg	155	08/05/17 01:06	
EPA 8260	1,2,4-Trimethylbenzene	23600	ug/kg	155	08/05/17 01:06	
EPA 8260	1,3,5-Trimethylbenzene	6370	ug/kg	155	08/05/17 01:06	
EPA 8260	m&p-Xylene	38700	ug/kg	310	08/05/17 01:06	
EPA 8260	o-Xylene	178	ug/kg	155	08/05/17 01:06	
ASTM D2974-87	Percent Moisture	22.6	%	0.10	08/14/17 10:58	
40154369008	**SB-9 4-5'**					
EPA 6010	Lead	6.5	mg/kg	1.5	08/09/17 17:40	
EPA 8270 by SIM	Acenaphthene	169	ug/kg	147	08/21/17 16:06	
EPA 8270 by SIM	Acenaphthylene	79.1J	ug/kg	125	08/21/17 16:06	
EPA 8270 by SIM	Benzo(a)anthracene	52.6J	ug/kg	121	08/21/17 16:06	
EPA 8270 by SIM	Benzo(a)pyrene	35.2J	ug/kg	95.3	08/21/17 16:06	
EPA 8270 by SIM	Benzo(b)fluoranthene	41.5J	ug/kg	107	08/21/17 16:06	
EPA 8270 by SIM	Chrysene	58.6J	ug/kg	127	08/21/17 16:06	
EPA 8270 by SIM	Fluoranthene	84.6J	ug/kg	198	08/21/17 16:06	
EPA 8270 by SIM	Fluorene	206	ug/kg	157	08/21/17 16:06	
EPA 8270 by SIM	1-Methylnaphthalene	3300	ug/kg	153	08/21/17 16:06	
EPA 8270 by SIM	2-Methylnaphthalene	4160	ug/kg	190	08/21/17 16:06	
EPA 8270 by SIM	Naphthalene	1960	ug/kg	320	08/21/17 16:06	
EPA 8270 by SIM	Phenanthrene	617	ug/kg	442	08/21/17 16:06	
EPA 8270 by SIM	Pyrene	78.1J	ug/kg	171	08/21/17 16:06	
EPA 8260	n-Butylbenzene	7190	ug/kg	547	08/07/17 12:44	
EPA 8260	sec-Butylbenzene	5270	ug/kg	547	08/07/17 12:44	
EPA 8260	tert-Butylbenzene	469J	ug/kg	547	08/07/17 12:44	
EPA 8260	Isopropylbenzene (Cumene)	927	ug/kg	547	08/07/17 12:44	
EPA 8260	p-Isopropyltoluene	1810	ug/kg	547	08/07/17 12:44	
EPA 8260	Naphthalene	3180	ug/kg	2280	08/07/17 12:44	
EPA 8260	n-Propylbenzene	3420	ug/kg	547	08/07/17 12:44	
EPA 8260	1,3,5-Trimethylbenzene	855	ug/kg	547	08/07/17 12:44	
ASTM D2974-87	Percent Moisture	12.2	%	0.10	08/14/17 10:58	
40154369009	**SB-39 3-4'**					
EPA 6010	Arsenic	14.4	mg/kg	7.3	08/09/17 10:42	
EPA 6010	Barium	244	mg/kg	0.73	08/09/17 10:42	
EPA 6010	Cadmium	1.5	mg/kg	0.73	08/09/17 10:42	
EPA 6010	Chromium	39.7	mg/kg	1.5	08/09/17 10:42	
EPA 6010	Lead	231	mg/kg	1.9	08/09/17 10:42	
EPA 6010	Silver	9.8	mg/kg	1.5	08/09/17 10:42	
EPA 7471	Mercury	3.6	mg/kg	0.53	08/15/17 13:26	
EPA 8270	Anthracene	47.3J	ug/kg	134	08/08/17 15:55	
EPA 8270	Benzo(a)anthracene	120J	ug/kg	130	08/08/17 15:55	
EPA 8270	Benzo(a)pyrene	158	ug/kg	126	08/08/17 15:55	

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SUMMARY OF DETECTION

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154369

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40154369009	**SB-39 3-4'**					
EPA 8270	Benzo(b)fluoranthene	191	ug/kg	144	08/08/17 15:55	
EPA 8270	Benzo(g,h,i)perylene	231	ug/kg	220	08/08/17 15:55	
EPA 8270	Benzo(k)fluoranthene	72.6J	ug/kg	201	08/08/17 15:55	
EPA 8270	Chrysene	152	ug/kg	125	08/08/17 15:55	
EPA 8270	Fluoranthene	250	ug/kg	119	08/08/17 15:55	
EPA 8270	Indeno(1,2,3-cd)pyrene	210	ug/kg	182	08/08/17 15:55	
EPA 8270	Phenanthrene	161	ug/kg	108	08/08/17 15:55	
EPA 8270	Pyrene	258	ug/kg	186	08/08/17 15:55	
ASTM D2974-87	Percent Moisture	33.7	%	0.10	08/14/17 10:58	
40154369010	**SB-21 3-3.5'**					
EPA 6010	Arsenic	18.1	mg/kg	10.8	08/09/17 12:07	
EPA 6010	Barium	108	mg/kg	0.54	08/09/17 10:44	
EPA 6010	Cadmium	0.88J	mg/kg	1.1	08/09/17 12:07	D3
EPA 6010	Chromium	12.2	mg/kg	1.1	08/09/17 10:44	
EPA 6010	Lead	27.5	mg/kg	2.8	08/09/17 12:07	
EPA 6010	Silver	0.47J	mg/kg	1.1	08/09/17 10:44	
EPA 7471	Mercury	0.067	mg/kg	0.040	08/15/17 11:46	
EPA 8270	Chrysene	35.4J	ug/kg	93.3	08/08/17 16:17	
EPA 8270	Fluoranthene	55.6J	ug/kg	88.3	08/08/17 16:17	
EPA 8270	Phenanthrene	146	ug/kg	80.1	08/08/17 16:17	
EPA 8260	Tetrachloroethene	64.7J	ug/kg	67.3	08/07/17 13:44	
ASTM D2974-87	Percent Moisture	10.8	%	0.10	08/14/17 10:58	
40154369011	**SB-24 3-4'**					
EPA 6010	Arsenic	6.8	mg/kg	5.6	08/09/17 10:51	
EPA 6010	Barium	67.5	mg/kg	0.56	08/09/17 10:51	
EPA 6010	Cadmium	0.33J	mg/kg	0.56	08/09/17 10:51	
EPA 6010	Chromium	17.5	mg/kg	1.1	08/09/17 10:51	
EPA 6010	Lead	33.2	mg/kg	1.5	08/09/17 10:51	
EPA 7471	Mercury	0.022J	mg/kg	0.037	08/15/17 11:48	
EPA 8270	2-Methylnaphthalene	314	ug/kg	163	08/08/17 17:00	
EPA 8270	Acenaphthene	109J	ug/kg	222	08/08/17 17:00	
EPA 8270	Anthracene	272	ug/kg	100	08/08/17 17:00	
EPA 8270	Benzo(a)anthracene	561	ug/kg	96.9	08/08/17 17:00	
EPA 8270	Benzo(a)pyrene	528	ug/kg	94.2	08/08/17 17:00	
EPA 8270	Benzo(b)fluoranthene	655	ug/kg	108	08/08/17 17:00	
EPA 8270	Benzo(g,h,i)perylene	348	ug/kg	164	08/08/17 17:00	
EPA 8270	Benzo(k)fluoranthene	229	ug/kg	150	08/08/17 17:00	
EPA 8270	Carbazole	124	ug/kg	98.0	08/08/17 17:00	
EPA 8270	Chrysene	578	ug/kg	93.6	08/08/17 17:00	
EPA 8270	Dibenz(a,h)anthracene	97.6J	ug/kg	170	08/08/17 17:00	
EPA 8270	Dibenzofuran	113	ug/kg	75.8	08/08/17 17:00	
EPA 8270	Fluoranthene	1240	ug/kg	88.6	08/08/17 17:00	
EPA 8270	Fluorene	120	ug/kg	73.2	08/08/17 17:00	
EPA 8270	Indeno(1,2,3-cd)pyrene	388	ug/kg	135	08/08/17 17:00	
EPA 8270	Naphthalene	269	ug/kg	219	08/08/17 17:00	
EPA 8270	Phenanthrene	990	ug/kg	80.3	08/08/17 17:00	

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1241 Bellevue Street - Suite 9
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(920)469-2436

SUMMARY OF DETECTION

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154369

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40154369011	**SB-24 3-4'**					
EPA 8270	Pyrene	1070	ug/kg	139	08/08/17 17:00	
EPA 8260	Naphthalene	164J	ug/kg	281	08/07/17 14:07	
ASTM D2974-87	Percent Moisture	11.2	%	0.10	08/14/17 10:58	
40154369012	**SB-25 3-4'**					
EPA 6010	Arsenic	10.6J	mg/kg	11.2	08/09/17 12:09	D3
EPA 6010	Barium	55.2	mg/kg	0.56	08/09/17 10:54	
EPA 6010	Chromium	12.4	mg/kg	1.1	08/09/17 10:54	
EPA 6010	Lead	181	mg/kg	2.9	08/09/17 12:09	
EPA 6010	Silver	0.40J	mg/kg	1.1	08/09/17 10:54	
EPA 7471	Mercury	0.018J	mg/kg	0.042	08/15/17 11:50	
EPA 8270	2-Methylnaphthalene	575J	ug/kg	1790	08/08/17 15:34	
EPA 8270	Acenaphthene	1690J	ug/kg	2440	08/08/17 15:34	
EPA 8270	Anthracene	4420	ug/kg	1100	08/08/17 15:34	
EPA 8270	Benzo(a)anthracene	5260	ug/kg	1070	08/08/17 15:34	
EPA 8270	Benzo(a)pyrene	3960	ug/kg	1040	08/08/17 15:34	
EPA 8270	Benzo(b)fluoranthene	5310	ug/kg	1180	08/08/17 15:34	
EPA 8270	Benzo(g,h,i)perylene	2260	ug/kg	1800	08/08/17 15:34	
EPA 8270	Benzo(k)fluoranthene	1910	ug/kg	1650	08/08/17 15:34	
EPA 8270	Carbazole	2060	ug/kg	1080	08/08/17 15:34	
EPA 8270	Chrysene	5510	ug/kg	1030	08/08/17 15:34	
EPA 8270	Dibenz(a,h)anthracene	631J	ug/kg	1870	08/08/17 15:34	
EPA 8270	Dibenzofuran	1260	ug/kg	834	08/08/17 15:34	
EPA 8270	Fluoranthene	14400	ug/kg	975	08/08/17 15:34	
EPA 8270	Fluorene	2210	ug/kg	805	08/08/17 15:34	
EPA 8270	Indeno(1,2,3-cd)pyrene	2700	ug/kg	1490	08/08/17 15:34	
EPA 8270	Phenanthrene	15900	ug/kg	884	08/08/17 15:34	
EPA 8270	Pyrene	10700	ug/kg	1530	08/08/17 15:34	
EPA 8260	Naphthalene	71.2J	ug/kg	309	08/07/17 14:30	
EPA 8260	Toluene	61.7J	ug/kg	74.2	08/07/17 14:30	
EPA 8260	o-Xylene	40.7J	ug/kg	74.2	08/07/17 14:30	
ASTM D2974-87	Percent Moisture	19.1	%	0.10	08/14/17 10:58	
40154369013	**SB-43 3-4'**					
EPA 6010	Lead	10	mg/kg	1.5	08/09/17 17:42	
ASTM D2974-87	Percent Moisture	21.9	%	0.10	08/14/17 10:58	
40154369014	**SB-44 2-3'**					
EPA 6010	Lead	29.9	mg/kg	1.3	08/09/17 17:44	
EPA 8270 by SIM	Acenaphthene	13.3J	ug/kg	14.4	08/15/17 16:45	
EPA 8270 by SIM	Acenaphthylene	4.5J	ug/kg	12.3	08/15/17 16:45	
EPA 8270 by SIM	Anthracene	25.8	ug/kg	21.3	08/15/17 16:45	
EPA 8270 by SIM	Benzo(a)anthracene	48.6	ug/kg	11.9	08/15/17 16:45	
EPA 8270 by SIM	Benzo(a)pyrene	66.7	ug/kg	9.4	08/15/17 16:45	
EPA 8270 by SIM	Benzo(b)fluoranthene	59.0	ug/kg	10.5	08/15/17 16:45	
EPA 8270 by SIM	Benzo(g,h,i)perylene	72.9	ug/kg	7.6	08/15/17 16:45	
EPA 8270 by SIM	Benzo(k)fluoranthene	58.8	ug/kg	9.4	08/15/17 16:45	
EPA 8270 by SIM	Chrysene	61.6	ug/kg	12.5	08/15/17 16:45	
EPA 8270 by SIM	Dibenz(a,h)anthracene	19.6	ug/kg	8.3	08/15/17 16:45	

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SUMMARY OF DETECTION

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154369

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40154369014	**SB-44 2-3'**					
EPA 8270 by SIM	Fluoranthene	130	ug/kg	19.5	08/15/17 16:45	
EPA 8270 by SIM	Fluorene	11.8J	ug/kg	15.4	08/15/17 16:45	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	53.7	ug/kg	8.2	08/15/17 16:45	
EPA 8270 by SIM	1-Methylnaphthalene	8.7J	ug/kg	15.0	08/15/17 16:45	
EPA 8270 by SIM	2-Methylnaphthalene	17.6J	ug/kg	18.7	08/15/17 16:45	
EPA 8270 by SIM	Naphthalene	47.0	ug/kg	31.4	08/15/17 16:45	
EPA 8270 by SIM	Phenanthrene	83.7	ug/kg	43.4	08/15/17 16:45	
EPA 8270 by SIM	Pyrene	108	ug/kg	16.8	08/15/17 16:45	
EPA 8260	Naphthalene	304	ug/kg	280	08/07/17 15:15	
EPA 8260	1,2,4-Trimethylbenzene	29.1J	ug/kg	67.1	08/07/17 15:15	
ASTM D2974-87	Percent Moisture	10.6	%	0.10	08/14/17 10:58	
40154369015	**SB-48 1-2'**					
EPA 6010	Arsenic	6.0	mg/kg	5.7	08/09/17 10:56	
EPA 6010	Barium	172	mg/kg	0.57	08/09/17 10:56	
EPA 6010	Chromium	23.1	mg/kg	1.1	08/09/17 10:56	
EPA 6010	Lead	11.0	mg/kg	1.5	08/09/17 10:56	
EPA 7471	Mercury	0.029J	mg/kg	0.044	08/15/17 11:53	
ASTM D2974-87	Percent Moisture	19.8	%	0.10	08/14/17 10:58	
40154369016	**SB-47 2-2.5'**					
EPA 6010	Arsenic	7.4	mg/kg	5.6	08/09/17 10:59	
EPA 6010	Barium	4200	mg/kg	5.6	08/09/17 17:47	
EPA 6010	Cadmium	0.64	mg/kg	0.56	08/09/17 10:59	
EPA 6010	Chromium	15.3	mg/kg	1.1	08/09/17 10:59	
EPA 6010	Lead	93.2	mg/kg	1.4	08/09/17 10:59	
EPA 7471	Mercury	0.044J	mg/kg	0.046	08/15/17 11:55	
EPA 8270	3&4-Methylphenol(m&p Cresol)	48.0J	ug/kg	128	08/08/17 17:22	
EPA 8270	Benzo(a)anthracene	51.1J	ug/kg	108	08/08/17 17:22	
EPA 8270	Benzo(a)pyrene	55.7J	ug/kg	105	08/08/17 17:22	
EPA 8270	Benzo(b)fluoranthene	69.9J	ug/kg	120	08/08/17 17:22	
EPA 8270	Benzo(g,h,i)perylene	87.9J	ug/kg	183	08/08/17 17:22	
EPA 8270	Chrysene	65.4J	ug/kg	105	08/08/17 17:22	
EPA 8270	Fluoranthene	77.3J	ug/kg	99.0	08/08/17 17:22	
EPA 8270	Indeno(1,2,3-cd)pyrene	45.6J	ug/kg	151	08/08/17 17:22	
EPA 8270	Phenanthrene	51.0J	ug/kg	89.7	08/08/17 17:22	
EPA 8270	Pyrene	85.3J	ug/kg	155	08/08/17 17:22	
EPA 8270	bis(2-Ethylhexyl)phthalate	467	ug/kg	116	08/08/17 17:22	
ASTM D2974-87	Percent Moisture	20.4	%	0.10	08/14/17 10:58	
40154369017	**SB-20-S**					
EPA 6010	Arsenic	11.3J	ug/L	25.0	08/08/17 15:43	
EPA 6010	Barium	164	ug/L	5.0	08/08/17 15:43	
EPA 6010	Chromium	6.8J	ug/L	10.0	08/08/17 15:43	
40154369018	**SB-21-S**					
EPA 6010	Arsenic	21.4J	ug/L	25.0	08/08/17 15:50	
EPA 6010	Barium	226	ug/L	5.0	08/08/17 15:50	
EPA 6010	Cadmium	2.6J	ug/L	5.0	08/08/17 15:50	

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SUMMARY OF DETECTION

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154369

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40154369018	**SB-21-S**					
EPA 6010	Chromium	40.5	ug/L	10.0	08/08/17 15:50	
EPA 6010	Lead	50.8	ug/L	13.0	08/08/17 15:50	
EPA 8260	cis-1,2-Dichloroethene	0.47J	ug/L	1.0	08/08/17 13:14	
40154369019	**SB-42-S**					
EPA 8270 by HVI	Acenaphthene	0.0069J	ug/L	0.027	08/04/17 20:47	
EPA 8270 by HVI	Acenaphthylene	0.0066J	ug/L	0.022	08/04/17 20:47	
EPA 8270 by HVI	Benzo(b)fluoranthene	0.013J	ug/L	0.026	08/04/17 20:47	
EPA 8270 by HVI	Benzo(g,h,i)perylene	0.0097J	ug/L	0.031	08/04/17 20:47	
EPA 8270 by HVI	Benzo(k)fluoranthene	0.015J	ug/L	0.034	08/04/17 20:47	
EPA 8270 by HVI	Chrysene	0.030J	ug/L	0.059	08/04/17 20:47	
EPA 8270 by HVI	Fluoranthene	0.031J	ug/L	0.048	08/04/17 20:47	
EPA 8270 by HVI	Fluorene	0.012J	ug/L	0.036	08/04/17 20:47	
EPA 8270 by HVI	1-Methylnaphthalene	0.032	ug/L	0.027	08/04/17 20:47	
EPA 8270 by HVI	2-Methylnaphthalene	0.046	ug/L	0.022	08/04/17 20:47	
EPA 8270 by HVI	Naphthalene	0.042J	ug/L	0.083	08/04/17 20:47	
EPA 8270 by HVI	Phenanthrene	0.034J	ug/L	0.062	08/04/17 20:47	
EPA 8270 by HVI	Pyrene	0.043	ug/L	0.034	08/04/17 20:47	B
40154369020	**SB-3-S**					
EPA 6010	Lead	370	ug/L	13.0	08/08/17 15:55	
EPA 8270 by HVI	Acenaphthene	0.50J	ug/L	0.70	08/04/17 18:53	
EPA 8270 by HVI	Acenaphthylene	0.12J	ug/L	0.58	08/04/17 18:53	
EPA 8270 by HVI	Fluoranthene	0.61J	ug/L	1.2	08/04/17 18:53	
EPA 8270 by HVI	Fluorene	0.55J	ug/L	0.92	08/04/17 18:53	
EPA 8270 by HVI	1-Methylnaphthalene	34.7	ug/L	0.68	08/04/17 18:53	
EPA 8270 by HVI	2-Methylnaphthalene	83.0	ug/L	0.57	08/04/17 18:53	
EPA 8270 by HVI	Naphthalene	182	ug/L	2.1	08/04/17 18:53	
EPA 8270 by HVI	Phenanthrene	0.83J	ug/L	1.6	08/04/17 18:53	
EPA 8270 by HVI	Pyrene	0.75J	ug/L	0.89	08/04/17 18:53	B
EPA 8260	Benzene	197	ug/L	5.0	08/09/17 02:10	
EPA 8260	n-Butylbenzene	81.4	ug/L	5.0	08/09/17 02:10	
EPA 8260	sec-Butylbenzene	20.9J	ug/L	25.0	08/09/17 02:10	
EPA 8260	Ethylbenzene	357	ug/L	5.0	08/09/17 02:10	
EPA 8260	Isopropylbenzene (Cumene)	61.2	ug/L	5.0	08/09/17 02:10	
EPA 8260	Naphthalene	780	ug/L	25.0	08/09/17 02:10	
EPA 8260	n-Propylbenzene	167	ug/L	5.0	08/09/17 02:10	
EPA 8260	Toluene	54.0	ug/L	5.0	08/09/17 02:10	
EPA 8260	1,2,4-Trimethylbenzene	440	ug/L	5.0	08/09/17 02:10	
EPA 8260	1,3,5-Trimethylbenzene	150	ug/L	5.0	08/09/17 02:10	
EPA 8260	m&p-Xylene	1150	ug/L	10.0	08/09/17 02:10	
EPA 8260	o-Xylene	181	ug/L	5.0	08/09/17 02:10	
40154369021	**SB-5-S**					
EPA 6010	Lead	29.8	ug/L	13.0	08/08/17 16:02	
EPA 8270 by HVI	Acenaphthene	0.36	ug/L	0.27	08/04/17 19:09	
EPA 8270 by HVI	Acenaphthylene	0.091J	ug/L	0.22	08/04/17 19:09	
EPA 8270 by HVI	Benzo(a)anthracene	0.13J	ug/L	0.34	08/04/17 19:09	
EPA 8270 by HVI	Benzo(a)pyrene	0.40J	ug/L	0.47	08/04/17 19:09	

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SUMMARY OF DETECTION

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154369

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40154369021	**SB-5-S**					
EPA 8270 by HVI	Benzo(b)fluoranthene	0.41	ug/L	0.26	08/04/17 19:09	
EPA 8270 by HVI	Benzo(g,h,i)perylene	0.22J	ug/L	0.31	08/04/17 19:09	
EPA 8270 by HVI	Benzo(k)fluoranthene	0.40	ug/L	0.34	08/04/17 19:09	
EPA 8270 by HVI	Chrysene	1.0	ug/L	0.59	08/04/17 19:09	
EPA 8270 by HVI	Fluoranthene	2.1	ug/L	0.48	08/04/17 19:09	
EPA 8270 by HVI	Fluorene	0.78	ug/L	0.36	08/04/17 19:09	
EPA 8270 by HVI	1-Methylnaphthalene	5.5	ug/L	0.27	08/04/17 19:09	
EPA 8270 by HVI	2-Methylnaphthalene	9.5	ug/L	0.22	08/04/17 19:09	
EPA 8270 by HVI	Naphthalene	90.0	ug/L	0.83	08/04/17 19:09	
EPA 8270 by HVI	Phenanthrene	2.8	ug/L	0.62	08/04/17 19:09	
EPA 8270 by HVI	Pyrene	1.9	ug/L	0.34	08/04/17 19:09	
EPA 8260	n-Butylbenzene	69.7	ug/L	10.0	08/09/17 02:33	
EPA 8260	sec-Butylbenzene	47.5J	ug/L	50.0	08/09/17 02:33	
EPA 8260	tert-Butylbenzene	4.5J	ug/L	10.0	08/09/17 02:33	
EPA 8260	Ethylbenzene	23.8	ug/L	10.0	08/09/17 02:33	
EPA 8260	Isopropylbenzene (Cumene)	41.5	ug/L	10.0	08/09/17 02:33	
EPA 8260	Naphthalene	191	ug/L	50.0	08/09/17 02:33	
EPA 8260	n-Propylbenzene	112	ug/L	10.0	08/09/17 02:33	
EPA 8260	1,2,4-Trimethylbenzene	65.5	ug/L	10.0	08/09/17 02:33	
EPA 8260	1,3,5-Trimethylbenzene	126	ug/L	10.0	08/09/17 02:33	
EPA 8260	m&p-Xylene	12.0J	ug/L	20.0	08/09/17 02:33	
40154369022	**SB-4-S**					
EPA 6010	Lead	123	ug/L	13.0	08/08/17 16:04	
EPA 8270 by HVI	Acenaphthene	0.0074J	ug/L	0.028	08/04/17 21:03	
EPA 8270 by HVI	Acenaphthylene	0.0073J	ug/L	0.023	08/04/17 21:03	
EPA 8270 by HVI	Anthracene	0.012J	ug/L	0.048	08/04/17 21:03	
EPA 8270 by HVI	Benzo(a)anthracene	0.0070J	ug/L	0.034	08/04/17 21:03	
EPA 8270 by HVI	Benzo(a)pyrene	0.032J	ug/L	0.048	08/04/17 21:03	
EPA 8270 by HVI	Benzo(b)fluoranthene	0.045	ug/L	0.026	08/04/17 21:03	
EPA 8270 by HVI	Benzo(g,h,i)perylene	0.028J	ug/L	0.031	08/04/17 21:03	
EPA 8270 by HVI	Benzo(k)fluoranthene	0.033J	ug/L	0.034	08/04/17 21:03	
EPA 8270 by HVI	Chrysene	0.067	ug/L	0.059	08/04/17 21:03	
EPA 8270 by HVI	Fluoranthene	0.081	ug/L	0.048	08/04/17 21:03	
EPA 8270 by HVI	Indeno(1,2,3-cd)pyrene	0.026J	ug/L	0.080	08/04/17 21:03	
EPA 8270 by HVI	Phenanthrene	0.041J	ug/L	0.063	08/04/17 21:03	
EPA 8270 by HVI	Pyrene	0.090	ug/L	0.035	08/04/17 21:03	B
40154369023	**SB-24-S**					
EPA 6010	Arsenic	31.0	ug/L	25.0	08/08/17 16:07	
EPA 6010	Barium	490	ug/L	5.0	08/08/17 16:07	
EPA 6010	Chromium	108	ug/L	10.0	08/08/17 16:07	
EPA 6010	Lead	34.8	ug/L	13.0	08/08/17 16:07	
EPA 8260	Trichlorofluoromethane	0.27J	ug/L	1.0	08/08/17 14:22	
40154369024	**SB-25-S**					
EPA 6010	Arsenic	21.5J	ug/L	25.0	08/08/17 16:10	
EPA 6010	Barium	473	ug/L	5.0	08/08/17 16:10	
EPA 6010	Chromium	33.6	ug/L	10.0	08/08/17 16:10	

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SUMMARY OF DETECTION

Project: KRAFT HEINZ FOODS COMPANY
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Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40154369024	**SB-25-S**					
EPA 6010	Lead	14.4	ug/L	13.0	08/08/17 16:10	
40154369025	**SB-8-S**					
EPA 6010	Lead	76.4	ug/L	13.0	08/08/17 16:12	
EPA 8270 by HVI	Acenaphthene	0.066J	ug/L	0.29	08/09/17 13:05	
EPA 8270 by HVI	1-Methylnaphthalene	5.6	ug/L	0.28	08/09/17 13:05	
EPA 8270 by HVI	2-Methylnaphthalene	10	ug/L	0.23	08/09/17 13:05	
EPA 8270 by HVI	Naphthalene	79.5	ug/L	0.86	08/09/17 13:05	
EPA 8270 by HVI	Phenanthrene	0.14J	ug/L	0.65	08/09/17 13:05	B
EPA 8260	Benzene	28.2J	ug/L	50.0	08/08/17 12:07	
EPA 8260	Ethylbenzene	2250	ug/L	50.0	08/08/17 12:07	
EPA 8260	Isopropylbenzene (Cumene)	89.6	ug/L	50.0	08/08/17 12:07	
EPA 8260	Naphthalene	173J	ug/L	250	08/08/17 12:07	
EPA 8260	n-Propylbenzene	190	ug/L	50.0	08/08/17 12:07	
EPA 8260	1,2,4-Trimethylbenzene	1120	ug/L	50.0	08/08/17 12:07	
EPA 8260	1,3,5-Trimethylbenzene	291	ug/L	50.0	08/08/17 12:07	
EPA 8260	m&p-Xylene	3920	ug/L	100	08/08/17 12:07	
EPA 8260	o-Xylene	83.1	ug/L	50.0	08/08/17 12:07	
40154369026	**SB-43-S**					
EPA 6010	Lead	14.3	ug/L	13.0	08/08/17 16:15	
EPA 8270 by HVI	Acenaphthene	0.013J	ug/L	0.030	08/08/17 21:21	
EPA 8270 by HVI	Anthracene	0.012J	ug/L	0.052	08/08/17 21:21	
EPA 8270 by HVI	Fluoranthene	0.013J	ug/L	0.053	08/08/17 21:21	
EPA 8270 by HVI	Naphthalene	0.026J	ug/L	0.092	08/08/17 21:21	
EPA 8270 by HVI	Phenanthrene	0.035J	ug/L	0.069	08/08/17 21:21	B
EPA 8270 by HVI	Pyrene	0.015J	ug/L	0.038	08/08/17 21:21	B
40154369027	**SB-44-S**					
EPA 8270 by HVI	Acenaphthene	0.0077J	ug/L	0.030	08/08/17 14:51	
EPA 8270 by HVI	Anthracene	0.047J	ug/L	0.052	08/08/17 14:51	
EPA 8270 by HVI	Benzo(a)pyrene	0.015J	ug/L	0.053	08/08/17 14:51	
EPA 8270 by HVI	Benzo(b)fluoranthene	0.020J	ug/L	0.029	08/08/17 14:51	
EPA 8270 by HVI	Benzo(g,h,i)perylene	0.019J	ug/L	0.034	08/08/17 14:51	
EPA 8270 by HVI	Benzo(k)fluoranthene	0.010J	ug/L	0.038	08/08/17 14:51	
EPA 8270 by HVI	Chrysene	0.029J	ug/L	0.065	08/08/17 14:51	
EPA 8270 by HVI	Fluoranthene	0.036J	ug/L	0.053	08/08/17 14:51	
EPA 8270 by HVI	Fluorene	0.010J	ug/L	0.040	08/08/17 14:51	
EPA 8270 by HVI	1-Methylnaphthalene	0.0099J	ug/L	0.030	08/08/17 14:51	
EPA 8270 by HVI	Naphthalene	0.031J	ug/L	0.092	08/08/17 14:51	
EPA 8270 by HVI	Phenanthrene	0.064J	ug/L	0.069	08/08/17 14:51	B
EPA 8270 by HVI	Pyrene	0.038J	ug/L	0.038	08/08/17 14:51	B
EPA 8260	Benzene	23.3	ug/L	1.0	08/09/17 01:02	
EPA 8260	Ethylbenzene	1.3	ug/L	1.0	08/09/17 01:02	
EPA 8260	Isopropylbenzene (Cumene)	0.18J	ug/L	1.0	08/09/17 01:02	
EPA 8260	Toluene	10.8	ug/L	1.0	08/09/17 01:02	
EPA 8260	1,2,4-Trimethylbenzene	0.73J	ug/L	1.0	08/09/17 01:02	
EPA 8260	m&p-Xylene	5.2	ug/L	2.0	08/09/17 01:02	
EPA 8260	o-Xylene	2.2	ug/L	1.0	08/09/17 01:02	

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SUMMARY OF DETECTION

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154369

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40154369028	**SB-48-S**					
EPA 6010	Arsenic	25.8	ug/L	25.0	08/08/17 16:20	
EPA 6010	Barium	239	ug/L	5.0	08/08/17 16:20	
EPA 6010	Chromium	61.5	ug/L	10.0	08/08/17 16:20	
EPA 6010	Lead	44.7	ug/L	13.0	08/08/17 16:20	
EPA 8270	bis(2-Ethylhexyl)phthalate	2.1J	ug/L	2.2	08/14/17 13:39	

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ANALYTICAL RESULTS

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154369

Sample: SB-2 1-1.5' **Lab ID: 40154369001** Collected: 07/31/17 14:10 Received: 08/03/17 09:25 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050								
Lead	**37.6**	mg/kg	1.5	0.51	1	08/08/17 16:20	08/09/17 17:19	7439-92-1	
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546								
Acenaphthene	**<4.7**	ug/kg	15.8	4.7	1	08/10/17 09:07	08/11/17 14:01	83-32-9	
Acenaphthylene	**<4.0**	ug/kg	13.5	4.0	1	08/10/17 09:07	08/11/17 14:01	208-96-8	
Anthracene	**<7.0**	ug/kg	23.2	7.0	1	08/10/17 09:07	08/11/17 14:01	120-12-7	
Benzo(a)anthracene	**27.5**	ug/kg	13.0	3.9	1	08/10/17 09:07	08/11/17 14:01	56-55-3	
Benzo(a)pyrene	**30.1**	ug/kg	10.2	3.1	1	08/10/17 09:07	08/11/17 14:01	50-32-8	
Benzo(b)fluoranthene	**41.9**	ug/kg	11.5	3.5	1	08/10/17 09:07	08/11/17 14:01	205-99-2	
Benzo(g,h,i)perylene	**24.5**	ug/kg	8.3	2.5	1	08/10/17 09:07	08/11/17 14:01	191-24-2	
Benzo(k)fluoranthene	**18.5**	ug/kg	10.2	3.1	1	08/10/17 09:07	08/11/17 14:01	207-08-9	
Chrysene	**35.5**	ug/kg	13.7	4.1	1	08/10/17 09:07	08/11/17 14:01	218-01-9	
Dibenz(a,h)anthracene	**6.3J**	ug/kg	9.1	2.7	1	08/10/17 09:07	08/11/17 14:01	53-70-3	
Fluoranthene	**50.9**	ug/kg	21.3	6.4	1	08/10/17 09:07	08/11/17 14:01	206-44-0	
Fluorene	**<5.1**	ug/kg	16.9	5.1	1	08/10/17 09:07	08/11/17 14:01	86-73-7	
Indeno(1,2,3-cd)pyrene	**19.4**	ug/kg	9.0	2.7	1	08/10/17 09:07	08/11/17 14:01	193-39-5	
1-Methylnaphthalene	**<4.9**	ug/kg	16.4	4.9	1	08/10/17 09:07	08/11/17 14:01	90-12-0	
2-Methylnaphthalene	**<6.1**	ug/kg	20.4	6.1	1	08/10/17 09:07	08/11/17 14:01	91-57-6	
Naphthalene	**<10.3**	ug/kg	34.4	10.3	1	08/10/17 09:07	08/11/17 14:01	91-20-3	
Phenanthrene	**18.8J**	ug/kg	47.5	14.2	1	08/10/17 09:07	08/11/17 14:01	85-01-8	
Pyrene	**40.9**	ug/kg	18.3	5.5	1	08/10/17 09:07	08/11/17 14:01	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	63	%	19-96		1	08/10/17 09:07	08/11/17 14:01	321-60-8	
Terphenyl-d14 (S)	76	%	31-98		1	08/10/17 09:07	08/11/17 14:01	1718-51-0	
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 12:59	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 12:59	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 12:59	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 12:59	75-27-4	W
Bromoform	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 12:59	75-25-2	W
Bromomethane	**<69.9**	ug/kg	250	69.9	1	08/07/17 08:00	08/07/17 12:59	74-83-9	W
n-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 12:59	104-51-8	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 12:59	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 12:59	98-06-6	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 12:59	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 12:59	108-90-7	W
Chloroethane	**<67.0**	ug/kg	250	67.0	1	08/07/17 08:00	08/07/17 12:59	75-00-3	W
Chloroform	**<46.4**	ug/kg	250	46.4	1	08/07/17 08:00	08/07/17 12:59	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 12:59	74-87-3	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 12:59	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 12:59	106-43-4	W
1,2-Dibromo-3-chloropropane	**<91.2**	ug/kg	250	91.2	1	08/07/17 08:00	08/07/17 12:59	96-12-8	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 12:59	124-48-1	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 12:59	106-93-4	W

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(920)469-2436

ANALYTICAL RESULTS

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154369

Sample: SB-2 1-1.5' **Lab ID: 40154369001** Collected: 07/31/17 14:10 Received: 08/03/17 09:25 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 12:59	74-95-3	W
1,2-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 12:59	95-50-1	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 12:59	541-73-1	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 12:59	106-46-7	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 12:59	75-71-8	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 12:59	75-34-3	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 12:59	107-06-2	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 12:59	75-35-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 12:59	156-59-2	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 12:59	156-60-5	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 12:59	78-87-5	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 12:59	142-28-9	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 12:59	594-20-7	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 12:59	563-58-6	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 12:59	10061-01-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 12:59	10061-02-6	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 12:59	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 12:59	100-41-4	W
Hexachloro-1,3-butadiene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 12:59	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 12:59	98-82-8	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 12:59	99-87-6	W
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 12:59	75-09-2	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 12:59	1634-04-4	W
Naphthalene	**<40.0**	ug/kg	250	40.0	1	08/07/17 08:00	08/07/17 12:59	91-20-3	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 12:59	103-65-1	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 12:59	100-42-5	W
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 12:59	630-20-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 12:59	79-34-5	W
Tetrachloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 12:59	127-18-4	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 12:59	108-88-3	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 12:59	87-61-6	W
1,2,4-Trichlorobenzene	**<47.6**	ug/kg	250	47.6	1	08/07/17 08:00	08/07/17 12:59	120-82-1	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 12:59	71-55-6	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 12:59	79-00-5	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 12:59	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 12:59	75-69-4	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 12:59	96-18-4	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 12:59	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 12:59	108-67-8	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 12:59	75-01-4	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	08/07/17 08:00	08/07/17 12:59	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 12:59	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	103	%	68-130		1	08/07/17 08:00	08/07/17 12:59	1868-53-7	
Toluene-d8 (S)	107	%	68-149		1	08/07/17 08:00	08/07/17 12:59	2037-26-5	

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ANALYTICAL RESULTS

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154369

Sample: SB-2 1-1.5' **Lab ID: 40154369001** Collected: 07/31/17 14:10 Received: 08/03/17 09:25 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Surrogates									
4-Bromofluorobenzene (S)	98	%	58-141		1	08/07/17 08:00	08/07/17 12:59	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**18.3**	%	0.10	0.10	1		08/14/17 10:57		

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ANALYTICAL RESULTS

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154369

Sample: SB-42 1-2' **Lab ID: 40154369002** Collected: 07/31/17 15:00 Received: 08/03/17 09:25 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050								
Lead	**32.0**	mg/kg	9.4	3.1	5	08/08/17 16:20	08/10/17 10:46	7439-92-1	
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546								
Acenaphthene	**759**	ug/kg	425	128	20	08/10/17 09:07	08/11/17 20:38	83-32-9	
Acenaphthylene	**<109**	ug/kg	363	109	20	08/10/17 09:07	08/11/17 20:38	208-96-8	
Anthracene	**1560**	ug/kg	627	188	20	08/10/17 09:07	08/11/17 20:38	120-12-7	
Benzo(a)anthracene	**3390**	ug/kg	350	105	20	08/10/17 09:07	08/11/17 20:38	56-55-3	
Benzo(a)pyrene	**3140**	ug/kg	276	82.8	20	08/10/17 09:07	08/11/17 20:38	50-32-8	
Benzo(b)fluoranthene	**4400**	ug/kg	310	93.1	20	08/10/17 09:07	08/11/17 20:38	205-99-2	
Benzo(g,h,i)perylene	**1990**	ug/kg	223	67.0	20	08/10/17 09:07	08/11/17 20:38	191-24-2	
Benzo(k)fluoranthene	**1800**	ug/kg	276	82.8	20	08/10/17 09:07	08/11/17 20:38	207-08-9	
Chrysene	**4170**	ug/kg	369	111	20	08/10/17 09:07	08/11/17 20:38	218-01-9	
Dibenz(a,h)anthracene	**534**	ug/kg	246	73.7	20	08/10/17 09:07	08/11/17 20:38	53-70-3	
Fluoranthene	**9930**	ug/kg	574	172	20	08/10/17 09:07	08/11/17 20:38	206-44-0	
Fluorene	**643**	ug/kg	455	137	20	08/10/17 09:07	08/11/17 20:38	86-73-7	
Indeno(1,2,3-cd)pyrene	**1750**	ug/kg	242	72.5	20	08/10/17 09:07	08/11/17 20:38	193-39-5	
1-Methylnaphthalene	**137J**	ug/kg	442	133	20	08/10/17 09:07	08/11/17 20:38	90-12-0	
2-Methylnaphthalene	**<165**	ug/kg	551	165	20	08/10/17 09:07	08/11/17 20:38	91-57-6	
Naphthalene	**<278**	ug/kg	927	278	20	08/10/17 09:07	08/11/17 20:38	91-20-3	
Phenanthrene	**8080**	ug/kg	1280	384	20	08/10/17 09:07	08/11/17 20:38	85-01-8	
Pyrene	**6960**	ug/kg	495	149	20	08/10/17 09:07	08/11/17 20:38	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	50	%	19-96		20	08/10/17 09:07	08/11/17 20:38	321-60-8	
Terphenyl-d14 (S)	48	%	31-98		20	08/10/17 09:07	08/11/17 20:38	1718-51-0	
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 15:49	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 15:49	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 15:49	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 15:49	75-27-4	W
Bromoform	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 15:49	75-25-2	W
Bromomethane	**<69.9**	ug/kg	250	69.9	1	08/04/17 08:15	08/07/17 15:49	74-83-9	W
n-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 15:49	104-51-8	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 15:49	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 15:49	98-06-6	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 15:49	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 15:49	108-90-7	W
Chloroethane	**<67.0**	ug/kg	250	67.0	1	08/04/17 08:15	08/07/17 15:49	75-00-3	W
Chloroform	**<46.4**	ug/kg	250	46.4	1	08/04/17 08:15	08/07/17 15:49	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 15:49	74-87-3	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 15:49	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 15:49	106-43-4	W
1,2-Dibromo-3-chloropropane	**<91.2**	ug/kg	250	91.2	1	08/04/17 08:15	08/07/17 15:49	96-12-8	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 15:49	124-48-1	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 15:49	106-93-4	W

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Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154369

Sample: SB-42 1-2' **Lab ID: 40154369002** Collected: 07/31/17 15:00 Received: 08/03/17 09:25 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 15:49	74-95-3	W
1,2-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 15:49	95-50-1	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 15:49	541-73-1	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 15:49	106-46-7	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 15:49	75-71-8	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 15:49	75-34-3	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 15:49	107-06-2	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 15:49	75-35-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 15:49	156-59-2	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 15:49	156-60-5	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 15:49	78-87-5	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 15:49	142-28-9	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 15:49	594-20-7	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 15:49	563-58-6	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 15:49	10061-01-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 15:49	10061-02-6	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 15:49	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 15:49	100-41-4	W
Hexachloro-1,3-butadiene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 15:49	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 15:49	98-82-8	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 15:49	99-87-6	W
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 15:49	75-09-2	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 15:49	1634-04-4	W
Naphthalene	**<40.0**	ug/kg	250	40.0	1	08/04/17 08:15	08/07/17 15:49	91-20-3	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 15:49	103-65-1	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 15:49	100-42-5	W
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 15:49	630-20-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 15:49	79-34-5	W
Tetrachloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 15:49	127-18-4	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 15:49	108-88-3	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 15:49	87-61-6	W
1,2,4-Trichlorobenzene	**<47.6**	ug/kg	250	47.6	1	08/04/17 08:15	08/07/17 15:49	120-82-1	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 15:49	71-55-6	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 15:49	79-00-5	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 15:49	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 15:49	75-69-4	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 15:49	96-18-4	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 15:49	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 15:49	108-67-8	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 15:49	75-01-4	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	08/04/17 08:15	08/07/17 15:49	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 15:49	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	106	%	68-130		1	08/04/17 08:15	08/07/17 15:49	1868-53-7	
Toluene-d8 (S)	96	%	68-149		1	08/04/17 08:15	08/07/17 15:49	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154369

Sample: SB-42 1-2' **Lab ID: 40154369002** Collected: 07/31/17 15:00 Received: 08/03/17 09:25 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Surrogates									
4-Bromofluorobenzene (S)	79	%	58-141		1	08/04/17 08:15	08/07/17 15:49	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**39.4**	%	0.10	0.10	1		08/14/17 10:57		

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Green Bay, WI 54302
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ANALYTICAL RESULTS

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154369

Sample: SB-4 3-4' **Lab ID: 40154369003** Collected: 07/31/17 16:00 Received: 08/03/17 09:25 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050								
Lead	**14.0**	mg/kg	1.7	0.55	1	08/08/17 16:20	08/09/17 17:24	7439-92-1	
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546								
Acenaphthene	**<5.2**	ug/kg	17.3	5.2	1	08/10/17 09:07	08/11/17 13:44	83-32-9	
Acenaphthylene	**<4.4**	ug/kg	14.7	4.4	1	08/10/17 09:07	08/11/17 13:44	208-96-8	
Anthracene	**<7.6**	ug/kg	25.4	7.6	1	08/10/17 09:07	08/11/17 13:44	120-12-7	
Benzo(a)anthracene	**13.2J**	ug/kg	14.2	4.2	1	08/10/17 09:07	08/11/17 13:44	56-55-3	
Benzo(a)pyrene	**13.5**	ug/kg	11.2	3.4	1	08/10/17 09:07	08/11/17 13:44	50-32-8	
Benzo(b)fluoranthene	**19.0**	ug/kg	12.6	3.8	1	08/10/17 09:07	08/11/17 13:44	205-99-2	
Benzo(g,h,i)perylene	**10.7**	ug/kg	9.1	2.7	1	08/10/17 09:07	08/11/17 13:44	191-24-2	
Benzo(k)fluoranthene	**9.0J**	ug/kg	11.2	3.4	1	08/10/17 09:07	08/11/17 13:44	207-08-9	
Chrysene	**16.9**	ug/kg	15.0	4.5	1	08/10/17 09:07	08/11/17 13:44	218-01-9	
Dibenz(a,h)anthracene	**3.3J**	ug/kg	10	3.0	1	08/10/17 09:07	08/11/17 13:44	53-70-3	
Fluoranthene	**28.5**	ug/kg	23.3	7.0	1	08/10/17 09:07	08/11/17 13:44	206-44-0	
Fluorene	**<5.5**	ug/kg	18.5	5.5	1	08/10/17 09:07	08/11/17 13:44	86-73-7	
Indeno(1,2,3-cd)pyrene	**7.3J**	ug/kg	9.8	2.9	1	08/10/17 09:07	08/11/17 13:44	193-39-5	
1-Methylnaphthalene	**<5.4**	ug/kg	17.9	5.4	1	08/10/17 09:07	08/11/17 13:44	90-12-0	
2-Methylnaphthalene	**<6.7**	ug/kg	22.4	6.7	1	08/10/17 09:07	08/11/17 13:44	91-57-6	
Naphthalene	**<11.3**	ug/kg	37.6	11.3	1	08/10/17 09:07	08/11/17 13:44	91-20-3	
Phenanthrene	**17.5J**	ug/kg	51.9	15.6	1	08/10/17 09:07	08/11/17 13:44	85-01-8	
Pyrene	**20.8**	ug/kg	20.1	6.0	1	08/10/17 09:07	08/11/17 13:44	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	61	%	19-96		1	08/10/17 09:07	08/11/17 13:44	321-60-8	
Terphenyl-d14 (S)	62	%	31-98		1	08/10/17 09:07	08/11/17 13:44	1718-51-0	
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 15:25	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 15:25	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 15:25	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 15:25	75-27-4	W
Bromoform	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 15:25	75-25-2	W
Bromomethane	**<69.9**	ug/kg	250	69.9	1	08/04/17 08:15	08/07/17 15:25	74-83-9	W
n-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 15:25	104-51-8	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 15:25	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 15:25	98-06-6	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 15:25	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 15:25	108-90-7	W
Chloroethane	**<67.0**	ug/kg	250	67.0	1	08/04/17 08:15	08/07/17 15:25	75-00-3	W
Chloroform	**<46.4**	ug/kg	250	46.4	1	08/04/17 08:15	08/07/17 15:25	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 15:25	74-87-3	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 15:25	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 15:25	106-43-4	W
1,2-Dibromo-3-chloropropane	**<91.2**	ug/kg	250	91.2	1	08/04/17 08:15	08/07/17 15:25	96-12-8	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 15:25	124-48-1	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 15:25	106-93-4	W

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ANALYTICAL RESULTS

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154369

Sample: SB-4 3-4' **Lab ID: 40154369003** Collected: 07/31/17 16:00 Received: 08/03/17 09:25 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 15:25	74-95-3	W
1,2-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 15:25	95-50-1	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 15:25	541-73-1	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 15:25	106-46-7	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 15:25	75-71-8	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 15:25	75-34-3	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 15:25	107-06-2	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 15:25	75-35-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 15:25	156-59-2	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 15:25	156-60-5	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 15:25	78-87-5	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 15:25	142-28-9	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 15:25	594-20-7	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 15:25	563-58-6	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 15:25	10061-01-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 15:25	10061-02-6	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 15:25	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 15:25	100-41-4	W
Hexachloro-1,3-butadiene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 15:25	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 15:25	98-82-8	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 15:25	99-87-6	W
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 15:25	75-09-2	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 15:25	1634-04-4	W
Naphthalene	**<40.0**	ug/kg	250	40.0	1	08/04/17 08:15	08/07/17 15:25	91-20-3	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 15:25	103-65-1	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 15:25	100-42-5	W
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 15:25	630-20-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 15:25	79-34-5	W
Tetrachloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 15:25	127-18-4	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 15:25	108-88-3	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 15:25	87-61-6	W
1,2,4-Trichlorobenzene	**<47.6**	ug/kg	250	47.6	1	08/04/17 08:15	08/07/17 15:25	120-82-1	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 15:25	71-55-6	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 15:25	79-00-5	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 15:25	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 15:25	75-69-4	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 15:25	96-18-4	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 15:25	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 15:25	108-67-8	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 15:25	75-01-4	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	08/04/17 08:15	08/07/17 15:25	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 15:25	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	97	%	68-130		1	08/04/17 08:15	08/07/17 15:25	1868-53-7	
Toluene-d8 (S)	99	%	68-149		1	08/04/17 08:15	08/07/17 15:25	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154369

Sample: SB-4 3-4' **Lab ID: 40154369003** Collected: 07/31/17 16:00 Received: 08/03/17 09:25 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Surrogates									
4-Bromofluorobenzene (S)	88	%	58-141		1	08/04/17 08:15	08/07/17 15:25	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**25.3**	%	0.10	0.10	1		08/14/17 10:57		

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ANALYTICAL RESULTS

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154369

Sample: SB-5 4-5' **Lab ID: 40154369004** Collected: 07/31/17 17:00 Received: 08/03/17 09:25 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050								
Lead	**4.1**	mg/kg	1.4	0.47	1	08/08/17 16:20	08/09/17 17:26	7439-92-1	
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546								
Acenaphthene	**<45.8**	ug/kg	152	45.8	10	08/10/17 09:07	08/15/17 18:28	83-32-9	
Acenaphthylene	**<38.9**	ug/kg	130	38.9	10	08/10/17 09:07	08/15/17 18:28	208-96-8	
Anthracene	**<67.4**	ug/kg	224	67.4	10	08/10/17 09:07	08/15/17 18:28	120-12-7	
Benzo(a)anthracene	**39.5J**	ug/kg	125	37.4	10	08/10/17 09:07	08/15/17 18:28	56-55-3	
Benzo(a)pyrene	**<29.7**	ug/kg	98.8	29.7	10	08/10/17 09:07	08/15/17 18:28	50-32-8	
Benzo(b)fluoranthene	**<33.4**	ug/kg	111	33.4	10	08/10/17 09:07	08/15/17 18:28	205-99-2	
Benzo(g,h,i)perylene	**<24.0**	ug/kg	80.0	24.0	10	08/10/17 09:07	08/15/17 18:28	191-24-2	
Benzo(k)fluoranthene	**<29.6**	ug/kg	98.7	29.6	10	08/10/17 09:07	08/15/17 18:28	207-08-9	
Chrysene	**43.4J**	ug/kg	132	39.8	10	08/10/17 09:07	08/15/17 18:28	218-01-9	
Dibenz(a,h)anthracene	**<26.4**	ug/kg	88.0	26.4	10	08/10/17 09:07	08/15/17 18:28	53-70-3	
Fluoranthene	**110J**	ug/kg	205	61.5	10	08/10/17 09:07	08/15/17 18:28	206-44-0	
Fluorene	**50.6J**	ug/kg	163	48.9	10	08/10/17 09:07	08/15/17 18:28	86-73-7	
Indeno(1,2,3-cd)pyrene	**<26.0**	ug/kg	86.6	26.0	10	08/10/17 09:07	08/15/17 18:28	193-39-5	
1-Methylnaphthalene	**251**	ug/kg	158	47.5	10	08/10/17 09:07	08/15/17 18:28	90-12-0	
2-Methylnaphthalene	**472**	ug/kg	197	59.1	10	08/10/17 09:07	08/15/17 18:28	91-57-6	M1
Naphthalene	**2250**	ug/kg	332	99.5	10	08/10/17 09:07	08/15/17 18:28	91-20-3	M1,R1
Phenanthrene	**150J**	ug/kg	458	138	10	08/10/17 09:07	08/15/17 18:28	85-01-8	
Pyrene	**94.4J**	ug/kg	177	53.3	10	08/10/17 09:07	08/15/17 18:28	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	54	%	19-96		10	08/10/17 09:07	08/15/17 18:28	321-60-8	
Terphenyl-d14 (S)	59	%	31-98		10	08/10/17 09:07	08/15/17 18:28	1718-51-0	
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Benzene	**<500**	ug/kg	1200	500	20	08/04/17 08:15	08/05/17 00:43	71-43-2	W
Bromobenzene	**<500**	ug/kg	1200	500	20	08/04/17 08:15	08/05/17 00:43	108-86-1	W
Bromochloromethane	**<500**	ug/kg	1200	500	20	08/04/17 08:15	08/05/17 00:43	74-97-5	W
Bromodichloromethane	**<500**	ug/kg	1200	500	20	08/04/17 08:15	08/05/17 00:43	75-27-4	W
Bromoform	**<500**	ug/kg	1200	500	20	08/04/17 08:15	08/05/17 00:43	75-25-2	W
Bromomethane	**<1400**	ug/kg	5000	1400	20	08/04/17 08:15	08/05/17 00:43	74-83-9	W
n-Butylbenzene	**17900**	ug/kg	1420	591	20	08/04/17 08:15	08/05/17 00:43	104-51-8	
sec-Butylbenzene	**9340**	ug/kg	1420	591	20	08/04/17 08:15	08/05/17 00:43	135-98-8	
tert-Butylbenzene	**<500**	ug/kg	1200	500	20	08/04/17 08:15	08/05/17 00:43	98-06-6	W
Carbon tetrachloride	**<500**	ug/kg	1200	500	20	08/04/17 08:15	08/05/17 00:43	56-23-5	W
Chlorobenzene	**<500**	ug/kg	1200	500	20	08/04/17 08:15	08/05/17 00:43	108-90-7	W
Chloroethane	**<1340**	ug/kg	5000	1340	20	08/04/17 08:15	08/05/17 00:43	75-00-3	W
Chloroform	**<929**	ug/kg	5000	929	20	08/04/17 08:15	08/05/17 00:43	67-66-3	W
Chloromethane	**<500**	ug/kg	1200	500	20	08/04/17 08:15	08/05/17 00:43	74-87-3	W
2-Chlorotoluene	**<500**	ug/kg	1200	500	20	08/04/17 08:15	08/05/17 00:43	95-49-8	W
4-Chlorotoluene	**<500**	ug/kg	1200	500	20	08/04/17 08:15	08/05/17 00:43	106-43-4	W
1,2-Dibromo-3-chloropropane	**<1820**	ug/kg	5000	1820	20	08/04/17 08:15	08/05/17 00:43	96-12-8	W
Dibromochloromethane	**<500**	ug/kg	1200	500	20	08/04/17 08:15	08/05/17 00:43	124-48-1	W
1,2-Dibromoethane (EDB)	**<500**	ug/kg	1200	500	20	08/04/17 08:15	08/05/17 00:43	106-93-4	W

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(920)469-2436

ANALYTICAL RESULTS

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154369

Sample: SB-5 4-5' **Lab ID: 40154369004** Collected: 07/31/17 17:00 Received: 08/03/17 09:25 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Dibromomethane	**<500**	ug/kg	1200	500	20	08/04/17 08:15	08/05/17 00:43	74-95-3	W
1,2-Dichlorobenzene	**<500**	ug/kg	1200	500	20	08/04/17 08:15	08/05/17 00:43	95-50-1	W
1,3-Dichlorobenzene	**<500**	ug/kg	1200	500	20	08/04/17 08:15	08/05/17 00:43	541-73-1	W
1,4-Dichlorobenzene	**<500**	ug/kg	1200	500	20	08/04/17 08:15	08/05/17 00:43	106-46-7	W
Dichlorodifluoromethane	**<500**	ug/kg	1200	500	20	08/04/17 08:15	08/05/17 00:43	75-71-8	W
1,1-Dichloroethane	**<500**	ug/kg	1200	500	20	08/04/17 08:15	08/05/17 00:43	75-34-3	W
1,2-Dichloroethane	**<500**	ug/kg	1200	500	20	08/04/17 08:15	08/05/17 00:43	107-06-2	W
1,1-Dichloroethene	**<500**	ug/kg	1200	500	20	08/04/17 08:15	08/05/17 00:43	75-35-4	W
cis-1,2-Dichloroethene	**<500**	ug/kg	1200	500	20	08/04/17 08:15	08/05/17 00:43	156-59-2	W
trans-1,2-Dichloroethene	**<500**	ug/kg	1200	500	20	08/04/17 08:15	08/05/17 00:43	156-60-5	W
1,2-Dichloropropane	**<500**	ug/kg	1200	500	20	08/04/17 08:15	08/05/17 00:43	78-87-5	W
1,3-Dichloropropane	**<500**	ug/kg	1200	500	20	08/04/17 08:15	08/05/17 00:43	142-28-9	W
2,2-Dichloropropane	**<500**	ug/kg	1200	500	20	08/04/17 08:15	08/05/17 00:43	594-20-7	W
1,1-Dichloropropene	**<500**	ug/kg	1200	500	20	08/04/17 08:15	08/05/17 00:43	563-58-6	W
cis-1,3-Dichloropropene	**<500**	ug/kg	1200	500	20	08/04/17 08:15	08/05/17 00:43	10061-01-5	W
trans-1,3-Dichloropropene	**<500**	ug/kg	1200	500	20	08/04/17 08:15	08/05/17 00:43	10061-02-6	W
Diisopropyl ether	**<500**	ug/kg	1200	500	20	08/04/17 08:15	08/05/17 00:43	108-20-3	W
Ethylbenzene	**<500**	ug/kg	1200	500	20	08/04/17 08:15	08/05/17 00:43	100-41-4	W
Hexachloro-1,3-butadiene	**<500**	ug/kg	1200	500	20	08/04/17 08:15	08/05/17 00:43	87-68-3	W
Isopropylbenzene (Cumene)	**2760**	ug/kg	1420	591	20	08/04/17 08:15	08/05/17 00:43	98-82-8	
p-Isopropyltoluene	**9460**	ug/kg	1420	591	20	08/04/17 08:15	08/05/17 00:43	99-87-6	
Methylene Chloride	**<500**	ug/kg	1200	500	20	08/04/17 08:15	08/05/17 00:43	75-09-2	W
Methyl-tert-butyl ether	**<500**	ug/kg	1200	500	20	08/04/17 08:15	08/05/17 00:43	1634-04-4	W
Naphthalene	**6220**	ug/kg	5910	947	20	08/04/17 08:15	08/05/17 00:43	91-20-3	
n-Propylbenzene	**9010**	ug/kg	1420	591	20	08/04/17 08:15	08/05/17 00:43	103-65-1	
Styrene	**<500**	ug/kg	1200	500	20	08/04/17 08:15	08/05/17 00:43	100-42-5	W
1,1,1,2-Tetrachloroethane	**<500**	ug/kg	1200	500	20	08/04/17 08:15	08/05/17 00:43	630-20-6	W
1,1,2,2-Tetrachloroethane	**<500**	ug/kg	1200	500	20	08/04/17 08:15	08/05/17 00:43	79-34-5	W
Tetrachloroethene	**<500**	ug/kg	1200	500	20	08/04/17 08:15	08/05/17 00:43	127-18-4	W
Toluene	**<500**	ug/kg	1200	500	20	08/04/17 08:15	08/05/17 00:43	108-88-3	W
1,2,3-Trichlorobenzene	**<500**	ug/kg	1200	500	20	08/04/17 08:15	08/05/17 00:43	87-61-6	W
1,2,4-Trichlorobenzene	**<951**	ug/kg	5000	951	20	08/04/17 08:15	08/05/17 00:43	120-82-1	W
1,1,1-Trichloroethane	**<500**	ug/kg	1200	500	20	08/04/17 08:15	08/05/17 00:43	71-55-6	W
1,1,2-Trichloroethane	**<500**	ug/kg	1200	500	20	08/04/17 08:15	08/05/17 00:43	79-00-5	W
Trichloroethene	**<500**	ug/kg	1200	500	20	08/04/17 08:15	08/05/17 00:43	79-01-6	W
Trichlorofluoromethane	**<500**	ug/kg	1200	500	20	08/04/17 08:15	08/05/17 00:43	75-69-4	W
1,2,3-Trichloropropane	**<500**	ug/kg	1200	500	20	08/04/17 08:15	08/05/17 00:43	96-18-4	W
1,2,4-Trimethylbenzene	**11400**	ug/kg	1420	591	20	08/04/17 08:15	08/05/17 00:43	95-63-6	
1,3,5-Trimethylbenzene	**24900**	ug/kg	1420	591	20	08/04/17 08:15	08/05/17 00:43	108-67-8	
Vinyl chloride	**<500**	ug/kg	1200	500	20	08/04/17 08:15	08/05/17 00:43	75-01-4	W
m&p-Xylene	**<1000**	ug/kg	2400	1000	20	08/04/17 08:15	08/05/17 00:43	179601-23-1	W
o-Xylene	**<500**	ug/kg	1200	500	20	08/04/17 08:15	08/05/17 00:43	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	0	%	68-130		20	08/04/17 08:15	08/05/17 00:43	1868-53-7	D3,S4
Toluene-d8 (S)	0	%	68-149		20	08/04/17 08:15	08/05/17 00:43	2037-26-5	S4

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ANALYTICAL RESULTS

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154369

Sample: SB-5 4-5' **Lab ID: 40154369004** Collected: 07/31/17 17:00 Received: 08/03/17 09:25 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Surrogates									
4-Bromofluorobenzene (S)	0	%	58-141		20	08/04/17 08:15	08/05/17 00:43	460-00-4	S4
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**15.4**	%	0.10	0.10	1		08/14/17 10:58		

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ANALYTICAL RESULTS

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154369

Sample: SB-6 3-4' **Lab ID: 40154369005** Collected: 07/31/17 17:50 Received: 08/03/17 09:25 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050								
Lead	**5.6**	mg/kg	1.7	0.55	1	08/08/17 16:20	08/09/17 17:28	7439-92-1	
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546								
Acenaphthene	**<5.1**	ug/kg	17.1	5.1	1	08/10/17 09:07	08/11/17 14:20	83-32-9	
Acenaphthylene	**<4.4**	ug/kg	14.6	4.4	1	08/10/17 09:07	08/11/17 14:20	208-96-8	
Anthracene	**<7.6**	ug/kg	25.2	7.6	1	08/10/17 09:07	08/11/17 14:20	120-12-7	
Benzo(a)anthracene	**<4.2**	ug/kg	14.1	4.2	1	08/10/17 09:07	08/11/17 14:20	56-55-3	
Benzo(a)pyrene	**<3.3**	ug/kg	11.1	3.3	1	08/10/17 09:07	08/11/17 14:20	50-32-8	
Benzo(b)fluoranthene	**<3.7**	ug/kg	12.5	3.7	1	08/10/17 09:07	08/11/17 14:20	205-99-2	
Benzo(g,h,i)perylene	**<2.7**	ug/kg	9.0	2.7	1	08/10/17 09:07	08/11/17 14:20	191-24-2	
Benzo(k)fluoranthene	**<3.3**	ug/kg	11.1	3.3	1	08/10/17 09:07	08/11/17 14:20	207-08-9	
Chrysene	**<4.5**	ug/kg	14.9	4.5	1	08/10/17 09:07	08/11/17 14:20	218-01-9	
Dibenz(a,h)anthracene	**<3.0**	ug/kg	9.9	3.0	1	08/10/17 09:07	08/11/17 14:20	53-70-3	
Fluoranthene	**<6.9**	ug/kg	23.1	6.9	1	08/10/17 09:07	08/11/17 14:20	206-44-0	
Fluorene	**<5.5**	ug/kg	18.3	5.5	1	08/10/17 09:07	08/11/17 14:20	86-73-7	
Indeno(1,2,3-cd)pyrene	**<2.9**	ug/kg	9.7	2.9	1	08/10/17 09:07	08/11/17 14:20	193-39-5	
1-Methylnaphthalene	**26.0**	ug/kg	17.8	5.3	1	08/10/17 09:07	08/11/17 14:20	90-12-0	
2-Methylnaphthalene	**64.7**	ug/kg	22.2	6.6	1	08/10/17 09:07	08/11/17 14:20	91-57-6	
Naphthalene	**75.7**	ug/kg	37.3	11.2	1	08/10/17 09:07	08/11/17 14:20	91-20-3	
Phenanthrene	**<15.5**	ug/kg	51.5	15.5	1	08/10/17 09:07	08/11/17 14:20	85-01-8	
Pyrene	**<6.0**	ug/kg	19.9	6.0	1	08/10/17 09:07	08/11/17 14:20	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	61	%	19-96		1	08/10/17 09:07	08/11/17 14:20	321-60-8	
Terphenyl-d14 (S)	77	%	31-98		1	08/10/17 09:07	08/11/17 14:20	1718-51-0	
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 15:02	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 15:02	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 15:02	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 15:02	75-27-4	W
Bromoform	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 15:02	75-25-2	W
Bromomethane	**<69.9**	ug/kg	250	69.9	1	08/04/17 08:15	08/07/17 15:02	74-83-9	W
n-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 15:02	104-51-8	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 15:02	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 15:02	98-06-6	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 15:02	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 15:02	108-90-7	W
Chloroethane	**<67.0**	ug/kg	250	67.0	1	08/04/17 08:15	08/07/17 15:02	75-00-3	W
Chloroform	**<46.4**	ug/kg	250	46.4	1	08/04/17 08:15	08/07/17 15:02	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 15:02	74-87-3	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 15:02	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 15:02	106-43-4	W
1,2-Dibromo-3-chloropropane	**<91.2**	ug/kg	250	91.2	1	08/04/17 08:15	08/07/17 15:02	96-12-8	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 15:02	124-48-1	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 15:02	106-93-4	W

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1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154369

Sample: SB-6 3-4' **Lab ID: 40154369005** Collected: 07/31/17 17:50 Received: 08/03/17 09:25 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 15:02	74-95-3	W
1,2-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 15:02	95-50-1	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 15:02	541-73-1	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 15:02	106-46-7	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 15:02	75-71-8	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 15:02	75-34-3	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 15:02	107-06-2	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 15:02	75-35-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 15:02	156-59-2	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 15:02	156-60-5	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 15:02	78-87-5	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 15:02	142-28-9	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 15:02	594-20-7	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 15:02	563-58-6	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 15:02	10061-01-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 15:02	10061-02-6	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 15:02	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 15:02	100-41-4	W
Hexachloro-1,3-butadiene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 15:02	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 15:02	98-82-8	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 15:02	99-87-6	W
Methylene Chloride	**34.6J**	ug/kg	79.7	33.2	1	08/04/17 08:15	08/07/17 15:02	75-09-2	
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 15:02	1634-04-4	W
Naphthalene	**80.3J**	ug/kg	332	53.2	1	08/04/17 08:15	08/07/17 15:02	91-20-3	
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 15:02	103-65-1	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 15:02	100-42-5	W
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 15:02	630-20-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 15:02	79-34-5	W
Tetrachloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 15:02	127-18-4	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 15:02	108-88-3	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 15:02	87-61-6	W
1,2,4-Trichlorobenzene	**<47.6**	ug/kg	250	47.6	1	08/04/17 08:15	08/07/17 15:02	120-82-1	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 15:02	71-55-6	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 15:02	79-00-5	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 15:02	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 15:02	75-69-4	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 15:02	96-18-4	W
1,2,4-Trimethylbenzene	**224**	ug/kg	79.7	33.2	1	08/04/17 08:15	08/07/17 15:02	95-63-6	
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 15:02	108-67-8	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 15:02	75-01-4	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	08/04/17 08:15	08/07/17 15:02	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 15:02	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	109	%	68-130		1	08/04/17 08:15	08/07/17 15:02	1868-53-7	
Toluene-d8 (S)	109	%	68-149		1	08/04/17 08:15	08/07/17 15:02	2037-26-5	

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ANALYTICAL RESULTS

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154369

Sample: SB-6 3-4' **Lab ID: 40154369005** Collected: 07/31/17 17:50 Received: 08/03/17 09:25 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Surrogates									
4-Bromofluorobenzene (S)	99	%	58-141		1	08/04/17 08:15	08/07/17 15:02	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**24.8**	%	0.10	0.10	1		08/14/17 10:58		

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ANALYTICAL RESULTS

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154369

Sample: SB-8 10-12' **Lab ID: 40154369006** Collected: 08/01/17 09:05 Received: 08/03/17 09:25 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050								
Lead	**11.0**	mg/kg	2.0	0.65	1	08/08/17 16:20	08/09/17 17:31	7439-92-1	
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546								
Acenaphthene	**<6.0**	ug/kg	19.9	6.0	1	08/10/17 09:07	08/14/17 17:03	83-32-9	
Acenaphthylene	**<5.1**	ug/kg	17.0	5.1	1	08/10/17 09:07	08/14/17 17:03	208-96-8	
Anthracene	**<8.8**	ug/kg	29.3	8.8	1	08/10/17 09:07	08/14/17 17:03	120-12-7	
Benzo(a)anthracene	**<4.9**	ug/kg	16.4	4.9	1	08/10/17 09:07	08/14/17 17:03	56-55-3	
Benzo(a)pyrene	**<3.9**	ug/kg	12.9	3.9	1	08/10/17 09:07	08/14/17 17:03	50-32-8	
Benzo(b)fluoranthene	**<4.4**	ug/kg	14.5	4.4	1	08/10/17 09:07	08/14/17 17:03	205-99-2	
Benzo(g,h,i)perylene	**<3.1**	ug/kg	10.5	3.1	1	08/10/17 09:07	08/14/17 17:03	191-24-2	
Benzo(k)fluoranthene	**<3.9**	ug/kg	12.9	3.9	1	08/10/17 09:07	08/14/17 17:03	207-08-9	
Chrysene	**<5.2**	ug/kg	17.3	5.2	1	08/10/17 09:07	08/14/17 17:03	218-01-9	
Dibenz(a,h)anthracene	**<3.5**	ug/kg	11.5	3.5	1	08/10/17 09:07	08/14/17 17:03	53-70-3	
Fluoranthene	**<8.0**	ug/kg	26.9	8.0	1	08/10/17 09:07	08/14/17 17:03	206-44-0	
Fluorene	**<6.4**	ug/kg	21.3	6.4	1	08/10/17 09:07	08/14/17 17:03	86-73-7	
Indeno(1,2,3-cd)pyrene	**<3.4**	ug/kg	11.3	3.4	1	08/10/17 09:07	08/14/17 17:03	193-39-5	
1-Methylnaphthalene	**6.9J**	ug/kg	20.7	6.2	1	08/10/17 09:07	08/14/17 17:03	90-12-0	
2-Methylnaphthalene	**<7.7**	ug/kg	25.8	7.7	1	08/10/17 09:07	08/14/17 17:03	91-57-6	
Naphthalene	**<13.0**	ug/kg	43.4	13.0	1	08/10/17 09:07	08/14/17 17:03	91-20-3	
Phenanthrene	**<18.0**	ug/kg	59.9	18.0	1	08/10/17 09:07	08/14/17 17:03	85-01-8	
Pyrene	**<7.0**	ug/kg	23.2	7.0	1	08/10/17 09:07	08/14/17 17:03	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	51	%	19-96		1	08/10/17 09:07	08/14/17 17:03	321-60-8	
Terphenyl-d14 (S)	66	%	31-98		1	08/10/17 09:07	08/14/17 17:03	1718-51-0	
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/08/17 08:08	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/08/17 08:08	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/08/17 08:08	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/08/17 08:08	75-27-4	W
Bromoform	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/08/17 08:08	75-25-2	W
Bromomethane	**<69.9**	ug/kg	250	69.9	1	08/04/17 08:15	08/08/17 08:08	74-83-9	W
n-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/08/17 08:08	104-51-8	W
sec-Butylbenzene	**161**	ug/kg	92.6	38.6	1	08/04/17 08:15	08/08/17 08:08	135-98-8	
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/08/17 08:08	98-06-6	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/08/17 08:08	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/08/17 08:08	108-90-7	W
Chloroethane	**<67.0**	ug/kg	250	67.0	1	08/04/17 08:15	08/08/17 08:08	75-00-3	W
Chloroform	**<46.4**	ug/kg	250	46.4	1	08/04/17 08:15	08/08/17 08:08	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/08/17 08:08	74-87-3	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/08/17 08:08	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/08/17 08:08	106-43-4	W
1,2-Dibromo-3-chloropropane	**<91.2**	ug/kg	250	91.2	1	08/04/17 08:15	08/08/17 08:08	96-12-8	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/08/17 08:08	124-48-1	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/08/17 08:08	106-93-4	W

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ANALYTICAL RESULTS

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154369

Sample: SB-8 10-12' **Lab ID: 40154369006** Collected: 08/01/17 09:05 Received: 08/03/17 09:25 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/08/17 08:08	74-95-3	W
1,2-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/08/17 08:08	95-50-1	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/08/17 08:08	541-73-1	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/08/17 08:08	106-46-7	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/08/17 08:08	75-71-8	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/08/17 08:08	75-34-3	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/08/17 08:08	107-06-2	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/08/17 08:08	75-35-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/08/17 08:08	156-59-2	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/08/17 08:08	156-60-5	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/08/17 08:08	78-87-5	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/08/17 08:08	142-28-9	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/08/17 08:08	594-20-7	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/08/17 08:08	563-58-6	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/08/17 08:08	10061-01-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/08/17 08:08	10061-02-6	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/08/17 08:08	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/08/17 08:08	100-41-4	W
Hexachloro-1,3-butadiene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/08/17 08:08	87-68-3	W
Isopropylbenzene (Cumene)	**63.5J**	ug/kg	92.6	38.6	1	08/04/17 08:15	08/08/17 08:08	98-82-8	
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/08/17 08:08	99-87-6	W
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/08/17 08:08	75-09-2	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/08/17 08:08	1634-04-4	W
Naphthalene	**<40.0**	ug/kg	250	40.0	1	08/04/17 08:15	08/08/17 08:08	91-20-3	W
n-Propylbenzene	**322**	ug/kg	92.6	38.6	1	08/04/17 08:15	08/08/17 08:08	103-65-1	
Styrene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/08/17 08:08	100-42-5	W
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/08/17 08:08	630-20-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/08/17 08:08	79-34-5	W
Tetrachloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/08/17 08:08	127-18-4	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/08/17 08:08	108-88-3	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/08/17 08:08	87-61-6	W
1,2,4-Trichlorobenzene	**<47.6**	ug/kg	250	47.6	1	08/04/17 08:15	08/08/17 08:08	120-82-1	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/08/17 08:08	71-55-6	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/08/17 08:08	79-00-5	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/08/17 08:08	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/08/17 08:08	75-69-4	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/08/17 08:08	96-18-4	W
1,2,4-Trimethylbenzene	**122**	ug/kg	92.6	38.6	1	08/04/17 08:15	08/08/17 08:08	95-63-6	
1,3,5-Trimethylbenzene	**561**	ug/kg	92.6	38.6	1	08/04/17 08:15	08/08/17 08:08	108-67-8	
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/08/17 08:08	75-01-4	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	08/04/17 08:15	08/08/17 08:08	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/08/17 08:08	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	104	%	68-130		1	08/04/17 08:15	08/08/17 08:08	1868-53-7	
Toluene-d8 (S)	99	%	68-149		1	08/04/17 08:15	08/08/17 08:08	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154369

Sample: SB-8 10-12' **Lab ID: 40154369006** Collected: 08/01/17 09:05 Received: 08/03/17 09:25 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Surrogates									
4-Bromofluorobenzene (S)	97	%	58-141		1	08/04/17 08:15	08/08/17 08:08	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**35.2**	%	0.10	0.10	1		08/14/17 10:58		

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Green Bay, WI 54302
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ANALYTICAL RESULTS

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154369

Sample: SB-7 10-12' **Lab ID: 40154369007** Collected: 08/01/17 10:00 Received: 08/03/17 09:25 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050								
Lead	**10.3**	mg/kg	1.7	0.55	1	08/08/17 16:20	08/09/17 17:33	7439-92-1	
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546								
Acenaphthene	**<5.0**	ug/kg	16.6	5.0	1	08/10/17 09:07	08/11/17 14:38	83-32-9	
Acenaphthylene	**<4.2**	ug/kg	14.2	4.2	1	08/10/17 09:07	08/11/17 14:38	208-96-8	
Anthracene	**<7.4**	ug/kg	24.5	7.4	1	08/10/17 09:07	08/11/17 14:38	120-12-7	
Benzo(a)anthracene	**<4.1**	ug/kg	13.7	4.1	1	08/10/17 09:07	08/11/17 14:38	56-55-3	
Benzo(a)pyrene	**<3.2**	ug/kg	10.8	3.2	1	08/10/17 09:07	08/11/17 14:38	50-32-8	
Benzo(b)fluoranthene	**<3.6**	ug/kg	12.1	3.6	1	08/10/17 09:07	08/11/17 14:38	205-99-2	
Benzo(g,h,i)perylene	**<2.6**	ug/kg	8.7	2.6	1	08/10/17 09:07	08/11/17 14:38	191-24-2	
Benzo(k)fluoranthene	**<3.2**	ug/kg	10.8	3.2	1	08/10/17 09:07	08/11/17 14:38	207-08-9	
Chrysene	**<4.3**	ug/kg	14.4	4.3	1	08/10/17 09:07	08/11/17 14:38	218-01-9	
Dibenz(a,h)anthracene	**<2.9**	ug/kg	9.6	2.9	1	08/10/17 09:07	08/11/17 14:38	53-70-3	
Fluoranthene	**<6.7**	ug/kg	22.4	6.7	1	08/10/17 09:07	08/11/17 14:38	206-44-0	
Fluorene	**10.1J**	ug/kg	17.8	5.3	1	08/10/17 09:07	08/11/17 14:38	86-73-7	
Indeno(1,2,3-cd)pyrene	**<2.8**	ug/kg	9.4	2.8	1	08/10/17 09:07	08/11/17 14:38	193-39-5	
1-Methylnaphthalene	**86.7**	ug/kg	17.3	5.2	1	08/10/17 09:07	08/11/17 14:38	90-12-0	
2-Methylnaphthalene	**187**	ug/kg	21.5	6.4	1	08/10/17 09:07	08/11/17 14:38	91-57-6	
Naphthalene	**570**	ug/kg	36.2	10.9	1	08/10/17 09:07	08/11/17 14:38	91-20-3	
Phenanthrene	**<15.0**	ug/kg	50.0	15.0	1	08/10/17 09:07	08/11/17 14:38	85-01-8	
Pyrene	**<5.8**	ug/kg	19.3	5.8	1	08/10/17 09:07	08/11/17 14:38	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	55	%	19-96		1	08/10/17 09:07	08/11/17 14:38	321-60-8	
Terphenyl-d14 (S)	62	%	31-98		1	08/10/17 09:07	08/11/17 14:38	1718-51-0	
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Benzene	**312**	ug/kg	155	64.6	2	08/04/17 08:15	08/05/17 01:06	71-43-2	
Bromobenzene	**<50.0**	ug/kg	120	50.0	2	08/04/17 08:15	08/05/17 01:06	108-86-1	W
Bromochloromethane	**<50.0**	ug/kg	120	50.0	2	08/04/17 08:15	08/05/17 01:06	74-97-5	W
Bromodichloromethane	**<50.0**	ug/kg	120	50.0	2	08/04/17 08:15	08/05/17 01:06	75-27-4	W
Bromoform	**<50.0**	ug/kg	120	50.0	2	08/04/17 08:15	08/05/17 01:06	75-25-2	W
Bromomethane	**<140**	ug/kg	500	140	2	08/04/17 08:15	08/05/17 01:06	74-83-9	W
n-Butylbenzene	**1730**	ug/kg	155	64.6	2	08/04/17 08:15	08/05/17 01:06	104-51-8	
sec-Butylbenzene	**256**	ug/kg	155	64.6	2	08/04/17 08:15	08/05/17 01:06	135-98-8	
tert-Butylbenzene	**<50.0**	ug/kg	120	50.0	2	08/04/17 08:15	08/05/17 01:06	98-06-6	W
Carbon tetrachloride	**<50.0**	ug/kg	120	50.0	2	08/04/17 08:15	08/05/17 01:06	56-23-5	W
Chlorobenzene	**<50.0**	ug/kg	120	50.0	2	08/04/17 08:15	08/05/17 01:06	108-90-7	W
Chloroethane	**<134**	ug/kg	500	134	2	08/04/17 08:15	08/05/17 01:06	75-00-3	W
Chloroform	**<92.9**	ug/kg	500	92.9	2	08/04/17 08:15	08/05/17 01:06	67-66-3	W
Chloromethane	**<50.0**	ug/kg	120	50.0	2	08/04/17 08:15	08/05/17 01:06	74-87-3	W
2-Chlorotoluene	**<50.0**	ug/kg	120	50.0	2	08/04/17 08:15	08/05/17 01:06	95-49-8	W
4-Chlorotoluene	**<50.0**	ug/kg	120	50.0	2	08/04/17 08:15	08/05/17 01:06	106-43-4	W
1,2-Dibromo-3-chloropropane	**<182**	ug/kg	500	182	2	08/04/17 08:15	08/05/17 01:06	96-12-8	W
Dibromochloromethane	**<50.0**	ug/kg	120	50.0	2	08/04/17 08:15	08/05/17 01:06	124-48-1	W
1,2-Dibromoethane (EDB)	**<50.0**	ug/kg	120	50.0	2	08/04/17 08:15	08/05/17 01:06	106-93-4	W

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(920)469-2436

ANALYTICAL RESULTS

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154369

Sample: SB-7 10-12' **Lab ID: 40154369007** Collected: 08/01/17 10:00 Received: 08/03/17 09:25 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Dibromomethane	**<50.0**	ug/kg	120	50.0	2	08/04/17 08:15	08/05/17 01:06	74-95-3	W
1,2-Dichlorobenzene	**<50.0**	ug/kg	120	50.0	2	08/04/17 08:15	08/05/17 01:06	95-50-1	W
1,3-Dichlorobenzene	**<50.0**	ug/kg	120	50.0	2	08/04/17 08:15	08/05/17 01:06	541-73-1	W
1,4-Dichlorobenzene	**<50.0**	ug/kg	120	50.0	2	08/04/17 08:15	08/05/17 01:06	106-46-7	W
Dichlorodifluoromethane	**<50.0**	ug/kg	120	50.0	2	08/04/17 08:15	08/05/17 01:06	75-71-8	W
1,1-Dichloroethane	**<50.0**	ug/kg	120	50.0	2	08/04/17 08:15	08/05/17 01:06	75-34-3	W
1,2-Dichloroethane	**<50.0**	ug/kg	120	50.0	2	08/04/17 08:15	08/05/17 01:06	107-06-2	W
1,1-Dichloroethene	**<50.0**	ug/kg	120	50.0	2	08/04/17 08:15	08/05/17 01:06	75-35-4	W
cis-1,2-Dichloroethene	**<50.0**	ug/kg	120	50.0	2	08/04/17 08:15	08/05/17 01:06	156-59-2	W
trans-1,2-Dichloroethene	**<50.0**	ug/kg	120	50.0	2	08/04/17 08:15	08/05/17 01:06	156-60-5	W
1,2-Dichloropropane	**<50.0**	ug/kg	120	50.0	2	08/04/17 08:15	08/05/17 01:06	78-87-5	W
1,3-Dichloropropane	**<50.0**	ug/kg	120	50.0	2	08/04/17 08:15	08/05/17 01:06	142-28-9	W
2,2-Dichloropropane	**<50.0**	ug/kg	120	50.0	2	08/04/17 08:15	08/05/17 01:06	594-20-7	W
1,1-Dichloropropene	**<50.0**	ug/kg	120	50.0	2	08/04/17 08:15	08/05/17 01:06	563-58-6	W
cis-1,3-Dichloropropene	**<50.0**	ug/kg	120	50.0	2	08/04/17 08:15	08/05/17 01:06	10061-01-5	W
trans-1,3-Dichloropropene	**<50.0**	ug/kg	120	50.0	2	08/04/17 08:15	08/05/17 01:06	10061-02-6	W
Diisopropyl ether	**<50.0**	ug/kg	120	50.0	2	08/04/17 08:15	08/05/17 01:06	108-20-3	W
Ethylbenzene	**18800**	ug/kg	155	64.6	2	08/04/17 08:15	08/05/17 01:06	100-41-4	
Hexachloro-1,3-butadiene	**<50.0**	ug/kg	120	50.0	2	08/04/17 08:15	08/05/17 01:06	87-68-3	W
Isopropylbenzene (Cumene)	**1470**	ug/kg	155	64.6	2	08/04/17 08:15	08/05/17 01:06	98-82-8	
p-Isopropyltoluene	**231**	ug/kg	155	64.6	2	08/04/17 08:15	08/05/17 01:06	99-87-6	
Methylene Chloride	**<50.0**	ug/kg	120	50.0	2	08/04/17 08:15	08/05/17 01:06	75-09-2	W
Methyl-tert-butyl ether	**<50.0**	ug/kg	120	50.0	2	08/04/17 08:15	08/05/17 01:06	1634-04-4	W
Naphthalene	**3500**	ug/kg	646	103	2	08/04/17 08:15	08/05/17 01:06	91-20-3	
n-Propylbenzene	**4560**	ug/kg	155	64.6	2	08/04/17 08:15	08/05/17 01:06	103-65-1	
Styrene	**<50.0**	ug/kg	120	50.0	2	08/04/17 08:15	08/05/17 01:06	100-42-5	W
1,1,1,2-Tetrachloroethane	**<50.0**	ug/kg	120	50.0	2	08/04/17 08:15	08/05/17 01:06	630-20-6	W
1,1,2,2-Tetrachloroethane	**<50.0**	ug/kg	120	50.0	2	08/04/17 08:15	08/05/17 01:06	79-34-5	W
Tetrachloroethene	**<50.0**	ug/kg	120	50.0	2	08/04/17 08:15	08/05/17 01:06	127-18-4	W
Toluene	**72.4J**	ug/kg	155	64.6	2	08/04/17 08:15	08/05/17 01:06	108-88-3	
1,2,3-Trichlorobenzene	**<50.0**	ug/kg	120	50.0	2	08/04/17 08:15	08/05/17 01:06	87-61-6	W
1,2,4-Trichlorobenzene	**<95.1**	ug/kg	500	95.1	2	08/04/17 08:15	08/05/17 01:06	120-82-1	W
1,1,1-Trichloroethane	**<50.0**	ug/kg	120	50.0	2	08/04/17 08:15	08/05/17 01:06	71-55-6	W
1,1,2-Trichloroethane	**<50.0**	ug/kg	120	50.0	2	08/04/17 08:15	08/05/17 01:06	79-00-5	W
Trichloroethene	**<50.0**	ug/kg	120	50.0	2	08/04/17 08:15	08/05/17 01:06	79-01-6	W
Trichlorofluoromethane	**<50.0**	ug/kg	120	50.0	2	08/04/17 08:15	08/05/17 01:06	75-69-4	W
1,2,3-Trichloropropane	**<50.0**	ug/kg	120	50.0	2	08/04/17 08:15	08/05/17 01:06	96-18-4	W
1,2,4-Trimethylbenzene	**23600**	ug/kg	155	64.6	2	08/04/17 08:15	08/05/17 01:06	95-63-6	
1,3,5-Trimethylbenzene	**6370**	ug/kg	155	64.6	2	08/04/17 08:15	08/05/17 01:06	108-67-8	
Vinyl chloride	**<50.0**	ug/kg	120	50.0	2	08/04/17 08:15	08/05/17 01:06	75-01-4	W
m&p-Xylene	**38700**	ug/kg	310	129	2	08/04/17 08:15	08/05/17 01:06	179601-23-1	
o-Xylene	**178**	ug/kg	155	64.6	2	08/04/17 08:15	08/05/17 01:06	95-47-6	
Surrogates									
Dibromofluoromethane (S)	114	%	68-130		2	08/04/17 08:15	08/05/17 01:06	1868-53-7	
Toluene-d8 (S)	113	%	68-149		2	08/04/17 08:15	08/05/17 01:06	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154369

Sample: SB-7 10-12' **Lab ID: 40154369007** Collected: 08/01/17 10:00 Received: 08/03/17 09:25 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Surrogates									
4-Bromofluorobenzene (S)	108	%	58-141		2	08/04/17 08:15	08/05/17 01:06	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**22.6**	%	0.10	0.10	1		08/14/17 10:58		

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ANALYTICAL RESULTS

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154369

Sample: SB-9 4-5' **Lab ID: 40154369008** Collected: 08/01/17 10:50 Received: 08/03/17 09:25 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050								
Lead	**6.5**	mg/kg	1.5	0.48	1	08/08/17 16:20	08/09/17 17:40	7439-92-1	
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546								
Acenaphthene	**169**	ug/kg	147	44.2	10	08/10/17 09:07	08/21/17 16:06	83-32-9	
Acenaphthylene	**79.1J**	ug/kg	125	37.5	10	08/10/17 09:07	08/21/17 16:06	208-96-8	
Anthracene	**<65.0**	ug/kg	216	65.0	10	08/10/17 09:07	08/21/17 16:06	120-12-7	
Benzo(a)anthracene	**52.6J**	ug/kg	121	36.1	10	08/10/17 09:07	08/21/17 16:06	56-55-3	
Benzo(a)pyrene	**35.2J**	ug/kg	95.3	28.6	10	08/10/17 09:07	08/21/17 16:06	50-32-8	
Benzo(b)fluoranthene	**41.5J**	ug/kg	107	32.1	10	08/10/17 09:07	08/21/17 16:06	205-99-2	
Benzo(g,h,i)perylene	**<23.1**	ug/kg	77.1	23.1	10	08/10/17 09:07	08/21/17 16:06	191-24-2	
Benzo(k)fluoranthene	**<28.6**	ug/kg	95.1	28.6	10	08/10/17 09:07	08/21/17 16:06	207-08-9	
Chrysene	**58.6J**	ug/kg	127	38.4	10	08/10/17 09:07	08/21/17 16:06	218-01-9	
Dibenz(a,h)anthracene	**<25.4**	ug/kg	84.8	25.4	10	08/10/17 09:07	08/21/17 16:06	53-70-3	
Fluoranthene	**84.6J**	ug/kg	198	59.3	10	08/10/17 09:07	08/21/17 16:06	206-44-0	
Fluorene	**206**	ug/kg	157	47.1	10	08/10/17 09:07	08/21/17 16:06	86-73-7	
Indeno(1,2,3-cd)pyrene	**<25.0**	ug/kg	83.4	25.0	10	08/10/17 09:07	08/21/17 16:06	193-39-5	
1-Methylnaphthalene	**3300**	ug/kg	153	45.8	10	08/10/17 09:07	08/21/17 16:06	90-12-0	
2-Methylnaphthalene	**4160**	ug/kg	190	56.9	10	08/10/17 09:07	08/21/17 16:06	91-57-6	
Naphthalene	**1960**	ug/kg	320	95.8	10	08/10/17 09:07	08/21/17 16:06	91-20-3	
Phenanthrene	**617**	ug/kg	442	133	10	08/10/17 09:07	08/21/17 16:06	85-01-8	
Pyrene	**78.1J**	ug/kg	171	51.4	10	08/10/17 09:07	08/21/17 16:06	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	64	%	19-96		10	08/10/17 09:07	08/21/17 16:06	321-60-8	
Terphenyl-d14 (S)	57	%	31-98		10	08/10/17 09:07	08/21/17 16:06	1718-51-0	
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Benzene	**<200**	ug/kg	480	200	8	08/04/17 08:15	08/07/17 12:44	71-43-2	W
Bromobenzene	**<200**	ug/kg	480	200	8	08/04/17 08:15	08/07/17 12:44	108-86-1	W
Bromochloromethane	**<200**	ug/kg	480	200	8	08/04/17 08:15	08/07/17 12:44	74-97-5	W
Bromodichloromethane	**<200**	ug/kg	480	200	8	08/04/17 08:15	08/07/17 12:44	75-27-4	W
Bromoform	**<200**	ug/kg	480	200	8	08/04/17 08:15	08/07/17 12:44	75-25-2	W
Bromomethane	**<559**	ug/kg	2000	559	8	08/04/17 08:15	08/07/17 12:44	74-83-9	W
n-Butylbenzene	**7190**	ug/kg	547	228	8	08/04/17 08:15	08/07/17 12:44	104-51-8	
sec-Butylbenzene	**5270**	ug/kg	547	228	8	08/04/17 08:15	08/07/17 12:44	135-98-8	
tert-Butylbenzene	**469J**	ug/kg	547	228	8	08/04/17 08:15	08/07/17 12:44	98-06-6	
Carbon tetrachloride	**<200**	ug/kg	480	200	8	08/04/17 08:15	08/07/17 12:44	56-23-5	W
Chlorobenzene	**<200**	ug/kg	480	200	8	08/04/17 08:15	08/07/17 12:44	108-90-7	W
Chloroethane	**<536**	ug/kg	2000	536	8	08/04/17 08:15	08/07/17 12:44	75-00-3	W
Chloroform	**<372**	ug/kg	2000	372	8	08/04/17 08:15	08/07/17 12:44	67-66-3	W
Chloromethane	**<200**	ug/kg	480	200	8	08/04/17 08:15	08/07/17 12:44	74-87-3	W
2-Chlorotoluene	**<200**	ug/kg	480	200	8	08/04/17 08:15	08/07/17 12:44	95-49-8	W
4-Chlorotoluene	**<200**	ug/kg	480	200	8	08/04/17 08:15	08/07/17 12:44	106-43-4	W
1,2-Dibromo-3-chloropropane	**<730**	ug/kg	2000	730	8	08/04/17 08:15	08/07/17 12:44	96-12-8	W
Dibromochloromethane	**<200**	ug/kg	480	200	8	08/04/17 08:15	08/07/17 12:44	124-48-1	W
1,2-Dibromoethane (EDB)	**<200**	ug/kg	480	200	8	08/04/17 08:15	08/07/17 12:44	106-93-4	W

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1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154369

Sample: SB-9 4-5' **Lab ID: 40154369008** Collected: 08/01/17 10:50 Received: 08/03/17 09:25 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Dibromomethane	**<200**	ug/kg	480	200	8	08/04/17 08:15	08/07/17 12:44	74-95-3	W
1,2-Dichlorobenzene	**<200**	ug/kg	480	200	8	08/04/17 08:15	08/07/17 12:44	95-50-1	W
1,3-Dichlorobenzene	**<200**	ug/kg	480	200	8	08/04/17 08:15	08/07/17 12:44	541-73-1	W
1,4-Dichlorobenzene	**<200**	ug/kg	480	200	8	08/04/17 08:15	08/07/17 12:44	106-46-7	W
Dichlorodifluoromethane	**<200**	ug/kg	480	200	8	08/04/17 08:15	08/07/17 12:44	75-71-8	W
1,1-Dichloroethane	**<200**	ug/kg	480	200	8	08/04/17 08:15	08/07/17 12:44	75-34-3	W
1,2-Dichloroethane	**<200**	ug/kg	480	200	8	08/04/17 08:15	08/07/17 12:44	107-06-2	W
1,1-Dichloroethene	**<200**	ug/kg	480	200	8	08/04/17 08:15	08/07/17 12:44	75-35-4	W
cis-1,2-Dichloroethene	**<200**	ug/kg	480	200	8	08/04/17 08:15	08/07/17 12:44	156-59-2	W
trans-1,2-Dichloroethene	**<200**	ug/kg	480	200	8	08/04/17 08:15	08/07/17 12:44	156-60-5	W
1,2-Dichloropropane	**<200**	ug/kg	480	200	8	08/04/17 08:15	08/07/17 12:44	78-87-5	W
1,3-Dichloropropane	**<200**	ug/kg	480	200	8	08/04/17 08:15	08/07/17 12:44	142-28-9	W
2,2-Dichloropropane	**<200**	ug/kg	480	200	8	08/04/17 08:15	08/07/17 12:44	594-20-7	W
1,1-Dichloropropene	**<200**	ug/kg	480	200	8	08/04/17 08:15	08/07/17 12:44	563-58-6	W
cis-1,3-Dichloropropene	**<200**	ug/kg	480	200	8	08/04/17 08:15	08/07/17 12:44	10061-01-5	W
trans-1,3-Dichloropropene	**<200**	ug/kg	480	200	8	08/04/17 08:15	08/07/17 12:44	10061-02-6	W
Diisopropyl ether	**<200**	ug/kg	480	200	8	08/04/17 08:15	08/07/17 12:44	108-20-3	W
Ethylbenzene	**<200**	ug/kg	480	200	8	08/04/17 08:15	08/07/17 12:44	100-41-4	W
Hexachloro-1,3-butadiene	**<200**	ug/kg	480	200	8	08/04/17 08:15	08/07/17 12:44	87-68-3	W
Isopropylbenzene (Cumene)	**927**	ug/kg	547	228	8	08/04/17 08:15	08/07/17 12:44	98-82-8	
p-Isopropyltoluene	**1810**	ug/kg	547	228	8	08/04/17 08:15	08/07/17 12:44	99-87-6	
Methylene Chloride	**<200**	ug/kg	480	200	8	08/04/17 08:15	08/07/17 12:44	75-09-2	W
Methyl-tert-butyl ether	**<200**	ug/kg	480	200	8	08/04/17 08:15	08/07/17 12:44	1634-04-4	W
Naphthalene	**3180**	ug/kg	2280	365	8	08/04/17 08:15	08/07/17 12:44	91-20-3	
n-Propylbenzene	**3420**	ug/kg	547	228	8	08/04/17 08:15	08/07/17 12:44	103-65-1	
Styrene	**<200**	ug/kg	480	200	8	08/04/17 08:15	08/07/17 12:44	100-42-5	W
1,1,1,2-Tetrachloroethane	**<200**	ug/kg	480	200	8	08/04/17 08:15	08/07/17 12:44	630-20-6	W
1,1,2,2-Tetrachloroethane	**<200**	ug/kg	480	200	8	08/04/17 08:15	08/07/17 12:44	79-34-5	W
Tetrachloroethene	**<200**	ug/kg	480	200	8	08/04/17 08:15	08/07/17 12:44	127-18-4	W
Toluene	**<200**	ug/kg	480	200	8	08/04/17 08:15	08/07/17 12:44	108-88-3	W
1,2,3-Trichlorobenzene	**<200**	ug/kg	480	200	8	08/04/17 08:15	08/07/17 12:44	87-61-6	W
1,2,4-Trichlorobenzene	**<380**	ug/kg	2000	380	8	08/04/17 08:15	08/07/17 12:44	120-82-1	W
1,1,1-Trichloroethane	**<200**	ug/kg	480	200	8	08/04/17 08:15	08/07/17 12:44	71-55-6	W
1,1,2-Trichloroethane	**<200**	ug/kg	480	200	8	08/04/17 08:15	08/07/17 12:44	79-00-5	W
Trichloroethene	**<200**	ug/kg	480	200	8	08/04/17 08:15	08/07/17 12:44	79-01-6	W
Trichlorofluoromethane	**<200**	ug/kg	480	200	8	08/04/17 08:15	08/07/17 12:44	75-69-4	W
1,2,3-Trichloropropane	**<200**	ug/kg	480	200	8	08/04/17 08:15	08/07/17 12:44	96-18-4	W
1,2,4-Trimethylbenzene	**<200**	ug/kg	480	200	8	08/04/17 08:15	08/07/17 12:44	95-63-6	W
1,3,5-Trimethylbenzene	**855**	ug/kg	547	228	8	08/04/17 08:15	08/07/17 12:44	108-67-8	
Vinyl chloride	**<200**	ug/kg	480	200	8	08/04/17 08:15	08/07/17 12:44	75-01-4	W
m&p-Xylene	**<400**	ug/kg	960	400	8	08/04/17 08:15	08/07/17 12:44	179601-23-1	W
o-Xylene	**<200**	ug/kg	480	200	8	08/04/17 08:15	08/07/17 12:44	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	110	%	68-130		8	08/04/17 08:15	08/07/17 12:44	1868-53-7	D3
Toluene-d8 (S)	96	%	68-149		8	08/04/17 08:15	08/07/17 12:44	2037-26-5	

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ANALYTICAL RESULTS

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154369

Sample: SB-9 4-5' **Lab ID: 40154369008** Collected: 08/01/17 10:50 Received: 08/03/17 09:25 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Surrogates									
4-Bromofluorobenzene (S)	138	%	58-141		8	08/04/17 08:15	08/07/17 12:44	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**12.2**	%	0.10	0.10	1		08/14/17 10:58		

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ANALYTICAL RESULTS

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154369

Sample: SB-39 3-4' **Lab ID: 40154369009** Collected: 08/01/17 11:40 Received: 08/03/17 09:25 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB	Analytical Method: EPA 8082 Preparation Method: EPA 3541								
PCB-1016 (Aroclor 1016)	**<37.7**	ug/kg	75.4	37.7	1	08/08/17 13:03	08/10/17 14:00	12674-11-2	
PCB-1221 (Aroclor 1221)	**<37.7**	ug/kg	75.4	37.7	1	08/08/17 13:03	08/10/17 14:00	11104-28-2	
PCB-1232 (Aroclor 1232)	**<37.7**	ug/kg	75.4	37.7	1	08/08/17 13:03	08/10/17 14:00	11141-16-5	
PCB-1242 (Aroclor 1242)	**<37.7**	ug/kg	75.4	37.7	1	08/08/17 13:03	08/10/17 14:00	53469-21-9	
PCB-1248 (Aroclor 1248)	**<37.7**	ug/kg	75.4	37.7	1	08/08/17 13:03	08/10/17 14:00	12672-29-6	
PCB-1254 (Aroclor 1254)	**<37.7**	ug/kg	75.4	37.7	1	08/08/17 13:03	08/10/17 14:00	11097-69-1	
PCB-1260 (Aroclor 1260)	**<37.7**	ug/kg	75.4	37.7	1	08/08/17 13:03	08/10/17 14:00	11096-82-5	
PCB, Total	**<37.7**	ug/kg	75.4	37.7	1	08/08/17 13:03	08/10/17 14:00	1336-36-3	
Surrogates									
Tetrachloro-m-xylene (S)	79	%	50-102		1	08/08/17 13:03	08/10/17 14:00	877-09-8	
Decachlorobiphenyl (S)	79	%	53-105		1	08/08/17 13:03	08/10/17 14:00	2051-24-3	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050								
Arsenic	**14.4**	mg/kg	7.3	1.5	1	08/08/17 11:12	08/09/17 10:42	7440-38-2	
Barium	**244**	mg/kg	0.73	0.22	1	08/08/17 11:12	08/09/17 10:42	7440-39-3	
Cadmium	**1.5**	mg/kg	0.73	0.19	1	08/08/17 11:12	08/09/17 10:42	7440-43-9	
Chromium	**39.7**	mg/kg	1.5	0.41	1	08/08/17 11:12	08/09/17 10:42	7440-47-3	
Lead	**231**	mg/kg	1.9	0.63	1	08/08/17 11:12	08/09/17 10:42	7439-92-1	
Selenium	**<1.6**	mg/kg	7.3	1.6	1	08/08/17 11:12	08/09/17 10:42	7782-49-2	
Silver	**9.8**	mg/kg	1.5	0.50	1	08/08/17 11:12	08/09/17 10:42	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471								
Mercury	**3.6**	mg/kg	0.53	0.16	10	08/14/17 07:10	08/15/17 13:26	7439-97-6	
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546								
1,2,4-Trichlorobenzene	**<28.5**	ug/kg	94.8	28.5	1	08/07/17 14:59	08/08/17 15:55	120-82-1	
1,2-Dichlorobenzene	**<79.1**	ug/kg	264	79.1	1	08/07/17 14:59	08/08/17 15:55	95-50-1	
1,3-Dichlorobenzene	**<34.9**	ug/kg	116	34.9	1	08/07/17 14:59	08/08/17 15:55	541-73-1	
1,4-Dichlorobenzene	**<35.1**	ug/kg	117	35.1	1	08/07/17 14:59	08/08/17 15:55	106-46-7	
2,2'-Oxybis(1-chloropropane)	**<64.9**	ug/kg	216	64.9	1	08/07/17 14:59	08/08/17 15:55	108-60-1	
2,4,5-Trichlorophenol	**<44.5**	ug/kg	148	44.5	1	08/07/17 14:59	08/08/17 15:55	95-95-4	
2,4,6-Trichlorophenol	**<38.4**	ug/kg	128	38.4	1	08/07/17 14:59	08/08/17 15:55	88-06-2	
2,4-Dichlorophenol	**<67.3**	ug/kg	224	67.3	1	08/07/17 14:59	08/08/17 15:55	120-83-2	
2,4-Dimethylphenol	**<49.8**	ug/kg	166	49.8	1	08/07/17 14:59	08/08/17 15:55	105-67-9	
2,4-Dinitrophenol	**<76.7**	ug/kg	256	76.7	1	08/07/17 14:59	08/08/17 15:55	51-28-5	L1
2,4-Dinitrotoluene	**<36.0**	ug/kg	120	36.0	1	08/07/17 14:59	08/08/17 15:55	121-14-2	
2,6-Dinitrotoluene	**<47.8**	ug/kg	159	47.8	1	08/07/17 14:59	08/08/17 15:55	606-20-2	
2-Chloronaphthalene	**<32.3**	ug/kg	108	32.3	1	08/07/17 14:59	08/08/17 15:55	91-58-7	
2-Chlorophenol	**<62.8**	ug/kg	209	62.8	1	08/07/17 14:59	08/08/17 15:55	95-57-8	
2-Methylnaphthalene	**<65.4**	ug/kg	218	65.4	1	08/07/17 14:59	08/08/17 15:55	91-57-6	
2-Methylphenol(o-Cresol)	**<45.7**	ug/kg	152	45.7	1	08/07/17 14:59	08/08/17 15:55	95-48-7	
2-Nitroaniline	**<71.7**	ug/kg	239	71.7	1	08/07/17 14:59	08/08/17 15:55	88-74-4	
2-Nitrophenol	**<79.4**	ug/kg	265	79.4	1	08/07/17 14:59	08/08/17 15:55	88-75-5	
3&4-Methylphenol(m&p Cresol)	**<46.1**	ug/kg	154	46.1	1	08/07/17 14:59	08/08/17 15:55		
3,3'-Dichlorobenzidine	**<68.3**	ug/kg	228	68.3	1	08/07/17 14:59	08/08/17 15:55	91-94-1	

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ANALYTICAL RESULTS

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154369

Sample: SB-39 3-4' **Lab ID: 40154369009** Collected: 08/01/17 11:40 Received: 08/03/17 09:25 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546								
3-Nitroaniline	**<42.8**	ug/kg	143	42.8	1	08/07/17 14:59	08/08/17 15:55	99-09-2	
4,6-Dinitro-2-methylphenol	**<77.6**	ug/kg	259	77.6	1	08/07/17 14:59	08/08/17 15:55	534-52-1	
4-Bromophenylphenyl ether	**<52.7**	ug/kg	176	52.7	1	08/07/17 14:59	08/08/17 15:55	101-55-3	
4-Chloro-3-methylphenol	**<78.3**	ug/kg	261	78.3	1	08/07/17 14:59	08/08/17 15:55	59-50-7	
4-Chloroaniline	**<41.4**	ug/kg	138	41.4	1	08/07/17 14:59	08/08/17 15:55	106-47-8	
4-Chlorophenylphenyl ether	**<46.9**	ug/kg	156	46.9	1	08/07/17 14:59	08/08/17 15:55	7005-72-3	
4-Nitroaniline	**<104**	ug/kg	348	104	1	08/07/17 14:59	08/08/17 15:55	100-01-6	
4-Nitrophenol	**<63.4**	ug/kg	211	63.4	1	08/07/17 14:59	08/08/17 15:55	100-02-7	
Acenaphthene	**<89.3**	ug/kg	298	89.3	1	08/07/17 14:59	08/08/17 15:55	83-32-9	
Acenaphthylene	**<89.8**	ug/kg	299	89.8	1	08/07/17 14:59	08/08/17 15:55	208-96-8	
Anthracene	**47.3J**	ug/kg	134	40.2	1	08/07/17 14:59	08/08/17 15:55	120-12-7	
Benzo(a)anthracene	**120J**	ug/kg	130	39.0	1	08/07/17 14:59	08/08/17 15:55	56-55-3	
Benzo(a)pyrene	**158**	ug/kg	126	37.9	1	08/07/17 14:59	08/08/17 15:55	50-32-8	
Benzo(b)fluoranthene	**191**	ug/kg	144	43.2	1	08/07/17 14:59	08/08/17 15:55	205-99-2	
Benzo(g,h,i)perylene	**231**	ug/kg	220	65.9	1	08/07/17 14:59	08/08/17 15:55	191-24-2	
Benzo(k)fluoranthene	**72.6J**	ug/kg	201	60.3	1	08/07/17 14:59	08/08/17 15:55	207-08-9	
Butylbenzylphthalate	**<40.4**	ug/kg	135	40.4	1	08/07/17 14:59	08/08/17 15:55	85-68-7	
Carbazole	**<39.4**	ug/kg	131	39.4	1	08/07/17 14:59	08/08/17 15:55	86-74-8	
Chrysene	**152**	ug/kg	125	37.6	1	08/07/17 14:59	08/08/17 15:55	218-01-9	
Di-n-butylphthalate	**<37.6**	ug/kg	125	37.6	1	08/07/17 14:59	08/08/17 15:55	84-74-2	
Di-n-octylphthalate	**<56.6**	ug/kg	189	56.6	1	08/07/17 14:59	08/08/17 15:55	117-84-0	
Dibenz(a,h)anthracene	**<68.4**	ug/kg	228	68.4	1	08/07/17 14:59	08/08/17 15:55	53-70-3	
Dibenzofuran	**<30.5**	ug/kg	102	30.5	1	08/07/17 14:59	08/08/17 15:55	132-64-9	
Diethylphthalate	**<41.7**	ug/kg	139	41.7	1	08/07/17 14:59	08/08/17 15:55	84-66-2	
Dimethylphthalate	**<32.7**	ug/kg	109	32.7	1	08/07/17 14:59	08/08/17 15:55	131-11-3	
Fluoranthene	**250**	ug/kg	119	35.6	1	08/07/17 14:59	08/08/17 15:55	206-44-0	
Fluorene	**<29.4**	ug/kg	98.1	29.4	1	08/07/17 14:59	08/08/17 15:55	86-73-7	
Hexachloro-1,3-butadiene	**<64.1**	ug/kg	214	64.1	1	08/07/17 14:59	08/08/17 15:55	87-68-3	
Hexachlorobenzene	**<42.3**	ug/kg	141	42.3	1	08/07/17 14:59	08/08/17 15:55	118-74-1	
Hexachlorocyclopentadiene	**<59.6**	ug/kg	199	59.6	1	08/07/17 14:59	08/08/17 15:55	77-47-4	
Hexachloroethane	**<40.3**	ug/kg	134	40.3	1	08/07/17 14:59	08/08/17 15:55	67-72-1	
Indeno(1,2,3-cd)pyrene	**210**	ug/kg	182	54.5	1	08/07/17 14:59	08/08/17 15:55	193-39-5	
Isophorone	**<38.7**	ug/kg	129	38.7	1	08/07/17 14:59	08/08/17 15:55	78-59-1	
N-Nitroso-di-n-propylamine	**<39.9**	ug/kg	133	39.9	1	08/07/17 14:59	08/08/17 15:55	621-64-7	
N-Nitrosodiphenylamine	**<342**	ug/kg	1140	342	1	08/07/17 14:59	08/08/17 15:55	86-30-6	
Naphthalene	**<88.0**	ug/kg	293	88.0	1	08/07/17 14:59	08/08/17 15:55	91-20-3	
Nitrobenzene	**<51.0**	ug/kg	170	51.0	1	08/07/17 14:59	08/08/17 15:55	98-95-3	
Pentachlorophenol	**<55.4**	ug/kg	185	55.4	1	08/07/17 14:59	08/08/17 15:55	87-86-5	
Phenanthrene	**161**	ug/kg	108	32.3	1	08/07/17 14:59	08/08/17 15:55	85-01-8	
Phenol	**<59.7**	ug/kg	199	59.7	1	08/07/17 14:59	08/08/17 15:55	108-95-2	
Pyrene	**258**	ug/kg	186	55.8	1	08/07/17 14:59	08/08/17 15:55	129-00-0	
bis(2-Chloroethoxy)methane	**<67.8**	ug/kg	226	67.8	1	08/07/17 14:59	08/08/17 15:55	111-91-1	
bis(2-Chloroethyl) ether	**<78.6**	ug/kg	262	78.6	1	08/07/17 14:59	08/08/17 15:55	111-44-4	
bis(2-Ethylhexyl)phthalate	**<41.9**	ug/kg	140	41.9	1	08/07/17 14:59	08/08/17 15:55	117-81-7	

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1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154369

Sample: SB-39 3-4' **Lab ID: 40154369009** Collected: 08/01/17 11:40 Received: 08/03/17 09:25 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546								
Surrogates									
Nitrobenzene-d5 (S)	91	%	13-114		1	08/07/17 14:59	08/08/17 15:55	4165-60-0	
2-Fluorobiphenyl (S)	79	%	18-127		1	08/07/17 14:59	08/08/17 15:55	321-60-8	
Terphenyl-d14 (S)	93	%	41-109		1	08/07/17 14:59	08/08/17 15:55	1718-51-0	
Phenol-d6 (S)	81	%	30-97		1	08/07/17 14:59	08/08/17 15:55	13127-88-3	
2-Fluorophenol (S)	85	%	16-103		1	08/07/17 14:59	08/08/17 15:55	367-12-4	
2,4,6-Tribromophenol (S)	91	%	13-143		1	08/07/17 14:59	08/08/17 15:55	118-79-6	
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 09:05	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 09:05	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 09:05	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 09:05	75-27-4	W
Bromoform	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 09:05	75-25-2	W
Bromomethane	**<69.9**	ug/kg	250	69.9	1	08/04/17 08:15	08/07/17 09:05	74-83-9	W
n-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 09:05	104-51-8	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 09:05	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 09:05	98-06-6	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 09:05	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 09:05	108-90-7	W
Chloroethane	**<67.0**	ug/kg	250	67.0	1	08/04/17 08:15	08/07/17 09:05	75-00-3	W
Chloroform	**<46.4**	ug/kg	250	46.4	1	08/04/17 08:15	08/07/17 09:05	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 09:05	74-87-3	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 09:05	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 09:05	106-43-4	W
1,2-Dibromo-3-chloropropane	**<91.2**	ug/kg	250	91.2	1	08/04/17 08:15	08/07/17 09:05	96-12-8	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 09:05	124-48-1	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 09:05	106-93-4	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 09:05	74-95-3	W
1,2-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 09:05	95-50-1	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 09:05	541-73-1	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 09:05	106-46-7	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 09:05	75-71-8	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 09:05	75-34-3	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 09:05	107-06-2	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 09:05	75-35-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 09:05	156-59-2	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 09:05	156-60-5	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 09:05	78-87-5	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 09:05	142-28-9	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 09:05	594-20-7	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 09:05	563-58-6	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 09:05	10061-01-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 09:05	10061-02-6	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 09:05	108-20-3	W

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ANALYTICAL RESULTS

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154369

Sample: SB-39 3-4' **Lab ID: 40154369009** Collected: 08/01/17 11:40 Received: 08/03/17 09:25 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 09:05	100-41-4	W
Hexachloro-1,3-butadiene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 09:05	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 09:05	98-82-8	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 09:05	99-87-6	W
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 09:05	75-09-2	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 09:05	1634-04-4	W
Naphthalene	**<40.0**	ug/kg	250	40.0	1	08/04/17 08:15	08/07/17 09:05	91-20-3	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 09:05	103-65-1	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 09:05	100-42-5	W
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 09:05	630-20-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 09:05	79-34-5	W
Tetrachloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 09:05	127-18-4	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 09:05	108-88-3	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 09:05	87-61-6	W
1,2,4-Trichlorobenzene	**<47.6**	ug/kg	250	47.6	1	08/04/17 08:15	08/07/17 09:05	120-82-1	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 09:05	71-55-6	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 09:05	79-00-5	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 09:05	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 09:05	75-69-4	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 09:05	96-18-4	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 09:05	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 09:05	108-67-8	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 09:05	75-01-4	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	08/04/17 08:15	08/07/17 09:05	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	08/04/17 08:15	08/07/17 09:05	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	130	%	68-130		1	08/04/17 08:15	08/07/17 09:05	1868-53-7	
Toluene-d8 (S)	126	%	68-149		1	08/04/17 08:15	08/07/17 09:05	2037-26-5	
4-Bromofluorobenzene (S)	104	%	58-141		1	08/04/17 08:15	08/07/17 09:05	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**33.7**	%	0.10	0.10	1		08/14/17 10:58		

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ANALYTICAL RESULTS

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154369

Sample: SB-21 3-3.5' **Lab ID: 40154369010** Collected: 07/31/17 14:50 Received: 08/03/17 09:25 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB	Analytical Method: EPA 8082 Preparation Method: EPA 3541								
PCB-1016 (Aroclor 1016)	**<28.0**	ug/kg	56.1	28.0	1	08/07/17 13:29	08/08/17 08:09	12674-11-2	
PCB-1221 (Aroclor 1221)	**<28.0**	ug/kg	56.1	28.0	1	08/07/17 13:29	08/08/17 08:09	11104-28-2	
PCB-1232 (Aroclor 1232)	**<28.0**	ug/kg	56.1	28.0	1	08/07/17 13:29	08/08/17 08:09	11141-16-5	
PCB-1242 (Aroclor 1242)	**<28.0**	ug/kg	56.1	28.0	1	08/07/17 13:29	08/08/17 08:09	53469-21-9	
PCB-1248 (Aroclor 1248)	**<28.0**	ug/kg	56.1	28.0	1	08/07/17 13:29	08/08/17 08:09	12672-29-6	
PCB-1254 (Aroclor 1254)	**<28.0**	ug/kg	56.1	28.0	1	08/07/17 13:29	08/08/17 08:09	11097-69-1	
PCB-1260 (Aroclor 1260)	**<28.0**	ug/kg	56.1	28.0	1	08/07/17 13:29	08/08/17 08:09	11096-82-5	
PCB, Total	**<28.0**	ug/kg	56.1	28.0	1	08/07/17 13:29	08/08/17 08:09	1336-36-3	
Surrogates									
Tetrachloro-m-xylene (S)	72	%	50-102		1	08/07/17 13:29	08/08/17 08:09	877-09-8	
Decachlorobiphenyl (S)	74	%	53-105		1	08/07/17 13:29	08/08/17 08:09	2051-24-3	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050								
Arsenic	**18.1**	mg/kg	10.8	2.3	2	08/08/17 11:12	08/09/17 12:07	7440-38-2	
Barium	**108**	mg/kg	0.54	0.16	1	08/08/17 11:12	08/09/17 10:44	7440-39-3	
Cadmium	**0.88J**	mg/kg	1.1	0.29	2	08/08/17 11:12	08/09/17 12:07	7440-43-9	D3
Chromium	**12.2**	mg/kg	1.1	0.30	1	08/08/17 11:12	08/09/17 10:44	7440-47-3	
Lead	**27.5**	mg/kg	2.8	0.94	2	08/08/17 11:12	08/09/17 12:07	7439-92-1	
Selenium	**<1.2**	mg/kg	5.4	1.2	1	08/08/17 11:12	08/09/17 10:44	7782-49-2	
Silver	**0.47J**	mg/kg	1.1	0.37	1	08/08/17 11:12	08/09/17 10:44	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471								
Mercury	**0.067**	mg/kg	0.040	0.012	1	08/14/17 07:10	08/15/17 11:46	7439-97-6	
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546								
1,2,4-Trichlorobenzene	**<21.2**	ug/kg	70.6	21.2	1	08/07/17 14:59	08/08/17 16:17	120-82-1	
1,2-Dichlorobenzene	**<58.9**	ug/kg	196	58.9	1	08/07/17 14:59	08/08/17 16:17	95-50-1	
1,3-Dichlorobenzene	**<25.9**	ug/kg	86.5	25.9	1	08/07/17 14:59	08/08/17 16:17	541-73-1	
1,4-Dichlorobenzene	**<26.1**	ug/kg	87.0	26.1	1	08/07/17 14:59	08/08/17 16:17	106-46-7	
2,2'-Oxybis(1-chloropropane)	**<48.3**	ug/kg	161	48.3	1	08/07/17 14:59	08/08/17 16:17	108-60-1	
2,4,5-Trichlorophenol	**<33.1**	ug/kg	110	33.1	1	08/07/17 14:59	08/08/17 16:17	95-95-4	
2,4,6-Trichlorophenol	**<28.6**	ug/kg	95.2	28.6	1	08/07/17 14:59	08/08/17 16:17	88-06-2	
2,4-Dichlorophenol	**<50.1**	ug/kg	167	50.1	1	08/07/17 14:59	08/08/17 16:17	120-83-2	
2,4-Dimethylphenol	**<37.0**	ug/kg	123	37.0	1	08/07/17 14:59	08/08/17 16:17	105-67-9	
2,4-Dinitrophenol	**<57.1**	ug/kg	190	57.1	1	08/07/17 14:59	08/08/17 16:17	51-28-5	L1
2,4-Dinitrotoluene	**<26.8**	ug/kg	89.3	26.8	1	08/07/17 14:59	08/08/17 16:17	121-14-2	
2,6-Dinitrotoluene	**<35.6**	ug/kg	119	35.6	1	08/07/17 14:59	08/08/17 16:17	606-20-2	
2-Chloronaphthalene	**<24.0**	ug/kg	80.2	24.0	1	08/07/17 14:59	08/08/17 16:17	91-58-7	
2-Chlorophenol	**<46.7**	ug/kg	156	46.7	1	08/07/17 14:59	08/08/17 16:17	95-57-8	
2-Methylnaphthalene	**<48.6**	ug/kg	162	48.6	1	08/07/17 14:59	08/08/17 16:17	91-57-6	
2-Methylphenol(o-Cresol)	**<34.0**	ug/kg	113	34.0	1	08/07/17 14:59	08/08/17 16:17	95-48-7	
2-Nitroaniline	**<53.4**	ug/kg	178	53.4	1	08/07/17 14:59	08/08/17 16:17	88-74-4	
2-Nitrophenol	**<59.1**	ug/kg	197	59.1	1	08/07/17 14:59	08/08/17 16:17	88-75-5	
3&4-Methylphenol(m&p Cresol)	**<34.3**	ug/kg	114	34.3	1	08/07/17 14:59	08/08/17 16:17		
3,3'-Dichlorobenzidine	**<50.8**	ug/kg	169	50.8	1	08/07/17 14:59	08/08/17 16:17	91-94-1	

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ANALYTICAL RESULTS

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154369

Sample: SB-21 3-3.5' **Lab ID: 40154369010** Collected: 07/31/17 14:50 Received: 08/03/17 09:25 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546								
3-Nitroaniline	**<31.9**	ug/kg	106	31.9	1	08/07/17 14:59	08/08/17 16:17	99-09-2	
4,6-Dinitro-2-methylphenol	**<57.7**	ug/kg	192	57.7	1	08/07/17 14:59	08/08/17 16:17	534-52-1	
4-Bromophenylphenyl ether	**<39.2**	ug/kg	131	39.2	1	08/07/17 14:59	08/08/17 16:17	101-55-3	
4-Chloro-3-methylphenol	**<58.3**	ug/kg	194	58.3	1	08/07/17 14:59	08/08/17 16:17	59-50-7	
4-Chloroaniline	**<30.8**	ug/kg	103	30.8	1	08/07/17 14:59	08/08/17 16:17	106-47-8	
4-Chlorophenylphenyl ether	**<34.9**	ug/kg	116	34.9	1	08/07/17 14:59	08/08/17 16:17	7005-72-3	
4-Nitroaniline	**<77.7**	ug/kg	259	77.7	1	08/07/17 14:59	08/08/17 16:17	100-01-6	
4-Nitrophenol	**<47.2**	ug/kg	157	47.2	1	08/07/17 14:59	08/08/17 16:17	100-02-7	
Acenaphthene	**<66.4**	ug/kg	221	66.4	1	08/07/17 14:59	08/08/17 16:17	83-32-9	
Acenaphthylene	**<66.8**	ug/kg	223	66.8	1	08/07/17 14:59	08/08/17 16:17	208-96-8	
Anthracene	**<29.9**	ug/kg	99.8	29.9	1	08/07/17 14:59	08/08/17 16:17	120-12-7	
Benzo(a)anthracene	**<29.0**	ug/kg	96.7	29.0	1	08/07/17 14:59	08/08/17 16:17	56-55-3	
Benzo(a)pyrene	**<28.2**	ug/kg	93.9	28.2	1	08/07/17 14:59	08/08/17 16:17	50-32-8	
Benzo(b)fluoranthene	**<32.2**	ug/kg	107	32.2	1	08/07/17 14:59	08/08/17 16:17	205-99-2	
Benzo(g,h,i)perylene	**<49.0**	ug/kg	163	49.0	1	08/07/17 14:59	08/08/17 16:17	191-24-2	
Benzo(k)fluoranthene	**<44.8**	ug/kg	149	44.8	1	08/07/17 14:59	08/08/17 16:17	207-08-9	
Butylbenzylphthalate	**<30.0**	ug/kg	100	30.0	1	08/07/17 14:59	08/08/17 16:17	85-68-7	
Carbazole	**<29.3**	ug/kg	97.7	29.3	1	08/07/17 14:59	08/08/17 16:17	86-74-8	
Chrysene	**35.4J**	ug/kg	93.3	28.0	1	08/07/17 14:59	08/08/17 16:17	218-01-9	
Di-n-butylphthalate	**<28.0**	ug/kg	93.3	28.0	1	08/07/17 14:59	08/08/17 16:17	84-74-2	
Di-n-octylphthalate	**<42.1**	ug/kg	140	42.1	1	08/07/17 14:59	08/08/17 16:17	117-84-0	
Dibenz(a,h)anthracene	**<50.9**	ug/kg	170	50.9	1	08/07/17 14:59	08/08/17 16:17	53-70-3	
Dibenzofuran	**<22.7**	ug/kg	75.6	22.7	1	08/07/17 14:59	08/08/17 16:17	132-64-9	
Diethylphthalate	**<31.1**	ug/kg	104	31.1	1	08/07/17 14:59	08/08/17 16:17	84-66-2	
Dimethylphthalate	**<24.4**	ug/kg	81.2	24.4	1	08/07/17 14:59	08/08/17 16:17	131-11-3	
Fluoranthene	**55.6J**	ug/kg	88.3	26.5	1	08/07/17 14:59	08/08/17 16:17	206-44-0	
Fluorene	**<21.9**	ug/kg	73.0	21.9	1	08/07/17 14:59	08/08/17 16:17	86-73-7	
Hexachloro-1,3-butadiene	**<47.7**	ug/kg	159	47.7	1	08/07/17 14:59	08/08/17 16:17	87-68-3	
Hexachlorobenzene	**<31.5**	ug/kg	105	31.5	1	08/07/17 14:59	08/08/17 16:17	118-74-1	
Hexachlorocyclopentadiene	**<44.3**	ug/kg	148	44.3	1	08/07/17 14:59	08/08/17 16:17	77-47-4	
Hexachloroethane	**<30.0**	ug/kg	99.9	30.0	1	08/07/17 14:59	08/08/17 16:17	67-72-1	
Indeno(1,2,3-cd)pyrene	**<40.5**	ug/kg	135	40.5	1	08/07/17 14:59	08/08/17 16:17	193-39-5	
Isophorone	**<28.8**	ug/kg	96.0	28.8	1	08/07/17 14:59	08/08/17 16:17	78-59-1	
N-Nitroso-di-n-propylamine	**<29.7**	ug/kg	99.0	29.7	1	08/07/17 14:59	08/08/17 16:17	621-64-7	
N-Nitrosodiphenylamine	**<254**	ug/kg	847	254	1	08/07/17 14:59	08/08/17 16:17	86-30-6	
Naphthalene	**<65.5**	ug/kg	218	65.5	1	08/07/17 14:59	08/08/17 16:17	91-20-3	
Nitrobenzene	**<38.0**	ug/kg	127	38.0	1	08/07/17 14:59	08/08/17 16:17	98-95-3	
Pentachlorophenol	**<41.2**	ug/kg	137	41.2	1	08/07/17 14:59	08/08/17 16:17	87-86-5	
Phenanthrene	**146**	ug/kg	80.1	24.0	1	08/07/17 14:59	08/08/17 16:17	85-01-8	
Phenol	**<44.4**	ug/kg	148	44.4	1	08/07/17 14:59	08/08/17 16:17	108-95-2	
Pyrene	**<41.5**	ug/kg	138	41.5	1	08/07/17 14:59	08/08/17 16:17	129-00-0	
bis(2-Chloroethoxy)methane	**<50.4**	ug/kg	168	50.4	1	08/07/17 14:59	08/08/17 16:17	111-91-1	
bis(2-Chloroethyl) ether	**<58.5**	ug/kg	195	58.5	1	08/07/17 14:59	08/08/17 16:17	111-44-4	
bis(2-Ethylhexyl)phthalate	**<31.1**	ug/kg	104	31.1	1	08/07/17 14:59	08/08/17 16:17	117-81-7	

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Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154369

Sample: SB-21 3-3.5' **Lab ID: 40154369010** Collected: 07/31/17 14:50 Received: 08/03/17 09:25 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546								
Surrogates									
Nitrobenzene-d5 (S)	58	%	13-114		1	08/07/17 14:59	08/08/17 16:17	4165-60-0	
2-Fluorobiphenyl (S)	60	%	18-127		1	08/07/17 14:59	08/08/17 16:17	321-60-8	
Terphenyl-d14 (S)	63	%	41-109		1	08/07/17 14:59	08/08/17 16:17	1718-51-0	
Phenol-d6 (S)	46	%	30-97		1	08/07/17 14:59	08/08/17 16:17	13127-88-3	
2-Fluorophenol (S)	47	%	16-103		1	08/07/17 14:59	08/08/17 16:17	367-12-4	
2,4,6-Tribromophenol (S)	71	%	13-143		1	08/07/17 14:59	08/08/17 16:17	118-79-6	
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 13:44	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 13:44	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 13:44	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 13:44	75-27-4	W
Bromoform	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 13:44	75-25-2	W
Bromomethane	**<69.9**	ug/kg	250	69.9	1	08/07/17 08:00	08/07/17 13:44	74-83-9	W
n-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 13:44	104-51-8	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 13:44	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 13:44	98-06-6	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 13:44	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 13:44	108-90-7	W
Chloroethane	**<67.0**	ug/kg	250	67.0	1	08/07/17 08:00	08/07/17 13:44	75-00-3	W
Chloroform	**<46.4**	ug/kg	250	46.4	1	08/07/17 08:00	08/07/17 13:44	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 13:44	74-87-3	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 13:44	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 13:44	106-43-4	W
1,2-Dibromo-3-chloropropane	**<91.2**	ug/kg	250	91.2	1	08/07/17 08:00	08/07/17 13:44	96-12-8	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 13:44	124-48-1	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 13:44	106-93-4	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 13:44	74-95-3	W
1,2-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 13:44	95-50-1	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 13:44	541-73-1	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 13:44	106-46-7	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 13:44	75-71-8	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 13:44	75-34-3	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 13:44	107-06-2	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 13:44	75-35-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 13:44	156-59-2	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 13:44	156-60-5	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 13:44	78-87-5	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 13:44	142-28-9	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 13:44	594-20-7	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 13:44	563-58-6	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 13:44	10061-01-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 13:44	10061-02-6	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 13:44	108-20-3	W

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ANALYTICAL RESULTS

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154369

Sample: SB-21 3-3.5' **Lab ID: 40154369010** Collected: 07/31/17 14:50 Received: 08/03/17 09:25 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 13:44	100-41-4	W
Hexachloro-1,3-butadiene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 13:44	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 13:44	98-82-8	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 13:44	99-87-6	W
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 13:44	75-09-2	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 13:44	1634-04-4	W
Naphthalene	**<40.0**	ug/kg	250	40.0	1	08/07/17 08:00	08/07/17 13:44	91-20-3	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 13:44	103-65-1	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 13:44	100-42-5	W
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 13:44	630-20-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 13:44	79-34-5	W
Tetrachloroethene	**64.7J**	ug/kg	67.3	28.0	1	08/07/17 08:00	08/07/17 13:44	127-18-4	
Toluene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 13:44	108-88-3	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 13:44	87-61-6	W
1,2,4-Trichlorobenzene	**<47.6**	ug/kg	250	47.6	1	08/07/17 08:00	08/07/17 13:44	120-82-1	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 13:44	71-55-6	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 13:44	79-00-5	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 13:44	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 13:44	75-69-4	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 13:44	96-18-4	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 13:44	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 13:44	108-67-8	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 13:44	75-01-4	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	08/07/17 08:00	08/07/17 13:44	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 13:44	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	119	%	68-130		1	08/07/17 08:00	08/07/17 13:44	1868-53-7	
Toluene-d8 (S)	123	%	68-149		1	08/07/17 08:00	08/07/17 13:44	2037-26-5	
4-Bromofluorobenzene (S)	113	%	58-141		1	08/07/17 08:00	08/07/17 13:44	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**10.8**	%	0.10	0.10	1		08/14/17 10:58		

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ANALYTICAL RESULTS

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154369

Sample: SB-24 3-4' **Lab ID: 40154369011** Collected: 07/31/17 16:20 Received: 08/03/17 09:25 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB	Analytical Method: EPA 8082 Preparation Method: EPA 3541								
PCB-1016 (Aroclor 1016)	**<28.1**	ug/kg	56.3	28.1	1	08/07/17 13:29	08/08/17 08:32	12674-11-2	
PCB-1221 (Aroclor 1221)	**<28.1**	ug/kg	56.3	28.1	1	08/07/17 13:29	08/08/17 08:32	11104-28-2	
PCB-1232 (Aroclor 1232)	**<28.1**	ug/kg	56.3	28.1	1	08/07/17 13:29	08/08/17 08:32	11141-16-5	
PCB-1242 (Aroclor 1242)	**<28.1**	ug/kg	56.3	28.1	1	08/07/17 13:29	08/08/17 08:32	53469-21-9	
PCB-1248 (Aroclor 1248)	**<28.1**	ug/kg	56.3	28.1	1	08/07/17 13:29	08/08/17 08:32	12672-29-6	
PCB-1254 (Aroclor 1254)	**<28.1**	ug/kg	56.3	28.1	1	08/07/17 13:29	08/08/17 08:32	11097-69-1	
PCB-1260 (Aroclor 1260)	**<28.1**	ug/kg	56.3	28.1	1	08/07/17 13:29	08/08/17 08:32	11096-82-5	
PCB, Total	**<28.1**	ug/kg	56.3	28.1	1	08/07/17 13:29	08/08/17 08:32	1336-36-3	
Surrogates									
Tetrachloro-m-xylene (S)	73	%	50-102		1	08/07/17 13:29	08/08/17 08:32	877-09-8	
Decachlorobiphenyl (S)	74	%	53-105		1	08/07/17 13:29	08/08/17 08:32	2051-24-3	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050								
Arsenic	**6.8**	mg/kg	5.6	1.2	1	08/08/17 11:12	08/09/17 10:51	7440-38-2	
Barium	**67.5**	mg/kg	0.56	0.17	1	08/08/17 11:12	08/09/17 10:51	7440-39-3	
Cadmium	**0.33J**	mg/kg	0.56	0.15	1	08/08/17 11:12	08/09/17 10:51	7440-43-9	
Chromium	**17.5**	mg/kg	1.1	0.31	1	08/08/17 11:12	08/09/17 10:51	7440-47-3	
Lead	**33.2**	mg/kg	1.5	0.49	1	08/08/17 11:12	08/09/17 10:51	7439-92-1	
Selenium	**<1.2**	mg/kg	5.6	1.2	1	08/08/17 11:12	08/09/17 10:51	7782-49-2	
Silver	**<0.39**	mg/kg	1.1	0.39	1	08/08/17 11:12	08/09/17 10:51	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471								
Mercury	**0.022J**	mg/kg	0.037	0.011	1	08/14/17 07:10	08/15/17 11:48	7439-97-6	
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546								
1,2,4-Trichlorobenzene	**<21.2**	ug/kg	70.8	21.2	1	08/07/17 14:59	08/08/17 17:00	120-82-1	
1,2-Dichlorobenzene	**<59.0**	ug/kg	197	59.0	1	08/07/17 14:59	08/08/17 17:00	95-50-1	
1,3-Dichlorobenzene	**<26.0**	ug/kg	86.7	26.0	1	08/07/17 14:59	08/08/17 17:00	541-73-1	
1,4-Dichlorobenzene	**<26.2**	ug/kg	87.2	26.2	1	08/07/17 14:59	08/08/17 17:00	106-46-7	
2,2'-Oxybis(1-chloropropane)	**<48.4**	ug/kg	161	48.4	1	08/07/17 14:59	08/08/17 17:00	108-60-1	
2,4,5-Trichlorophenol	**<33.2**	ug/kg	111	33.2	1	08/07/17 14:59	08/08/17 17:00	95-95-4	
2,4,6-Trichlorophenol	**<28.6**	ug/kg	95.4	28.6	1	08/07/17 14:59	08/08/17 17:00	88-06-2	
2,4-Dichlorophenol	**<50.2**	ug/kg	167	50.2	1	08/07/17 14:59	08/08/17 17:00	120-83-2	
2,4-Dimethylphenol	**<37.1**	ug/kg	124	37.1	1	08/07/17 14:59	08/08/17 17:00	105-67-9	
2,4-Dinitrophenol	**<57.2**	ug/kg	191	57.2	1	08/07/17 14:59	08/08/17 17:00	51-28-5	L1
2,4-Dinitrotoluene	**<26.9**	ug/kg	89.5	26.9	1	08/07/17 14:59	08/08/17 17:00	121-14-2	
2,6-Dinitrotoluene	**<35.6**	ug/kg	119	35.6	1	08/07/17 14:59	08/08/17 17:00	606-20-2	
2-Chloronaphthalene	**<24.1**	ug/kg	80.4	24.1	1	08/07/17 14:59	08/08/17 17:00	91-58-7	
2-Chlorophenol	**<46.9**	ug/kg	156	46.9	1	08/07/17 14:59	08/08/17 17:00	95-57-8	
2-Methylnaphthalene	**314**	ug/kg	163	48.8	1	08/07/17 14:59	08/08/17 17:00	91-57-6	
2-Methylphenol(o-Cresol)	**<34.1**	ug/kg	114	34.1	1	08/07/17 14:59	08/08/17 17:00	95-48-7	
2-Nitroaniline	**<53.5**	ug/kg	178	53.5	1	08/07/17 14:59	08/08/17 17:00	88-74-4	
2-Nitrophenol	**<59.3**	ug/kg	198	59.3	1	08/07/17 14:59	08/08/17 17:00	88-75-5	
3&4-Methylphenol(m&p Cresol)	**<34.4**	ug/kg	115	34.4	1	08/07/17 14:59	08/08/17 17:00		
3,3'-Dichlorobenzidine	**<50.9**	ug/kg	170	50.9	1	08/07/17 14:59	08/08/17 17:00	91-94-1	

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1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154369

Sample: SB-24 3-4' **Lab ID: 40154369011** Collected: 07/31/17 16:20 Received: 08/03/17 09:25 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546								
3-Nitroaniline	**<31.9**	ug/kg	106	31.9	1	08/07/17 14:59	08/08/17 17:00	99-09-2	
4,6-Dinitro-2-methylphenol	**<57.9**	ug/kg	193	57.9	1	08/07/17 14:59	08/08/17 17:00	534-52-1	
4-Bromophenylphenyl ether	**<39.3**	ug/kg	131	39.3	1	08/07/17 14:59	08/08/17 17:00	101-55-3	
4-Chloro-3-methylphenol	**<58.4**	ug/kg	195	58.4	1	08/07/17 14:59	08/08/17 17:00	59-50-7	
4-Chloroaniline	**<30.9**	ug/kg	103	30.9	1	08/07/17 14:59	08/08/17 17:00	106-47-8	
4-Chlorophenylphenyl ether	**<35.0**	ug/kg	117	35.0	1	08/07/17 14:59	08/08/17 17:00	7005-72-3	
4-Nitroaniline	**<77.9**	ug/kg	260	77.9	1	08/07/17 14:59	08/08/17 17:00	100-01-6	
4-Nitrophenol	**<47.3**	ug/kg	158	47.3	1	08/07/17 14:59	08/08/17 17:00	100-02-7	
Acenaphthene	**109J**	ug/kg	222	66.6	1	08/07/17 14:59	08/08/17 17:00	83-32-9	
Acenaphthylene	**<67.0**	ug/kg	223	67.0	1	08/07/17 14:59	08/08/17 17:00	208-96-8	
Anthracene	**272**	ug/kg	100	30.0	1	08/07/17 14:59	08/08/17 17:00	120-12-7	
Benzo(a)anthracene	**561**	ug/kg	96.9	29.1	1	08/07/17 14:59	08/08/17 17:00	56-55-3	
Benzo(a)pyrene	**528**	ug/kg	94.2	28.3	1	08/07/17 14:59	08/08/17 17:00	50-32-8	
Benzo(b)fluoranthene	**655**	ug/kg	108	32.3	1	08/07/17 14:59	08/08/17 17:00	205-99-2	
Benzo(g,h,i)perylene	**348**	ug/kg	164	49.1	1	08/07/17 14:59	08/08/17 17:00	191-24-2	
Benzo(k)fluoranthene	**229**	ug/kg	150	45.0	1	08/07/17 14:59	08/08/17 17:00	207-08-9	
Butylbenzylphthalate	**<30.1**	ug/kg	100	30.1	1	08/07/17 14:59	08/08/17 17:00	85-68-7	
Carbazole	**124**	ug/kg	98.0	29.4	1	08/07/17 14:59	08/08/17 17:00	86-74-8	
Chrysene	**578**	ug/kg	93.6	28.1	1	08/07/17 14:59	08/08/17 17:00	218-01-9	
Di-n-butylphthalate	**<28.1**	ug/kg	93.6	28.1	1	08/07/17 14:59	08/08/17 17:00	84-74-2	
Di-n-octylphthalate	**<42.2**	ug/kg	141	42.2	1	08/07/17 14:59	08/08/17 17:00	117-84-0	
Dibenz(a,h)anthracene	**97.6J**	ug/kg	170	51.0	1	08/07/17 14:59	08/08/17 17:00	53-70-3	
Dibenzofuran	**113**	ug/kg	75.8	22.7	1	08/07/17 14:59	08/08/17 17:00	132-64-9	
Diethylphthalate	**<31.1**	ug/kg	104	31.1	1	08/07/17 14:59	08/08/17 17:00	84-66-2	
Dimethylphthalate	**<24.4**	ug/kg	81.4	24.4	1	08/07/17 14:59	08/08/17 17:00	131-11-3	
Fluoranthene	**1240**	ug/kg	88.6	26.6	1	08/07/17 14:59	08/08/17 17:00	206-44-0	
Fluorene	**120**	ug/kg	73.2	21.9	1	08/07/17 14:59	08/08/17 17:00	86-73-7	
Hexachloro-1,3-butadiene	**<47.8**	ug/kg	159	47.8	1	08/07/17 14:59	08/08/17 17:00	87-68-3	
Hexachlorobenzene	**<31.6**	ug/kg	105	31.6	1	08/07/17 14:59	08/08/17 17:00	118-74-1	
Hexachlorocyclopentadiene	**<44.4**	ug/kg	148	44.4	1	08/07/17 14:59	08/08/17 17:00	77-47-4	
Hexachloroethane	**<30.0**	ug/kg	100	30.0	1	08/07/17 14:59	08/08/17 17:00	67-72-1	
Indeno(1,2,3-cd)pyrene	**388**	ug/kg	135	40.6	1	08/07/17 14:59	08/08/17 17:00	193-39-5	
Isophorone	**<28.9**	ug/kg	96.2	28.9	1	08/07/17 14:59	08/08/17 17:00	78-59-1	
N-Nitroso-di-n-propylamine	**<29.8**	ug/kg	99.3	29.8	1	08/07/17 14:59	08/08/17 17:00	621-64-7	
N-Nitrosodiphenylamine	**<255**	ug/kg	849	255	1	08/07/17 14:59	08/08/17 17:00	86-30-6	
Naphthalene	**269**	ug/kg	219	65.7	1	08/07/17 14:59	08/08/17 17:00	91-20-3	
Nitrobenzene	**<38.1**	ug/kg	127	38.1	1	08/07/17 14:59	08/08/17 17:00	98-95-3	
Pentachlorophenol	**<41.4**	ug/kg	138	41.4	1	08/07/17 14:59	08/08/17 17:00	87-86-5	
Phenanthrene	**990**	ug/kg	80.3	24.1	1	08/07/17 14:59	08/08/17 17:00	85-01-8	
Phenol	**<44.6**	ug/kg	149	44.6	1	08/07/17 14:59	08/08/17 17:00	108-95-2	
Pyrene	**1070**	ug/kg	139	41.6	1	08/07/17 14:59	08/08/17 17:00	129-00-0	
bis(2-Chloroethoxy)methane	**<50.6**	ug/kg	169	50.6	1	08/07/17 14:59	08/08/17 17:00	111-91-1	
bis(2-Chloroethyl) ether	**<58.6**	ug/kg	195	58.6	1	08/07/17 14:59	08/08/17 17:00	111-44-4	
bis(2-Ethylhexyl)phthalate	**<31.2**	ug/kg	104	31.2	1	08/07/17 14:59	08/08/17 17:00	117-81-7	

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(920)469-2436

ANALYTICAL RESULTS

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154369

Sample: SB-24 3-4' **Lab ID: 40154369011** Collected: 07/31/17 16:20 Received: 08/03/17 09:25 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546								
Surrogates									
Nitrobenzene-d5 (S)	81	%	13-114		1	08/07/17 14:59	08/08/17 17:00	4165-60-0	
2-Fluorobiphenyl (S)	82	%	18-127		1	08/07/17 14:59	08/08/17 17:00	321-60-8	
Terphenyl-d14 (S)	89	%	41-109		1	08/07/17 14:59	08/08/17 17:00	1718-51-0	
Phenol-d6 (S)	72	%	30-97		1	08/07/17 14:59	08/08/17 17:00	13127-88-3	
2-Fluorophenol (S)	72	%	16-103		1	08/07/17 14:59	08/08/17 17:00	367-12-4	
2,4,6-Tribromophenol (S)	83	%	13-143		1	08/07/17 14:59	08/08/17 17:00	118-79-6	
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 14:07	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 14:07	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 14:07	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 14:07	75-27-4	W
Bromoform	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 14:07	75-25-2	W
Bromomethane	**<69.9**	ug/kg	250	69.9	1	08/07/17 08:00	08/07/17 14:07	74-83-9	W
n-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 14:07	104-51-8	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 14:07	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 14:07	98-06-6	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 14:07	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 14:07	108-90-7	W
Chloroethane	**<67.0**	ug/kg	250	67.0	1	08/07/17 08:00	08/07/17 14:07	75-00-3	W
Chloroform	**<46.4**	ug/kg	250	46.4	1	08/07/17 08:00	08/07/17 14:07	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 14:07	74-87-3	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 14:07	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 14:07	106-43-4	W
1,2-Dibromo-3-chloropropane	**<91.2**	ug/kg	250	91.2	1	08/07/17 08:00	08/07/17 14:07	96-12-8	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 14:07	124-48-1	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 14:07	106-93-4	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 14:07	74-95-3	W
1,2-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 14:07	95-50-1	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 14:07	541-73-1	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 14:07	106-46-7	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 14:07	75-71-8	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 14:07	75-34-3	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 14:07	107-06-2	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 14:07	75-35-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 14:07	156-59-2	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 14:07	156-60-5	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 14:07	78-87-5	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 14:07	142-28-9	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 14:07	594-20-7	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 14:07	563-58-6	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 14:07	10061-01-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 14:07	10061-02-6	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 14:07	108-20-3	W

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ANALYTICAL RESULTS

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154369

Sample: SB-24 3-4' **Lab ID: 40154369011** Collected: 07/31/17 16:20 Received: 08/03/17 09:25 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 14:07	100-41-4	W
Hexachloro-1,3-butadiene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 14:07	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 14:07	98-82-8	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 14:07	99-87-6	W
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 14:07	75-09-2	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 14:07	1634-04-4	W
Naphthalene	**164J**	ug/kg	281	45.1	1	08/07/17 08:00	08/07/17 14:07	91-20-3	
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 14:07	103-65-1	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 14:07	100-42-5	W
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 14:07	630-20-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 14:07	79-34-5	W
Tetrachloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 14:07	127-18-4	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 14:07	108-88-3	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 14:07	87-61-6	W
1,2,4-Trichlorobenzene	**<47.6**	ug/kg	250	47.6	1	08/07/17 08:00	08/07/17 14:07	120-82-1	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 14:07	71-55-6	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 14:07	79-00-5	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 14:07	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 14:07	75-69-4	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 14:07	96-18-4	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 14:07	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 14:07	108-67-8	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 14:07	75-01-4	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	08/07/17 08:00	08/07/17 14:07	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 14:07	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	110	%	68-130		1	08/07/17 08:00	08/07/17 14:07	1868-53-7	
Toluene-d8 (S)	112	%	68-149		1	08/07/17 08:00	08/07/17 14:07	2037-26-5	
4-Bromofluorobenzene (S)	100	%	58-141		1	08/07/17 08:00	08/07/17 14:07	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**11.2**	%	0.10	0.10	1		08/14/17 10:58		

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ANALYTICAL RESULTS

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154369

Sample: SB-25 3-4' **Lab ID: 40154369012** Collected: 07/31/17 17:15 Received: 08/03/17 09:25 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB	Analytical Method: EPA 8082 Preparation Method: EPA 3541								
PCB-1016 (Aroclor 1016)	**<30.9**	ug/kg	61.8	30.9	1	08/07/17 13:29	08/08/17 08:54	12674-11-2	
PCB-1221 (Aroclor 1221)	**<30.9**	ug/kg	61.8	30.9	1	08/07/17 13:29	08/08/17 08:54	11104-28-2	
PCB-1232 (Aroclor 1232)	**<30.9**	ug/kg	61.8	30.9	1	08/07/17 13:29	08/08/17 08:54	11141-16-5	
PCB-1242 (Aroclor 1242)	**<30.9**	ug/kg	61.8	30.9	1	08/07/17 13:29	08/08/17 08:54	53469-21-9	
PCB-1248 (Aroclor 1248)	**<30.9**	ug/kg	61.8	30.9	1	08/07/17 13:29	08/08/17 08:54	12672-29-6	
PCB-1254 (Aroclor 1254)	**<30.9**	ug/kg	61.8	30.9	1	08/07/17 13:29	08/08/17 08:54	11097-69-1	
PCB-1260 (Aroclor 1260)	**<30.9**	ug/kg	61.8	30.9	1	08/07/17 13:29	08/08/17 08:54	11096-82-5	
PCB, Total	**<30.9**	ug/kg	61.8	30.9	1	08/07/17 13:29	08/08/17 08:54	1336-36-3	
Surrogates									
Tetrachloro-m-xylene (S)	70	%	50-102		1	08/07/17 13:29	08/08/17 08:54	877-09-8	
Decachlorobiphenyl (S)	72	%	53-105		1	08/07/17 13:29	08/08/17 08:54	2051-24-3	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050								
Arsenic	**10.6J**	mg/kg	11.2	2.4	2	08/08/17 11:12	08/09/17 12:09	7440-38-2	D3
Barium	**55.2**	mg/kg	0.56	0.17	1	08/08/17 11:12	08/09/17 10:54	7440-39-3	
Cadmium	**<0.30**	mg/kg	1.1	0.30	2	08/08/17 11:12	08/09/17 12:09	7440-43-9	D3
Chromium	**12.4**	mg/kg	1.1	0.31	1	08/08/17 11:12	08/09/17 10:54	7440-47-3	
Lead	**181**	mg/kg	2.9	0.97	2	08/08/17 11:12	08/09/17 12:09	7439-92-1	
Selenium	**<1.2**	mg/kg	5.6	1.2	1	08/08/17 11:12	08/09/17 10:54	7782-49-2	
Silver	**0.40J**	mg/kg	1.1	0.39	1	08/08/17 11:12	08/09/17 10:54	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471								
Mercury	**0.018J**	mg/kg	0.042	0.013	1	08/14/17 07:10	08/15/17 11:50	7439-97-6	
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546								
1,2,4-Trichlorobenzene	**<234**	ug/kg	779	234	10	08/07/17 14:59	08/08/17 15:34	120-82-1	
1,2-Dichlorobenzene	**<650**	ug/kg	2170	650	10	08/07/17 14:59	08/08/17 15:34	95-50-1	
1,3-Dichlorobenzene	**<286**	ug/kg	954	286	10	08/07/17 14:59	08/08/17 15:34	541-73-1	
1,4-Dichlorobenzene	**<288**	ug/kg	960	288	10	08/07/17 14:59	08/08/17 15:34	106-46-7	
2,2'-Oxybis(1-chloropropane)	**<533**	ug/kg	1780	533	10	08/07/17 14:59	08/08/17 15:34	108-60-1	
2,4,5-Trichlorophenol	**<365**	ug/kg	1220	365	10	08/07/17 14:59	08/08/17 15:34	95-95-4	
2,4,6-Trichlorophenol	**<315**	ug/kg	1050	315	10	08/07/17 14:59	08/08/17 15:34	88-06-2	
2,4-Dichlorophenol	**<552**	ug/kg	1840	552	10	08/07/17 14:59	08/08/17 15:34	120-83-2	
2,4-Dimethylphenol	**<409**	ug/kg	1360	409	10	08/07/17 14:59	08/08/17 15:34	105-67-9	
2,4-Dinitrophenol	**<630**	ug/kg	2100	630	10	08/07/17 14:59	08/08/17 15:34	51-28-5	L1
2,4-Dinitrotoluene	**<296**	ug/kg	985	296	10	08/07/17 14:59	08/08/17 15:34	121-14-2	
2,6-Dinitrotoluene	**<392**	ug/kg	1310	392	10	08/07/17 14:59	08/08/17 15:34	606-20-2	
2-Chloronaphthalene	**<265**	ug/kg	884	265	10	08/07/17 14:59	08/08/17 15:34	91-58-7	
2-Chlorophenol	**<516**	ug/kg	1720	516	10	08/07/17 14:59	08/08/17 15:34	95-57-8	
2-Methylnaphthalene	**575J**	ug/kg	1790	537	10	08/07/17 14:59	08/08/17 15:34	91-57-6	
2-Methylphenol(o-Cresol)	**<375**	ug/kg	1250	375	10	08/07/17 14:59	08/08/17 15:34	95-48-7	
2-Nitroaniline	**<589**	ug/kg	1960	589	10	08/07/17 14:59	08/08/17 15:34	88-74-4	
2-Nitrophenol	**<652**	ug/kg	2170	652	10	08/07/17 14:59	08/08/17 15:34	88-75-5	
3&4-Methylphenol(m&p Cresol)	**<379**	ug/kg	1260	379	10	08/07/17 14:59	08/08/17 15:34		
3,3'-Dichlorobenzidine	**<561**	ug/kg	1870	561	10	08/07/17 14:59	08/08/17 15:34	91-94-1	

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1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154369

Sample: SB-25 3-4' **Lab ID: 40154369012** Collected: 07/31/17 17:15 Received: 08/03/17 09:25 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546								
3-Nitroaniline	**<351**	ug/kg	1170	351	10	08/07/17 14:59	08/08/17 15:34	99-09-2	
4,6-Dinitro-2-methylphenol	**<637**	ug/kg	2120	637	10	08/07/17 14:59	08/08/17 15:34	534-52-1	
4-Bromophenylphenyl ether	**<433**	ug/kg	1440	433	10	08/07/17 14:59	08/08/17 15:34	101-55-3	
4-Chloro-3-methylphenol	**<643**	ug/kg	2140	643	10	08/07/17 14:59	08/08/17 15:34	59-50-7	
4-Chloroaniline	**<340**	ug/kg	1130	340	10	08/07/17 14:59	08/08/17 15:34	106-47-8	
4-Chlorophenylphenyl ether	**<385**	ug/kg	1280	385	10	08/07/17 14:59	08/08/17 15:34	7005-72-3	
4-Nitroaniline	**<858**	ug/kg	2860	858	10	08/07/17 14:59	08/08/17 15:34	100-01-6	
4-Nitrophenol	**<520**	ug/kg	1730	520	10	08/07/17 14:59	08/08/17 15:34	100-02-7	
Acenaphthene	**1690J**	ug/kg	2440	733	10	08/07/17 14:59	08/08/17 15:34	83-32-9	
Acenaphthylene	**<737**	ug/kg	2460	737	10	08/07/17 14:59	08/08/17 15:34	208-96-8	
Anthracene	**4420**	ug/kg	1100	330	10	08/07/17 14:59	08/08/17 15:34	120-12-7	
Benzo(a)anthracene	**5260**	ug/kg	1070	320	10	08/07/17 14:59	08/08/17 15:34	56-55-3	
Benzo(a)pyrene	**3960**	ug/kg	1040	311	10	08/07/17 14:59	08/08/17 15:34	50-32-8	
Benzo(b)fluoranthene	**5310**	ug/kg	1180	355	10	08/07/17 14:59	08/08/17 15:34	205-99-2	
Benzo(g,h,i)perylene	**2260**	ug/kg	1800	541	10	08/07/17 14:59	08/08/17 15:34	191-24-2	
Benzo(k)fluoranthene	**1910**	ug/kg	1650	495	10	08/07/17 14:59	08/08/17 15:34	207-08-9	
Butylbenzylphthalate	**<331**	ug/kg	1100	331	10	08/07/17 14:59	08/08/17 15:34	85-68-7	
Carbazole	**2060**	ug/kg	1080	324	10	08/07/17 14:59	08/08/17 15:34	86-74-8	
Chrysene	**5510**	ug/kg	1030	309	10	08/07/17 14:59	08/08/17 15:34	218-01-9	
Di-n-butylphthalate	**<309**	ug/kg	1030	309	10	08/07/17 14:59	08/08/17 15:34	84-74-2	
Di-n-octylphthalate	**<465**	ug/kg	1550	465	10	08/07/17 14:59	08/08/17 15:34	117-84-0	
Dibenz(a,h)anthracene	**631J**	ug/kg	1870	561	10	08/07/17 14:59	08/08/17 15:34	53-70-3	
Dibenzofuran	**1260**	ug/kg	834	250	10	08/07/17 14:59	08/08/17 15:34	132-64-9	
Diethylphthalate	**<343**	ug/kg	1140	343	10	08/07/17 14:59	08/08/17 15:34	84-66-2	
Dimethylphthalate	**<269**	ug/kg	896	269	10	08/07/17 14:59	08/08/17 15:34	131-11-3	
Fluoranthene	**14400**	ug/kg	975	292	10	08/07/17 14:59	08/08/17 15:34	206-44-0	
Fluorene	**2210**	ug/kg	805	242	10	08/07/17 14:59	08/08/17 15:34	86-73-7	
Hexachloro-1,3-butadiene	**<526**	ug/kg	1750	526	10	08/07/17 14:59	08/08/17 15:34	87-68-3	
Hexachlorobenzene	**<348**	ug/kg	1160	348	10	08/07/17 14:59	08/08/17 15:34	118-74-1	
Hexachlorocyclopentadiene	**<489**	ug/kg	1630	489	10	08/07/17 14:59	08/08/17 15:34	77-47-4	
Hexachloroethane	**<331**	ug/kg	1100	331	10	08/07/17 14:59	08/08/17 15:34	67-72-1	
Indeno(1,2,3-cd)pyrene	**2700**	ug/kg	1490	447	10	08/07/17 14:59	08/08/17 15:34	193-39-5	
Isophorone	**<318**	ug/kg	1060	318	10	08/07/17 14:59	08/08/17 15:34	78-59-1	
N-Nitroso-di-n-propylamine	**<328**	ug/kg	1090	328	10	08/07/17 14:59	08/08/17 15:34	621-64-7	
N-Nitrosodiphenylamine	**<2800**	ug/kg	9350	2800	10	08/07/17 14:59	08/08/17 15:34	86-30-6	
Naphthalene	**<723**	ug/kg	2410	723	10	08/07/17 14:59	08/08/17 15:34	91-20-3	
Nitrobenzene	**<419**	ug/kg	1400	419	10	08/07/17 14:59	08/08/17 15:34	98-95-3	
Pentachlorophenol	**<455**	ug/kg	1520	455	10	08/07/17 14:59	08/08/17 15:34	87-86-5	
Phenanthrene	**15900**	ug/kg	884	265	10	08/07/17 14:59	08/08/17 15:34	85-01-8	
Phenol	**<490**	ug/kg	1630	490	10	08/07/17 14:59	08/08/17 15:34	108-95-2	
Pyrene	**10700**	ug/kg	1530	458	10	08/07/17 14:59	08/08/17 15:34	129-00-0	
bis(2-Chloroethoxy)methane	**<557**	ug/kg	1860	557	10	08/07/17 14:59	08/08/17 15:34	111-91-1	
bis(2-Chloroethyl) ether	**<645**	ug/kg	2150	645	10	08/07/17 14:59	08/08/17 15:34	111-44-4	
bis(2-Ethylhexyl)phthalate	**<344**	ug/kg	1150	344	10	08/07/17 14:59	08/08/17 15:34	117-81-7	

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ANALYTICAL RESULTS

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154369

Sample: SB-25 3-4' **Lab ID: 40154369012** Collected: 07/31/17 17:15 Received: 08/03/17 09:25 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546								
Surrogates									
Nitrobenzene-d5 (S)	84	%	13-114		10	08/07/17 14:59	08/08/17 15:34	4165-60-0	
2-Fluorobiphenyl (S)	85	%	18-127		10	08/07/17 14:59	08/08/17 15:34	321-60-8	
Terphenyl-d14 (S)	100	%	41-109		10	08/07/17 14:59	08/08/17 15:34	1718-51-0	
Phenol-d6 (S)	76	%	30-97		10	08/07/17 14:59	08/08/17 15:34	13127-88-3	
2-Fluorophenol (S)	79	%	16-103		10	08/07/17 14:59	08/08/17 15:34	367-12-4	
2,4,6-Tribromophenol (S)	93	%	13-143		10	08/07/17 14:59	08/08/17 15:34	118-79-6	
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 14:30	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 14:30	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 14:30	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 14:30	75-27-4	W
Bromoform	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 14:30	75-25-2	W
Bromomethane	**<69.9**	ug/kg	250	69.9	1	08/07/17 08:00	08/07/17 14:30	74-83-9	W
n-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 14:30	104-51-8	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 14:30	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 14:30	98-06-6	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 14:30	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 14:30	108-90-7	W
Chloroethane	**<67.0**	ug/kg	250	67.0	1	08/07/17 08:00	08/07/17 14:30	75-00-3	W
Chloroform	**<46.4**	ug/kg	250	46.4	1	08/07/17 08:00	08/07/17 14:30	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 14:30	74-87-3	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 14:30	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 14:30	106-43-4	W
1,2-Dibromo-3-chloropropane	**<91.2**	ug/kg	250	91.2	1	08/07/17 08:00	08/07/17 14:30	96-12-8	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 14:30	124-48-1	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 14:30	106-93-4	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 14:30	74-95-3	W
1,2-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 14:30	95-50-1	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 14:30	541-73-1	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 14:30	106-46-7	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 14:30	75-71-8	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 14:30	75-34-3	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 14:30	107-06-2	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 14:30	75-35-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 14:30	156-59-2	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 14:30	156-60-5	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 14:30	78-87-5	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 14:30	142-28-9	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 14:30	594-20-7	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 14:30	563-58-6	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 14:30	10061-01-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 14:30	10061-02-6	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 14:30	108-20-3	W

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ANALYTICAL RESULTS

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154369

Sample: SB-25 3-4' **Lab ID: 40154369012** Collected: 07/31/17 17:15 Received: 08/03/17 09:25 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 14:30	100-41-4	W
Hexachloro-1,3-butadiene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 14:30	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 14:30	98-82-8	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 14:30	99-87-6	W
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 14:30	75-09-2	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 14:30	1634-04-4	W
Naphthalene	**71.2J**	ug/kg	309	49.5	1	08/07/17 08:00	08/07/17 14:30	91-20-3	
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 14:30	103-65-1	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 14:30	100-42-5	W
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 14:30	630-20-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 14:30	79-34-5	W
Tetrachloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 14:30	127-18-4	W
Toluene	**61.7J**	ug/kg	74.2	30.9	1	08/07/17 08:00	08/07/17 14:30	108-88-3	
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 14:30	87-61-6	W
1,2,4-Trichlorobenzene	**<47.6**	ug/kg	250	47.6	1	08/07/17 08:00	08/07/17 14:30	120-82-1	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 14:30	71-55-6	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 14:30	79-00-5	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 14:30	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 14:30	75-69-4	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 14:30	96-18-4	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 14:30	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 14:30	108-67-8	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 14:30	75-01-4	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	08/07/17 08:00	08/07/17 14:30	179601-23-1	W
o-Xylene	**40.7J**	ug/kg	74.2	30.9	1	08/07/17 08:00	08/07/17 14:30	95-47-6	
Surrogates									
Dibromofluoromethane (S)	123	%	68-130		1	08/07/17 08:00	08/07/17 14:30	1868-53-7	
Toluene-d8 (S)	128	%	68-149		1	08/07/17 08:00	08/07/17 14:30	2037-26-5	
4-Bromofluorobenzene (S)	113	%	58-141		1	08/07/17 08:00	08/07/17 14:30	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**19.1**	%	0.10	0.10	1		08/14/17 10:58		

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1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154369

Sample: SB-43 3-4' **Lab ID: 40154369013** Collected: 08/01/17 09:30 Received: 08/03/17 09:25 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050								
Lead	**10**	mg/kg	1.5	0.50	1	08/08/17 16:20	08/09/17 17:42	7439-92-1	
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546								
Acenaphthene	**<5.0**	ug/kg	16.5	5.0	1	08/10/17 09:07	08/14/17 17:38	83-32-9	
Acenaphthylene	**<4.2**	ug/kg	14.1	4.2	1	08/10/17 09:07	08/14/17 17:38	208-96-8	
Anthracene	**<7.3**	ug/kg	24.3	7.3	1	08/10/17 09:07	08/14/17 17:38	120-12-7	
Benzo(a)anthracene	**<4.1**	ug/kg	13.6	4.1	1	08/10/17 09:07	08/14/17 17:38	56-55-3	
Benzo(a)pyrene	**<3.2**	ug/kg	10.7	3.2	1	08/10/17 09:07	08/14/17 17:38	50-32-8	
Benzo(b)fluoranthene	**<3.6**	ug/kg	12.0	3.6	1	08/10/17 09:07	08/14/17 17:38	205-99-2	
Benzo(g,h,i)perylene	**<2.6**	ug/kg	8.7	2.6	1	08/10/17 09:07	08/14/17 17:38	191-24-2	
Benzo(k)fluoranthene	**<3.2**	ug/kg	10.7	3.2	1	08/10/17 09:07	08/14/17 17:38	207-08-9	
Chrysene	**<4.3**	ug/kg	14.3	4.3	1	08/10/17 09:07	08/14/17 17:38	218-01-9	
Dibenz(a,h)anthracene	**<2.9**	ug/kg	9.5	2.9	1	08/10/17 09:07	08/14/17 17:38	53-70-3	
Fluoranthene	**<6.7**	ug/kg	22.3	6.7	1	08/10/17 09:07	08/14/17 17:38	206-44-0	
Fluorene	**<5.3**	ug/kg	17.7	5.3	1	08/10/17 09:07	08/14/17 17:38	86-73-7	
Indeno(1,2,3-cd)pyrene	**<2.8**	ug/kg	9.4	2.8	1	08/10/17 09:07	08/14/17 17:38	193-39-5	
1-Methylnaphthalene	**<5.2**	ug/kg	17.2	5.2	1	08/10/17 09:07	08/14/17 17:38	90-12-0	
2-Methylnaphthalene	**<6.4**	ug/kg	21.4	6.4	1	08/10/17 09:07	08/14/17 17:38	91-57-6	
Naphthalene	**<10.8**	ug/kg	36.0	10.8	1	08/10/17 09:07	08/14/17 17:38	91-20-3	
Phenanthrene	**<14.9**	ug/kg	49.7	14.9	1	08/10/17 09:07	08/14/17 17:38	85-01-8	
Pyrene	**<5.8**	ug/kg	19.2	5.8	1	08/10/17 09:07	08/14/17 17:38	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	58	%	19-96		1	08/10/17 09:07	08/14/17 17:38	321-60-8	
Terphenyl-d14 (S)	69	%	31-98		1	08/10/17 09:07	08/14/17 17:38	1718-51-0	
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 14:52	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 14:52	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 14:52	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 14:52	75-27-4	W
Bromoform	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 14:52	75-25-2	W
Bromomethane	**<69.9**	ug/kg	250	69.9	1	08/07/17 08:00	08/07/17 14:52	74-83-9	W
n-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 14:52	104-51-8	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 14:52	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 14:52	98-06-6	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 14:52	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 14:52	108-90-7	W
Chloroethane	**<67.0**	ug/kg	250	67.0	1	08/07/17 08:00	08/07/17 14:52	75-00-3	W
Chloroform	**<46.4**	ug/kg	250	46.4	1	08/07/17 08:00	08/07/17 14:52	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 14:52	74-87-3	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 14:52	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 14:52	106-43-4	W
1,2-Dibromo-3-chloropropane	**<91.2**	ug/kg	250	91.2	1	08/07/17 08:00	08/07/17 14:52	96-12-8	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 14:52	124-48-1	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 14:52	106-93-4	W

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1241 Bellevue Street - Suite 9
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(920)469-2436

ANALYTICAL RESULTS

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154369

Sample: SB-43 3-4' **Lab ID: 40154369013** Collected: 08/01/17 09:30 Received: 08/03/17 09:25 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 14:52	74-95-3	W
1,2-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 14:52	95-50-1	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 14:52	541-73-1	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 14:52	106-46-7	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 14:52	75-71-8	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 14:52	75-34-3	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 14:52	107-06-2	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 14:52	75-35-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 14:52	156-59-2	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 14:52	156-60-5	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 14:52	78-87-5	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 14:52	142-28-9	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 14:52	594-20-7	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 14:52	563-58-6	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 14:52	10061-01-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 14:52	10061-02-6	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 14:52	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 14:52	100-41-4	W
Hexachloro-1,3-butadiene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 14:52	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 14:52	98-82-8	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 14:52	99-87-6	W
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 14:52	75-09-2	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 14:52	1634-04-4	W
Naphthalene	**<40.0**	ug/kg	250	40.0	1	08/07/17 08:00	08/07/17 14:52	91-20-3	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 14:52	103-65-1	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 14:52	100-42-5	W
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 14:52	630-20-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 14:52	79-34-5	W
Tetrachloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 14:52	127-18-4	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 14:52	108-88-3	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 14:52	87-61-6	W
1,2,4-Trichlorobenzene	**<47.6**	ug/kg	250	47.6	1	08/07/17 08:00	08/07/17 14:52	120-82-1	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 14:52	71-55-6	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 14:52	79-00-5	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 14:52	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 14:52	75-69-4	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 14:52	96-18-4	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 14:52	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 14:52	108-67-8	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 14:52	75-01-4	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	08/07/17 08:00	08/07/17 14:52	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 14:52	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	113	%	68-130		1	08/07/17 08:00	08/07/17 14:52	1868-53-7	
Toluene-d8 (S)	117	%	68-149		1	08/07/17 08:00	08/07/17 14:52	2037-26-5	

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ANALYTICAL RESULTS

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154369

Sample: SB-43 3-4' **Lab ID: 40154369013** Collected: 08/01/17 09:30 Received: 08/03/17 09:25 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Surrogates									
4-Bromofluorobenzene (S)	105	%	58-141		1	08/07/17 08:00	08/07/17 14:52	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**21.9**	%	0.10	0.10	1		08/14/17 10:58		

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ANALYTICAL RESULTS

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154369

Sample: SB-44 2-3' **Lab ID: 40154369014** Collected: 08/01/17 10:35 Received: 08/03/17 09:25 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050								
Lead	**29.9**	mg/kg	1.3	0.42	1	08/08/17 16:20	08/09/17 17:44	7439-92-1	
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546								
Acenaphthene	**13.3J**	ug/kg	14.4	4.3	1	08/10/17 09:07	08/15/17 16:45	83-32-9	
Acenaphthylene	**4.5J**	ug/kg	12.3	3.7	1	08/10/17 09:07	08/15/17 16:45	208-96-8	
Anthracene	**25.8**	ug/kg	21.3	6.4	1	08/10/17 09:07	08/15/17 16:45	120-12-7	
Benzo(a)anthracene	**48.6**	ug/kg	11.9	3.5	1	08/10/17 09:07	08/15/17 16:45	56-55-3	
Benzo(a)pyrene	**66.7**	ug/kg	9.4	2.8	1	08/10/17 09:07	08/15/17 16:45	50-32-8	
Benzo(b)fluoranthene	**59.0**	ug/kg	10.5	3.2	1	08/10/17 09:07	08/15/17 16:45	205-99-2	
Benzo(g,h,i)perylene	**72.9**	ug/kg	7.6	2.3	1	08/10/17 09:07	08/15/17 16:45	191-24-2	
Benzo(k)fluoranthene	**58.8**	ug/kg	9.4	2.8	1	08/10/17 09:07	08/15/17 16:45	207-08-9	
Chrysene	**61.6**	ug/kg	12.5	3.8	1	08/10/17 09:07	08/15/17 16:45	218-01-9	
Dibenz(a,h)anthracene	**19.6**	ug/kg	8.3	2.5	1	08/10/17 09:07	08/15/17 16:45	53-70-3	
Fluoranthene	**130**	ug/kg	19.5	5.8	1	08/10/17 09:07	08/15/17 16:45	206-44-0	
Fluorene	**11.8J**	ug/kg	15.4	4.6	1	08/10/17 09:07	08/15/17 16:45	86-73-7	
Indeno(1,2,3-cd)pyrene	**53.7**	ug/kg	8.2	2.5	1	08/10/17 09:07	08/15/17 16:45	193-39-5	
1-Methylnaphthalene	**8.7J**	ug/kg	15.0	4.5	1	08/10/17 09:07	08/15/17 16:45	90-12-0	
2-Methylnaphthalene	**17.6J**	ug/kg	18.7	5.6	1	08/10/17 09:07	08/15/17 16:45	91-57-6	
Naphthalene	**47.0**	ug/kg	31.4	9.4	1	08/10/17 09:07	08/15/17 16:45	91-20-3	
Phenanthrene	**83.7**	ug/kg	43.4	13.0	1	08/10/17 09:07	08/15/17 16:45	85-01-8	
Pyrene	**108**	ug/kg	16.8	5.0	1	08/10/17 09:07	08/15/17 16:45	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	40	%	19-96		1	08/10/17 09:07	08/15/17 16:45	321-60-8	
Terphenyl-d14 (S)	44	%	31-98		1	08/10/17 09:07	08/15/17 16:45	1718-51-0	
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 15:15	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 15:15	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 15:15	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 15:15	75-27-4	W
Bromoform	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 15:15	75-25-2	W
Bromomethane	**<69.9**	ug/kg	250	69.9	1	08/07/17 08:00	08/07/17 15:15	74-83-9	W
n-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 15:15	104-51-8	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 15:15	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 15:15	98-06-6	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 15:15	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 15:15	108-90-7	W
Chloroethane	**<67.0**	ug/kg	250	67.0	1	08/07/17 08:00	08/07/17 15:15	75-00-3	W
Chloroform	**<46.4**	ug/kg	250	46.4	1	08/07/17 08:00	08/07/17 15:15	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 15:15	74-87-3	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 15:15	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 15:15	106-43-4	W
1,2-Dibromo-3-chloropropane	**<91.2**	ug/kg	250	91.2	1	08/07/17 08:00	08/07/17 15:15	96-12-8	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 15:15	124-48-1	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 15:15	106-93-4	W

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1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154369

Sample: SB-44 2-3' **Lab ID: 40154369014** Collected: 08/01/17 10:35 Received: 08/03/17 09:25 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 15:15	74-95-3	W
1,2-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 15:15	95-50-1	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 15:15	541-73-1	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 15:15	106-46-7	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 15:15	75-71-8	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 15:15	75-34-3	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 15:15	107-06-2	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 15:15	75-35-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 15:15	156-59-2	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 15:15	156-60-5	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 15:15	78-87-5	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 15:15	142-28-9	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 15:15	594-20-7	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 15:15	563-58-6	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 15:15	10061-01-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 15:15	10061-02-6	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 15:15	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 15:15	100-41-4	W
Hexachloro-1,3-butadiene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 15:15	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 15:15	98-82-8	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 15:15	99-87-6	W
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 15:15	75-09-2	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 15:15	1634-04-4	W
Naphthalene	**304**	ug/kg	280	44.8	1	08/07/17 08:00	08/07/17 15:15	91-20-3	
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 15:15	103-65-1	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 15:15	100-42-5	W
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 15:15	630-20-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 15:15	79-34-5	W
Tetrachloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 15:15	127-18-4	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 15:15	108-88-3	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 15:15	87-61-6	W
1,2,4-Trichlorobenzene	**<47.6**	ug/kg	250	47.6	1	08/07/17 08:00	08/07/17 15:15	120-82-1	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 15:15	71-55-6	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 15:15	79-00-5	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 15:15	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 15:15	75-69-4	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 15:15	96-18-4	W
1,2,4-Trimethylbenzene	**29.1J**	ug/kg	67.1	28.0	1	08/07/17 08:00	08/07/17 15:15	95-63-6	
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 15:15	108-67-8	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 15:15	75-01-4	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	08/07/17 08:00	08/07/17 15:15	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 15:15	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	111	%	68-130		1	08/07/17 08:00	08/07/17 15:15	1868-53-7	
Toluene-d8 (S)	114	%	68-149		1	08/07/17 08:00	08/07/17 15:15	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154369

Sample: SB-44 2-3' **Lab ID: 40154369014** Collected: 08/01/17 10:35 Received: 08/03/17 09:25 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Surrogates									
4-Bromofluorobenzene (S)	104	%	58-141		1	08/07/17 08:00	08/07/17 15:15	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**10.6**	%	0.10	0.10	1		08/14/17 10:58		

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ANALYTICAL RESULTS

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154369

Sample: SB-48 1-2' **Lab ID: 40154369015** Collected: 08/01/17 11:20 Received: 08/03/17 09:25 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB	Analytical Method: EPA 8082 Preparation Method: EPA 3541								
PCB-1016 (Aroclor 1016)	**<31.2**	ug/kg	62.3	31.2	1	08/08/17 13:03	08/10/17 14:18	12674-11-2	
PCB-1221 (Aroclor 1221)	**<31.2**	ug/kg	62.3	31.2	1	08/08/17 13:03	08/10/17 14:18	11104-28-2	
PCB-1232 (Aroclor 1232)	**<31.2**	ug/kg	62.3	31.2	1	08/08/17 13:03	08/10/17 14:18	11141-16-5	
PCB-1242 (Aroclor 1242)	**<31.2**	ug/kg	62.3	31.2	1	08/08/17 13:03	08/10/17 14:18	53469-21-9	
PCB-1248 (Aroclor 1248)	**<31.2**	ug/kg	62.3	31.2	1	08/08/17 13:03	08/10/17 14:18	12672-29-6	
PCB-1254 (Aroclor 1254)	**<31.2**	ug/kg	62.3	31.2	1	08/08/17 13:03	08/10/17 14:18	11097-69-1	
PCB-1260 (Aroclor 1260)	**<31.2**	ug/kg	62.3	31.2	1	08/08/17 13:03	08/10/17 14:18	11096-82-5	
PCB, Total	**<31.2**	ug/kg	62.3	31.2	1	08/08/17 13:03	08/10/17 14:18	1336-36-3	
Surrogates									
Tetrachloro-m-xylene (S)	73	%	50-102		1	08/08/17 13:03	08/10/17 14:18	877-09-8	
Decachlorobiphenyl (S)	81	%	53-105		1	08/08/17 13:03	08/10/17 14:18	2051-24-3	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050								
Arsenic	**6.0**	mg/kg	5.7	1.2	1	08/08/17 11:12	08/09/17 10:56	7440-38-2	
Barium	**172**	mg/kg	0.57	0.17	1	08/08/17 11:12	08/09/17 10:56	7440-39-3	
Cadmium	**<0.15**	mg/kg	0.57	0.15	1	08/08/17 11:12	08/09/17 10:56	7440-43-9	
Chromium	**23.1**	mg/kg	1.1	0.32	1	08/08/17 11:12	08/09/17 10:56	7440-47-3	
Lead	**11.0**	mg/kg	1.5	0.49	1	08/08/17 11:12	08/09/17 10:56	7439-92-1	
Selenium	**<1.3**	mg/kg	5.7	1.3	1	08/08/17 11:12	08/09/17 10:56	7782-49-2	
Silver	**<0.39**	mg/kg	1.1	0.39	1	08/08/17 11:12	08/09/17 10:56	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471								
Mercury	**0.029J**	mg/kg	0.044	0.013	1	08/14/17 07:10	08/15/17 11:53	7439-97-6	
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546								
1,2,4-Trichlorobenzene	**<23.6**	ug/kg	78.5	23.6	1	08/07/17 14:59	08/08/17 16:39	120-82-1	
1,2-Dichlorobenzene	**<65.5**	ug/kg	218	65.5	1	08/07/17 14:59	08/08/17 16:39	95-50-1	
1,3-Dichlorobenzene	**<28.9**	ug/kg	96.2	28.9	1	08/07/17 14:59	08/08/17 16:39	541-73-1	
1,4-Dichlorobenzene	**<29.0**	ug/kg	96.8	29.0	1	08/07/17 14:59	08/08/17 16:39	106-46-7	
2,2'-Oxybis(1-chloropropane)	**<53.7**	ug/kg	179	53.7	1	08/07/17 14:59	08/08/17 16:39	108-60-1	
2,4,5-Trichlorophenol	**<36.8**	ug/kg	123	36.8	1	08/07/17 14:59	08/08/17 16:39	95-95-4	
2,4,6-Trichlorophenol	**<31.8**	ug/kg	106	31.8	1	08/07/17 14:59	08/08/17 16:39	88-06-2	
2,4-Dichlorophenol	**<55.7**	ug/kg	186	55.7	1	08/07/17 14:59	08/08/17 16:39	120-83-2	
2,4-Dimethylphenol	**<41.2**	ug/kg	137	41.2	1	08/07/17 14:59	08/08/17 16:39	105-67-9	
2,4-Dinitrophenol	**<63.5**	ug/kg	212	63.5	1	08/07/17 14:59	08/08/17 16:39	51-28-5	L1
2,4-Dinitrotoluene	**<29.8**	ug/kg	99.3	29.8	1	08/07/17 14:59	08/08/17 16:39	121-14-2	
2,6-Dinitrotoluene	**<39.6**	ug/kg	132	39.6	1	08/07/17 14:59	08/08/17 16:39	606-20-2	
2-Chloronaphthalene	**<26.7**	ug/kg	89.2	26.7	1	08/07/17 14:59	08/08/17 16:39	91-58-7	
2-Chlorophenol	**<52.0**	ug/kg	173	52.0	1	08/07/17 14:59	08/08/17 16:39	95-57-8	
2-Methylnaphthalene	**<54.1**	ug/kg	180	54.1	1	08/07/17 14:59	08/08/17 16:39	91-57-6	
2-Methylphenol(o-Cresol)	**<37.9**	ug/kg	126	37.9	1	08/07/17 14:59	08/08/17 16:39	95-48-7	
2-Nitroaniline	**<59.4**	ug/kg	198	59.4	1	08/07/17 14:59	08/08/17 16:39	88-74-4	
2-Nitrophenol	**<65.8**	ug/kg	219	65.8	1	08/07/17 14:59	08/08/17 16:39	88-75-5	
3&4-Methylphenol(m&p Cresol)	**<38.2**	ug/kg	127	38.2	1	08/07/17 14:59	08/08/17 16:39		
3,3'-Dichlorobenzidine	**<56.5**	ug/kg	188	56.5	1	08/07/17 14:59	08/08/17 16:39	91-94-1	

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ANALYTICAL RESULTS

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154369

Sample: SB-48 1-2' **Lab ID: 40154369015** Collected: 08/01/17 11:20 Received: 08/03/17 09:25 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546								
3-Nitroaniline	**<35.4**	ug/kg	118	35.4	1	08/07/17 14:59	08/08/17 16:39	99-09-2	
4,6-Dinitro-2-methylphenol	**<64.2**	ug/kg	214	64.2	1	08/07/17 14:59	08/08/17 16:39	534-52-1	
4-Bromophenylphenyl ether	**<43.6**	ug/kg	145	43.6	1	08/07/17 14:59	08/08/17 16:39	101-55-3	
4-Chloro-3-methylphenol	**<64.8**	ug/kg	216	64.8	1	08/07/17 14:59	08/08/17 16:39	59-50-7	
4-Chloroaniline	**<34.2**	ug/kg	114	34.2	1	08/07/17 14:59	08/08/17 16:39	106-47-8	
4-Chlorophenylphenyl ether	**<38.8**	ug/kg	129	38.8	1	08/07/17 14:59	08/08/17 16:39	7005-72-3	
4-Nitroaniline	**<86.5**	ug/kg	288	86.5	1	08/07/17 14:59	08/08/17 16:39	100-01-6	
4-Nitrophenol	**<52.5**	ug/kg	175	52.5	1	08/07/17 14:59	08/08/17 16:39	100-02-7	
Acenaphthene	**<73.9**	ug/kg	246	73.9	1	08/07/17 14:59	08/08/17 16:39	83-32-9	
Acenaphthylene	**<74.3**	ug/kg	248	74.3	1	08/07/17 14:59	08/08/17 16:39	208-96-8	
Anthracene	**<33.3**	ug/kg	111	33.3	1	08/07/17 14:59	08/08/17 16:39	120-12-7	
Benzo(a)anthracene	**<32.3**	ug/kg	108	32.3	1	08/07/17 14:59	08/08/17 16:39	56-55-3	
Benzo(a)pyrene	**<31.3**	ug/kg	104	31.3	1	08/07/17 14:59	08/08/17 16:39	50-32-8	
Benzo(b)fluoranthene	**<35.8**	ug/kg	119	35.8	1	08/07/17 14:59	08/08/17 16:39	205-99-2	
Benzo(g,h,i)perylene	**<54.5**	ug/kg	182	54.5	1	08/07/17 14:59	08/08/17 16:39	191-24-2	
Benzo(k)fluoranthene	**<49.9**	ug/kg	166	49.9	1	08/07/17 14:59	08/08/17 16:39	207-08-9	
Butylbenzylphthalate	**<33.4**	ug/kg	111	33.4	1	08/07/17 14:59	08/08/17 16:39	85-68-7	
Carbazole	**<32.6**	ug/kg	109	32.6	1	08/07/17 14:59	08/08/17 16:39	86-74-8	
Chrysene	**<31.2**	ug/kg	104	31.2	1	08/07/17 14:59	08/08/17 16:39	218-01-9	
Di-n-butylphthalate	**<31.1**	ug/kg	104	31.1	1	08/07/17 14:59	08/08/17 16:39	84-74-2	
Di-n-octylphthalate	**<46.8**	ug/kg	156	46.8	1	08/07/17 14:59	08/08/17 16:39	117-84-0	
Dibenz(a,h)anthracene	**<56.6**	ug/kg	189	56.6	1	08/07/17 14:59	08/08/17 16:39	53-70-3	
Dibenzofuran	**<25.2**	ug/kg	84.1	25.2	1	08/07/17 14:59	08/08/17 16:39	132-64-9	
Diethylphthalate	**<34.5**	ug/kg	115	34.5	1	08/07/17 14:59	08/08/17 16:39	84-66-2	
Dimethylphthalate	**<27.1**	ug/kg	90.3	27.1	1	08/07/17 14:59	08/08/17 16:39	131-11-3	
Fluoranthene	**<29.5**	ug/kg	98.3	29.5	1	08/07/17 14:59	08/08/17 16:39	206-44-0	
Fluorene	**<24.4**	ug/kg	81.2	24.4	1	08/07/17 14:59	08/08/17 16:39	86-73-7	
Hexachloro-1,3-butadiene	**<53.1**	ug/kg	177	53.1	1	08/07/17 14:59	08/08/17 16:39	87-68-3	
Hexachlorobenzene	**<35.0**	ug/kg	117	35.0	1	08/07/17 14:59	08/08/17 16:39	118-74-1	
Hexachlorocyclopentadiene	**<49.3**	ug/kg	164	49.3	1	08/07/17 14:59	08/08/17 16:39	77-47-4	
Hexachloroethane	**<33.3**	ug/kg	111	33.3	1	08/07/17 14:59	08/08/17 16:39	67-72-1	
Indeno(1,2,3-cd)pyrene	**<45.1**	ug/kg	150	45.1	1	08/07/17 14:59	08/08/17 16:39	193-39-5	
Isophorone	**<32.0**	ug/kg	107	32.0	1	08/07/17 14:59	08/08/17 16:39	78-59-1	
N-Nitroso-di-n-propylamine	**<33.0**	ug/kg	110	33.0	1	08/07/17 14:59	08/08/17 16:39	621-64-7	
N-Nitrosodiphenylamine	**<283**	ug/kg	942	283	1	08/07/17 14:59	08/08/17 16:39	86-30-6	
Naphthalene	**<72.9**	ug/kg	243	72.9	1	08/07/17 14:59	08/08/17 16:39	91-20-3	
Nitrobenzene	**<42.3**	ug/kg	141	42.3	1	08/07/17 14:59	08/08/17 16:39	98-95-3	
Pentachlorophenol	**<45.9**	ug/kg	153	45.9	1	08/07/17 14:59	08/08/17 16:39	87-86-5	
Phenanthrene	**<26.7**	ug/kg	89.1	26.7	1	08/07/17 14:59	08/08/17 16:39	85-01-8	
Phenol	**<49.4**	ug/kg	165	49.4	1	08/07/17 14:59	08/08/17 16:39	108-95-2	
Pyrene	**<46.2**	ug/kg	154	46.2	1	08/07/17 14:59	08/08/17 16:39	129-00-0	
bis(2-Chloroethoxy)methane	**<56.1**	ug/kg	187	56.1	1	08/07/17 14:59	08/08/17 16:39	111-91-1	
bis(2-Chloroethyl) ether	**<65.0**	ug/kg	217	65.0	1	08/07/17 14:59	08/08/17 16:39	111-44-4	
bis(2-Ethylhexyl)phthalate	**<34.6**	ug/kg	115	34.6	1	08/07/17 14:59	08/08/17 16:39	117-81-7	

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Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154369

Sample: SB-48 1-2' **Lab ID: 40154369015** Collected: 08/01/17 11:20 Received: 08/03/17 09:25 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546								
Surrogates									
Nitrobenzene-d5 (S)	74	%	13-114		1	08/07/17 14:59	08/08/17 16:39	4165-60-0	
2-Fluorobiphenyl (S)	59	%	18-127		1	08/07/17 14:59	08/08/17 16:39	321-60-8	
Terphenyl-d14 (S)	74	%	41-109		1	08/07/17 14:59	08/08/17 16:39	1718-51-0	
Phenol-d6 (S)	68	%	30-97		1	08/07/17 14:59	08/08/17 16:39	13127-88-3	
2-Fluorophenol (S)	70	%	16-103		1	08/07/17 14:59	08/08/17 16:39	367-12-4	
2,4,6-Tribromophenol (S)	74	%	13-143		1	08/07/17 14:59	08/08/17 16:39	118-79-6	
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 15:38	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 15:38	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 15:38	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 15:38	75-27-4	W
Bromoform	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 15:38	75-25-2	W
Bromomethane	**<69.9**	ug/kg	250	69.9	1	08/07/17 08:00	08/07/17 15:38	74-83-9	W
n-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 15:38	104-51-8	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 15:38	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 15:38	98-06-6	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 15:38	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 15:38	108-90-7	W
Chloroethane	**<67.0**	ug/kg	250	67.0	1	08/07/17 08:00	08/07/17 15:38	75-00-3	W
Chloroform	**<46.4**	ug/kg	250	46.4	1	08/07/17 08:00	08/07/17 15:38	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 15:38	74-87-3	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 15:38	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 15:38	106-43-4	W
1,2-Dibromo-3-chloropropane	**<91.2**	ug/kg	250	91.2	1	08/07/17 08:00	08/07/17 15:38	96-12-8	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 15:38	124-48-1	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 15:38	106-93-4	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 15:38	74-95-3	W
1,2-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 15:38	95-50-1	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 15:38	541-73-1	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 15:38	106-46-7	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 15:38	75-71-8	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 15:38	75-34-3	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 15:38	107-06-2	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 15:38	75-35-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 15:38	156-59-2	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 15:38	156-60-5	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 15:38	78-87-5	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 15:38	142-28-9	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 15:38	594-20-7	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 15:38	563-58-6	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 15:38	10061-01-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 15:38	10061-02-6	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 15:38	108-20-3	W

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ANALYTICAL RESULTS

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154369

Sample: SB-48 1-2' **Lab ID: 40154369015** Collected: 08/01/17 11:20 Received: 08/03/17 09:25 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 15:38	100-41-4	W
Hexachloro-1,3-butadiene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 15:38	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 15:38	98-82-8	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 15:38	99-87-6	W
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 15:38	75-09-2	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 15:38	1634-04-4	W
Naphthalene	**<40.0**	ug/kg	250	40.0	1	08/07/17 08:00	08/07/17 15:38	91-20-3	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 15:38	103-65-1	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 15:38	100-42-5	W
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 15:38	630-20-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 15:38	79-34-5	W
Tetrachloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 15:38	127-18-4	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 15:38	108-88-3	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 15:38	87-61-6	W
1,2,4-Trichlorobenzene	**<47.6**	ug/kg	250	47.6	1	08/07/17 08:00	08/07/17 15:38	120-82-1	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 15:38	71-55-6	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 15:38	79-00-5	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 15:38	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 15:38	75-69-4	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 15:38	96-18-4	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 15:38	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 15:38	108-67-8	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 15:38	75-01-4	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	08/07/17 08:00	08/07/17 15:38	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 15:38	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	107	%	68-130		1	08/07/17 08:00	08/07/17 15:38	1868-53-7	
Toluene-d8 (S)	109	%	68-149		1	08/07/17 08:00	08/07/17 15:38	2037-26-5	
4-Bromofluorobenzene (S)	97	%	58-141		1	08/07/17 08:00	08/07/17 15:38	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**19.8**	%	0.10	0.10	1		08/14/17 10:58		

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ANALYTICAL RESULTS

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154369

Sample: SB-47 2-2.5' **Lab ID: 40154369016** Collected: 08/01/17 12:30 Received: 08/03/17 09:25 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB	Analytical Method: EPA 8082 Preparation Method: EPA 3541								
PCB-1016 (Aroclor 1016)	**<31.4**	ug/kg	62.8	31.4	1	08/08/17 13:03	08/10/17 14:39	12674-11-2	
PCB-1221 (Aroclor 1221)	**<31.4**	ug/kg	62.8	31.4	1	08/08/17 13:03	08/10/17 14:39	11104-28-2	
PCB-1232 (Aroclor 1232)	**<31.4**	ug/kg	62.8	31.4	1	08/08/17 13:03	08/10/17 14:39	11141-16-5	
PCB-1242 (Aroclor 1242)	**<31.4**	ug/kg	62.8	31.4	1	08/08/17 13:03	08/10/17 14:39	53469-21-9	
PCB-1248 (Aroclor 1248)	**<31.4**	ug/kg	62.8	31.4	1	08/08/17 13:03	08/10/17 14:39	12672-29-6	
PCB-1254 (Aroclor 1254)	**<31.4**	ug/kg	62.8	31.4	1	08/08/17 13:03	08/10/17 14:39	11097-69-1	
PCB-1260 (Aroclor 1260)	**<31.4**	ug/kg	62.8	31.4	1	08/08/17 13:03	08/10/17 14:39	11096-82-5	
PCB, Total	**<31.4**	ug/kg	62.8	31.4	1	08/08/17 13:03	08/10/17 14:39	1336-36-3	
Surrogates									
Tetrachloro-m-xylene (S)	79	%	50-102		1	08/08/17 13:03	08/10/17 14:39	877-09-8	
Decachlorobiphenyl (S)	83	%	53-105		1	08/08/17 13:03	08/10/17 14:39	2051-24-3	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050								
Arsenic	**7.4**	mg/kg	5.6	1.2	1	08/08/17 11:12	08/09/17 10:59	7440-38-2	
Barium	**4200**	mg/kg	5.6	1.7	10	08/08/17 11:12	08/09/17 17:47	7440-39-3	
Cadmium	**0.64**	mg/kg	0.56	0.15	1	08/08/17 11:12	08/09/17 10:59	7440-43-9	
Chromium	**15.3**	mg/kg	1.1	0.31	1	08/08/17 11:12	08/09/17 10:59	7440-47-3	
Lead	**93.2**	mg/kg	1.4	0.48	1	08/08/17 11:12	08/09/17 10:59	7439-92-1	
Selenium	**<1.2**	mg/kg	5.6	1.2	1	08/08/17 11:12	08/09/17 10:59	7782-49-2	
Silver	**<0.38**	mg/kg	1.1	0.38	1	08/08/17 11:12	08/09/17 10:59	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471								
Mercury	**0.044J**	mg/kg	0.046	0.014	1	08/14/17 07:10	08/15/17 11:55	7439-97-6	
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546								
1,2,4-Trichlorobenzene	**<23.7**	ug/kg	79.1	23.7	1	08/07/17 14:59	08/08/17 17:22	120-82-1	
1,2-Dichlorobenzene	**<66.0**	ug/kg	220	66.0	1	08/07/17 14:59	08/08/17 17:22	95-50-1	
1,3-Dichlorobenzene	**<29.1**	ug/kg	96.9	29.1	1	08/07/17 14:59	08/08/17 17:22	541-73-1	
1,4-Dichlorobenzene	**<29.2**	ug/kg	97.5	29.2	1	08/07/17 14:59	08/08/17 17:22	106-46-7	
2,2'-Oxybis(1-chloropropane)	**<54.1**	ug/kg	180	54.1	1	08/07/17 14:59	08/08/17 17:22	108-60-1	
2,4,5-Trichlorophenol	**<37.1**	ug/kg	124	37.1	1	08/07/17 14:59	08/08/17 17:22	95-95-4	
2,4,6-Trichlorophenol	**<32.0**	ug/kg	107	32.0	1	08/07/17 14:59	08/08/17 17:22	88-06-2	
2,4-Dichlorophenol	**<56.1**	ug/kg	187	56.1	1	08/07/17 14:59	08/08/17 17:22	120-83-2	
2,4-Dimethylphenol	**<41.5**	ug/kg	138	41.5	1	08/07/17 14:59	08/08/17 17:22	105-67-9	
2,4-Dinitrophenol	**<63.9**	ug/kg	213	63.9	1	08/07/17 14:59	08/08/17 17:22	51-28-5	L1
2,4-Dinitrotoluene	**<30.0**	ug/kg	100	30.0	1	08/07/17 14:59	08/08/17 17:22	121-14-2	
2,6-Dinitrotoluene	**<39.8**	ug/kg	133	39.8	1	08/07/17 14:59	08/08/17 17:22	606-20-2	
2-Chloronaphthalene	**<26.9**	ug/kg	89.8	26.9	1	08/07/17 14:59	08/08/17 17:22	91-58-7	
2-Chlorophenol	**<52.4**	ug/kg	175	52.4	1	08/07/17 14:59	08/08/17 17:22	95-57-8	
2-Methylnaphthalene	**<54.5**	ug/kg	182	54.5	1	08/07/17 14:59	08/08/17 17:22	91-57-6	
2-Methylphenol(o-Cresol)	**<38.1**	ug/kg	127	38.1	1	08/07/17 14:59	08/08/17 17:22	95-48-7	
2-Nitroaniline	**<59.8**	ug/kg	199	59.8	1	08/07/17 14:59	08/08/17 17:22	88-74-4	
2-Nitrophenol	**<66.2**	ug/kg	221	66.2	1	08/07/17 14:59	08/08/17 17:22	88-75-5	
3&4-Methylphenol(m&p Cresol)	**48.0J**	ug/kg	128	38.5	1	08/07/17 14:59	08/08/17 17:22		
3,3'-Dichlorobenzidine	**<56.9**	ug/kg	190	56.9	1	08/07/17 14:59	08/08/17 17:22	91-94-1	

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ANALYTICAL RESULTS

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154369

Sample: SB-47 2-2.5' **Lab ID: 40154369016** Collected: 08/01/17 12:30 Received: 08/03/17 09:25 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546								
3-Nitroaniline	**<35.7**	ug/kg	119	35.7	1	08/07/17 14:59	08/08/17 17:22	99-09-2	
4,6-Dinitro-2-methylphenol	**<64.7**	ug/kg	216	64.7	1	08/07/17 14:59	08/08/17 17:22	534-52-1	
4-Bromophenylphenyl ether	**<44.0**	ug/kg	146	44.0	1	08/07/17 14:59	08/08/17 17:22	101-55-3	
4-Chloro-3-methylphenol	**<65.3**	ug/kg	218	65.3	1	08/07/17 14:59	08/08/17 17:22	59-50-7	
4-Chloroaniline	**<34.5**	ug/kg	115	34.5	1	08/07/17 14:59	08/08/17 17:22	106-47-8	
4-Chlorophenylphenyl ether	**<39.1**	ug/kg	130	39.1	1	08/07/17 14:59	08/08/17 17:22	7005-72-3	
4-Nitroaniline	**<87.1**	ug/kg	290	87.1	1	08/07/17 14:59	08/08/17 17:22	100-01-6	
4-Nitrophenol	**<52.8**	ug/kg	176	52.8	1	08/07/17 14:59	08/08/17 17:22	100-02-7	
Acenaphthene	**<74.4**	ug/kg	248	74.4	1	08/07/17 14:59	08/08/17 17:22	83-32-9	
Acenaphthylene	**<74.9**	ug/kg	250	74.9	1	08/07/17 14:59	08/08/17 17:22	208-96-8	
Anthracene	**<33.5**	ug/kg	112	33.5	1	08/07/17 14:59	08/08/17 17:22	120-12-7	
Benzo(a)anthracene	**51.1J**	ug/kg	108	32.5	1	08/07/17 14:59	08/08/17 17:22	56-55-3	
Benzo(a)pyrene	**55.7J**	ug/kg	105	31.6	1	08/07/17 14:59	08/08/17 17:22	50-32-8	
Benzo(b)fluoranthene	**69.9J**	ug/kg	120	36.1	1	08/07/17 14:59	08/08/17 17:22	205-99-2	
Benzo(g,h,i)perylene	**87.9J**	ug/kg	183	54.9	1	08/07/17 14:59	08/08/17 17:22	191-24-2	
Benzo(k)fluoranthene	**<50.2**	ug/kg	167	50.2	1	08/07/17 14:59	08/08/17 17:22	207-08-9	
Butylbenzylphthalate	**<33.7**	ug/kg	112	33.7	1	08/07/17 14:59	08/08/17 17:22	85-68-7	
Carbazole	**<32.9**	ug/kg	110	32.9	1	08/07/17 14:59	08/08/17 17:22	86-74-8	
Chrysene	**65.4J**	ug/kg	105	31.4	1	08/07/17 14:59	08/08/17 17:22	218-01-9	
Di-n-butylphthalate	**<31.4**	ug/kg	105	31.4	1	08/07/17 14:59	08/08/17 17:22	84-74-2	
Di-n-octylphthalate	**<47.2**	ug/kg	157	47.2	1	08/07/17 14:59	08/08/17 17:22	117-84-0	
Dibenz(a,h)anthracene	**<57.0**	ug/kg	190	57.0	1	08/07/17 14:59	08/08/17 17:22	53-70-3	
Dibenzofuran	**<25.4**	ug/kg	84.7	25.4	1	08/07/17 14:59	08/08/17 17:22	132-64-9	
Diethylphthalate	**<34.8**	ug/kg	116	34.8	1	08/07/17 14:59	08/08/17 17:22	84-66-2	
Dimethylphthalate	**<27.3**	ug/kg	91.0	27.3	1	08/07/17 14:59	08/08/17 17:22	131-11-3	
Fluoranthene	**77.3J**	ug/kg	99.0	29.7	1	08/07/17 14:59	08/08/17 17:22	206-44-0	
Fluorene	**<24.5**	ug/kg	81.8	24.5	1	08/07/17 14:59	08/08/17 17:22	86-73-7	
Hexachloro-1,3-butadiene	**<53.5**	ug/kg	178	53.5	1	08/07/17 14:59	08/08/17 17:22	87-68-3	
Hexachlorobenzene	**<35.3**	ug/kg	118	35.3	1	08/07/17 14:59	08/08/17 17:22	118-74-1	
Hexachlorocyclopentadiene	**<49.7**	ug/kg	166	49.7	1	08/07/17 14:59	08/08/17 17:22	77-47-4	
Hexachloroethane	**<33.6**	ug/kg	112	33.6	1	08/07/17 14:59	08/08/17 17:22	67-72-1	
Indeno(1,2,3-cd)pyrene	**45.6J**	ug/kg	151	45.4	1	08/07/17 14:59	08/08/17 17:22	193-39-5	
Isophorone	**<32.3**	ug/kg	108	32.3	1	08/07/17 14:59	08/08/17 17:22	78-59-1	
N-Nitroso-di-n-propylamine	**<33.3**	ug/kg	111	33.3	1	08/07/17 14:59	08/08/17 17:22	621-64-7	
N-Nitrosodiphenylamine	**<285**	ug/kg	949	285	1	08/07/17 14:59	08/08/17 17:22	86-30-6	
Naphthalene	**<73.4**	ug/kg	245	73.4	1	08/07/17 14:59	08/08/17 17:22	91-20-3	
Nitrobenzene	**<42.6**	ug/kg	142	42.6	1	08/07/17 14:59	08/08/17 17:22	98-95-3	
Pentachlorophenol	**<46.2**	ug/kg	154	46.2	1	08/07/17 14:59	08/08/17 17:22	87-86-5	
Phenanthrene	**51.0J**	ug/kg	89.7	26.9	1	08/07/17 14:59	08/08/17 17:22	85-01-8	
Phenol	**<49.8**	ug/kg	166	49.8	1	08/07/17 14:59	08/08/17 17:22	108-95-2	
Pyrene	**85.3J**	ug/kg	155	46.5	1	08/07/17 14:59	08/08/17 17:22	129-00-0	
bis(2-Chloroethoxy)methane	**<56.5**	ug/kg	188	56.5	1	08/07/17 14:59	08/08/17 17:22	111-91-1	
bis(2-Chloroethyl) ether	**<65.5**	ug/kg	218	65.5	1	08/07/17 14:59	08/08/17 17:22	111-44-4	
bis(2-Ethylhexyl)phthalate	**467**	ug/kg	116	34.9	1	08/07/17 14:59	08/08/17 17:22	117-81-7	

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1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154369

Sample: SB-47 2-2.5' **Lab ID: 40154369016** Collected: 08/01/17 12:30 Received: 08/03/17 09:25 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546								
Surrogates									
Nitrobenzene-d5 (S)	69	%	13-114		1	08/07/17 14:59	08/08/17 17:22	4165-60-0	
2-Fluorobiphenyl (S)	67	%	18-127		1	08/07/17 14:59	08/08/17 17:22	321-60-8	
Terphenyl-d14 (S)	77	%	41-109		1	08/07/17 14:59	08/08/17 17:22	1718-51-0	
Phenol-d6 (S)	68	%	30-97		1	08/07/17 14:59	08/08/17 17:22	13127-88-3	
2-Fluorophenol (S)	67	%	16-103		1	08/07/17 14:59	08/08/17 17:22	367-12-4	
2,4,6-Tribromophenol (S)	88	%	13-143		1	08/07/17 14:59	08/08/17 17:22	118-79-6	
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 16:00	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 16:00	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 16:00	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 16:00	75-27-4	W
Bromoform	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 16:00	75-25-2	W
Bromomethane	**<69.9**	ug/kg	250	69.9	1	08/07/17 08:00	08/07/17 16:00	74-83-9	W
n-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 16:00	104-51-8	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 16:00	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 16:00	98-06-6	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 16:00	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 16:00	108-90-7	W
Chloroethane	**<67.0**	ug/kg	250	67.0	1	08/07/17 08:00	08/07/17 16:00	75-00-3	W
Chloroform	**<46.4**	ug/kg	250	46.4	1	08/07/17 08:00	08/07/17 16:00	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 16:00	74-87-3	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 16:00	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 16:00	106-43-4	W
1,2-Dibromo-3-chloropropane	**<91.2**	ug/kg	250	91.2	1	08/07/17 08:00	08/07/17 16:00	96-12-8	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 16:00	124-48-1	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 16:00	106-93-4	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 16:00	74-95-3	W
1,2-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 16:00	95-50-1	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 16:00	541-73-1	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 16:00	106-46-7	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 16:00	75-71-8	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 16:00	75-34-3	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 16:00	107-06-2	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 16:00	75-35-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 16:00	156-59-2	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 16:00	156-60-5	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 16:00	78-87-5	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 16:00	142-28-9	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 16:00	594-20-7	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 16:00	563-58-6	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 16:00	10061-01-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 16:00	10061-02-6	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 16:00	108-20-3	W

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ANALYTICAL RESULTS

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154369

Sample: SB-47 2-2.5' **Lab ID: 40154369016** Collected: 08/01/17 12:30 Received: 08/03/17 09:25 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 16:00	100-41-4	W
Hexachloro-1,3-butadiene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 16:00	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 16:00	98-82-8	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 16:00	99-87-6	W
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 16:00	75-09-2	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 16:00	1634-04-4	W
Naphthalene	**<40.0**	ug/kg	250	40.0	1	08/07/17 08:00	08/07/17 16:00	91-20-3	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 16:00	103-65-1	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 16:00	100-42-5	W
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 16:00	630-20-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 16:00	79-34-5	W
Tetrachloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 16:00	127-18-4	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 16:00	108-88-3	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 16:00	87-61-6	W
1,2,4-Trichlorobenzene	**<47.6**	ug/kg	250	47.6	1	08/07/17 08:00	08/07/17 16:00	120-82-1	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 16:00	71-55-6	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 16:00	79-00-5	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 16:00	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 16:00	75-69-4	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 16:00	96-18-4	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 16:00	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 16:00	108-67-8	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 16:00	75-01-4	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	08/07/17 08:00	08/07/17 16:00	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:00	08/07/17 16:00	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	116	%	68-130		1	08/07/17 08:00	08/07/17 16:00	1868-53-7	
Toluene-d8 (S)	126	%	68-149		1	08/07/17 08:00	08/07/17 16:00	2037-26-5	
4-Bromofluorobenzene (S)	110	%	58-141		1	08/07/17 08:00	08/07/17 16:00	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**20.4**	%	0.10	0.10	1		08/14/17 10:58		

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ANALYTICAL RESULTS

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154369

Sample: SB-20-S **Lab ID: 40154369017** Collected: 07/31/17 14:15 Received: 08/03/17 09:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**11.3J**	ug/L	25.0	8.3	1	08/08/17 08:17	08/08/17 15:43	7440-38-2	
Barium	**164**	ug/L	5.0	1.5	1	08/08/17 08:17	08/08/17 15:43	7440-39-3	
Cadmium	**<1.3**	ug/L	5.0	1.3	1	08/08/17 08:17	08/08/17 15:43	7440-43-9	
Chromium	**6.8J**	ug/L	10.0	2.5	1	08/08/17 08:17	08/08/17 15:43	7440-47-3	
Lead	**<4.3**	ug/L	13.0	4.3	1	08/08/17 08:17	08/08/17 15:43	7439-92-1	
Selenium	**<16.6**	ug/L	50.0	16.6	1	08/08/17 08:17	08/08/17 15:43	7782-49-2	
Silver	**<3.3**	ug/L	10.0	3.3	1	08/08/17 08:17	08/08/17 15:43	7440-22-4	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**<0.13**	ug/L	0.42	0.13	1	08/11/17 10:35	08/14/17 09:47	7439-97-6	
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510								
1,2,4-Trichlorobenzene	**<1.9**	ug/L	6.5	1.9	1	08/07/17 08:15	08/08/17 13:25	120-82-1	
1,2-Dichlorobenzene	**<1.8**	ug/L	6.1	1.8	1	08/07/17 08:15	08/08/17 13:25	95-50-1	
1,3-Dichlorobenzene	**<1.8**	ug/L	6.0	1.8	1	08/07/17 08:15	08/08/17 13:25	541-73-1	
1,4-Dichlorobenzene	**<1.8**	ug/L	6.0	1.8	1	08/07/17 08:15	08/08/17 13:25	106-46-7	
2,2'-Oxybis(1-chloropropane)	**<1.5**	ug/L	4.8	1.5	1	08/07/17 08:15	08/08/17 13:25	108-60-1	
2,4,5-Trichlorophenol	**<0.80**	ug/L	2.7	0.80	1	08/07/17 08:15	08/08/17 13:25	95-95-4	
2,4,6-Trichlorophenol	**<2.0**	ug/L	6.7	2.0	1	08/07/17 08:15	08/08/17 13:25	88-06-2	
2,4-Dichlorophenol	**<1.3**	ug/L	4.3	1.3	1	08/07/17 08:15	08/08/17 13:25	120-83-2	
2,4-Dimethylphenol	**<1.2**	ug/L	4.0	1.2	1	08/07/17 08:15	08/08/17 13:25	105-67-9	
2,4-Dinitrophenol	**<0.68**	ug/L	2.3	0.68	1	08/07/17 08:15	08/08/17 13:25	51-28-5	
2,4-Dinitrotoluene	**<0.75**	ug/L	2.5	0.75	1	08/07/17 08:15	08/08/17 13:25	121-14-2	
2,6-Dinitrotoluene	**<0.57**	ug/L	1.9	0.57	1	08/07/17 08:15	08/08/17 13:25	606-20-2	
2-Chloronaphthalene	**<1.6**	ug/L	5.2	1.6	1	08/07/17 08:15	08/08/17 13:25	91-58-7	
2-Chlorophenol	**<1.1**	ug/L	3.7	1.1	1	08/07/17 08:15	08/08/17 13:25	95-57-8	
2-Methylnaphthalene	**<1.4**	ug/L	4.8	1.4	1	08/07/17 08:15	08/08/17 13:25	91-57-6	
2-Methylphenol(o-Cresol)	**<0.83**	ug/L	2.8	0.83	1	08/07/17 08:15	08/08/17 13:25	95-48-7	
2-Nitroaniline	**<0.74**	ug/L	2.5	0.74	1	08/07/17 08:15	08/08/17 13:25	88-74-4	
2-Nitrophenol	**<1.1**	ug/L	3.7	1.1	1	08/07/17 08:15	08/08/17 13:25	88-75-5	
3&4-Methylphenol(m&p Cresol)	**<1.5**	ug/L	5.0	1.5	1	08/07/17 08:15	08/08/17 13:25		
3,3'-Dichlorobenzidine	**<0.86**	ug/L	2.9	0.86	1	08/07/17 08:15	08/08/17 13:25	91-94-1	
3-Nitroaniline	**<0.92**	ug/L	3.1	0.92	1	08/07/17 08:15	08/08/17 13:25	99-09-2	
4,6-Dinitro-2-methylphenol	**<0.62**	ug/L	2.1	0.62	1	08/07/17 08:15	08/08/17 13:25	534-52-1	
4-Bromophenylphenyl ether	**<1.9**	ug/L	6.3	1.9	1	08/07/17 08:15	08/08/17 13:25	101-55-3	
4-Chloro-3-methylphenol	**<1.6**	ug/L	5.4	1.6	1	08/07/17 08:15	08/08/17 13:25	59-50-7	
4-Chloroaniline	**<1.0**	ug/L	3.5	1.0	1	08/07/17 08:15	08/08/17 13:25	106-47-8	
4-Chlorophenylphenyl ether	**<0.78**	ug/L	2.6	0.78	1	08/07/17 08:15	08/08/17 13:25	7005-72-3	
4-Nitroaniline	**<1.7**	ug/L	5.8	1.7	1	08/07/17 08:15	08/08/17 13:25	100-01-6	
4-Nitrophenol	**<1.0**	ug/L	3.3	1.0	1	08/07/17 08:15	08/08/17 13:25	100-02-7	
Acenaphthene	**<1.3**	ug/L	4.3	1.3	1	08/07/17 08:15	08/08/17 13:25	83-32-9	
Acenaphthylene	**<1.0**	ug/L	3.4	1.0	1	08/07/17 08:15	08/08/17 13:25	208-96-8	
Anthracene	**<1.7**	ug/L	5.7	1.7	1	08/07/17 08:15	08/08/17 13:25	120-12-7	
Benzo(a)anthracene	**<0.51**	ug/L	1.7	0.51	1	08/07/17 08:15	08/08/17 13:25	56-55-3	
Benzo(a)pyrene	**<1.8**	ug/L	6.0	1.8	1	08/07/17 08:15	08/08/17 13:25	50-32-8	
Benzo(b)fluoranthene	**<0.62**	ug/L	2.1	0.62	1	08/07/17 08:15	08/08/17 13:25	205-99-2	

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(920)469-2436

ANALYTICAL RESULTS

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154369

Sample: SB-20-S **Lab ID: 40154369017** Collected: 07/31/17 14:15 Received: 08/03/17 09:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510								
Benzo(g,h,i)perylene	**<0.77**	ug/L	2.6	0.77	1	08/07/17 08:15	08/08/17 13:25	191-24-2	
Benzo(k)fluoranthene	**<0.95**	ug/L	3.2	0.95	1	08/07/17 08:15	08/08/17 13:25	207-08-9	
Butylbenzylphthalate	**<0.74**	ug/L	2.5	0.74	1	08/07/17 08:15	08/08/17 13:25	85-68-7	
Carbazole	**<0.71**	ug/L	2.4	0.71	1	08/07/17 08:15	08/08/17 13:25	86-74-8	
Chrysene	**<1.7**	ug/L	5.5	1.7	1	08/07/17 08:15	08/08/17 13:25	218-01-9	
Di-n-butylphthalate	**<2.4**	ug/L	8.1	2.4	1	08/07/17 08:15	08/08/17 13:25	84-74-2	
Di-n-octylphthalate	**<1.8**	ug/L	6.0	1.8	1	08/07/17 08:15	08/08/17 13:25	117-84-0	
Dibenz(a,h)anthracene	**<1.3**	ug/L	4.2	1.3	1	08/07/17 08:15	08/08/17 13:25	53-70-3	
Dibenzofuran	**<0.73**	ug/L	2.4	0.73	1	08/07/17 08:15	08/08/17 13:25	132-64-9	
Diethylphthalate	**<1.0**	ug/L	3.4	1.0	1	08/07/17 08:15	08/08/17 13:25	84-66-2	
Dimethylphthalate	**<1.8**	ug/L	6.1	1.8	1	08/07/17 08:15	08/08/17 13:25	131-11-3	
Fluoranthene	**<0.54**	ug/L	1.8	0.54	1	08/07/17 08:15	08/08/17 13:25	206-44-0	
Fluorene	**<0.71**	ug/L	2.4	0.71	1	08/07/17 08:15	08/08/17 13:25	86-73-7	
Hexachloro-1,3-butadiene	**<2.3**	ug/L	7.8	2.3	1	08/07/17 08:15	08/08/17 13:25	87-68-3	
Hexachlorobenzene	**<1.6**	ug/L	5.4	1.6	1	08/07/17 08:15	08/08/17 13:25	118-74-1	
Hexachlorocyclopentadiene	**<0.65**	ug/L	2.2	0.65	1	08/07/17 08:15	08/08/17 13:25	77-47-4	
Hexachloroethane	**<2.5**	ug/L	8.4	2.5	1	08/07/17 08:15	08/08/17 13:25	67-72-1	
Indeno(1,2,3-cd)pyrene	**<1.4**	ug/L	4.8	1.4	1	08/07/17 08:15	08/08/17 13:25	193-39-5	
Isophorone	**<0.70**	ug/L	2.3	0.70	1	08/07/17 08:15	08/08/17 13:25	78-59-1	
N-Nitroso-di-n-propylamine	**<0.92**	ug/L	3.1	0.92	1	08/07/17 08:15	08/08/17 13:25	621-64-7	
N-Nitrosodiphenylamine	**<3.4**	ug/L	11.2	3.4	1	08/07/17 08:15	08/08/17 13:25	86-30-6	
Naphthalene	**<1.8**	ug/L	6.0	1.8	1	08/07/17 08:15	08/08/17 13:25	91-20-3	
Nitrobenzene	**<1.4**	ug/L	4.6	1.4	1	08/07/17 08:15	08/08/17 13:25	98-95-3	
Pentachlorophenol	**<1.4**	ug/L	4.6	1.4	1	08/07/17 08:15	08/08/17 13:25	87-86-5	
Phenanthrene	**<1.7**	ug/L	5.8	1.7	1	08/07/17 08:15	08/08/17 13:25	85-01-8	
Phenol	**<0.57**	ug/L	1.9	0.57	1	08/07/17 08:15	08/08/17 13:25	108-95-2	
Pyrene	**<1.3**	ug/L	4.3	1.3	1	08/07/17 08:15	08/08/17 13:25	129-00-0	
bis(2-Chloroethoxy)methane	**<0.95**	ug/L	3.2	0.95	1	08/07/17 08:15	08/08/17 13:25	111-91-1	
bis(2-Chloroethyl) ether	**<1.5**	ug/L	5.0	1.5	1	08/07/17 08:15	08/08/17 13:25	111-44-4	
bis(2-Ethylhexyl)phthalate	**<0.66**	ug/L	2.2	0.66	1	08/07/17 08:15	08/08/17 13:25	117-81-7	
Surrogates									
Nitrobenzene-d5 (S)	90	%	53-100		1	08/07/17 08:15	08/08/17 13:25	4165-60-0	
2-Fluorobiphenyl (S)	74	%	59-109		1	08/07/17 08:15	08/08/17 13:25	321-60-8	
Terphenyl-d14 (S)	94	%	59-108		1	08/07/17 08:15	08/08/17 13:25	1718-51-0	
Phenol-d6 (S)	30	%	18-120		1	08/07/17 08:15	08/08/17 13:25	13127-88-3	
2-Fluorophenol (S)	45	%	27-67		1	08/07/17 08:15	08/08/17 13:25	367-12-4	
2,4,6-Tribromophenol (S)	84	%	65-140		1	08/07/17 08:15	08/08/17 13:25	118-79-6	
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 12:52	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		08/08/17 12:52	108-86-1	
Bromochloromethane	**<0.34**	ug/L	1.0	0.34	1		08/08/17 12:52	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		08/08/17 12:52	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		08/08/17 12:52	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		08/08/17 12:52	74-83-9	
n-Butylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 12:52	104-51-8	

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ANALYTICAL RESULTS

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154369

Sample: SB-20-S **Lab ID: 40154369017** Collected: 07/31/17 14:15 Received: 08/03/17 09:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		08/08/17 12:52	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		08/08/17 12:52	98-06-6	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		08/08/17 12:52	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 12:52	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		08/08/17 12:52	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		08/08/17 12:52	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		08/08/17 12:52	74-87-3	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 12:52	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		08/08/17 12:52	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		08/08/17 12:52	96-12-8	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		08/08/17 12:52	124-48-1	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		08/08/17 12:52	106-93-4	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		08/08/17 12:52	74-95-3	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 12:52	95-50-1	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 12:52	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 12:52	106-46-7	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		08/08/17 12:52	75-71-8	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		08/08/17 12:52	75-34-3	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		08/08/17 12:52	107-06-2	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		08/08/17 12:52	75-35-4	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		08/08/17 12:52	156-59-2	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		08/08/17 12:52	156-60-5	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		08/08/17 12:52	78-87-5	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		08/08/17 12:52	142-28-9	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		08/08/17 12:52	594-20-7	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		08/08/17 12:52	563-58-6	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 12:52	10061-01-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		08/08/17 12:52	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		08/08/17 12:52	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 12:52	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		08/08/17 12:52	87-68-3	
Isopropylbenzene (Cumene)	**<0.14**	ug/L	1.0	0.14	1		08/08/17 12:52	98-82-8	
p-Isopropyltoluene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 12:52	99-87-6	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		08/08/17 12:52	75-09-2	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		08/08/17 12:52	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		08/08/17 12:52	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 12:52	103-65-1	
Styrene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 12:52	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		08/08/17 12:52	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.25**	ug/L	1.0	0.25	1		08/08/17 12:52	79-34-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 12:52	127-18-4	
Toluene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 12:52	108-88-3	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		08/08/17 12:52	87-61-6	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		08/08/17 12:52	120-82-1	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		08/08/17 12:52	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		08/08/17 12:52	79-00-5	

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ANALYTICAL RESULTS

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154369

Sample: SB-20-S **Lab ID: 40154369017** Collected: 07/31/17 14:15 Received: 08/03/17 09:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		08/08/17 12:52	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		08/08/17 12:52	75-69-4	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		08/08/17 12:52	96-18-4	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 12:52	95-63-6	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 12:52	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		08/08/17 12:52	75-01-4	
m&p-Xylene	**<1.0**	ug/L	2.0	1.0	1		08/08/17 12:52	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 12:52	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	90	%	61-130		1		08/08/17 12:52	460-00-4	
Dibromofluoromethane (S)	96	%	67-130		1		08/08/17 12:52	1868-53-7	
Toluene-d8 (S)	89	%	70-130		1		08/08/17 12:52	2037-26-5	

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ANALYTICAL RESULTS

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154369

Sample: SB-21-S **Lab ID: 40154369018** Collected: 07/31/17 15:00 Received: 08/03/17 09:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**21.4J**	ug/L	25.0	8.3	1	08/08/17 08:17	08/08/17 15:50	7440-38-2	
Barium	**226**	ug/L	5.0	1.5	1	08/08/17 08:17	08/08/17 15:50	7440-39-3	
Cadmium	**2.6J**	ug/L	5.0	1.3	1	08/08/17 08:17	08/08/17 15:50	7440-43-9	
Chromium	**40.5**	ug/L	10.0	2.5	1	08/08/17 08:17	08/08/17 15:50	7440-47-3	
Lead	**50.8**	ug/L	13.0	4.3	1	08/08/17 08:17	08/08/17 15:50	7439-92-1	
Selenium	**<16.6**	ug/L	50.0	16.6	1	08/08/17 08:17	08/08/17 15:50	7782-49-2	
Silver	**<3.3**	ug/L	10.0	3.3	1	08/08/17 08:17	08/08/17 15:50	7440-22-4	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**<0.13**	ug/L	0.42	0.13	1	08/11/17 10:35	08/14/17 09:49	7439-97-6	
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510								
1,2,4-Trichlorobenzene	**<2.0**	ug/L	6.6	2.0	1	08/07/17 08:15	08/14/17 12:34	120-82-1	
1,2-Dichlorobenzene	**<1.9**	ug/L	6.2	1.9	1	08/07/17 08:15	08/14/17 12:34	95-50-1	
1,3-Dichlorobenzene	**<1.8**	ug/L	6.1	1.8	1	08/07/17 08:15	08/14/17 12:34	541-73-1	
1,4-Dichlorobenzene	**<1.8**	ug/L	6.1	1.8	1	08/07/17 08:15	08/14/17 12:34	106-46-7	
2,2'-Oxybis(1-chloropropane)	**<1.5**	ug/L	4.9	1.5	1	08/07/17 08:15	08/14/17 12:34	108-60-1	
2,4,5-Trichlorophenol	**<0.82**	ug/L	2.7	0.82	1	08/07/17 08:15	08/14/17 12:34	95-95-4	
2,4,6-Trichlorophenol	**<2.1**	ug/L	6.8	2.1	1	08/07/17 08:15	08/14/17 12:34	88-06-2	
2,4-Dichlorophenol	**<1.3**	ug/L	4.4	1.3	1	08/07/17 08:15	08/14/17 12:34	120-83-2	
2,4-Dimethylphenol	**<1.2**	ug/L	4.1	1.2	1	08/07/17 08:15	08/14/17 12:34	105-67-9	
2,4-Dinitrophenol	**<0.69**	ug/L	2.3	0.69	1	08/07/17 08:15	08/14/17 12:34	51-28-5	
2,4-Dinitrotoluene	**<0.77**	ug/L	2.6	0.77	1	08/07/17 08:15	08/14/17 12:34	121-14-2	
2,6-Dinitrotoluene	**<0.59**	ug/L	2.0	0.59	1	08/07/17 08:15	08/14/17 12:34	606-20-2	
2-Chloronaphthalene	**<1.6**	ug/L	5.3	1.6	1	08/07/17 08:15	08/14/17 12:34	91-58-7	
2-Chlorophenol	**<1.1**	ug/L	3.7	1.1	1	08/07/17 08:15	08/14/17 12:34	95-57-8	
2-Methylnaphthalene	**<1.5**	ug/L	4.9	1.5	1	08/07/17 08:15	08/14/17 12:34	91-57-6	
2-Methylphenol(o-Cresol)	**<0.84**	ug/L	2.8	0.84	1	08/07/17 08:15	08/14/17 12:34	95-48-7	
2-Nitroaniline	**<0.75**	ug/L	2.5	0.75	1	08/07/17 08:15	08/14/17 12:34	88-74-4	
2-Nitrophenol	**<1.1**	ug/L	3.8	1.1	1	08/07/17 08:15	08/14/17 12:34	88-75-5	
3&4-Methylphenol(m&p Cresol)	**<1.5**	ug/L	5.1	1.5	1	08/07/17 08:15	08/14/17 12:34		
3,3'-Dichlorobenzidine	**<0.88**	ug/L	2.9	0.88	1	08/07/17 08:15	08/14/17 12:34	91-94-1	
3-Nitroaniline	**<0.94**	ug/L	3.1	0.94	1	08/07/17 08:15	08/14/17 12:34	99-09-2	
4,6-Dinitro-2-methylphenol	**<0.63**	ug/L	2.1	0.63	1	08/07/17 08:15	08/14/17 12:34	534-52-1	
4-Bromophenylphenyl ether	**<1.9**	ug/L	6.4	1.9	1	08/07/17 08:15	08/14/17 12:34	101-55-3	
4-Chloro-3-methylphenol	**<1.6**	ug/L	5.5	1.6	1	08/07/17 08:15	08/14/17 12:34	59-50-7	
4-Chloroaniline	**<1.1**	ug/L	3.6	1.1	1	08/07/17 08:15	08/14/17 12:34	106-47-8	
4-Chlorophenylphenyl ether	**<0.80**	ug/L	2.7	0.80	1	08/07/17 08:15	08/14/17 12:34	7005-72-3	
4-Nitroaniline	**<1.8**	ug/L	5.9	1.8	1	08/07/17 08:15	08/14/17 12:34	100-01-6	
4-Nitrophenol	**<1.0**	ug/L	3.4	1.0	1	08/07/17 08:15	08/14/17 12:34	100-02-7	
Acenaphthene	**<1.3**	ug/L	4.3	1.3	1	08/07/17 08:15	08/14/17 12:34	83-32-9	
Acenaphthylene	**<1.0**	ug/L	3.4	1.0	1	08/07/17 08:15	08/14/17 12:34	208-96-8	
Anthracene	**<1.8**	ug/L	5.8	1.8	1	08/07/17 08:15	08/14/17 12:34	120-12-7	
Benzo(a)anthracene	**<0.52**	ug/L	1.7	0.52	1	08/07/17 08:15	08/14/17 12:34	56-55-3	
Benzo(a)pyrene	**<1.8**	ug/L	6.1	1.8	1	08/07/17 08:15	08/14/17 12:34	50-32-8	
Benzo(b)fluoranthene	**<0.63**	ug/L	2.1	0.63	1	08/07/17 08:15	08/14/17 12:34	205-99-2	

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1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154369

Sample: SB-21-S **Lab ID: 40154369018** Collected: 07/31/17 15:00 Received: 08/03/17 09:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510								
Benzo(g,h,i)perylene	**<0.79**	ug/L	2.6	0.79	1	08/07/17 08:15	08/14/17 12:34	191-24-2	
Benzo(k)fluoranthene	**<0.97**	ug/L	3.2	0.97	1	08/07/17 08:15	08/14/17 12:34	207-08-9	
Butylbenzylphthalate	**<0.75**	ug/L	2.5	0.75	1	08/07/17 08:15	08/14/17 12:34	85-68-7	
Carbazole	**<0.73**	ug/L	2.4	0.73	1	08/07/17 08:15	08/14/17 12:34	86-74-8	
Chrysene	**<1.7**	ug/L	5.6	1.7	1	08/07/17 08:15	08/14/17 12:34	218-01-9	
Di-n-butylphthalate	**<2.5**	ug/L	8.3	2.5	1	08/07/17 08:15	08/14/17 12:34	84-74-2	
Di-n-octylphthalate	**<1.8**	ug/L	6.1	1.8	1	08/07/17 08:15	08/14/17 12:34	117-84-0	
Dibenz(a,h)anthracene	**<1.3**	ug/L	4.3	1.3	1	08/07/17 08:15	08/14/17 12:34	53-70-3	
Dibenzofuran	**<0.75**	ug/L	2.5	0.75	1	08/07/17 08:15	08/14/17 12:34	132-64-9	
Diethylphthalate	**<1.1**	ug/L	3.5	1.1	1	08/07/17 08:15	08/14/17 12:34	84-66-2	
Dimethylphthalate	**<1.9**	ug/L	6.2	1.9	1	08/07/17 08:15	08/14/17 12:34	131-11-3	
Fluoranthene	**<0.55**	ug/L	1.8	0.55	1	08/07/17 08:15	08/14/17 12:34	206-44-0	
Fluorene	**<0.73**	ug/L	2.4	0.73	1	08/07/17 08:15	08/14/17 12:34	86-73-7	
Hexachloro-1,3-butadiene	**<2.4**	ug/L	8.0	2.4	1	08/07/17 08:15	08/14/17 12:34	87-68-3	
Hexachlorobenzene	**<1.6**	ug/L	5.5	1.6	1	08/07/17 08:15	08/14/17 12:34	118-74-1	
Hexachlorocyclopentadiene	**<0.66**	ug/L	2.2	0.66	1	08/07/17 08:15	08/14/17 12:34	77-47-4	
Hexachloroethane	**<2.6**	ug/L	8.6	2.6	1	08/07/17 08:15	08/14/17 12:34	67-72-1	
Indeno(1,2,3-cd)pyrene	**<1.5**	ug/L	4.8	1.5	1	08/07/17 08:15	08/14/17 12:34	193-39-5	
Isophorone	**<0.71**	ug/L	2.4	0.71	1	08/07/17 08:15	08/14/17 12:34	78-59-1	
N-Nitroso-di-n-propylamine	**<0.94**	ug/L	3.1	0.94	1	08/07/17 08:15	08/14/17 12:34	621-64-7	
N-Nitrosodiphenylamine	**<3.4**	ug/L	11.4	3.4	1	08/07/17 08:15	08/14/17 12:34	86-30-6	
Naphthalene	**<1.8**	ug/L	6.1	1.8	1	08/07/17 08:15	08/14/17 12:34	91-20-3	
Nitrobenzene	**<1.4**	ug/L	4.7	1.4	1	08/07/17 08:15	08/14/17 12:34	98-95-3	
Pentachlorophenol	**<1.4**	ug/L	4.6	1.4	1	08/07/17 08:15	08/14/17 12:34	87-86-5	
Phenanthrene	**<1.8**	ug/L	5.9	1.8	1	08/07/17 08:15	08/14/17 12:34	85-01-8	
Phenol	**<0.58**	ug/L	1.9	0.58	1	08/07/17 08:15	08/14/17 12:34	108-95-2	
Pyrene	**<1.3**	ug/L	4.4	1.3	1	08/07/17 08:15	08/14/17 12:34	129-00-0	
bis(2-Chloroethoxy)methane	**<0.97**	ug/L	3.2	0.97	1	08/07/17 08:15	08/14/17 12:34	111-91-1	
bis(2-Chloroethyl) ether	**<1.5**	ug/L	5.1	1.5	1	08/07/17 08:15	08/14/17 12:34	111-44-4	
bis(2-Ethylhexyl)phthalate	**<0.67**	ug/L	2.2	0.67	1	08/07/17 08:15	08/14/17 12:34	117-81-7	
Surrogates									
Nitrobenzene-d5 (S)	36	%	53-100		1	08/07/17 08:15	08/14/17 12:34	4165-60-0	1q,S0
2-Fluorobiphenyl (S)	17	%	59-109		1	08/07/17 08:15	08/14/17 12:34	321-60-8	1q,S0
Terphenyl-d14 (S)	42	%	59-108		1	08/07/17 08:15	08/14/17 12:34	1718-51-0	1q,S0
Phenol-d6 (S)	19	%	18-120		1	08/07/17 08:15	08/14/17 12:34	13127-88-3	
2-Fluorophenol (S)	28	%	27-67		1	08/07/17 08:15	08/14/17 12:34	367-12-4	
2,4,6-Tribromophenol (S)	20	%	65-140		1	08/07/17 08:15	08/14/17 12:34	118-79-6	1q,S0
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 13:14	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		08/08/17 13:14	108-86-1	
Bromochloromethane	**<0.34**	ug/L	1.0	0.34	1		08/08/17 13:14	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		08/08/17 13:14	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		08/08/17 13:14	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		08/08/17 13:14	74-83-9	
n-Butylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 13:14	104-51-8	

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ANALYTICAL RESULTS

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154369

Sample: SB-21-S **Lab ID: 40154369018** Collected: 07/31/17 15:00 Received: 08/03/17 09:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		08/08/17 13:14	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		08/08/17 13:14	98-06-6	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		08/08/17 13:14	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 13:14	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		08/08/17 13:14	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		08/08/17 13:14	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		08/08/17 13:14	74-87-3	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 13:14	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		08/08/17 13:14	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		08/08/17 13:14	96-12-8	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		08/08/17 13:14	124-48-1	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		08/08/17 13:14	106-93-4	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		08/08/17 13:14	74-95-3	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 13:14	95-50-1	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 13:14	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 13:14	106-46-7	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		08/08/17 13:14	75-71-8	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		08/08/17 13:14	75-34-3	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		08/08/17 13:14	107-06-2	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		08/08/17 13:14	75-35-4	
cis-1,2-Dichloroethene	**0.47J**	ug/L	1.0	0.26	1		08/08/17 13:14	156-59-2	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		08/08/17 13:14	156-60-5	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		08/08/17 13:14	78-87-5	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		08/08/17 13:14	142-28-9	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		08/08/17 13:14	594-20-7	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		08/08/17 13:14	563-58-6	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 13:14	10061-01-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		08/08/17 13:14	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		08/08/17 13:14	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 13:14	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		08/08/17 13:14	87-68-3	
Isopropylbenzene (Cumene)	**<0.14**	ug/L	1.0	0.14	1		08/08/17 13:14	98-82-8	
p-Isopropyltoluene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 13:14	99-87-6	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		08/08/17 13:14	75-09-2	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		08/08/17 13:14	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		08/08/17 13:14	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 13:14	103-65-1	
Styrene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 13:14	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		08/08/17 13:14	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.25**	ug/L	1.0	0.25	1		08/08/17 13:14	79-34-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 13:14	127-18-4	
Toluene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 13:14	108-88-3	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		08/08/17 13:14	87-61-6	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		08/08/17 13:14	120-82-1	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		08/08/17 13:14	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		08/08/17 13:14	79-00-5	

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ANALYTICAL RESULTS

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154369

Sample: SB-21-S **Lab ID: 40154369018** Collected: 07/31/17 15:00 Received: 08/03/17 09:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		08/08/17 13:14	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		08/08/17 13:14	75-69-4	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		08/08/17 13:14	96-18-4	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 13:14	95-63-6	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 13:14	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		08/08/17 13:14	75-01-4	
m&p-Xylene	**<1.0**	ug/L	2.0	1.0	1		08/08/17 13:14	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 13:14	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	85	%	61-130		1		08/08/17 13:14	460-00-4	
Dibromofluoromethane (S)	104	%	67-130		1		08/08/17 13:14	1868-53-7	
Toluene-d8 (S)	95	%	70-130		1		08/08/17 13:14	2037-26-5	

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ANALYTICAL RESULTS

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154369

Sample: SB-42-S **Lab ID: 40154369019** Collected: 07/31/17 15:45 Received: 08/03/17 09:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Lead	**<4.3**	ug/L	13.0	4.3	1	08/08/17 08:17	08/08/17 15:52	7439-92-1	
8270 MSSV PAH by HVI	Analytical Method: EPA 8270 by HVI Preparation Method: EPA 3510								
Acenaphthene	**0.0069J**	ug/L	0.027	0.0055	1	08/04/17 08:13	08/04/17 20:47	83-32-9	
Acenaphthylene	**0.0066J**	ug/L	0.022	0.0045	1	08/04/17 08:13	08/04/17 20:47	208-96-8	
Anthracene	**<0.0094**	ug/L	0.047	0.0094	1	08/04/17 08:13	08/04/17 20:47	120-12-7	
Benzo(a)anthracene	**<0.0068**	ug/L	0.034	0.0068	1	08/04/17 08:13	08/04/17 20:47	56-55-3	
Benzo(a)pyrene	**<0.0095**	ug/L	0.047	0.0095	1	08/04/17 08:13	08/04/17 20:47	50-32-8	
Benzo(b)fluoranthene	**0.013J**	ug/L	0.026	0.0052	1	08/04/17 08:13	08/04/17 20:47	205-99-2	
Benzo(g,h,i)perylene	**0.0097J**	ug/L	0.031	0.0061	1	08/04/17 08:13	08/04/17 20:47	191-24-2	
Benzo(k)fluoranthene	**0.015J**	ug/L	0.034	0.0068	1	08/04/17 08:13	08/04/17 20:47	207-08-9	
Chrysene	**0.030J**	ug/L	0.059	0.012	1	08/04/17 08:13	08/04/17 20:47	218-01-9	
Dibenz(a,h)anthracene	**<0.0090**	ug/L	0.045	0.0090	1	08/04/17 08:13	08/04/17 20:47	53-70-3	
Fluoranthene	**0.031J**	ug/L	0.048	0.0096	1	08/04/17 08:13	08/04/17 20:47	206-44-0	
Fluorene	**0.012J**	ug/L	0.036	0.0072	1	08/04/17 08:13	08/04/17 20:47	86-73-7	
Indeno(1,2,3-cd)pyrene	**<0.016**	ug/L	0.079	0.016	1	08/04/17 08:13	08/04/17 20:47	193-39-5	
1-Methylnaphthalene	**0.032**	ug/L	0.027	0.0053	1	08/04/17 08:13	08/04/17 20:47	90-12-0	
2-Methylnaphthalene	**0.046**	ug/L	0.022	0.0044	1	08/04/17 08:13	08/04/17 20:47	91-57-6	
Naphthalene	**0.042J**	ug/L	0.083	0.017	1	08/04/17 08:13	08/04/17 20:47	91-20-3	
Phenanthrene	**0.034J**	ug/L	0.062	0.012	1	08/04/17 08:13	08/04/17 20:47	85-01-8	
Pyrene	**0.043**	ug/L	0.034	0.0069	1	08/04/17 08:13	08/04/17 20:47	129-00-0	B
Surrogates									
2-Fluorobiphenyl (S)	47	%	35-84		1	08/04/17 08:13	08/04/17 20:47	321-60-8	
Terphenyl-d14 (S)	71	%	10-129		1	08/04/17 08:13	08/04/17 20:47	1718-51-0	
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 13:37	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		08/08/17 13:37	108-86-1	
Bromochloromethane	**<0.34**	ug/L	1.0	0.34	1		08/08/17 13:37	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		08/08/17 13:37	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		08/08/17 13:37	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		08/08/17 13:37	74-83-9	
n-Butylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 13:37	104-51-8	
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		08/08/17 13:37	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		08/08/17 13:37	98-06-6	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		08/08/17 13:37	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 13:37	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		08/08/17 13:37	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		08/08/17 13:37	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		08/08/17 13:37	74-87-3	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 13:37	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		08/08/17 13:37	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		08/08/17 13:37	96-12-8	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		08/08/17 13:37	124-48-1	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		08/08/17 13:37	106-93-4	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		08/08/17 13:37	74-95-3	

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ANALYTICAL RESULTS

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154369

Sample: SB-42-S **Lab ID: 40154369019** Collected: 07/31/17 15:45 Received: 08/03/17 09:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 13:37	95-50-1	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 13:37	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 13:37	106-46-7	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		08/08/17 13:37	75-71-8	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		08/08/17 13:37	75-34-3	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		08/08/17 13:37	107-06-2	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		08/08/17 13:37	75-35-4	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		08/08/17 13:37	156-59-2	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		08/08/17 13:37	156-60-5	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		08/08/17 13:37	78-87-5	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		08/08/17 13:37	142-28-9	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		08/08/17 13:37	594-20-7	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		08/08/17 13:37	563-58-6	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 13:37	10061-01-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		08/08/17 13:37	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		08/08/17 13:37	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 13:37	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		08/08/17 13:37	87-68-3	
Isopropylbenzene (Cumene)	**<0.14**	ug/L	1.0	0.14	1		08/08/17 13:37	98-82-8	
p-Isopropyltoluene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 13:37	99-87-6	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		08/08/17 13:37	75-09-2	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		08/08/17 13:37	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		08/08/17 13:37	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 13:37	103-65-1	
Styrene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 13:37	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		08/08/17 13:37	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.25**	ug/L	1.0	0.25	1		08/08/17 13:37	79-34-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 13:37	127-18-4	
Toluene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 13:37	108-88-3	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		08/08/17 13:37	87-61-6	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		08/08/17 13:37	120-82-1	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		08/08/17 13:37	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		08/08/17 13:37	79-00-5	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		08/08/17 13:37	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		08/08/17 13:37	75-69-4	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		08/08/17 13:37	96-18-4	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 13:37	95-63-6	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 13:37	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		08/08/17 13:37	75-01-4	
m&p-Xylene	**<1.0**	ug/L	2.0	1.0	1		08/08/17 13:37	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 13:37	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	93	%	61-130		1		08/08/17 13:37	460-00-4	
Dibromofluoromethane (S)	101	%	67-130		1		08/08/17 13:37	1868-53-7	
Toluene-d8 (S)	92	%	70-130		1		08/08/17 13:37	2037-26-5	

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ANALYTICAL RESULTS

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154369

Sample: SB-3-S **Lab ID: 40154369020** Collected: 07/31/17 16:30 Received: 08/03/17 09:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Lead	**370**	ug/L	13.0	4.3	1	08/08/17 08:17	08/08/17 15:55	7439-92-1	
8270 MSSV PAH by HVI	Analytical Method: EPA 8270 by HVI Preparation Method: EPA 3510								
Acenaphthene	**0.50J**	ug/L	0.70	0.14	25	08/04/17 08:13	08/04/17 18:53	83-32-9	
Acenaphthylene	**0.12J**	ug/L	0.58	0.12	25	08/04/17 08:13	08/04/17 18:53	208-96-8	
Anthracene	**<0.24**	ug/L	1.2	0.24	25	08/04/17 08:13	08/04/17 18:53	120-12-7	
Benzo(a)anthracene	**<0.17**	ug/L	0.87	0.17	25	08/04/17 08:13	08/04/17 18:53	56-55-3	
Benzo(a)pyrene	**<0.24**	ug/L	1.2	0.24	25	08/04/17 08:13	08/04/17 18:53	50-32-8	
Benzo(b)fluoranthene	**<0.13**	ug/L	0.66	0.13	25	08/04/17 08:13	08/04/17 18:53	205-99-2	
Benzo(g,h,i)perylene	**<0.16**	ug/L	0.78	0.16	25	08/04/17 08:13	08/04/17 18:53	191-24-2	
Benzo(k)fluoranthene	**<0.17**	ug/L	0.87	0.17	25	08/04/17 08:13	08/04/17 18:53	207-08-9	
Chrysene	**<0.30**	ug/L	1.5	0.30	25	08/04/17 08:13	08/04/17 18:53	218-01-9	
Dibenz(a,h)anthracene	**<0.23**	ug/L	1.2	0.23	25	08/04/17 08:13	08/04/17 18:53	53-70-3	
Fluoranthene	**0.61J**	ug/L	1.2	0.25	25	08/04/17 08:13	08/04/17 18:53	206-44-0	
Fluorene	**0.55J**	ug/L	0.92	0.18	25	08/04/17 08:13	08/04/17 18:53	86-73-7	
Indeno(1,2,3-cd)pyrene	**<0.41**	ug/L	2.0	0.41	25	08/04/17 08:13	08/04/17 18:53	193-39-5	
1-Methylnaphthalene	**34.7**	ug/L	0.68	0.14	25	08/04/17 08:13	08/04/17 18:53	90-12-0	
2-Methylnaphthalene	**83.0**	ug/L	0.57	0.11	25	08/04/17 08:13	08/04/17 18:53	91-57-6	
Naphthalene	**182**	ug/L	2.1	0.42	25	08/04/17 08:13	08/04/17 18:53	91-20-3	
Phenanthrene	**0.83J**	ug/L	1.6	0.32	25	08/04/17 08:13	08/04/17 18:53	85-01-8	
Pyrene	**0.75J**	ug/L	0.89	0.18	25	08/04/17 08:13	08/04/17 18:53	129-00-0	B
Surrogates									
2-Fluorobiphenyl (S)	20	%	35-84		25	08/04/17 08:13	08/04/17 18:53	321-60-8	S4
Terphenyl-d14 (S)	13	%	10-129		25	08/04/17 08:13	08/04/17 18:53	1718-51-0	
8260 MSV	Analytical Method: EPA 8260								
Benzene	**197**	ug/L	5.0	2.5	5		08/09/17 02:10	71-43-2	
Bromobenzene	**<1.2**	ug/L	5.0	1.2	5		08/09/17 02:10	108-86-1	
Bromochloromethane	**<1.7**	ug/L	5.0	1.7	5		08/09/17 02:10	74-97-5	
Bromodichloromethane	**<2.5**	ug/L	5.0	2.5	5		08/09/17 02:10	75-27-4	
Bromoform	**<2.5**	ug/L	5.0	2.5	5		08/09/17 02:10	75-25-2	
Bromomethane	**<12.2**	ug/L	25.0	12.2	5		08/09/17 02:10	74-83-9	
n-Butylbenzene	**81.4**	ug/L	5.0	2.5	5		08/09/17 02:10	104-51-8	
sec-Butylbenzene	**20.9J**	ug/L	25.0	10.9	5		08/09/17 02:10	135-98-8	
tert-Butylbenzene	**<0.90**	ug/L	5.0	0.90	5		08/09/17 02:10	98-06-6	
Carbon tetrachloride	**<2.5**	ug/L	5.0	2.5	5		08/09/17 02:10	56-23-5	
Chlorobenzene	**<2.5**	ug/L	5.0	2.5	5		08/09/17 02:10	108-90-7	
Chloroethane	**<1.9**	ug/L	5.0	1.9	5		08/09/17 02:10	75-00-3	
Chloroform	**<12.5**	ug/L	25.0	12.5	5		08/09/17 02:10	67-66-3	
Chloromethane	**<2.5**	ug/L	5.0	2.5	5		08/09/17 02:10	74-87-3	
2-Chlorotoluene	**<2.5**	ug/L	5.0	2.5	5		08/09/17 02:10	95-49-8	
4-Chlorotoluene	**<1.1**	ug/L	5.0	1.1	5		08/09/17 02:10	106-43-4	
1,2-Dibromo-3-chloropropane	**<10.8**	ug/L	25.0	10.8	5		08/09/17 02:10	96-12-8	
Dibromochloromethane	**<2.5**	ug/L	5.0	2.5	5		08/09/17 02:10	124-48-1	
1,2-Dibromoethane (EDB)	**<0.89**	ug/L	5.0	0.89	5		08/09/17 02:10	106-93-4	
Dibromomethane	**<2.1**	ug/L	5.0	2.1	5		08/09/17 02:10	74-95-3	

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ANALYTICAL RESULTS

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154369

Sample: SB-3-S **Lab ID: 40154369020** Collected: 07/31/17 16:30 Received: 08/03/17 09:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,2-Dichlorobenzene	**<2.5**	ug/L	5.0	2.5	5		08/09/17 02:10	95-50-1	
1,3-Dichlorobenzene	**<2.5**	ug/L	5.0	2.5	5		08/09/17 02:10	541-73-1	
1,4-Dichlorobenzene	**<2.5**	ug/L	5.0	2.5	5		08/09/17 02:10	106-46-7	
Dichlorodifluoromethane	**<1.1**	ug/L	5.0	1.1	5		08/09/17 02:10	75-71-8	
1,1-Dichloroethane	**<1.2**	ug/L	5.0	1.2	5		08/09/17 02:10	75-34-3	
1,2-Dichloroethane	**<0.84**	ug/L	5.0	0.84	5		08/09/17 02:10	107-06-2	
1,1-Dichloroethene	**<2.1**	ug/L	5.0	2.1	5		08/09/17 02:10	75-35-4	
cis-1,2-Dichloroethene	**<1.3**	ug/L	5.0	1.3	5		08/09/17 02:10	156-59-2	
trans-1,2-Dichloroethene	**<1.3**	ug/L	5.0	1.3	5		08/09/17 02:10	156-60-5	
1,2-Dichloropropane	**<1.2**	ug/L	5.0	1.2	5		08/09/17 02:10	78-87-5	
1,3-Dichloropropane	**<2.5**	ug/L	5.0	2.5	5		08/09/17 02:10	142-28-9	
2,2-Dichloropropane	**<2.4**	ug/L	5.0	2.4	5		08/09/17 02:10	594-20-7	
1,1-Dichloropropene	**<2.2**	ug/L	5.0	2.2	5		08/09/17 02:10	563-58-6	
cis-1,3-Dichloropropene	**<2.5**	ug/L	5.0	2.5	5		08/09/17 02:10	10061-01-5	
trans-1,3-Dichloropropene	**<1.1**	ug/L	5.0	1.1	5		08/09/17 02:10	10061-02-6	
Diisopropyl ether	**<2.5**	ug/L	5.0	2.5	5		08/09/17 02:10	108-20-3	
Ethylbenzene	**357**	ug/L	5.0	2.5	5		08/09/17 02:10	100-41-4	
Hexachloro-1,3-butadiene	**<10.5**	ug/L	25.0	10.5	5		08/09/17 02:10	87-68-3	
Isopropylbenzene (Cumene)	**61.2**	ug/L	5.0	0.72	5		08/09/17 02:10	98-82-8	
p-Isopropyltoluene	**<2.5**	ug/L	5.0	2.5	5		08/09/17 02:10	99-87-6	
Methylene Chloride	**<1.2**	ug/L	5.0	1.2	5		08/09/17 02:10	75-09-2	
Methyl-tert-butyl ether	**<0.87**	ug/L	5.0	0.87	5		08/09/17 02:10	1634-04-4	
Naphthalene	**780**	ug/L	25.0	12.5	5		08/09/17 02:10	91-20-3	
n-Propylbenzene	**167**	ug/L	5.0	2.5	5		08/09/17 02:10	103-65-1	
Styrene	**<2.5**	ug/L	5.0	2.5	5		08/09/17 02:10	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.90**	ug/L	5.0	0.90	5		08/09/17 02:10	630-20-6	
1,1,2,2-Tetrachloroethane	**<1.2**	ug/L	5.0	1.2	5		08/09/17 02:10	79-34-5	
Tetrachloroethene	**<2.5**	ug/L	5.0	2.5	5		08/09/17 02:10	127-18-4	
Toluene	**54.0**	ug/L	5.0	2.5	5		08/09/17 02:10	108-88-3	
1,2,3-Trichlorobenzene	**<10.7**	ug/L	25.0	10.7	5		08/09/17 02:10	87-61-6	
1,2,4-Trichlorobenzene	**<11.0**	ug/L	25.0	11.0	5		08/09/17 02:10	120-82-1	
1,1,1-Trichloroethane	**<2.5**	ug/L	5.0	2.5	5		08/09/17 02:10	71-55-6	
1,1,2-Trichloroethane	**<0.99**	ug/L	5.0	0.99	5		08/09/17 02:10	79-00-5	
Trichloroethene	**<1.7**	ug/L	5.0	1.7	5		08/09/17 02:10	79-01-6	
Trichlorofluoromethane	**<0.92**	ug/L	5.0	0.92	5		08/09/17 02:10	75-69-4	
1,2,3-Trichloropropane	**<2.5**	ug/L	5.0	2.5	5		08/09/17 02:10	96-18-4	
1,2,4-Trimethylbenzene	**440**	ug/L	5.0	2.5	5		08/09/17 02:10	95-63-6	
1,3,5-Trimethylbenzene	**150**	ug/L	5.0	2.5	5		08/09/17 02:10	108-67-8	
Vinyl chloride	**<0.88**	ug/L	5.0	0.88	5		08/09/17 02:10	75-01-4	
m&p-Xylene	**1150**	ug/L	10.0	5.0	5		08/09/17 02:10	179601-23-1	
o-Xylene	**181**	ug/L	5.0	2.5	5		08/09/17 02:10	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	93	%	61-130		5		08/09/17 02:10	460-00-4	
Dibromofluoromethane (S)	91	%	67-130		5		08/09/17 02:10	1868-53-7	
Toluene-d8 (S)	96	%	70-130		5		08/09/17 02:10	2037-26-5	

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ANALYTICAL RESULTS

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154369

Sample: SB-5-S **Lab ID: 40154369021** Collected: 07/31/17 17:25 Received: 08/03/17 09:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Lead	**29.8**	ug/L	13.0	4.3	1	08/08/17 08:17	08/08/17 16:02	7439-92-1	
8270 MSSV PAH by HVI	Analytical Method: EPA 8270 by HVI Preparation Method: EPA 3510								
Acenaphthene	**0.36**	ug/L	0.27	0.055	10	08/04/17 08:13	08/04/17 19:09	83-32-9	
Acenaphthylene	**0.091J**	ug/L	0.22	0.045	10	08/04/17 08:13	08/04/17 19:09	208-96-8	
Anthracene	**<0.094**	ug/L	0.47	0.094	10	08/04/17 08:13	08/04/17 19:09	120-12-7	
Benzo(a)anthracene	**0.13J**	ug/L	0.34	0.068	10	08/04/17 08:13	08/04/17 19:09	56-55-3	
Benzo(a)pyrene	**0.40J**	ug/L	0.47	0.095	10	08/04/17 08:13	08/04/17 19:09	50-32-8	
Benzo(b)fluoranthene	**0.41**	ug/L	0.26	0.052	10	08/04/17 08:13	08/04/17 19:09	205-99-2	
Benzo(g,h,i)perylene	**0.22J**	ug/L	0.31	0.061	10	08/04/17 08:13	08/04/17 19:09	191-24-2	
Benzo(k)fluoranthene	**0.40**	ug/L	0.34	0.068	10	08/04/17 08:13	08/04/17 19:09	207-08-9	
Chrysene	**1.0**	ug/L	0.59	0.12	10	08/04/17 08:13	08/04/17 19:09	218-01-9	
Dibenz(a,h)anthracene	**<0.090**	ug/L	0.45	0.090	10	08/04/17 08:13	08/04/17 19:09	53-70-3	
Fluoranthene	**2.1**	ug/L	0.48	0.096	10	08/04/17 08:13	08/04/17 19:09	206-44-0	
Fluorene	**0.78**	ug/L	0.36	0.072	10	08/04/17 08:13	08/04/17 19:09	86-73-7	
Indeno(1,2,3-cd)pyrene	**<0.16**	ug/L	0.79	0.16	10	08/04/17 08:13	08/04/17 19:09	193-39-5	
1-Methylnaphthalene	**5.5**	ug/L	0.27	0.053	10	08/04/17 08:13	08/04/17 19:09	90-12-0	
2-Methylnaphthalene	**9.5**	ug/L	0.22	0.044	10	08/04/17 08:13	08/04/17 19:09	91-57-6	
Naphthalene	**90.0**	ug/L	0.83	0.17	10	08/04/17 08:13	08/04/17 19:09	91-20-3	
Phenanthrene	**2.8**	ug/L	0.62	0.12	10	08/04/17 08:13	08/04/17 19:09	85-01-8	
Pyrene	**1.9**	ug/L	0.34	0.069	10	08/04/17 08:13	08/04/17 19:09	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	21	%	35-84		10	08/04/17 08:13	08/04/17 19:09	321-60-8	2q,S0
Terphenyl-d14 (S)	10	%	10-129		10	08/04/17 08:13	08/04/17 19:09	1718-51-0	
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<5.0**	ug/L	10.0	5.0	10		08/09/17 02:33	71-43-2	
Bromobenzene	**<2.3**	ug/L	10.0	2.3	10		08/09/17 02:33	108-86-1	
Bromochloromethane	**<3.4**	ug/L	10.0	3.4	10		08/09/17 02:33	74-97-5	
Bromodichloromethane	**<5.0**	ug/L	10.0	5.0	10		08/09/17 02:33	75-27-4	
Bromoform	**<5.0**	ug/L	10.0	5.0	10		08/09/17 02:33	75-25-2	
Bromomethane	**<24.3**	ug/L	50.0	24.3	10		08/09/17 02:33	74-83-9	
n-Butylbenzene	**69.7**	ug/L	10.0	5.0	10		08/09/17 02:33	104-51-8	
sec-Butylbenzene	**47.5J**	ug/L	50.0	21.9	10		08/09/17 02:33	135-98-8	
tert-Butylbenzene	**4.5J**	ug/L	10.0	1.8	10		08/09/17 02:33	98-06-6	
Carbon tetrachloride	**<5.0**	ug/L	10.0	5.0	10		08/09/17 02:33	56-23-5	
Chlorobenzene	**<5.0**	ug/L	10.0	5.0	10		08/09/17 02:33	108-90-7	
Chloroethane	**<3.7**	ug/L	10.0	3.7	10		08/09/17 02:33	75-00-3	
Chloroform	**<25.0**	ug/L	50.0	25.0	10		08/09/17 02:33	67-66-3	
Chloromethane	**<5.0**	ug/L	10.0	5.0	10		08/09/17 02:33	74-87-3	
2-Chlorotoluene	**<5.0**	ug/L	10.0	5.0	10		08/09/17 02:33	95-49-8	
4-Chlorotoluene	**<2.1**	ug/L	10.0	2.1	10		08/09/17 02:33	106-43-4	
1,2-Dibromo-3-chloropropane	**<21.6**	ug/L	50.0	21.6	10		08/09/17 02:33	96-12-8	
Dibromochloromethane	**<5.0**	ug/L	10.0	5.0	10		08/09/17 02:33	124-48-1	
1,2-Dibromoethane (EDB)	**<1.8**	ug/L	10.0	1.8	10		08/09/17 02:33	106-93-4	
Dibromomethane	**<4.3**	ug/L	10.0	4.3	10		08/09/17 02:33	74-95-3	

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1241 Bellevue Street - Suite 9
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ANALYTICAL RESULTS

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154369

Sample: SB-5-S **Lab ID: 40154369021** Collected: 07/31/17 17:25 Received: 08/03/17 09:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,2-Dichlorobenzene	**<5.0**	ug/L	10.0	5.0	10		08/09/17 02:33	95-50-1	
1,3-Dichlorobenzene	**<5.0**	ug/L	10.0	5.0	10		08/09/17 02:33	541-73-1	
1,4-Dichlorobenzene	**<5.0**	ug/L	10.0	5.0	10		08/09/17 02:33	106-46-7	
Dichlorodifluoromethane	**<2.2**	ug/L	10.0	2.2	10		08/09/17 02:33	75-71-8	
1,1-Dichloroethane	**<2.4**	ug/L	10.0	2.4	10		08/09/17 02:33	75-34-3	
1,2-Dichloroethane	**<1.7**	ug/L	10.0	1.7	10		08/09/17 02:33	107-06-2	
1,1-Dichloroethene	**<4.1**	ug/L	10.0	4.1	10		08/09/17 02:33	75-35-4	
cis-1,2-Dichloroethene	**<2.6**	ug/L	10.0	2.6	10		08/09/17 02:33	156-59-2	
trans-1,2-Dichloroethene	**<2.6**	ug/L	10.0	2.6	10		08/09/17 02:33	156-60-5	
1,2-Dichloropropane	**<2.3**	ug/L	10.0	2.3	10		08/09/17 02:33	78-87-5	
1,3-Dichloropropane	**<5.0**	ug/L	10.0	5.0	10		08/09/17 02:33	142-28-9	
2,2-Dichloropropane	**<4.8**	ug/L	10.0	4.8	10		08/09/17 02:33	594-20-7	
1,1-Dichloropropene	**<4.4**	ug/L	10.0	4.4	10		08/09/17 02:33	563-58-6	
cis-1,3-Dichloropropene	**<5.0**	ug/L	10.0	5.0	10		08/09/17 02:33	10061-01-5	
trans-1,3-Dichloropropene	**<2.3**	ug/L	10.0	2.3	10		08/09/17 02:33	10061-02-6	
Diisopropyl ether	**<5.0**	ug/L	10.0	5.0	10		08/09/17 02:33	108-20-3	
Ethylbenzene	**23.8**	ug/L	10.0	5.0	10		08/09/17 02:33	100-41-4	
Hexachloro-1,3-butadiene	**<21.1**	ug/L	50.0	21.1	10		08/09/17 02:33	87-68-3	
Isopropylbenzene (Cumene)	**41.5**	ug/L	10.0	1.4	10		08/09/17 02:33	98-82-8	
p-Isopropyltoluene	**<5.0**	ug/L	10.0	5.0	10		08/09/17 02:33	99-87-6	
Methylene Chloride	**<2.3**	ug/L	10.0	2.3	10		08/09/17 02:33	75-09-2	
Methyl-tert-butyl ether	**<1.7**	ug/L	10.0	1.7	10		08/09/17 02:33	1634-04-4	
Naphthalene	**191**	ug/L	50.0	25.0	10		08/09/17 02:33	91-20-3	
n-Propylbenzene	**112**	ug/L	10.0	5.0	10		08/09/17 02:33	103-65-1	
Styrene	**<5.0**	ug/L	10.0	5.0	10		08/09/17 02:33	100-42-5	
1,1,1,2-Tetrachloroethane	**<1.8**	ug/L	10.0	1.8	10		08/09/17 02:33	630-20-6	
1,1,2,2-Tetrachloroethane	**<2.5**	ug/L	10.0	2.5	10		08/09/17 02:33	79-34-5	
Tetrachloroethene	**<5.0**	ug/L	10.0	5.0	10		08/09/17 02:33	127-18-4	
Toluene	**<5.0**	ug/L	10.0	5.0	10		08/09/17 02:33	108-88-3	
1,2,3-Trichlorobenzene	**<21.3**	ug/L	50.0	21.3	10		08/09/17 02:33	87-61-6	
1,2,4-Trichlorobenzene	**<22.1**	ug/L	50.0	22.1	10		08/09/17 02:33	120-82-1	
1,1,1-Trichloroethane	**<5.0**	ug/L	10.0	5.0	10		08/09/17 02:33	71-55-6	
1,1,2-Trichloroethane	**<2.0**	ug/L	10.0	2.0	10		08/09/17 02:33	79-00-5	
Trichloroethene	**<3.3**	ug/L	10.0	3.3	10		08/09/17 02:33	79-01-6	
Trichlorofluoromethane	**<1.8**	ug/L	10.0	1.8	10		08/09/17 02:33	75-69-4	
1,2,3-Trichloropropane	**<5.0**	ug/L	10.0	5.0	10		08/09/17 02:33	96-18-4	
1,2,4-Trimethylbenzene	**65.5**	ug/L	10.0	5.0	10		08/09/17 02:33	95-63-6	
1,3,5-Trimethylbenzene	**126**	ug/L	10.0	5.0	10		08/09/17 02:33	108-67-8	
Vinyl chloride	**<1.8**	ug/L	10.0	1.8	10		08/09/17 02:33	75-01-4	
m&p-Xylene	**12.0J**	ug/L	20.0	10.0	10		08/09/17 02:33	179601-23-1	
o-Xylene	**<5.0**	ug/L	10.0	5.0	10		08/09/17 02:33	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	92	%	61-130		10		08/09/17 02:33	460-00-4	
Dibromofluoromethane (S)	94	%	67-130		10		08/09/17 02:33	1868-53-7	
Toluene-d8 (S)	96	%	70-130		10		08/09/17 02:33	2037-26-5	

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ANALYTICAL RESULTS

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154369

Sample: SB-4-S **Lab ID: 40154369022** Collected: 07/31/17 18:00 Received: 08/03/17 09:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Lead	**123**	ug/L	13.0	4.3	1	08/08/17 08:17	08/08/17 16:04	7439-92-1	
8270 MSSV PAH by HVI	Analytical Method: EPA 8270 by HVI Preparation Method: EPA 3510								
Acenaphthene	**0.0074J**	ug/L	0.028	0.0055	1	08/04/17 08:13	08/04/17 21:03	83-32-9	
Acenaphthylene	**0.0073J**	ug/L	0.023	0.0045	1	08/04/17 08:13	08/04/17 21:03	208-96-8	
Anthracene	**0.012J**	ug/L	0.048	0.0095	1	08/04/17 08:13	08/04/17 21:03	120-12-7	
Benzo(a)anthracene	**0.0070J**	ug/L	0.034	0.0069	1	08/04/17 08:13	08/04/17 21:03	56-55-3	
Benzo(a)pyrene	**0.032J**	ug/L	0.048	0.0096	1	08/04/17 08:13	08/04/17 21:03	50-32-8	
Benzo(b)fluoranthene	**0.045**	ug/L	0.026	0.0052	1	08/04/17 08:13	08/04/17 21:03	205-99-2	
Benzo(g,h,i)perylene	**0.028J**	ug/L	0.031	0.0062	1	08/04/17 08:13	08/04/17 21:03	191-24-2	
Benzo(k)fluoranthene	**0.033J**	ug/L	0.034	0.0069	1	08/04/17 08:13	08/04/17 21:03	207-08-9	
Chrysene	**0.067**	ug/L	0.059	0.012	1	08/04/17 08:13	08/04/17 21:03	218-01-9	
Dibenz(a,h)anthracene	**<0.0091**	ug/L	0.046	0.0091	1	08/04/17 08:13	08/04/17 21:03	53-70-3	
Fluoranthene	**0.081**	ug/L	0.048	0.0097	1	08/04/17 08:13	08/04/17 21:03	206-44-0	
Fluorene	**<0.0072**	ug/L	0.036	0.0072	1	08/04/17 08:13	08/04/17 21:03	86-73-7	
Indeno(1,2,3-cd)pyrene	**0.026J**	ug/L	0.080	0.016	1	08/04/17 08:13	08/04/17 21:03	193-39-5	
1-Methylnaphthalene	**<0.0054**	ug/L	0.027	0.0054	1	08/04/17 08:13	08/04/17 21:03	90-12-0	
2-Methylnaphthalene	**<0.0045**	ug/L	0.022	0.0045	1	08/04/17 08:13	08/04/17 21:03	91-57-6	
Naphthalene	**<0.017**	ug/L	0.083	0.017	1	08/04/17 08:13	08/04/17 21:03	91-20-3	
Phenanthrene	**0.041J**	ug/L	0.063	0.013	1	08/04/17 08:13	08/04/17 21:03	85-01-8	
Pyrene	**0.090**	ug/L	0.035	0.0070	1	08/04/17 08:13	08/04/17 21:03	129-00-0	B
Surrogates									
2-Fluorobiphenyl (S)	40	%	35-84		1	08/04/17 08:13	08/04/17 21:03	321-60-8	
Terphenyl-d14 (S)	59	%	10-129		1	08/04/17 08:13	08/04/17 21:03	1718-51-0	
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 14:00	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		08/08/17 14:00	108-86-1	
Bromochloromethane	**<0.34**	ug/L	1.0	0.34	1		08/08/17 14:00	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		08/08/17 14:00	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		08/08/17 14:00	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		08/08/17 14:00	74-83-9	
n-Butylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 14:00	104-51-8	
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		08/08/17 14:00	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		08/08/17 14:00	98-06-6	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		08/08/17 14:00	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 14:00	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		08/08/17 14:00	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		08/08/17 14:00	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		08/08/17 14:00	74-87-3	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 14:00	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		08/08/17 14:00	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		08/08/17 14:00	96-12-8	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		08/08/17 14:00	124-48-1	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		08/08/17 14:00	106-93-4	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		08/08/17 14:00	74-95-3	

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ANALYTICAL RESULTS

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154369

Sample: SB-4-S **Lab ID: 40154369022** Collected: 07/31/17 18:00 Received: 08/03/17 09:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 14:00	95-50-1	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 14:00	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 14:00	106-46-7	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		08/08/17 14:00	75-71-8	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		08/08/17 14:00	75-34-3	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		08/08/17 14:00	107-06-2	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		08/08/17 14:00	75-35-4	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		08/08/17 14:00	156-59-2	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		08/08/17 14:00	156-60-5	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		08/08/17 14:00	78-87-5	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		08/08/17 14:00	142-28-9	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		08/08/17 14:00	594-20-7	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		08/08/17 14:00	563-58-6	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 14:00	10061-01-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		08/08/17 14:00	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		08/08/17 14:00	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 14:00	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		08/08/17 14:00	87-68-3	
Isopropylbenzene (Cumene)	**<0.14**	ug/L	1.0	0.14	1		08/08/17 14:00	98-82-8	
p-Isopropyltoluene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 14:00	99-87-6	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		08/08/17 14:00	75-09-2	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		08/08/17 14:00	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		08/08/17 14:00	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 14:00	103-65-1	
Styrene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 14:00	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		08/08/17 14:00	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.25**	ug/L	1.0	0.25	1		08/08/17 14:00	79-34-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 14:00	127-18-4	
Toluene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 14:00	108-88-3	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		08/08/17 14:00	87-61-6	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		08/08/17 14:00	120-82-1	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		08/08/17 14:00	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		08/08/17 14:00	79-00-5	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		08/08/17 14:00	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		08/08/17 14:00	75-69-4	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		08/08/17 14:00	96-18-4	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 14:00	95-63-6	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 14:00	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		08/08/17 14:00	75-01-4	
m&p-Xylene	**<1.0**	ug/L	2.0	1.0	1		08/08/17 14:00	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 14:00	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	86	%	61-130		1		08/08/17 14:00	460-00-4	
Dibromofluoromethane (S)	98	%	67-130		1		08/08/17 14:00	1868-53-7	
Toluene-d8 (S)	92	%	70-130		1		08/08/17 14:00	2037-26-5	

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Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154369

Sample: SB-24-S **Lab ID: 40154369023** Collected: 08/01/17 08:20 Received: 08/03/17 09:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**31.0**	ug/L	25.0	8.3	1	08/08/17 08:17	08/08/17 16:07	7440-38-2	
Barium	**490**	ug/L	5.0	1.5	1	08/08/17 08:17	08/08/17 16:07	7440-39-3	
Cadmium	**<1.3**	ug/L	5.0	1.3	1	08/08/17 08:17	08/08/17 16:07	7440-43-9	
Chromium	**108**	ug/L	10.0	2.5	1	08/08/17 08:17	08/08/17 16:07	7440-47-3	
Lead	**34.8**	ug/L	13.0	4.3	1	08/08/17 08:17	08/08/17 16:07	7439-92-1	
Selenium	**<16.6**	ug/L	50.0	16.6	1	08/08/17 08:17	08/08/17 16:07	7782-49-2	
Silver	**<3.3**	ug/L	10.0	3.3	1	08/08/17 08:17	08/08/17 16:07	7440-22-4	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**<0.13**	ug/L	0.42	0.13	1	08/11/17 10:35	08/14/17 09:56	7439-97-6	
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510								
1,2,4-Trichlorobenzene	**<2.0**	ug/L	6.5	2.0	1	08/07/17 08:15	08/14/17 12:56	120-82-1	
1,2-Dichlorobenzene	**<1.9**	ug/L	6.2	1.9	1	08/07/17 08:15	08/14/17 12:56	95-50-1	
1,3-Dichlorobenzene	**<1.8**	ug/L	6.0	1.8	1	08/07/17 08:15	08/14/17 12:56	541-73-1	
1,4-Dichlorobenzene	**<1.8**	ug/L	6.0	1.8	1	08/07/17 08:15	08/14/17 12:56	106-46-7	
2,2'-Oxybis(1-chloropropane)	**<1.5**	ug/L	4.9	1.5	1	08/07/17 08:15	08/14/17 12:56	108-60-1	
2,4,5-Trichlorophenol	**<0.81**	ug/L	2.7	0.81	1	08/07/17 08:15	08/14/17 12:56	95-95-4	
2,4,6-Trichlorophenol	**<2.0**	ug/L	6.8	2.0	1	08/07/17 08:15	08/14/17 12:56	88-06-2	
2,4-Dichlorophenol	**<1.3**	ug/L	4.4	1.3	1	08/07/17 08:15	08/14/17 12:56	120-83-2	
2,4-Dimethylphenol	**<1.2**	ug/L	4.1	1.2	1	08/07/17 08:15	08/14/17 12:56	105-67-9	
2,4-Dinitrophenol	**<0.68**	ug/L	2.3	0.68	1	08/07/17 08:15	08/14/17 12:56	51-28-5	
2,4-Dinitrotoluene	**<0.76**	ug/L	2.5	0.76	1	08/07/17 08:15	08/14/17 12:56	121-14-2	
2,6-Dinitrotoluene	**<0.58**	ug/L	1.9	0.58	1	08/07/17 08:15	08/14/17 12:56	606-20-2	
2-Chloronaphthalene	**<1.6**	ug/L	5.3	1.6	1	08/07/17 08:15	08/14/17 12:56	91-58-7	
2-Chlorophenol	**<1.1**	ug/L	3.7	1.1	1	08/07/17 08:15	08/14/17 12:56	95-57-8	
2-Methylnaphthalene	**<1.5**	ug/L	4.9	1.5	1	08/07/17 08:15	08/14/17 12:56	91-57-6	
2-Methylphenol(o-Cresol)	**<0.83**	ug/L	2.8	0.83	1	08/07/17 08:15	08/14/17 12:56	95-48-7	
2-Nitroaniline	**<0.74**	ug/L	2.5	0.74	1	08/07/17 08:15	08/14/17 12:56	88-74-4	
2-Nitrophenol	**<1.1**	ug/L	3.7	1.1	1	08/07/17 08:15	08/14/17 12:56	88-75-5	
3&4-Methylphenol(m&p Cresol)	**<1.5**	ug/L	5.0	1.5	1	08/07/17 08:15	08/14/17 12:56		
3,3'-Dichlorobenzidine	**<0.87**	ug/L	2.9	0.87	1	08/07/17 08:15	08/14/17 12:56	91-94-1	
3-Nitroaniline	**<0.93**	ug/L	3.1	0.93	1	08/07/17 08:15	08/14/17 12:56	99-09-2	
4,6-Dinitro-2-methylphenol	**<0.63**	ug/L	2.1	0.63	1	08/07/17 08:15	08/14/17 12:56	534-52-1	
4-Bromophenylphenyl ether	**<1.9**	ug/L	6.3	1.9	1	08/07/17 08:15	08/14/17 12:56	101-55-3	
4-Chloro-3-methylphenol	**<1.6**	ug/L	5.4	1.6	1	08/07/17 08:15	08/14/17 12:56	59-50-7	
4-Chloroaniline	**<1.1**	ug/L	3.5	1.1	1	08/07/17 08:15	08/14/17 12:56	106-47-8	
4-Chlorophenylphenyl ether	**<0.79**	ug/L	2.6	0.79	1	08/07/17 08:15	08/14/17 12:56	7005-72-3	
4-Nitroaniline	**<1.8**	ug/L	5.9	1.8	1	08/07/17 08:15	08/14/17 12:56	100-01-6	
4-Nitrophenol	**<1.0**	ug/L	3.4	1.0	1	08/07/17 08:15	08/14/17 12:56	100-02-7	
Acenaphthene	**<1.3**	ug/L	4.3	1.3	1	08/07/17 08:15	08/14/17 12:56	83-32-9	
Acenaphthylene	**<1.0**	ug/L	3.4	1.0	1	08/07/17 08:15	08/14/17 12:56	208-96-8	
Anthracene	**<1.7**	ug/L	5.8	1.7	1	08/07/17 08:15	08/14/17 12:56	120-12-7	
Benzo(a)anthracene	**<0.51**	ug/L	1.7	0.51	1	08/07/17 08:15	08/14/17 12:56	56-55-3	
Benzo(a)pyrene	**<1.8**	ug/L	6.0	1.8	1	08/07/17 08:15	08/14/17 12:56	50-32-8	
Benzo(b)fluoranthene	**<0.63**	ug/L	2.1	0.63	1	08/07/17 08:15	08/14/17 12:56	205-99-2	

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ANALYTICAL RESULTS

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154369

Sample: SB-24-S **Lab ID: 40154369023** Collected: 08/01/17 08:20 Received: 08/03/17 09:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510								
Benzo(g,h,i)perylene	**<0.78**	ug/L	2.6	0.78	1	08/07/17 08:15	08/14/17 12:56	191-24-2	
Benzo(k)fluoranthene	**<0.96**	ug/L	3.2	0.96	1	08/07/17 08:15	08/14/17 12:56	207-08-9	
Butylbenzylphthalate	**<0.74**	ug/L	2.5	0.74	1	08/07/17 08:15	08/14/17 12:56	85-68-7	
Carbazole	**<0.72**	ug/L	2.4	0.72	1	08/07/17 08:15	08/14/17 12:56	86-74-8	
Chrysene	**<1.7**	ug/L	5.6	1.7	1	08/07/17 08:15	08/14/17 12:56	218-01-9	
Di-n-butylphthalate	**<2.5**	ug/L	8.2	2.5	1	08/07/17 08:15	08/14/17 12:56	84-74-2	
Di-n-octylphthalate	**<1.8**	ug/L	6.1	1.8	1	08/07/17 08:15	08/14/17 12:56	117-84-0	
Dibenz(a,h)anthracene	**<1.3**	ug/L	4.2	1.3	1	08/07/17 08:15	08/14/17 12:56	53-70-3	
Dibenzofuran	**<0.74**	ug/L	2.5	0.74	1	08/07/17 08:15	08/14/17 12:56	132-64-9	
Diethylphthalate	**<1.0**	ug/L	3.5	1.0	1	08/07/17 08:15	08/14/17 12:56	84-66-2	
Dimethylphthalate	**<1.9**	ug/L	6.2	1.9	1	08/07/17 08:15	08/14/17 12:56	131-11-3	
Fluoranthene	**<0.54**	ug/L	1.8	0.54	1	08/07/17 08:15	08/14/17 12:56	206-44-0	
Fluorene	**<0.72**	ug/L	2.4	0.72	1	08/07/17 08:15	08/14/17 12:56	86-73-7	
Hexachloro-1,3-butadiene	**<2.4**	ug/L	7.9	2.4	1	08/07/17 08:15	08/14/17 12:56	87-68-3	
Hexachlorobenzene	**<1.6**	ug/L	5.4	1.6	1	08/07/17 08:15	08/14/17 12:56	118-74-1	
Hexachlorocyclopentadiene	**<0.65**	ug/L	2.2	0.65	1	08/07/17 08:15	08/14/17 12:56	77-47-4	
Hexachloroethane	**<2.6**	ug/L	8.5	2.6	1	08/07/17 08:15	08/14/17 12:56	67-72-1	
Indeno(1,2,3-cd)pyrene	**<1.4**	ug/L	4.8	1.4	1	08/07/17 08:15	08/14/17 12:56	193-39-5	
Isophorone	**<0.71**	ug/L	2.4	0.71	1	08/07/17 08:15	08/14/17 12:56	78-59-1	
N-Nitroso-di-n-propylamine	**<0.93**	ug/L	3.1	0.93	1	08/07/17 08:15	08/14/17 12:56	621-64-7	
N-Nitrosodiphenylamine	**<3.4**	ug/L	11.3	3.4	1	08/07/17 08:15	08/14/17 12:56	86-30-6	
Naphthalene	**<1.8**	ug/L	6.1	1.8	1	08/07/17 08:15	08/14/17 12:56	91-20-3	
Nitrobenzene	**<1.4**	ug/L	4.6	1.4	1	08/07/17 08:15	08/14/17 12:56	98-95-3	
Pentachlorophenol	**<1.4**	ug/L	4.6	1.4	1	08/07/17 08:15	08/14/17 12:56	87-86-5	
Phenanthrene	**<1.8**	ug/L	5.8	1.8	1	08/07/17 08:15	08/14/17 12:56	85-01-8	
Phenol	**<0.58**	ug/L	1.9	0.58	1	08/07/17 08:15	08/14/17 12:56	108-95-2	
Pyrene	**<1.3**	ug/L	4.3	1.3	1	08/07/17 08:15	08/14/17 12:56	129-00-0	
bis(2-Chloroethoxy)methane	**<0.96**	ug/L	3.2	0.96	1	08/07/17 08:15	08/14/17 12:56	111-91-1	
bis(2-Chloroethyl) ether	**<1.5**	ug/L	5.1	1.5	1	08/07/17 08:15	08/14/17 12:56	111-44-4	
bis(2-Ethylhexyl)phthalate	**<0.67**	ug/L	2.2	0.67	1	08/07/17 08:15	08/14/17 12:56	117-81-7	
Surrogates									
Nitrobenzene-d5 (S)	85	%	53-100		1	08/07/17 08:15	08/14/17 12:56	4165-60-0	
2-Fluorobiphenyl (S)	73	%	59-109		1	08/07/17 08:15	08/14/17 12:56	321-60-8	
Terphenyl-d14 (S)	93	%	59-108		1	08/07/17 08:15	08/14/17 12:56	1718-51-0	
Phenol-d6 (S)	28	%	18-120		1	08/07/17 08:15	08/14/17 12:56	13127-88-3	
2-Fluorophenol (S)	48	%	27-67		1	08/07/17 08:15	08/14/17 12:56	367-12-4	
2,4,6-Tribromophenol (S)	100	%	65-140		1	08/07/17 08:15	08/14/17 12:56	118-79-6	
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 14:22	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		08/08/17 14:22	108-86-1	
Bromochloromethane	**<0.34**	ug/L	1.0	0.34	1		08/08/17 14:22	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		08/08/17 14:22	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		08/08/17 14:22	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		08/08/17 14:22	74-83-9	
n-Butylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 14:22	104-51-8	

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ANALYTICAL RESULTS

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154369

Sample: SB-24-S **Lab ID: 40154369023** Collected: 08/01/17 08:20 Received: 08/03/17 09:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		08/08/17 14:22	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		08/08/17 14:22	98-06-6	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		08/08/17 14:22	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 14:22	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		08/08/17 14:22	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		08/08/17 14:22	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		08/08/17 14:22	74-87-3	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 14:22	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		08/08/17 14:22	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		08/08/17 14:22	96-12-8	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		08/08/17 14:22	124-48-1	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		08/08/17 14:22	106-93-4	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		08/08/17 14:22	74-95-3	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 14:22	95-50-1	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 14:22	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 14:22	106-46-7	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		08/08/17 14:22	75-71-8	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		08/08/17 14:22	75-34-3	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		08/08/17 14:22	107-06-2	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		08/08/17 14:22	75-35-4	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		08/08/17 14:22	156-59-2	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		08/08/17 14:22	156-60-5	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		08/08/17 14:22	78-87-5	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		08/08/17 14:22	142-28-9	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		08/08/17 14:22	594-20-7	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		08/08/17 14:22	563-58-6	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 14:22	10061-01-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		08/08/17 14:22	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		08/08/17 14:22	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 14:22	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		08/08/17 14:22	87-68-3	
Isopropylbenzene (Cumene)	**<0.14**	ug/L	1.0	0.14	1		08/08/17 14:22	98-82-8	
p-Isopropyltoluene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 14:22	99-87-6	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		08/08/17 14:22	75-09-2	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		08/08/17 14:22	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		08/08/17 14:22	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 14:22	103-65-1	
Styrene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 14:22	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		08/08/17 14:22	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.25**	ug/L	1.0	0.25	1		08/08/17 14:22	79-34-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 14:22	127-18-4	
Toluene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 14:22	108-88-3	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		08/08/17 14:22	87-61-6	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		08/08/17 14:22	120-82-1	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		08/08/17 14:22	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		08/08/17 14:22	79-00-5	

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ANALYTICAL RESULTS

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154369

Sample: SB-24-S **Lab ID: 40154369023** Collected: 08/01/17 08:20 Received: 08/03/17 09:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		08/08/17 14:22	79-01-6	
Trichlorofluoromethane	**0.27J**	ug/L	1.0	0.18	1		08/08/17 14:22	75-69-4	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		08/08/17 14:22	96-18-4	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 14:22	95-63-6	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 14:22	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		08/08/17 14:22	75-01-4	
m&p-Xylene	**<1.0**	ug/L	2.0	1.0	1		08/08/17 14:22	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 14:22	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	88	%	61-130		1		08/08/17 14:22	460-00-4	
Dibromofluoromethane (S)	97	%	67-130		1		08/08/17 14:22	1868-53-7	
Toluene-d8 (S)	96	%	70-130		1		08/08/17 14:22	2037-26-5	

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ANALYTICAL RESULTS

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154369

Sample: SB-25-S **Lab ID: 40154369024** Collected: 08/01/17 09:10 Received: 08/03/17 09:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**21.5J**	ug/L	25.0	8.3	1	08/08/17 08:17	08/08/17 16:10	7440-38-2	
Barium	**473**	ug/L	5.0	1.5	1	08/08/17 08:17	08/08/17 16:10	7440-39-3	
Cadmium	**<1.3**	ug/L	5.0	1.3	1	08/08/17 08:17	08/08/17 16:10	7440-43-9	
Chromium	**33.6**	ug/L	10.0	2.5	1	08/08/17 08:17	08/08/17 16:10	7440-47-3	
Lead	**14.4**	ug/L	13.0	4.3	1	08/08/17 08:17	08/08/17 16:10	7439-92-1	
Selenium	**<16.6**	ug/L	50.0	16.6	1	08/08/17 08:17	08/08/17 16:10	7782-49-2	
Silver	**<3.3**	ug/L	10.0	3.3	1	08/08/17 08:17	08/08/17 16:10	7440-22-4	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**<0.13**	ug/L	0.42	0.13	1	08/11/17 10:35	08/14/17 09:58	7439-97-6	
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510								
1,2,4-Trichlorobenzene	**<2.0**	ug/L	6.5	2.0	1	08/07/17 08:15	08/14/17 13:17	120-82-1	
1,2-Dichlorobenzene	**<1.9**	ug/L	6.2	1.9	1	08/07/17 08:15	08/14/17 13:17	95-50-1	
1,3-Dichlorobenzene	**<1.8**	ug/L	6.0	1.8	1	08/07/17 08:15	08/14/17 13:17	541-73-1	
1,4-Dichlorobenzene	**<1.8**	ug/L	6.0	1.8	1	08/07/17 08:15	08/14/17 13:17	106-46-7	
2,2'-Oxybis(1-chloropropane)	**<1.5**	ug/L	4.9	1.5	1	08/07/17 08:15	08/14/17 13:17	108-60-1	
2,4,5-Trichlorophenol	**<0.81**	ug/L	2.7	0.81	1	08/07/17 08:15	08/14/17 13:17	95-95-4	
2,4,6-Trichlorophenol	**<2.0**	ug/L	6.8	2.0	1	08/07/17 08:15	08/14/17 13:17	88-06-2	
2,4-Dichlorophenol	**<1.3**	ug/L	4.4	1.3	1	08/07/17 08:15	08/14/17 13:17	120-83-2	
2,4-Dimethylphenol	**<1.2**	ug/L	4.1	1.2	1	08/07/17 08:15	08/14/17 13:17	105-67-9	
2,4-Dinitrophenol	**<0.68**	ug/L	2.3	0.68	1	08/07/17 08:15	08/14/17 13:17	51-28-5	
2,4-Dinitrotoluene	**<0.76**	ug/L	2.5	0.76	1	08/07/17 08:15	08/14/17 13:17	121-14-2	
2,6-Dinitrotoluene	**<0.58**	ug/L	1.9	0.58	1	08/07/17 08:15	08/14/17 13:17	606-20-2	
2-Chloronaphthalene	**<1.6**	ug/L	5.3	1.6	1	08/07/17 08:15	08/14/17 13:17	91-58-7	
2-Chlorophenol	**<1.1**	ug/L	3.7	1.1	1	08/07/17 08:15	08/14/17 13:17	95-57-8	
2-Methylnaphthalene	**<1.5**	ug/L	4.9	1.5	1	08/07/17 08:15	08/14/17 13:17	91-57-6	
2-Methylphenol(o-Cresol)	**<0.83**	ug/L	2.8	0.83	1	08/07/17 08:15	08/14/17 13:17	95-48-7	
2-Nitroaniline	**<0.74**	ug/L	2.5	0.74	1	08/07/17 08:15	08/14/17 13:17	88-74-4	
2-Nitrophenol	**<1.1**	ug/L	3.7	1.1	1	08/07/17 08:15	08/14/17 13:17	88-75-5	
3&4-Methylphenol(m&p Cresol)	**<1.5**	ug/L	5.0	1.5	1	08/07/17 08:15	08/14/17 13:17		
3,3'-Dichlorobenzidine	**<0.87**	ug/L	2.9	0.87	1	08/07/17 08:15	08/14/17 13:17	91-94-1	
3-Nitroaniline	**<0.93**	ug/L	3.1	0.93	1	08/07/17 08:15	08/14/17 13:17	99-09-2	
4,6-Dinitro-2-methylphenol	**<0.63**	ug/L	2.1	0.63	1	08/07/17 08:15	08/14/17 13:17	534-52-1	
4-Bromophenylphenyl ether	**<1.9**	ug/L	6.3	1.9	1	08/07/17 08:15	08/14/17 13:17	101-55-3	
4-Chloro-3-methylphenol	**<1.6**	ug/L	5.4	1.6	1	08/07/17 08:15	08/14/17 13:17	59-50-7	
4-Chloroaniline	**<1.1**	ug/L	3.5	1.1	1	08/07/17 08:15	08/14/17 13:17	106-47-8	
4-Chlorophenylphenyl ether	**<0.79**	ug/L	2.6	0.79	1	08/07/17 08:15	08/14/17 13:17	7005-72-3	
4-Nitroaniline	**<1.8**	ug/L	5.9	1.8	1	08/07/17 08:15	08/14/17 13:17	100-01-6	
4-Nitrophenol	**<1.0**	ug/L	3.4	1.0	1	08/07/17 08:15	08/14/17 13:17	100-02-7	
Acenaphthene	**<1.3**	ug/L	4.3	1.3	1	08/07/17 08:15	08/14/17 13:17	83-32-9	
Acenaphthylene	**<1.0**	ug/L	3.4	1.0	1	08/07/17 08:15	08/14/17 13:17	208-96-8	
Anthracene	**<1.7**	ug/L	5.8	1.7	1	08/07/17 08:15	08/14/17 13:17	120-12-7	
Benzo(a)anthracene	**<0.51**	ug/L	1.7	0.51	1	08/07/17 08:15	08/14/17 13:17	56-55-3	
Benzo(a)pyrene	**<1.8**	ug/L	6.0	1.8	1	08/07/17 08:15	08/14/17 13:17	50-32-8	
Benzo(b)fluoranthene	**<0.63**	ug/L	2.1	0.63	1	08/07/17 08:15	08/14/17 13:17	205-99-2	

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ANALYTICAL RESULTS

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154369

Sample: SB-25-S **Lab ID: 40154369024** Collected: 08/01/17 09:10 Received: 08/03/17 09:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510								
Benzo(g,h,i)perylene	**<0.78**	ug/L	2.6	0.78	1	08/07/17 08:15	08/14/17 13:17	191-24-2	
Benzo(k)fluoranthene	**<0.96**	ug/L	3.2	0.96	1	08/07/17 08:15	08/14/17 13:17	207-08-9	
Butylbenzylphthalate	**<0.74**	ug/L	2.5	0.74	1	08/07/17 08:15	08/14/17 13:17	85-68-7	
Carbazole	**<0.72**	ug/L	2.4	0.72	1	08/07/17 08:15	08/14/17 13:17	86-74-8	
Chrysene	**<1.7**	ug/L	5.6	1.7	1	08/07/17 08:15	08/14/17 13:17	218-01-9	
Di-n-butylphthalate	**<2.5**	ug/L	8.2	2.5	1	08/07/17 08:15	08/14/17 13:17	84-74-2	
Di-n-octylphthalate	**<1.8**	ug/L	6.1	1.8	1	08/07/17 08:15	08/14/17 13:17	117-84-0	
Dibenz(a,h)anthracene	**<1.3**	ug/L	4.2	1.3	1	08/07/17 08:15	08/14/17 13:17	53-70-3	
Dibenzofuran	**<0.74**	ug/L	2.5	0.74	1	08/07/17 08:15	08/14/17 13:17	132-64-9	
Diethylphthalate	**<1.0**	ug/L	3.5	1.0	1	08/07/17 08:15	08/14/17 13:17	84-66-2	
Dimethylphthalate	**<1.9**	ug/L	6.2	1.9	1	08/07/17 08:15	08/14/17 13:17	131-11-3	
Fluoranthene	**<0.54**	ug/L	1.8	0.54	1	08/07/17 08:15	08/14/17 13:17	206-44-0	
Fluorene	**<0.72**	ug/L	2.4	0.72	1	08/07/17 08:15	08/14/17 13:17	86-73-7	
Hexachloro-1,3-butadiene	**<2.4**	ug/L	7.9	2.4	1	08/07/17 08:15	08/14/17 13:17	87-68-3	
Hexachlorobenzene	**<1.6**	ug/L	5.4	1.6	1	08/07/17 08:15	08/14/17 13:17	118-74-1	
Hexachlorocyclopentadiene	**<0.65**	ug/L	2.2	0.65	1	08/07/17 08:15	08/14/17 13:17	77-47-4	
Hexachloroethane	**<2.6**	ug/L	8.5	2.6	1	08/07/17 08:15	08/14/17 13:17	67-72-1	
Indeno(1,2,3-cd)pyrene	**<1.4**	ug/L	4.8	1.4	1	08/07/17 08:15	08/14/17 13:17	193-39-5	
Isophorone	**<0.71**	ug/L	2.4	0.71	1	08/07/17 08:15	08/14/17 13:17	78-59-1	
N-Nitroso-di-n-propylamine	**<0.93**	ug/L	3.1	0.93	1	08/07/17 08:15	08/14/17 13:17	621-64-7	
N-Nitrosodiphenylamine	**<3.4**	ug/L	11.3	3.4	1	08/07/17 08:15	08/14/17 13:17	86-30-6	
Naphthalene	**<1.8**	ug/L	6.1	1.8	1	08/07/17 08:15	08/14/17 13:17	91-20-3	
Nitrobenzene	**<1.4**	ug/L	4.6	1.4	1	08/07/17 08:15	08/14/17 13:17	98-95-3	
Pentachlorophenol	**<1.4**	ug/L	4.6	1.4	1	08/07/17 08:15	08/14/17 13:17	87-86-5	
Phenanthrene	**<1.8**	ug/L	5.8	1.8	1	08/07/17 08:15	08/14/17 13:17	85-01-8	
Phenol	**<0.58**	ug/L	1.9	0.58	1	08/07/17 08:15	08/14/17 13:17	108-95-2	
Pyrene	**<1.3**	ug/L	4.3	1.3	1	08/07/17 08:15	08/14/17 13:17	129-00-0	
bis(2-Chloroethoxy)methane	**<0.96**	ug/L	3.2	0.96	1	08/07/17 08:15	08/14/17 13:17	111-91-1	
bis(2-Chloroethyl) ether	**<1.5**	ug/L	5.1	1.5	1	08/07/17 08:15	08/14/17 13:17	111-44-4	
bis(2-Ethylhexyl)phthalate	**<0.67**	ug/L	2.2	0.67	1	08/07/17 08:15	08/14/17 13:17	117-81-7	
Surrogates									
Nitrobenzene-d5 (S)	89	%	53-100		1	08/07/17 08:15	08/14/17 13:17	4165-60-0	
2-Fluorobiphenyl (S)	80	%	59-109		1	08/07/17 08:15	08/14/17 13:17	321-60-8	
Terphenyl-d14 (S)	80	%	59-108		1	08/07/17 08:15	08/14/17 13:17	1718-51-0	
Phenol-d6 (S)	31	%	18-120		1	08/07/17 08:15	08/14/17 13:17	13127-88-3	
2-Fluorophenol (S)	49	%	27-67		1	08/07/17 08:15	08/14/17 13:17	367-12-4	
2,4,6-Tribromophenol (S)	103	%	65-140		1	08/07/17 08:15	08/14/17 13:17	118-79-6	
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 14:45	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		08/08/17 14:45	108-86-1	
Bromochloromethane	**<0.34**	ug/L	1.0	0.34	1		08/08/17 14:45	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		08/08/17 14:45	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		08/08/17 14:45	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		08/08/17 14:45	74-83-9	
n-Butylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 14:45	104-51-8	

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ANALYTICAL RESULTS

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154369

Sample: SB-25-S **Lab ID: 40154369024** Collected: 08/01/17 09:10 Received: 08/03/17 09:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		08/08/17 14:45	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		08/08/17 14:45	98-06-6	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		08/08/17 14:45	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 14:45	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		08/08/17 14:45	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		08/08/17 14:45	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		08/08/17 14:45	74-87-3	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 14:45	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		08/08/17 14:45	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		08/08/17 14:45	96-12-8	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		08/08/17 14:45	124-48-1	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		08/08/17 14:45	106-93-4	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		08/08/17 14:45	74-95-3	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 14:45	95-50-1	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 14:45	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 14:45	106-46-7	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		08/08/17 14:45	75-71-8	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		08/08/17 14:45	75-34-3	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		08/08/17 14:45	107-06-2	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		08/08/17 14:45	75-35-4	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		08/08/17 14:45	156-59-2	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		08/08/17 14:45	156-60-5	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		08/08/17 14:45	78-87-5	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		08/08/17 14:45	142-28-9	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		08/08/17 14:45	594-20-7	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		08/08/17 14:45	563-58-6	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 14:45	10061-01-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		08/08/17 14:45	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		08/08/17 14:45	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 14:45	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		08/08/17 14:45	87-68-3	
Isopropylbenzene (Cumene)	**<0.14**	ug/L	1.0	0.14	1		08/08/17 14:45	98-82-8	
p-Isopropyltoluene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 14:45	99-87-6	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		08/08/17 14:45	75-09-2	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		08/08/17 14:45	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		08/08/17 14:45	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 14:45	103-65-1	
Styrene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 14:45	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		08/08/17 14:45	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.25**	ug/L	1.0	0.25	1		08/08/17 14:45	79-34-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 14:45	127-18-4	
Toluene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 14:45	108-88-3	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		08/08/17 14:45	87-61-6	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		08/08/17 14:45	120-82-1	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		08/08/17 14:45	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		08/08/17 14:45	79-00-5	

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ANALYTICAL RESULTS

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154369

Sample: SB-25-S **Lab ID: 40154369024** Collected: 08/01/17 09:10 Received: 08/03/17 09:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		08/08/17 14:45	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		08/08/17 14:45	75-69-4	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		08/08/17 14:45	96-18-4	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 14:45	95-63-6	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 14:45	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		08/08/17 14:45	75-01-4	
m&p-Xylene	**<1.0**	ug/L	2.0	1.0	1		08/08/17 14:45	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 14:45	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	89	%	61-130		1		08/08/17 14:45	460-00-4	
Dibromofluoromethane (S)	93	%	67-130		1		08/08/17 14:45	1868-53-7	
Toluene-d8 (S)	95	%	70-130		1		08/08/17 14:45	2037-26-5	

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ANALYTICAL RESULTS

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154369

Sample: SB-8-S **Lab ID: 40154369025** Collected: 08/01/17 10:00 Received: 08/03/17 09:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Lead	**76.4**	ug/L	13.0	4.3	1	08/08/17 08:17	08/08/17 16:12	7439-92-1	
8270 MSSV PAH by HVI	Analytical Method: EPA 8270 by HVI Preparation Method: EPA 3510								
Acenaphthene	**0.066J**	ug/L	0.29	0.057	10	08/07/17 13:40	08/09/17 13:05	83-32-9	
Acenaphthylene	**<0.047**	ug/L	0.23	0.047	10	08/07/17 13:40	08/09/17 13:05	208-96-8	
Anthracene	**<0.099**	ug/L	0.49	0.099	10	08/07/17 13:40	08/09/17 13:05	120-12-7	
Benzo(a)anthracene	**<0.071**	ug/L	0.36	0.071	10	08/07/17 13:40	08/09/17 13:05	56-55-3	
Benzo(a)pyrene	**<0.099**	ug/L	0.50	0.099	10	08/07/17 13:40	08/09/17 13:05	50-32-8	
Benzo(b)fluoranthene	**<0.054**	ug/L	0.27	0.054	10	08/07/17 13:40	08/09/17 13:05	205-99-2	
Benzo(g,h,i)perylene	**<0.064**	ug/L	0.32	0.064	10	08/07/17 13:40	08/09/17 13:05	191-24-2	
Benzo(k)fluoranthene	**<0.071**	ug/L	0.36	0.071	10	08/07/17 13:40	08/09/17 13:05	207-08-9	
Chrysene	**<0.12**	ug/L	0.62	0.12	10	08/07/17 13:40	08/09/17 13:05	218-01-9	
Dibenz(a,h)anthracene	**<0.095**	ug/L	0.47	0.095	10	08/07/17 13:40	08/09/17 13:05	53-70-3	
Fluoranthene	**<0.10**	ug/L	0.50	0.10	10	08/07/17 13:40	08/09/17 13:05	206-44-0	
Fluorene	**<0.075**	ug/L	0.38	0.075	10	08/07/17 13:40	08/09/17 13:05	86-73-7	
Indeno(1,2,3-cd)pyrene	**<0.17**	ug/L	0.83	0.17	10	08/07/17 13:40	08/09/17 13:05	193-39-5	
1-Methylnaphthalene	**5.6**	ug/L	0.28	0.056	10	08/07/17 13:40	08/09/17 13:05	90-12-0	
2-Methylnaphthalene	**10**	ug/L	0.23	0.046	10	08/07/17 13:40	08/09/17 13:05	91-57-6	
Naphthalene	**79.5**	ug/L	0.86	0.17	10	08/07/17 13:40	08/09/17 13:05	91-20-3	
Phenanthrene	**0.14J**	ug/L	0.65	0.13	10	08/07/17 13:40	08/09/17 13:05	85-01-8	B
Pyrene	**<0.072**	ug/L	0.36	0.072	10	08/07/17 13:40	08/09/17 13:05	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	46	%	35-84		10	08/07/17 13:40	08/09/17 13:05	321-60-8	
Terphenyl-d14 (S)	45	%	10-129		10	08/07/17 13:40	08/09/17 13:05	1718-51-0	
8260 MSV	Analytical Method: EPA 8260								
Benzene	**28.2J**	ug/L	50.0	25.0	50		08/08/17 12:07	71-43-2	
Bromobenzene	**<11.5**	ug/L	50.0	11.5	50		08/08/17 12:07	108-86-1	
Bromochloromethane	**<17.0**	ug/L	50.0	17.0	50		08/08/17 12:07	74-97-5	
Bromodichloromethane	**<25.0**	ug/L	50.0	25.0	50		08/08/17 12:07	75-27-4	
Bromoform	**<25.0**	ug/L	50.0	25.0	50		08/08/17 12:07	75-25-2	
Bromomethane	**<122**	ug/L	250	122	50		08/08/17 12:07	74-83-9	
n-Butylbenzene	**<25.0**	ug/L	50.0	25.0	50		08/08/17 12:07	104-51-8	
sec-Butylbenzene	**<109**	ug/L	250	109	50		08/08/17 12:07	135-98-8	
tert-Butylbenzene	**<9.0**	ug/L	50.0	9.0	50		08/08/17 12:07	98-06-6	
Carbon tetrachloride	**<25.0**	ug/L	50.0	25.0	50		08/08/17 12:07	56-23-5	
Chlorobenzene	**<25.0**	ug/L	50.0	25.0	50		08/08/17 12:07	108-90-7	
Chloroethane	**<18.7**	ug/L	50.0	18.7	50		08/08/17 12:07	75-00-3	
Chloroform	**<125**	ug/L	250	125	50		08/08/17 12:07	67-66-3	
Chloromethane	**<25.0**	ug/L	50.0	25.0	50		08/08/17 12:07	74-87-3	
2-Chlorotoluene	**<25.0**	ug/L	50.0	25.0	50		08/08/17 12:07	95-49-8	
4-Chlorotoluene	**<10.7**	ug/L	50.0	10.7	50		08/08/17 12:07	106-43-4	
1,2-Dibromo-3-chloropropane	**<108**	ug/L	250	108	50		08/08/17 12:07	96-12-8	
Dibromochloromethane	**<25.0**	ug/L	50.0	25.0	50		08/08/17 12:07	124-48-1	
1,2-Dibromoethane (EDB)	**<8.9**	ug/L	50.0	8.9	50		08/08/17 12:07	106-93-4	
Dibromomethane	**<21.3**	ug/L	50.0	21.3	50		08/08/17 12:07	74-95-3	

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ANALYTICAL RESULTS

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154369

Sample: SB-8-S **Lab ID: 40154369025** Collected: 08/01/17 10:00 Received: 08/03/17 09:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,2-Dichlorobenzene	**<25.0**	ug/L	50.0	25.0	50		08/08/17 12:07	95-50-1	
1,3-Dichlorobenzene	**<25.0**	ug/L	50.0	25.0	50		08/08/17 12:07	541-73-1	
1,4-Dichlorobenzene	**<25.0**	ug/L	50.0	25.0	50		08/08/17 12:07	106-46-7	
Dichlorodifluoromethane	**<11.2**	ug/L	50.0	11.2	50		08/08/17 12:07	75-71-8	
1,1-Dichloroethane	**<12.1**	ug/L	50.0	12.1	50		08/08/17 12:07	75-34-3	
1,2-Dichloroethane	**<8.4**	ug/L	50.0	8.4	50		08/08/17 12:07	107-06-2	
1,1-Dichloroethene	**<20.5**	ug/L	50.0	20.5	50		08/08/17 12:07	75-35-4	
cis-1,2-Dichloroethene	**<12.8**	ug/L	50.0	12.8	50		08/08/17 12:07	156-59-2	
trans-1,2-Dichloroethene	**<12.8**	ug/L	50.0	12.8	50		08/08/17 12:07	156-60-5	
1,2-Dichloropropane	**<11.7**	ug/L	50.0	11.7	50		08/08/17 12:07	78-87-5	
1,3-Dichloropropane	**<25.0**	ug/L	50.0	25.0	50		08/08/17 12:07	142-28-9	
2,2-Dichloropropane	**<24.2**	ug/L	50.0	24.2	50		08/08/17 12:07	594-20-7	
1,1-Dichloropropene	**<22.1**	ug/L	50.0	22.1	50		08/08/17 12:07	563-58-6	
cis-1,3-Dichloropropene	**<25.0**	ug/L	50.0	25.0	50		08/08/17 12:07	10061-01-5	
trans-1,3-Dichloropropene	**<11.5**	ug/L	50.0	11.5	50		08/08/17 12:07	10061-02-6	
Diisopropyl ether	**<25.0**	ug/L	50.0	25.0	50		08/08/17 12:07	108-20-3	
Ethylbenzene	**2250**	ug/L	50.0	25.0	50		08/08/17 12:07	100-41-4	
Hexachloro-1,3-butadiene	**<105**	ug/L	250	105	50		08/08/17 12:07	87-68-3	
Isopropylbenzene (Cumene)	**89.6**	ug/L	50.0	7.2	50		08/08/17 12:07	98-82-8	
p-Isopropyltoluene	**<25.0**	ug/L	50.0	25.0	50		08/08/17 12:07	99-87-6	
Methylene Chloride	**<11.6**	ug/L	50.0	11.6	50		08/08/17 12:07	75-09-2	
Methyl-tert-butyl ether	**<8.7**	ug/L	50.0	8.7	50		08/08/17 12:07	1634-04-4	
Naphthalene	**173J**	ug/L	250	125	50		08/08/17 12:07	91-20-3	
n-Propylbenzene	**190**	ug/L	50.0	25.0	50		08/08/17 12:07	103-65-1	
Styrene	**<25.0**	ug/L	50.0	25.0	50		08/08/17 12:07	100-42-5	
1,1,1,2-Tetrachloroethane	**<9.0**	ug/L	50.0	9.0	50		08/08/17 12:07	630-20-6	
1,1,2,2-Tetrachloroethane	**<12.5**	ug/L	50.0	12.5	50		08/08/17 12:07	79-34-5	
Tetrachloroethene	**<25.0**	ug/L	50.0	25.0	50		08/08/17 12:07	127-18-4	
Toluene	**<25.0**	ug/L	50.0	25.0	50		08/08/17 12:07	108-88-3	
1,2,3-Trichlorobenzene	**<107**	ug/L	250	107	50		08/08/17 12:07	87-61-6	
1,2,4-Trichlorobenzene	**<110**	ug/L	250	110	50		08/08/17 12:07	120-82-1	
1,1,1-Trichloroethane	**<25.0**	ug/L	50.0	25.0	50		08/08/17 12:07	71-55-6	
1,1,2-Trichloroethane	**<9.9**	ug/L	50.0	9.9	50		08/08/17 12:07	79-00-5	
Trichloroethene	**<16.5**	ug/L	50.0	16.5	50		08/08/17 12:07	79-01-6	
Trichlorofluoromethane	**<9.2**	ug/L	50.0	9.2	50		08/08/17 12:07	75-69-4	
1,2,3-Trichloropropane	**<25.0**	ug/L	50.0	25.0	50		08/08/17 12:07	96-18-4	
1,2,4-Trimethylbenzene	**1120**	ug/L	50.0	25.0	50		08/08/17 12:07	95-63-6	
1,3,5-Trimethylbenzene	**291**	ug/L	50.0	25.0	50		08/08/17 12:07	108-67-8	
Vinyl chloride	**<8.8**	ug/L	50.0	8.8	50		08/08/17 12:07	75-01-4	
m&p-Xylene	**3920**	ug/L	100	50.0	50		08/08/17 12:07	179601-23-1	
o-Xylene	**83.1**	ug/L	50.0	25.0	50		08/08/17 12:07	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	93	%	61-130		50		08/08/17 12:07	460-00-4	pH
Dibromofluoromethane (S)	89	%	67-130		50		08/08/17 12:07	1868-53-7	
Toluene-d8 (S)	95	%	70-130		50		08/08/17 12:07	2037-26-5	

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ANALYTICAL RESULTS

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154369

Sample: SB-43-S **Lab ID: 40154369026** Collected: 08/01/17 10:45 Received: 08/03/17 09:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Lead	**14.3**	ug/L	13.0	4.3	1	08/08/17 08:17	08/08/17 16:15	7439-92-1	
8270 MSSV PAH by HVI	Analytical Method: EPA 8270 by HVI Preparation Method: EPA 3510								
Acenaphthene	**0.013J**	ug/L	0.030	0.0061	1	08/07/17 13:40	08/08/17 21:21	83-32-9	
Acenaphthylene	**<0.0050**	ug/L	0.025	0.0050	1	08/07/17 13:40	08/08/17 21:21	208-96-8	
Anthracene	**0.012J**	ug/L	0.052	0.010	1	08/07/17 13:40	08/08/17 21:21	120-12-7	
Benzo(a)anthracene	**<0.0076**	ug/L	0.038	0.0076	1	08/07/17 13:40	08/08/17 21:21	56-55-3	
Benzo(a)pyrene	**<0.011**	ug/L	0.053	0.011	1	08/07/17 13:40	08/08/17 21:21	50-32-8	
Benzo(b)fluoranthene	**<0.0057**	ug/L	0.029	0.0057	1	08/07/17 13:40	08/08/17 21:21	205-99-2	
Benzo(g,h,i)perylene	**<0.0068**	ug/L	0.034	0.0068	1	08/07/17 13:40	08/08/17 21:21	191-24-2	
Benzo(k)fluoranthene	**<0.0076**	ug/L	0.038	0.0076	1	08/07/17 13:40	08/08/17 21:21	207-08-9	
Chrysene	**<0.013**	ug/L	0.065	0.013	1	08/07/17 13:40	08/08/17 21:21	218-01-9	
Dibenz(a,h)anthracene	**<0.010**	ug/L	0.050	0.010	1	08/07/17 13:40	08/08/17 21:21	53-70-3	
Fluoranthene	**0.013J**	ug/L	0.053	0.011	1	08/07/17 13:40	08/08/17 21:21	206-44-0	
Fluorene	**<0.0080**	ug/L	0.040	0.0080	1	08/07/17 13:40	08/08/17 21:21	86-73-7	
Indeno(1,2,3-cd)pyrene	**<0.018**	ug/L	0.088	0.018	1	08/07/17 13:40	08/08/17 21:21	193-39-5	
1-Methylnaphthalene	**<0.0059**	ug/L	0.030	0.0059	1	08/07/17 13:40	08/08/17 21:21	90-12-0	
2-Methylnaphthalene	**<0.0049**	ug/L	0.024	0.0049	1	08/07/17 13:40	08/08/17 21:21	91-57-6	
Naphthalene	**0.026J**	ug/L	0.092	0.018	1	08/07/17 13:40	08/08/17 21:21	91-20-3	
Phenanthrene	**0.035J**	ug/L	0.069	0.014	1	08/07/17 13:40	08/08/17 21:21	85-01-8	B
Pyrene	**0.015J**	ug/L	0.038	0.0076	1	08/07/17 13:40	08/08/17 21:21	129-00-0	B
Surrogates									
2-Fluorobiphenyl (S)	47	%	35-84		1	08/07/17 13:40	08/08/17 21:21	321-60-8	
Terphenyl-d14 (S)	62	%	10-129		1	08/07/17 13:40	08/08/17 21:21	1718-51-0	
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 15:07	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		08/08/17 15:07	108-86-1	
Bromochloromethane	**<0.34**	ug/L	1.0	0.34	1		08/08/17 15:07	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		08/08/17 15:07	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		08/08/17 15:07	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		08/08/17 15:07	74-83-9	
n-Butylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 15:07	104-51-8	
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		08/08/17 15:07	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		08/08/17 15:07	98-06-6	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		08/08/17 15:07	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 15:07	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		08/08/17 15:07	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		08/08/17 15:07	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		08/08/17 15:07	74-87-3	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 15:07	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		08/08/17 15:07	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		08/08/17 15:07	96-12-8	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		08/08/17 15:07	124-48-1	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		08/08/17 15:07	106-93-4	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		08/08/17 15:07	74-95-3	

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ANALYTICAL RESULTS

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154369

Sample: SB-43-S **Lab ID: 40154369026** Collected: 08/01/17 10:45 Received: 08/03/17 09:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 15:07	95-50-1	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 15:07	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 15:07	106-46-7	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		08/08/17 15:07	75-71-8	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		08/08/17 15:07	75-34-3	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		08/08/17 15:07	107-06-2	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		08/08/17 15:07	75-35-4	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		08/08/17 15:07	156-59-2	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		08/08/17 15:07	156-60-5	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		08/08/17 15:07	78-87-5	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		08/08/17 15:07	142-28-9	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		08/08/17 15:07	594-20-7	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		08/08/17 15:07	563-58-6	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 15:07	10061-01-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		08/08/17 15:07	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		08/08/17 15:07	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 15:07	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		08/08/17 15:07	87-68-3	
Isopropylbenzene (Cumene)	**<0.14**	ug/L	1.0	0.14	1		08/08/17 15:07	98-82-8	
p-Isopropyltoluene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 15:07	99-87-6	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		08/08/17 15:07	75-09-2	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		08/08/17 15:07	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		08/08/17 15:07	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 15:07	103-65-1	
Styrene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 15:07	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		08/08/17 15:07	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.25**	ug/L	1.0	0.25	1		08/08/17 15:07	79-34-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 15:07	127-18-4	
Toluene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 15:07	108-88-3	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		08/08/17 15:07	87-61-6	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		08/08/17 15:07	120-82-1	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		08/08/17 15:07	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		08/08/17 15:07	79-00-5	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		08/08/17 15:07	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		08/08/17 15:07	75-69-4	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		08/08/17 15:07	96-18-4	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 15:07	95-63-6	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 15:07	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		08/08/17 15:07	75-01-4	
m&p-Xylene	**<1.0**	ug/L	2.0	1.0	1		08/08/17 15:07	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 15:07	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	90	%	61-130		1		08/08/17 15:07	460-00-4	
Dibromofluoromethane (S)	98	%	67-130		1		08/08/17 15:07	1868-53-7	
Toluene-d8 (S)	97	%	70-130		1		08/08/17 15:07	2037-26-5	

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1241 Bellevue Street - Suite 9
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ANALYTICAL RESULTS

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154369

Sample: SB-44-S **Lab ID: 40154369027** Collected: 08/01/17 11:10 Received: 08/03/17 09:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Lead	**<4.3**	ug/L	13.0	4.3	1	08/08/17 08:17	08/08/17 16:17	7439-92-1	
8270 MSSV PAH by HVI	Analytical Method: EPA 8270 by HVI Preparation Method: EPA 3510								
Acenaphthene	**0.0077J**	ug/L	0.030	0.0061	1	08/07/17 13:40	08/08/17 14:51	83-32-9	
Acenaphthylene	**<0.0050**	ug/L	0.025	0.0050	1	08/07/17 13:40	08/08/17 14:51	208-96-8	
Anthracene	**0.047J**	ug/L	0.052	0.010	1	08/07/17 13:40	08/08/17 14:51	120-12-7	
Benzo(a)anthracene	**<0.0076**	ug/L	0.038	0.0076	1	08/07/17 13:40	08/08/17 14:51	56-55-3	
Benzo(a)pyrene	**0.015J**	ug/L	0.053	0.011	1	08/07/17 13:40	08/08/17 14:51	50-32-8	
Benzo(b)fluoranthene	**0.020J**	ug/L	0.029	0.0057	1	08/07/17 13:40	08/08/17 14:51	205-99-2	
Benzo(g,h,i)perylene	**0.019J**	ug/L	0.034	0.0068	1	08/07/17 13:40	08/08/17 14:51	191-24-2	
Benzo(k)fluoranthene	**0.010J**	ug/L	0.038	0.0076	1	08/07/17 13:40	08/08/17 14:51	207-08-9	
Chrysene	**0.029J**	ug/L	0.065	0.013	1	08/07/17 13:40	08/08/17 14:51	218-01-9	
Dibenz(a,h)anthracene	**<0.010**	ug/L	0.050	0.010	1	08/07/17 13:40	08/08/17 14:51	53-70-3	
Fluoranthene	**0.036J**	ug/L	0.053	0.011	1	08/07/17 13:40	08/08/17 14:51	206-44-0	
Fluorene	**0.010J**	ug/L	0.040	0.0080	1	08/07/17 13:40	08/08/17 14:51	86-73-7	
Indeno(1,2,3-cd)pyrene	**<0.018**	ug/L	0.088	0.018	1	08/07/17 13:40	08/08/17 14:51	193-39-5	
1-Methylnaphthalene	**0.0099J**	ug/L	0.030	0.0059	1	08/07/17 13:40	08/08/17 14:51	90-12-0	
2-Methylnaphthalene	**<0.0049**	ug/L	0.024	0.0049	1	08/07/17 13:40	08/08/17 14:51	91-57-6	
Naphthalene	**0.031J**	ug/L	0.092	0.018	1	08/07/17 13:40	08/08/17 14:51	91-20-3	
Phenanthrene	**0.064J**	ug/L	0.069	0.014	1	08/07/17 13:40	08/08/17 14:51	85-01-8	B
Pyrene	**0.038J**	ug/L	0.038	0.0076	1	08/07/17 13:40	08/08/17 14:51	129-00-0	B
Surrogates									
2-Fluorobiphenyl (S)	49	%	35-84		1	08/07/17 13:40	08/08/17 14:51	321-60-8	
Terphenyl-d14 (S)	53	%	10-129		1	08/07/17 13:40	08/08/17 14:51	1718-51-0	
8260 MSV	Analytical Method: EPA 8260								
Benzene	**23.3**	ug/L	1.0	0.50	1		08/09/17 01:02	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		08/09/17 01:02	108-86-1	
Bromochloromethane	**<0.34**	ug/L	1.0	0.34	1		08/09/17 01:02	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		08/09/17 01:02	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		08/09/17 01:02	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		08/09/17 01:02	74-83-9	
n-Butylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/09/17 01:02	104-51-8	
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		08/09/17 01:02	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		08/09/17 01:02	98-06-6	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		08/09/17 01:02	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/09/17 01:02	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		08/09/17 01:02	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		08/09/17 01:02	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		08/09/17 01:02	74-87-3	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		08/09/17 01:02	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		08/09/17 01:02	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		08/09/17 01:02	96-12-8	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		08/09/17 01:02	124-48-1	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		08/09/17 01:02	106-93-4	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		08/09/17 01:02	74-95-3	

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ANALYTICAL RESULTS

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154369

Sample: SB-44-S **Lab ID: 40154369027** Collected: 08/01/17 11:10 Received: 08/03/17 09:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/09/17 01:02	95-50-1	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/09/17 01:02	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/09/17 01:02	106-46-7	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		08/09/17 01:02	75-71-8	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		08/09/17 01:02	75-34-3	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		08/09/17 01:02	107-06-2	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		08/09/17 01:02	75-35-4	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		08/09/17 01:02	156-59-2	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		08/09/17 01:02	156-60-5	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		08/09/17 01:02	78-87-5	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		08/09/17 01:02	142-28-9	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		08/09/17 01:02	594-20-7	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		08/09/17 01:02	563-58-6	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		08/09/17 01:02	10061-01-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		08/09/17 01:02	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		08/09/17 01:02	108-20-3	
Ethylbenzene	**1.3**	ug/L	1.0	0.50	1		08/09/17 01:02	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		08/09/17 01:02	87-68-3	
Isopropylbenzene (Cumene)	**0.18J**	ug/L	1.0	0.14	1		08/09/17 01:02	98-82-8	
p-Isopropyltoluene	**<0.50**	ug/L	1.0	0.50	1		08/09/17 01:02	99-87-6	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		08/09/17 01:02	75-09-2	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		08/09/17 01:02	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		08/09/17 01:02	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/09/17 01:02	103-65-1	
Styrene	**<0.50**	ug/L	1.0	0.50	1		08/09/17 01:02	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		08/09/17 01:02	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.25**	ug/L	1.0	0.25	1		08/09/17 01:02	79-34-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		08/09/17 01:02	127-18-4	
Toluene	**10.8**	ug/L	1.0	0.50	1		08/09/17 01:02	108-88-3	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		08/09/17 01:02	87-61-6	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		08/09/17 01:02	120-82-1	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		08/09/17 01:02	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		08/09/17 01:02	79-00-5	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		08/09/17 01:02	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		08/09/17 01:02	75-69-4	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		08/09/17 01:02	96-18-4	
1,2,4-Trimethylbenzene	**0.73J**	ug/L	1.0	0.50	1		08/09/17 01:02	95-63-6	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/09/17 01:02	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		08/09/17 01:02	75-01-4	
m&p-Xylene	**5.2**	ug/L	2.0	1.0	1		08/09/17 01:02	179601-23-1	
o-Xylene	**2.2**	ug/L	1.0	0.50	1		08/09/17 01:02	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	93	%	61-130		1		08/09/17 01:02	460-00-4	
Dibromofluoromethane (S)	96	%	67-130		1		08/09/17 01:02	1868-53-7	
Toluene-d8 (S)	98	%	70-130		1		08/09/17 01:02	2037-26-5	

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ANALYTICAL RESULTS

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154369

Sample: SB-48-S **Lab ID: 40154369028** Collected: 08/01/17 11:40 Received: 08/03/17 09:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**25.8**	ug/L	25.0	8.3	1	08/08/17 08:17	08/08/17 16:20	7440-38-2	
Barium	**239**	ug/L	5.0	1.5	1	08/08/17 08:17	08/08/17 16:20	7440-39-3	
Cadmium	**<1.3**	ug/L	5.0	1.3	1	08/08/17 08:17	08/08/17 16:20	7440-43-9	
Chromium	**61.5**	ug/L	10.0	2.5	1	08/08/17 08:17	08/08/17 16:20	7440-47-3	
Lead	**44.7**	ug/L	13.0	4.3	1	08/08/17 08:17	08/08/17 16:20	7439-92-1	
Selenium	**<16.6**	ug/L	50.0	16.6	1	08/08/17 08:17	08/08/17 16:20	7782-49-2	
Silver	**<3.3**	ug/L	10.0	3.3	1	08/08/17 08:17	08/08/17 16:20	7440-22-4	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**<0.13**	ug/L	0.42	0.13	1	08/11/17 10:35	08/14/17 10:01	7439-97-6	
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510								
1,2,4-Trichlorobenzene	**<1.9**	ug/L	6.5	1.9	1	08/07/17 08:15	08/14/17 13:39	120-82-1	
1,2-Dichlorobenzene	**<1.8**	ug/L	6.1	1.8	1	08/07/17 08:15	08/14/17 13:39	95-50-1	
1,3-Dichlorobenzene	**<1.8**	ug/L	6.0	1.8	1	08/07/17 08:15	08/14/17 13:39	541-73-1	
1,4-Dichlorobenzene	**<1.8**	ug/L	6.0	1.8	1	08/07/17 08:15	08/14/17 13:39	106-46-7	
2,2'-Oxybis(1-chloropropane)	**<1.5**	ug/L	4.8	1.5	1	08/07/17 08:15	08/14/17 13:39	108-60-1	
2,4,5-Trichlorophenol	**<0.80**	ug/L	2.7	0.80	1	08/07/17 08:15	08/14/17 13:39	95-95-4	
2,4,6-Trichlorophenol	**<2.0**	ug/L	6.7	2.0	1	08/07/17 08:15	08/14/17 13:39	88-06-2	
2,4-Dichlorophenol	**<1.3**	ug/L	4.3	1.3	1	08/07/17 08:15	08/14/17 13:39	120-83-2	
2,4-Dimethylphenol	**<1.2**	ug/L	4.0	1.2	1	08/07/17 08:15	08/14/17 13:39	105-67-9	
2,4-Dinitrophenol	**<0.68**	ug/L	2.3	0.68	1	08/07/17 08:15	08/14/17 13:39	51-28-5	
2,4-Dinitrotoluene	**<0.75**	ug/L	2.5	0.75	1	08/07/17 08:15	08/14/17 13:39	121-14-2	
2,6-Dinitrotoluene	**<0.57**	ug/L	1.9	0.57	1	08/07/17 08:15	08/14/17 13:39	606-20-2	
2-Chloronaphthalene	**<1.6**	ug/L	5.2	1.6	1	08/07/17 08:15	08/14/17 13:39	91-58-7	
2-Chlorophenol	**<1.1**	ug/L	3.7	1.1	1	08/07/17 08:15	08/14/17 13:39	95-57-8	
2-Methylnaphthalene	**<1.4**	ug/L	4.8	1.4	1	08/07/17 08:15	08/14/17 13:39	91-57-6	
2-Methylphenol(o-Cresol)	**<0.83**	ug/L	2.8	0.83	1	08/07/17 08:15	08/14/17 13:39	95-48-7	
2-Nitroaniline	**<0.74**	ug/L	2.5	0.74	1	08/07/17 08:15	08/14/17 13:39	88-74-4	
2-Nitrophenol	**<1.1**	ug/L	3.7	1.1	1	08/07/17 08:15	08/14/17 13:39	88-75-5	
3&4-Methylphenol(m&p Cresol)	**<1.5**	ug/L	5.0	1.5	1	08/07/17 08:15	08/14/17 13:39		
3,3'-Dichlorobenzidine	**<0.86**	ug/L	2.9	0.86	1	08/07/17 08:15	08/14/17 13:39	91-94-1	
3-Nitroaniline	**<0.92**	ug/L	3.1	0.92	1	08/07/17 08:15	08/14/17 13:39	99-09-2	
4,6-Dinitro-2-methylphenol	**<0.62**	ug/L	2.1	0.62	1	08/07/17 08:15	08/14/17 13:39	534-52-1	
4-Bromophenylphenyl ether	**<1.9**	ug/L	6.3	1.9	1	08/07/17 08:15	08/14/17 13:39	101-55-3	
4-Chloro-3-methylphenol	**<1.6**	ug/L	5.4	1.6	1	08/07/17 08:15	08/14/17 13:39	59-50-7	
4-Chloroaniline	**<1.0**	ug/L	3.5	1.0	1	08/07/17 08:15	08/14/17 13:39	106-47-8	
4-Chlorophenylphenyl ether	**<0.78**	ug/L	2.6	0.78	1	08/07/17 08:15	08/14/17 13:39	7005-72-3	
4-Nitroaniline	**<1.7**	ug/L	5.8	1.7	1	08/07/17 08:15	08/14/17 13:39	100-01-6	
4-Nitrophenol	**<1.0**	ug/L	3.3	1.0	1	08/07/17 08:15	08/14/17 13:39	100-02-7	
Acenaphthene	**<1.3**	ug/L	4.3	1.3	1	08/07/17 08:15	08/14/17 13:39	83-32-9	
Acenaphthylene	**<1.0**	ug/L	3.4	1.0	1	08/07/17 08:15	08/14/17 13:39	208-96-8	
Anthracene	**<1.7**	ug/L	5.7	1.7	1	08/07/17 08:15	08/14/17 13:39	120-12-7	
Benzo(a)anthracene	**<0.51**	ug/L	1.7	0.51	1	08/07/17 08:15	08/14/17 13:39	56-55-3	
Benzo(a)pyrene	**<1.8**	ug/L	6.0	1.8	1	08/07/17 08:15	08/14/17 13:39	50-32-8	
Benzo(b)fluoranthene	**<0.62**	ug/L	2.1	0.62	1	08/07/17 08:15	08/14/17 13:39	205-99-2	

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ANALYTICAL RESULTS

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154369

Sample: SB-48-S **Lab ID: 40154369028** Collected: 08/01/17 11:40 Received: 08/03/17 09:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510								
Benzo(g,h,i)perylene	**<0.77**	ug/L	2.6	0.77	1	08/07/17 08:15	08/14/17 13:39	191-24-2	
Benzo(k)fluoranthene	**<0.95**	ug/L	3.2	0.95	1	08/07/17 08:15	08/14/17 13:39	207-08-9	
Butylbenzylphthalate	**<0.74**	ug/L	2.5	0.74	1	08/07/17 08:15	08/14/17 13:39	85-68-7	
Carbazole	**<0.71**	ug/L	2.4	0.71	1	08/07/17 08:15	08/14/17 13:39	86-74-8	
Chrysene	**<1.7**	ug/L	5.5	1.7	1	08/07/17 08:15	08/14/17 13:39	218-01-9	
Di-n-butylphthalate	**<2.4**	ug/L	8.1	2.4	1	08/07/17 08:15	08/14/17 13:39	84-74-2	
Di-n-octylphthalate	**<1.8**	ug/L	6.0	1.8	1	08/07/17 08:15	08/14/17 13:39	117-84-0	
Dibenz(a,h)anthracene	**<1.3**	ug/L	4.2	1.3	1	08/07/17 08:15	08/14/17 13:39	53-70-3	
Dibenzofuran	**<0.73**	ug/L	2.4	0.73	1	08/07/17 08:15	08/14/17 13:39	132-64-9	
Diethylphthalate	**<1.0**	ug/L	3.4	1.0	1	08/07/17 08:15	08/14/17 13:39	84-66-2	
Dimethylphthalate	**<1.8**	ug/L	6.1	1.8	1	08/07/17 08:15	08/14/17 13:39	131-11-3	
Fluoranthene	**<0.54**	ug/L	1.8	0.54	1	08/07/17 08:15	08/14/17 13:39	206-44-0	
Fluorene	**<0.71**	ug/L	2.4	0.71	1	08/07/17 08:15	08/14/17 13:39	86-73-7	
Hexachloro-1,3-butadiene	**<2.3**	ug/L	7.8	2.3	1	08/07/17 08:15	08/14/17 13:39	87-68-3	
Hexachlorobenzene	**<1.6**	ug/L	5.4	1.6	1	08/07/17 08:15	08/14/17 13:39	118-74-1	
Hexachlorocyclopentadiene	**<0.65**	ug/L	2.2	0.65	1	08/07/17 08:15	08/14/17 13:39	77-47-4	
Hexachloroethane	**<2.5**	ug/L	8.4	2.5	1	08/07/17 08:15	08/14/17 13:39	67-72-1	
Indeno(1,2,3-cd)pyrene	**<1.4**	ug/L	4.8	1.4	1	08/07/17 08:15	08/14/17 13:39	193-39-5	
Isophorone	**<0.70**	ug/L	2.3	0.70	1	08/07/17 08:15	08/14/17 13:39	78-59-1	
N-Nitroso-di-n-propylamine	**<0.92**	ug/L	3.1	0.92	1	08/07/17 08:15	08/14/17 13:39	621-64-7	
N-Nitrosodiphenylamine	**<3.4**	ug/L	11.2	3.4	1	08/07/17 08:15	08/14/17 13:39	86-30-6	
Naphthalene	**<1.8**	ug/L	6.0	1.8	1	08/07/17 08:15	08/14/17 13:39	91-20-3	
Nitrobenzene	**<1.4**	ug/L	4.6	1.4	1	08/07/17 08:15	08/14/17 13:39	98-95-3	
Pentachlorophenol	**<1.4**	ug/L	4.6	1.4	1	08/07/17 08:15	08/14/17 13:39	87-86-5	
Phenanthrene	**<1.7**	ug/L	5.8	1.7	1	08/07/17 08:15	08/14/17 13:39	85-01-8	
Phenol	**<0.57**	ug/L	1.9	0.57	1	08/07/17 08:15	08/14/17 13:39	108-95-2	
Pyrene	**<1.3**	ug/L	4.3	1.3	1	08/07/17 08:15	08/14/17 13:39	129-00-0	
bis(2-Chloroethoxy)methane	**<0.95**	ug/L	3.2	0.95	1	08/07/17 08:15	08/14/17 13:39	111-91-1	
bis(2-Chloroethyl) ether	**<1.5**	ug/L	5.0	1.5	1	08/07/17 08:15	08/14/17 13:39	111-44-4	
bis(2-Ethylhexyl)phthalate	**2.1J**	ug/L	2.2	0.66	1	08/07/17 08:15	08/14/17 13:39	117-81-7	
Surrogates									
Nitrobenzene-d5 (S)	85	%	53-100		1	08/07/17 08:15	08/14/17 13:39	4165-60-0	
2-Fluorobiphenyl (S)	73	%	59-109		1	08/07/17 08:15	08/14/17 13:39	321-60-8	
Terphenyl-d14 (S)	74	%	59-108		1	08/07/17 08:15	08/14/17 13:39	1718-51-0	
Phenol-d6 (S)	28	%	18-120		1	08/07/17 08:15	08/14/17 13:39	13127-88-3	
2-Fluorophenol (S)	47	%	27-67		1	08/07/17 08:15	08/14/17 13:39	367-12-4	
2,4,6-Tribromophenol (S)	103	%	65-140		1	08/07/17 08:15	08/14/17 13:39	118-79-6	
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<0.50**	ug/L	1.0	0.50	1		08/09/17 01:25	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		08/09/17 01:25	108-86-1	
Bromochloromethane	**<0.34**	ug/L	1.0	0.34	1		08/09/17 01:25	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		08/09/17 01:25	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		08/09/17 01:25	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		08/09/17 01:25	74-83-9	
n-Butylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/09/17 01:25	104-51-8	

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ANALYTICAL RESULTS

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154369

Sample: SB-48-S **Lab ID: 40154369028** Collected: 08/01/17 11:40 Received: 08/03/17 09:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		08/09/17 01:25	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		08/09/17 01:25	98-06-6	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		08/09/17 01:25	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/09/17 01:25	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		08/09/17 01:25	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		08/09/17 01:25	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		08/09/17 01:25	74-87-3	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		08/09/17 01:25	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		08/09/17 01:25	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		08/09/17 01:25	96-12-8	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		08/09/17 01:25	124-48-1	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		08/09/17 01:25	106-93-4	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		08/09/17 01:25	74-95-3	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/09/17 01:25	95-50-1	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/09/17 01:25	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/09/17 01:25	106-46-7	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		08/09/17 01:25	75-71-8	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		08/09/17 01:25	75-34-3	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		08/09/17 01:25	107-06-2	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		08/09/17 01:25	75-35-4	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		08/09/17 01:25	156-59-2	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		08/09/17 01:25	156-60-5	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		08/09/17 01:25	78-87-5	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		08/09/17 01:25	142-28-9	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		08/09/17 01:25	594-20-7	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		08/09/17 01:25	563-58-6	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		08/09/17 01:25	10061-01-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		08/09/17 01:25	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		08/09/17 01:25	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/09/17 01:25	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		08/09/17 01:25	87-68-3	
Isopropylbenzene (Cumene)	**<0.14**	ug/L	1.0	0.14	1		08/09/17 01:25	98-82-8	
p-Isopropyltoluene	**<0.50**	ug/L	1.0	0.50	1		08/09/17 01:25	99-87-6	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		08/09/17 01:25	75-09-2	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		08/09/17 01:25	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		08/09/17 01:25	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/09/17 01:25	103-65-1	
Styrene	**<0.50**	ug/L	1.0	0.50	1		08/09/17 01:25	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		08/09/17 01:25	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.25**	ug/L	1.0	0.25	1		08/09/17 01:25	79-34-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		08/09/17 01:25	127-18-4	
Toluene	**<0.50**	ug/L	1.0	0.50	1		08/09/17 01:25	108-88-3	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		08/09/17 01:25	87-61-6	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		08/09/17 01:25	120-82-1	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		08/09/17 01:25	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		08/09/17 01:25	79-00-5	

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ANALYTICAL RESULTS

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154369

Sample: SB-48-S **Lab ID: 40154369028** Collected: 08/01/17 11:40 Received: 08/03/17 09:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		08/09/17 01:25	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		08/09/17 01:25	75-69-4	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		08/09/17 01:25	96-18-4	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/09/17 01:25	95-63-6	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/09/17 01:25	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		08/09/17 01:25	75-01-4	
m&p-Xylene	**<1.0**	ug/L	2.0	1.0	1		08/09/17 01:25	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		08/09/17 01:25	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	86	%	61-130		1		08/09/17 01:25	460-00-4	
Dibromofluoromethane (S)	102	%	67-130		1		08/09/17 01:25	1868-53-7	
Toluene-d8 (S)	96	%	70-130		1		08/09/17 01:25	2037-26-5	

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QUALITY CONTROL DATA

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154369

QC Batch: 264303 | Analysis Method: EPA 7470
QC Batch Method: EPA 7470 | Analysis Description: 7470 Mercury
Associated Lab Samples: 40154369017, 40154369018, 40154369023, 40154369024, 40154369028

METHOD BLANK: 1555458 | Matrix: Water
Associated Lab Samples: 40154369017, 40154369018, 40154369023, 40154369024, 40154369028

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	<0.13	0.42	08/14/17 09:07	

LABORATORY CONTROL SAMPLE: 1555459

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	5	4.7	94	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1555460 1555461

Parameter	Units	40154413004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	ug/L	<0.13	5	5	4.5	4.7	89	94	85-115	5	20	

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QUALITY CONTROL DATA

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154369

QC Batch: 264416 | Analysis Method: EPA 7471
QC Batch Method: EPA 7471 | Analysis Description: 7471 Mercury
Associated Lab Samples: 40154369009, 40154369010, 40154369011, 40154369012, 40154369015, 40154369016

METHOD BLANK: 1556304 | Matrix: Solid
Associated Lab Samples: 40154369009, 40154369010, 40154369011, 40154369012, 40154369015, 40154369016

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	mg/kg	<0.011	0.037	08/15/17 11:13	

LABORATORY CONTROL SAMPLE: 1556305

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/kg	.83	0.74	89	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1556306 1556307

Parameter	Units	40154621001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	mg/kg	0.016J	.89	.9	0.79	0.84	87	92	85-115	6	20	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154369

QC Batch: 263652 | Analysis Method: EPA 6010
QC Batch Method: EPA 3050 | Analysis Description: 6010 MET
Associated Lab Samples: 40154369001, 40154369002, 40154369003, 40154369004, 40154369005, 40154369006, 40154369007, 40154369008, 40154369013, 40154369014

METHOD BLANK: 1551819 | Matrix: Solid
Associated Lab Samples: 40154369001, 40154369002, 40154369003, 40154369004, 40154369005, 40154369006, 40154369007, 40154369008, 40154369013, 40154369014

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	mg/kg	<0.43	1.3	08/09/17 16:47	

LABORATORY CONTROL SAMPLE & LCSD: 1551820 1551824

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Lead	mg/kg	50	45.8	44.6	92	89	80-120	3	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1551821 1551822

Parameter	Units	40154316001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Lead	mg/kg	29.3	58.7	58.3	79.6	76.2	86	80	75-125	4	20	

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QUALITY CONTROL DATA

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154369

QC Batch: 263850 | Analysis Method: EPA 6010
QC Batch Method: EPA 3050 | Analysis Description: 6010 MET
Associated Lab Samples: 40154369009, 40154369010, 40154369011, 40154369012, 40154369015, 40154369016

METHOD BLANK: 1552770 | Matrix: Solid
Associated Lab Samples: 40154369009, 40154369010, 40154369011, 40154369012, 40154369015, 40154369016

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/kg	<1.0	5.0	08/09/17 10:26	
Barium	mg/kg	<0.15	0.50	08/09/17 10:26	
Cadmium	mg/kg	<0.13	0.50	08/09/17 10:26	
Chromium	mg/kg	<0.28	1.0	08/09/17 10:26	
Lead	mg/kg	<0.43	1.3	08/09/17 10:26	
Selenium	mg/kg	<1.1	5.0	08/09/17 10:26	
Silver	mg/kg	<0.34	1.0	08/09/17 10:26	

LABORATORY CONTROL SAMPLE: 1552771

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/kg	50	49.6	99	80-120	
Barium	mg/kg	50	52.6	105	80-120	
Cadmium	mg/kg	50	51.3	103	80-120	
Chromium	mg/kg	50	51.9	104	80-120	
Lead	mg/kg	50	50.6	101	80-120	
Selenium	mg/kg	50	52.2	104	80-120	
Silver	mg/kg	25	25.9	104	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1552772 1552773

Parameter	Units	40154516001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Arsenic	mg/kg	8.0	60.8	61.2	64.8	66.3	93	95	75-125	2	20	
Barium	mg/kg	77.1	60.8	61.2	143	147	109	114	75-125	2	20	
Cadmium	mg/kg	0.24J	60.8	61.2	58.6	60.2	96	98	75-125	3	20	
Chromium	mg/kg	28.8	60.8	61.2	87.8	90.3	97	101	75-125	3	20	
Lead	mg/kg	56.0	60.8	61.2	70.8	106	24	82	75-125	40	20	M0,R1
Selenium	mg/kg	<1.4	60.8	61.2	58.0	59.1	95	97	75-125	2	20	
Silver	mg/kg	<0.42	30.4	30.6	30.8	31.6	100	102	75-125	3	20	

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QUALITY CONTROL DATA

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154369

QC Batch: 263825 | Analysis Method: EPA 6010
QC Batch Method: EPA 3010 | Analysis Description: 6010 MET
Associated Lab Samples: 40154369017, 40154369018, 40154369019, 40154369020, 40154369021, 40154369022, 40154369023, 40154369024, 40154369025, 40154369026, 40154369027, 40154369028

METHOD BLANK: 1552619 | Matrix: Water
Associated Lab Samples: 40154369017, 40154369018, 40154369019, 40154369020, 40154369021, 40154369022, 40154369023, 40154369024, 40154369025, 40154369026, 40154369027, 40154369028

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	ug/L	<8.3	25.0	08/08/17 15:38	
Barium	ug/L	<1.5	5.0	08/08/17 15:38	
Cadmium	ug/L	<1.3	5.0	08/08/17 15:38	
Chromium	ug/L	<2.5	10.0	08/08/17 15:38	
Lead	ug/L	<4.3	13.0	08/08/17 15:38	
Selenium	ug/L	<16.6	50.0	08/08/17 15:38	
Silver	ug/L	<3.3	10.0	08/08/17 15:38	

LABORATORY CONTROL SAMPLE: 1552620

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	ug/L	500	465	93	80-120	
Barium	ug/L	500	508	102	80-120	
Cadmium	ug/L	500	483	97	80-120	
Chromium	ug/L	500	496	99	80-120	
Lead	ug/L	500	469	94	80-120	
Selenium	ug/L	500	507	101	80-120	
Silver	ug/L	250	254	102	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1552621 1552622

Parameter	Units	40154369017 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Arsenic	ug/L	11.3J	500	500	496	491	97	96	75-125	1	20	
Barium	ug/L	164	500	500	686	676	105	102	75-125	2	20	
Cadmium	ug/L	<1.3	500	500	508	497	101	99	75-125	2	20	
Chromium	ug/L	6.8J	500	500	507	497	100	98	75-125	2	20	
Lead	ug/L	<4.3	500	500	480	464	95	92	75-125	3	20	
Selenium	ug/L	<16.6	500	500	529	523	105	104	75-125	1	20	
Silver	ug/L	<3.3	250	250	266	264	106	105	75-125	1	20	

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QUALITY CONTROL DATA

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154369

QC Batch: 263623 | Analysis Method: EPA 8260
QC Batch Method: EPA 5035/5030B | Analysis Description: 8260 MSV Med Level Normal List
Associated Lab Samples: 40154369002, 40154369003, 40154369004, 40154369005, 40154369006, 40154369007, 40154369008, 40154369009

METHOD BLANK: 1551628 | Matrix: Solid
Associated Lab Samples: 40154369002, 40154369003, 40154369004, 40154369005, 40154369006, 40154369007, 40154369008, 40154369009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	<13.7	50.0	08/04/17 16:37	
1,1,1-Trichloroethane	ug/kg	<14.4	50.0	08/04/17 16:37	
1,1,2,2-Tetrachloroethane	ug/kg	<17.5	50.0	08/04/17 16:37	
1,1,2-Trichloroethane	ug/kg	<20.2	50.0	08/04/17 16:37	
1,1-Dichloroethane	ug/kg	<17.6	50.0	08/04/17 16:37	
1,1-Dichloroethene	ug/kg	<17.6	50.0	08/04/17 16:37	
1,1-Dichloropropene	ug/kg	<14.0	50.0	08/04/17 16:37	
1,2,3-Trichlorobenzene	ug/kg	<17.0	50.0	08/04/17 16:37	
1,2,3-Trichloropropane	ug/kg	<22.3	50.0	08/04/17 16:37	
1,2,4-Trichlorobenzene	ug/kg	<47.6	250	08/04/17 16:37	
1,2,4-Trimethylbenzene	ug/kg	<12.2	50.0	08/04/17 16:37	
1,2-Dibromo-3-chloropropane	ug/kg	<91.2	250	08/04/17 16:37	
1,2-Dibromoethane (EDB)	ug/kg	<14.7	50.0	08/04/17 16:37	
1,2-Dichlorobenzene	ug/kg	<16.2	50.0	08/04/17 16:37	
1,2-Dichloroethane	ug/kg	<15.0	50.0	08/04/17 16:37	
1,2-Dichloropropane	ug/kg	<16.8	50.0	08/04/17 16:37	
1,3,5-Trimethylbenzene	ug/kg	<14.5	50.0	08/04/17 16:37	
1,3-Dichlorobenzene	ug/kg	<13.2	50.0	08/04/17 16:37	
1,3-Dichloropropane	ug/kg	<12.0	50.0	08/04/17 16:37	
1,4-Dichlorobenzene	ug/kg	<15.9	50.0	08/04/17 16:37	
2,2-Dichloropropane	ug/kg	<12.6	50.0	08/04/17 16:37	
2-Chlorotoluene	ug/kg	<15.8	50.0	08/04/17 16:37	
4-Chlorotoluene	ug/kg	<13.0	50.0	08/04/17 16:37	
Benzene	ug/kg	<9.2	20.0	08/04/17 16:37	
Bromobenzene	ug/kg	<20.6	50.0	08/04/17 16:37	
Bromochloromethane	ug/kg	<21.4	50.0	08/04/17 16:37	
Bromodichloromethane	ug/kg	<9.8	50.0	08/04/17 16:37	
Bromoform	ug/kg	<19.8	50.0	08/04/17 16:37	
Bromomethane	ug/kg	<69.9	250	08/04/17 16:37	
Carbon tetrachloride	ug/kg	<12.1	50.0	08/04/17 16:37	
Chlorobenzene	ug/kg	<14.8	50.0	08/04/17 16:37	
Chloroethane	ug/kg	<67.0	250	08/04/17 16:37	
Chloroform	ug/kg	<46.4	250	08/04/17 16:37	
Chloromethane	ug/kg	<20.4	50.0	08/04/17 16:37	
cis-1,2-Dichloroethene	ug/kg	<16.6	50.0	08/04/17 16:37	
cis-1,3-Dichloropropene	ug/kg	<16.6	50.0	08/04/17 16:37	
Dibromochloromethane	ug/kg	<17.9	50.0	08/04/17 16:37	
Dibromomethane	ug/kg	<19.3	50.0	08/04/17 16:37	
Dichlorodifluoromethane	ug/kg	<12.3	50.0	08/04/17 16:37	
Diisopropyl ether	ug/kg	<17.7	50.0	08/04/17 16:37	

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QUALITY CONTROL DATA

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154369

METHOD BLANK: 1551628 Matrix: Solid

Associated Lab Samples: 40154369002, 40154369003, 40154369004, 40154369005, 40154369006, 40154369007, 40154369008, 40154369009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/kg	<12.4	50.0	08/04/17 16:37	
Hexachloro-1,3-butadiene	ug/kg	<24.5	50.0	08/04/17 16:37	
Isopropylbenzene (Cumene)	ug/kg	<12.6	50.0	08/04/17 16:37	
m&p-Xylene	ug/kg	<34.4	100	08/04/17 16:37	
Methyl-tert-butyl ether	ug/kg	<12.7	50.0	08/04/17 16:37	
Methylene Chloride	ug/kg	<16.2	50.0	08/04/17 16:37	
n-Butylbenzene	ug/kg	<10.5	50.0	08/04/17 16:37	
n-Propylbenzene	ug/kg	<11.6	50.0	08/04/17 16:37	
Naphthalene	ug/kg	<40.0	250	08/04/17 16:37	
o-Xylene	ug/kg	<14.0	50.0	08/04/17 16:37	
p-Isopropyltoluene	ug/kg	<12.0	50.0	08/04/17 16:37	
sec-Butylbenzene	ug/kg	<11.9	50.0	08/04/17 16:37	
Styrene	ug/kg	<9.0	50.0	08/04/17 16:37	
tert-Butylbenzene	ug/kg	<9.5	50.0	08/04/17 16:37	
Tetrachloroethene	ug/kg	<12.9	50.0	08/04/17 16:37	
Toluene	ug/kg	<11.2	50.0	08/04/17 16:37	
trans-1,2-Dichloroethene	ug/kg	<16.5	50.0	08/04/17 16:37	
trans-1,3-Dichloropropene	ug/kg	<14.4	50.0	08/04/17 16:37	
Trichloroethene	ug/kg	<23.6	50.0	08/04/17 16:37	
Trichlorofluoromethane	ug/kg	<24.7	50.0	08/04/17 16:37	
Vinyl chloride	ug/kg	<21.1	50.0	08/04/17 16:37	
4-Bromofluorobenzene (S)	%	87	58-141	08/04/17 16:37	
Dibromofluoromethane (S)	%	104	68-130	08/04/17 16:37	
Toluene-d8 (S)	%	105	68-149	08/04/17 16:37	

LABORATORY CONTROL SAMPLE: 1551629

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/kg	2500	2350	94	61-122	
1,1,2,2-Tetrachloroethane	ug/kg	2500	2700	108	73-130	
1,1,2-Trichloroethane	ug/kg	2500	2740	109	70-130	
1,1-Dichloroethane	ug/kg	2500	2520	101	63-124	
1,1-Dichloroethene	ug/kg	2500	2400	96	53-117	
1,2,4-Trichlorobenzene	ug/kg	2500	2340	94	78-130	
1,2-Dibromo-3-chloropropane	ug/kg	2500	2190	88	49-140	
1,2-Dibromoethane (EDB)	ug/kg	2500	2560	102	70-130	
1,2-Dichlorobenzene	ug/kg	2500	2550	102	70-130	
1,2-Dichloroethane	ug/kg	2500	2340	94	56-135	
1,2-Dichloropropane	ug/kg	2500	2590	104	77-122	
1,3-Dichlorobenzene	ug/kg	2500	2490	100	70-130	
1,4-Dichlorobenzene	ug/kg	2500	2510	101	70-130	
Benzene	ug/kg	2500	2580	103	66-130	
Bromodichloromethane	ug/kg	2500	2220	89	62-135	

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QUALITY CONTROL DATA

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154369

LABORATORY CONTROL SAMPLE: 1551629

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromoform	ug/kg	2500	2610	104	68-130	
Bromomethane	ug/kg	2500	2470	99	29-137	
Carbon tetrachloride	ug/kg	2500	2190	88	57-130	
Chlorobenzene	ug/kg	2500	2650	106	70-130	
Chloroethane	ug/kg	2500	2690	108	36-144	
Chloroform	ug/kg	2500	2360	95	69-115	
Chloromethane	ug/kg	2500	2170	87	32-126	
cis-1,2-Dichloroethene	ug/kg	2500	2610	104	65-130	
cis-1,3-Dichloropropene	ug/kg	2500	2330	93	70-130	
Dibromochloromethane	ug/kg	2500	2580	103	70-130	
Dichlorodifluoromethane	ug/kg	2500	1550	62	10-99	
Ethylbenzene	ug/kg	2500	2530	101	82-122	
Isopropylbenzene (Cumene)	ug/kg	2500	2510	100	70-130	
m&p-Xylene	ug/kg	5000	5390	108	70-130	
Methyl-tert-butyl ether	ug/kg	2500	2620	105	63-134	
Methylene Chloride	ug/kg	2500	2470	99	56-123	
o-Xylene	ug/kg	2500	2580	103	70-130	
Styrene	ug/kg	2500	2660	106	70-130	
Tetrachloroethene	ug/kg	2500	2580	103	70-131	
Toluene	ug/kg	2500	2700	108	80-120	
trans-1,2-Dichloroethene	ug/kg	2500	2600	104	66-130	
trans-1,3-Dichloropropene	ug/kg	2500	2420	97	68-130	
Trichloroethene	ug/kg	2500	2460	98	70-130	
Trichlorofluoromethane	ug/kg	2500	2370	95	37-149	
Vinyl chloride	ug/kg	2500	2540	102	43-128	
4-Bromofluorobenzene (S)	%			97	58-141	
Dibromofluoromethane (S)	%			105	68-130	
Toluene-d8 (S)	%			106	68-149	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1551630 1551631

Parameter	Units	40154301003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1-Trichloroethane	ug/kg	<25.0	1250	1250	1040	1000	83	80	57-123	4	20	
1,1,2,2-Tetrachloroethane	ug/kg	<25.0	1250	1250	1330	1320	106	106	73-135	0	20	
1,1,2-Trichloroethane	ug/kg	<25.0	1250	1250	1340	1400	107	112	70-130	5	20	
1,1-Dichloroethane	ug/kg	<25.0	1250	1250	1170	1190	93	95	63-124	2	20	
1,1-Dichloroethene	ug/kg	<25.0	1250	1250	945	924	76	74	48-117	2	23	
1,2,4-Trichlorobenzene	ug/kg	<47.6	1250	1250	1260	1210	101	97	78-145	5	20	
1,2-Dibromo-3-chloropropane	ug/kg	<91.2	1250	1250	1090	1080	88	86	38-168	2	22	
1,2-Dibromoethane (EDB)	ug/kg	<25.0	1250	1250	1190	1290	95	103	70-130	8	20	
1,2-Dichlorobenzene	ug/kg	<25.0	1250	1250	1290	1290	103	103	70-130	0	20	
1,2-Dichloroethane	ug/kg	<25.0	1250	1250	1130	1130	90	90	56-145	0	20	
1,2-Dichloropropane	ug/kg	<25.0	1250	1250	1290	1300	103	104	77-123	1	20	

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QUALITY CONTROL DATA

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154369

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1551630 1551631

Parameter	Units	40154301003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,3-Dichlorobenzene	ug/kg	<25.0	1250	1250	1250	1230	100	99	70-130	2	20	
1,4-Dichlorobenzene	ug/kg	<25.0	1250	1250	1300	1290	104	103	70-130	1	20	
Benzene	ug/kg	<25.0	1250	1250	1210	1220	97	98	65-130	1	20	
Bromodichloromethane	ug/kg	<25.0	1250	1250	1070	1110	86	89	59-141	4	20	
Bromoform	ug/kg	<25.0	1250	1250	1200	1220	96	97	59-141	1	20	
Bromomethane	ug/kg	<69.9	1250	1250	878	910	70	73	28-139	4	20	
Carbon tetrachloride	ug/kg	<25.0	1250	1250	924	936	74	75	50-130	1	20	
Chlorobenzene	ug/kg	<25.0	1250	1250	1250	1330	100	106	70-130	6	20	
Chloroethane	ug/kg	<67.0	1250	1250	992	981	79	78	36-144	1	20	
Chloroform	ug/kg	<46.4	1250	1250	1150	1140	92	91	68-122	1	20	
Chloromethane	ug/kg	<25.0	1250	1250	633	622	51	50	30-126	2	20	
cis-1,2-Dichloroethene	ug/kg	<25.0	1250	1250	1230	1280	98	102	63-130	4	20	
cis-1,3-Dichloropropene	ug/kg	<25.0	1250	1250	1120	1130	89	90	70-130	1	20	
Dibromochloromethane	ug/kg	<25.0	1250	1250	1220	1250	97	100	66-136	2	20	
Dichlorodifluoromethane	ug/kg	<25.0	1250	1250	313	309	25	25	10-99	1	33	
Ethylbenzene	ug/kg	<25.0	1250	1250	1160	1190	92	95	80-122	3	20	
Isopropylbenzene (Cumene)	ug/kg	<25.0	1250	1250	1130	1120	91	90	70-130	1	20	
m&p-Xylene	ug/kg	<50.0	2500	2500	2500	2540	100	102	70-130	2	20	
Methyl-tert-butyl ether	ug/kg	<25.0	1250	1250	1230	1230	99	99	63-134	0	20	
Methylene Chloride	ug/kg	<25.0	1250	1250	1200	1220	95	96	56-127	1	20	
o-Xylene	ug/kg	<25.0	1250	1250	1210	1250	97	100	70-130	4	20	
Styrene	ug/kg	<25.0	1250	1250	1260	1310	101	105	70-130	3	20	
Tetrachloroethene	ug/kg	<25.0	1250	1250	1120	1170	89	94	70-131	5	20	
Toluene	ug/kg	<25.0	1250	1250	1270	1320	102	106	80-120	4	20	
trans-1,2-Dichloroethene	ug/kg	<25.0	1250	1250	1150	1150	92	92	60-130	1	20	
trans-1,3-Dichloropropene	ug/kg	<25.0	1250	1250	1130	1160	91	93	68-130	2	20	
Trichloroethene	ug/kg	<25.0	1250	1250	1130	1100	91	88	70-130	3	20	
Trichlorofluoromethane	ug/kg	<25.0	1250	1250	808	797	65	64	37-149	1	24	
Vinyl chloride	ug/kg	<25.0	1250	1250	759	734	61	59	39-128	3	20	
4-Bromofluorobenzene (S)	%						106	114	58-141			
Dibromofluoromethane (S)	%						115	123	68-130			
Toluene-d8 (S)	%						117	125	68-149			

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QUALITY CONTROL DATA

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154369

QC Batch: 263747 | Analysis Method: EPA 8260
QC Batch Method: EPA 5035/5030B | Analysis Description: 8260 MSV Med Level Normal List
Associated Lab Samples: 40154369001, 40154369010, 40154369011, 40154369012, 40154369013, 40154369014, 40154369015, 40154369016

METHOD BLANK: 1552371 | Matrix: Solid
Associated Lab Samples: 40154369001, 40154369010, 40154369011, 40154369012, 40154369013, 40154369014, 40154369015, 40154369016

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	<13.7	50.0	08/07/17 10:21	
1,1,1-Trichloroethane	ug/kg	<14.4	50.0	08/07/17 10:21	
1,1,2,2-Tetrachloroethane	ug/kg	<17.5	50.0	08/07/17 10:21	
1,1,2-Trichloroethane	ug/kg	<20.2	50.0	08/07/17 10:21	
1,1-Dichloroethane	ug/kg	<17.6	50.0	08/07/17 10:21	
1,1-Dichloroethene	ug/kg	<17.6	50.0	08/07/17 10:21	
1,1-Dichloropropene	ug/kg	<14.0	50.0	08/07/17 10:21	
1,2,3-Trichlorobenzene	ug/kg	<17.0	50.0	08/07/17 10:21	
1,2,3-Trichloropropane	ug/kg	<22.3	50.0	08/07/17 10:21	
1,2,4-Trichlorobenzene	ug/kg	<47.6	250	08/07/17 10:21	
1,2,4-Trimethylbenzene	ug/kg	<12.2	50.0	08/07/17 10:21	
1,2-Dibromo-3-chloropropane	ug/kg	<91.2	250	08/07/17 10:21	
1,2-Dibromoethane (EDB)	ug/kg	<14.7	50.0	08/07/17 10:21	
1,2-Dichlorobenzene	ug/kg	<16.2	50.0	08/07/17 10:21	
1,2-Dichloroethane	ug/kg	<15.0	50.0	08/07/17 10:21	
1,2-Dichloropropane	ug/kg	<16.8	50.0	08/07/17 10:21	
1,3,5-Trimethylbenzene	ug/kg	<14.5	50.0	08/07/17 10:21	
1,3-Dichlorobenzene	ug/kg	<13.2	50.0	08/07/17 10:21	
1,3-Dichloropropane	ug/kg	<12.0	50.0	08/07/17 10:21	
1,4-Dichlorobenzene	ug/kg	<15.9	50.0	08/07/17 10:21	
2,2-Dichloropropane	ug/kg	<12.6	50.0	08/07/17 10:21	
2-Chlorotoluene	ug/kg	<15.8	50.0	08/07/17 10:21	
4-Chlorotoluene	ug/kg	<13.0	50.0	08/07/17 10:21	
Benzene	ug/kg	<9.2	20.0	08/07/17 10:21	
Bromobenzene	ug/kg	<20.6	50.0	08/07/17 10:21	
Bromochloromethane	ug/kg	<21.4	50.0	08/07/17 10:21	
Bromodichloromethane	ug/kg	<9.8	50.0	08/07/17 10:21	
Bromoform	ug/kg	<19.8	50.0	08/07/17 10:21	
Bromomethane	ug/kg	<69.9	250	08/07/17 10:21	
Carbon tetrachloride	ug/kg	<12.1	50.0	08/07/17 10:21	
Chlorobenzene	ug/kg	<14.8	50.0	08/07/17 10:21	
Chloroethane	ug/kg	<67.0	250	08/07/17 10:21	
Chloroform	ug/kg	<46.4	250	08/07/17 10:21	
Chloromethane	ug/kg	<20.4	50.0	08/07/17 10:21	
cis-1,2-Dichloroethene	ug/kg	<16.6	50.0	08/07/17 10:21	
cis-1,3-Dichloropropene	ug/kg	<16.6	50.0	08/07/17 10:21	
Dibromochloromethane	ug/kg	<17.9	50.0	08/07/17 10:21	
Dibromomethane	ug/kg	<19.3	50.0	08/07/17 10:21	
Dichlorodifluoromethane	ug/kg	<12.3	50.0	08/07/17 10:21	
Diisopropyl ether	ug/kg	<17.7	50.0	08/07/17 10:21	

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QUALITY CONTROL DATA

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154369

METHOD BLANK: 1552371 Matrix: Solid

Associated Lab Samples: 40154369001, 40154369010, 40154369011, 40154369012, 40154369013, 40154369014, 40154369015, 40154369016

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/kg	<12.4	50.0	08/07/17 10:21	
Hexachloro-1,3-butadiene	ug/kg	<24.5	50.0	08/07/17 10:21	
Isopropylbenzene (Cumene)	ug/kg	<12.6	50.0	08/07/17 10:21	
m&p-Xylene	ug/kg	<34.4	100	08/07/17 10:21	
Methyl-tert-butyl ether	ug/kg	<12.7	50.0	08/07/17 10:21	
Methylene Chloride	ug/kg	<16.2	50.0	08/07/17 10:21	
n-Butylbenzene	ug/kg	<10.5	50.0	08/07/17 10:21	
n-Propylbenzene	ug/kg	<11.6	50.0	08/07/17 10:21	
Naphthalene	ug/kg	<40.0	250	08/07/17 10:21	
o-Xylene	ug/kg	<14.0	50.0	08/07/17 10:21	
p-Isopropyltoluene	ug/kg	<12.0	50.0	08/07/17 10:21	
sec-Butylbenzene	ug/kg	<11.9	50.0	08/07/17 10:21	
Styrene	ug/kg	<9.0	50.0	08/07/17 10:21	
tert-Butylbenzene	ug/kg	<9.5	50.0	08/07/17 10:21	
Tetrachloroethene	ug/kg	<12.9	50.0	08/07/17 10:21	
Toluene	ug/kg	<11.2	50.0	08/07/17 10:21	
trans-1,2-Dichloroethene	ug/kg	<16.5	50.0	08/07/17 10:21	
trans-1,3-Dichloropropene	ug/kg	<14.4	50.0	08/07/17 10:21	
Trichloroethene	ug/kg	<23.6	50.0	08/07/17 10:21	
Trichlorofluoromethane	ug/kg	<24.7	50.0	08/07/17 10:21	
Vinyl chloride	ug/kg	<21.1	50.0	08/07/17 10:21	
4-Bromofluorobenzene (S)	%	97	58-141	08/07/17 10:21	
Dibromofluoromethane (S)	%	104	68-130	08/07/17 10:21	
Toluene-d8 (S)	%	108	68-149	08/07/17 10:21	

LABORATORY CONTROL SAMPLE: 1552372

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/kg	2500	2560	102	61-122	
1,1,2,2-Tetrachloroethane	ug/kg	2500	2470	99	73-130	
1,1,2-Trichloroethane	ug/kg	2500	2430	97	70-130	
1,1-Dichloroethane	ug/kg	2500	2480	99	63-124	
1,1-Dichloroethene	ug/kg	2500	2430	97	53-117	
1,2,4-Trichlorobenzene	ug/kg	2500	2430	97	78-130	
1,2-Dibromo-3-chloropropane	ug/kg	2500	2430	97	49-140	
1,2-Dibromoethane (EDB)	ug/kg	2500	2420	97	70-130	
1,2-Dichlorobenzene	ug/kg	2500	2500	100	70-130	
1,2-Dichloroethane	ug/kg	2500	2670	107	56-135	
1,2-Dichloropropane	ug/kg	2500	2560	102	77-122	
1,3-Dichlorobenzene	ug/kg	2500	2500	100	70-130	
1,4-Dichlorobenzene	ug/kg	2500	2410	96	70-130	
Benzene	ug/kg	2500	2550	102	66-130	
Bromodichloromethane	ug/kg	2500	2420	97	62-135	

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QUALITY CONTROL DATA

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154369

LABORATORY CONTROL SAMPLE: 1552372

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromoform	ug/kg	2500	2230	89	68-130	
Bromomethane	ug/kg	2500	2040	82	29-137	
Carbon tetrachloride	ug/kg	2500	2490	100	57-130	
Chlorobenzene	ug/kg	2500	2550	102	70-130	
Chloroethane	ug/kg	2500	2600	104	36-144	
Chloroform	ug/kg	2500	2470	99	69-115	
Chloromethane	ug/kg	2500	2740	110	32-126	
cis-1,2-Dichloroethene	ug/kg	2500	2430	97	65-130	
cis-1,3-Dichloropropene	ug/kg	2500	2520	101	70-130	
Dibromochloromethane	ug/kg	2500	2360	94	70-130	
Dichlorodifluoromethane	ug/kg	2500	1940	78	10-99	
Ethylbenzene	ug/kg	2500	2460	98	82-122	
Isopropylbenzene (Cumene)	ug/kg	2500	2460	99	70-130	
m&p-Xylene	ug/kg	5000	5070	101	70-130	
Methyl-tert-butyl ether	ug/kg	2500	2600	104	63-134	
Methylene Chloride	ug/kg	2500	2510	101	56-123	
o-Xylene	ug/kg	2500	2500	100	70-130	
Styrene	ug/kg	2500	2540	102	70-130	
Tetrachloroethene	ug/kg	2500	2540	102	70-131	
Toluene	ug/kg	2500	2510	100	80-120	
trans-1,2-Dichloroethene	ug/kg	2500	2420	97	66-130	
trans-1,3-Dichloropropene	ug/kg	2500	2540	102	68-130	
Trichloroethene	ug/kg	2500	2450	98	70-130	
Trichlorofluoromethane	ug/kg	2500	2600	104	37-149	
Vinyl chloride	ug/kg	2500	2450	98	43-128	
4-Bromofluorobenzene (S)	%			100	58-141	
Dibromofluoromethane (S)	%			104	68-130	
Toluene-d8 (S)	%			106	68-149	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1552373 1552374

Parameter	Units	40154392008 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1-Trichloroethane	ug/kg	<25.0	1370	1370	1290	1310	94	96	57-123	2	20	
1,1,2,2-Tetrachloroethane	ug/kg	<25.0	1370	1370	941	1310	69	96	73-135	33	20	M1,R1
1,1,2-Trichloroethane	ug/kg	<25.0	1370	1370	953	1350	70	99	70-130	34	20	R1
1,1-Dichloroethane	ug/kg	<25.0	1370	1370	1230	1290	90	95	63-124	5	20	
1,1-Dichloroethene	ug/kg	<25.0	1370	1370	1130	1100	83	81	48-117	3	23	
1,2,4-Trichlorobenzene	ug/kg	<47.6	1370	1370	1410	1450	102	104	78-145	2	20	
1,2-Dibromo-3-chloropropane	ug/kg	<91.2	1370	1370	834	1250	61	91	38-168	40	22	R1
1,2-Dibromoethane (EDB)	ug/kg	<25.0	1370	1370	946	1380	69	101	70-130	37	20	M1,R1
1,2-Dichlorobenzene	ug/kg	<25.0	1370	1370	1310	1420	96	104	70-130	8	20	
1,2-Dichloroethane	ug/kg	<25.0	1370	1370	1070	1430	78	104	56-145	28	20	R1
1,2-Dichloropropane	ug/kg	<25.0	1370	1370	1200	1350	88	99	77-123	12	20	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154369

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1552373 1552374

Parameter	Units	40154392008 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,3-Dichlorobenzene	ug/kg	<25.0	1370	1370	1430	1410	105	103	70-130	2	20	
1,4-Dichlorobenzene	ug/kg	<25.0	1370	1370	1350	1370	98	100	70-130	1	20	
Benzene	ug/kg	<25.0	1370	1370	1240	1350	91	99	65-130	8	20	
Bromodichloromethane	ug/kg	<25.0	1370	1370	1120	1290	82	94	59-141	14	20	
Bromoform	ug/kg	<25.0	1370	1370	907	1230	66	90	59-141	30	20	R1
Bromomethane	ug/kg	<69.9	1370	1370	920	933	67	68	28-139	1	20	
Carbon tetrachloride	ug/kg	<25.0	1370	1370	1230	1250	90	92	50-130	2	20	
Chlorobenzene	ug/kg	<25.0	1370	1370	1350	1450	99	106	70-130	8	20	
Chloroethane	ug/kg	<67.0	1370	1370	1560	1310	114	96	36-144	17	20	
Chloroform	ug/kg	<46.4	1370	1370	1230	1350	89	98	68-122	10	20	
Chloromethane	ug/kg	<25.0	1370	1370	909	911	67	67	30-126	0	20	
cis-1,2-Dichloroethene	ug/kg	<25.0	1370	1370	1230	1310	90	96	63-130	6	20	
cis-1,3-Dichloropropene	ug/kg	<25.0	1370	1370	1100	1340	81	98	70-130	20	20	
Dibromochloromethane	ug/kg	<25.0	1370	1370	941	1280	69	93	66-136	30	20	R1
Dichlorodifluoromethane	ug/kg	<25.0	1370	1370	556	484	41	35	10-99	14	33	
Ethylbenzene	ug/kg	<25.0	1370	1370	1360	1320	99	97	80-122	3	20	
Isopropylbenzene (Cumene)	ug/kg	<25.0	1370	1370	1380	1320	101	97	70-130	4	20	
m&p-Xylene	ug/kg	<50.0	2730	2730	2810	2810	103	103	70-130	0	20	
Methyl-tert-butyl ether	ug/kg	<25.0	1370	1370	939	1390	69	102	63-134	39	20	R1
Methylene Chloride	ug/kg	<25.0	1370	1370	1160	1330	85	97	56-127	14	20	
o-Xylene	ug/kg	<25.0	1370	1370	1380	1380	101	101	70-130	0	20	
Styrene	ug/kg	<25.0	1370	1370	1300	1380	95	101	70-130	7	20	
Tetrachloroethene	ug/kg	<25.0	1370	1370	1420	1380	104	101	70-131	3	20	
Toluene	ug/kg	<25.0	1370	1370	1400	1400	102	102	80-120	0	20	
trans-1,2-Dichloroethene	ug/kg	<25.0	1370	1370	1200	1220	88	89	60-130	2	20	
trans-1,3-Dichloropropene	ug/kg	<25.0	1370	1370	1050	1410	77	103	68-130	30	20	R1
Trichloroethene	ug/kg	<25.0	1370	1370	1320	1270	96	93	70-130	3	20	
Trichlorofluoromethane	ug/kg	<25.0	1370	1370	1030	1040	76	76	37-149	1	24	
Vinyl chloride	ug/kg	<25.0	1370	1370	883	866	65	63	39-128	2	20	
4-Bromofluorobenzene (S)	%						104	113	58-141			
Dibromofluoromethane (S)	%						99	113	68-130			
Toluene-d8 (S)	%						121	122	68-149			

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QUALITY CONTROL DATA

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154369

QC Batch: 263541 | Analysis Method: EPA 8260
QC Batch Method: EPA 8260 | Analysis Description: 8260 MSV
Associated Lab Samples: 40154369017, 40154369018, 40154369019, 40154369020, 40154369021, 40154369022, 40154369023, 40154369024, 40154369025, 40154369026, 40154369027, 40154369028

METHOD BLANK: 1551309 | Matrix: Water
Associated Lab Samples: 40154369017, 40154369018, 40154369019, 40154369020, 40154369021, 40154369022, 40154369023, 40154369024, 40154369025, 40154369026, 40154369027, 40154369028

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.18	1.0	08/08/17 06:33	
1,1,1-Trichloroethane	ug/L	<0.50	1.0	08/08/17 06:33	
1,1,2,2-Tetrachloroethane	ug/L	<0.25	1.0	08/08/17 06:33	
1,1,2-Trichloroethane	ug/L	<0.20	1.0	08/08/17 06:33	
1,1-Dichloroethane	ug/L	<0.24	1.0	08/08/17 06:33	
1,1-Dichloroethene	ug/L	<0.41	1.0	08/08/17 06:33	
1,1-Dichloropropene	ug/L	<0.44	1.0	08/08/17 06:33	
1,2,3-Trichlorobenzene	ug/L	<2.1	5.0	08/08/17 06:33	
1,2,3-Trichloropropane	ug/L	<0.50	1.0	08/08/17 06:33	
1,2,4-Trichlorobenzene	ug/L	<2.2	5.0	08/08/17 06:33	
1,2,4-Trimethylbenzene	ug/L	<0.50	1.0	08/08/17 06:33	
1,2-Dibromo-3-chloropropane	ug/L	<2.2	5.0	08/08/17 06:33	
1,2-Dibromoethane (EDB)	ug/L	<0.18	1.0	08/08/17 06:33	
1,2-Dichlorobenzene	ug/L	<0.50	1.0	08/08/17 06:33	
1,2-Dichloroethane	ug/L	<0.17	1.0	08/08/17 06:33	
1,2-Dichloropropane	ug/L	<0.23	1.0	08/08/17 06:33	
1,3,5-Trimethylbenzene	ug/L	<0.50	1.0	08/08/17 06:33	
1,3-Dichlorobenzene	ug/L	<0.50	1.0	08/08/17 06:33	
1,3-Dichloropropane	ug/L	<0.50	1.0	08/08/17 06:33	
1,4-Dichlorobenzene	ug/L	<0.50	1.0	08/08/17 06:33	
2,2-Dichloropropane	ug/L	<0.48	1.0	08/08/17 06:33	
2-Chlorotoluene	ug/L	<0.50	1.0	08/08/17 06:33	
4-Chlorotoluene	ug/L	<0.21	1.0	08/08/17 06:33	
Benzene	ug/L	<0.50	1.0	08/08/17 06:33	
Bromobenzene	ug/L	<0.23	1.0	08/08/17 06:33	
Bromochloromethane	ug/L	<0.34	1.0	08/08/17 06:33	
Bromodichloromethane	ug/L	<0.50	1.0	08/08/17 06:33	
Bromoform	ug/L	<0.50	1.0	08/08/17 06:33	
Bromomethane	ug/L	<2.4	5.0	08/08/17 06:33	
Carbon tetrachloride	ug/L	<0.50	1.0	08/08/17 06:33	
Chlorobenzene	ug/L	<0.50	1.0	08/08/17 06:33	
Chloroethane	ug/L	<0.37	1.0	08/08/17 06:33	
Chloroform	ug/L	<2.5	5.0	08/08/17 06:33	
Chloromethane	ug/L	<0.50	1.0	08/08/17 06:33	
cis-1,2-Dichloroethene	ug/L	<0.26	1.0	08/08/17 06:33	
cis-1,3-Dichloropropene	ug/L	<0.50	1.0	08/08/17 06:33	
Dibromochloromethane	ug/L	<0.50	1.0	08/08/17 06:33	
Dibromomethane	ug/L	<0.43	1.0	08/08/17 06:33	
Dichlorodifluoromethane	ug/L	<0.22	1.0	08/08/17 06:33	
Diisopropyl ether	ug/L	<0.50	1.0	08/08/17 06:33	

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QUALITY CONTROL DATA

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154369

METHOD BLANK: 1551309 Matrix: Water

Associated Lab Samples: 40154369017, 40154369018, 40154369019, 40154369020, 40154369021, 40154369022, 40154369023, 40154369024, 40154369025, 40154369026, 40154369027, 40154369028

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/L	<0.50	1.0	08/08/17 06:33	
Hexachloro-1,3-butadiene	ug/L	<2.1	5.0	08/08/17 06:33	
Isopropylbenzene (Cumene)	ug/L	<0.14	1.0	08/08/17 06:33	
m&p-Xylene	ug/L	<1.0	2.0	08/08/17 06:33	
Methyl-tert-butyl ether	ug/L	<0.17	1.0	08/08/17 06:33	
Methylene Chloride	ug/L	<0.23	1.0	08/08/17 06:33	
n-Butylbenzene	ug/L	<0.50	1.0	08/08/17 06:33	
n-Propylbenzene	ug/L	<0.50	1.0	08/08/17 06:33	
Naphthalene	ug/L	<2.5	5.0	08/08/17 06:33	
o-Xylene	ug/L	<0.50	1.0	08/08/17 06:33	
p-Isopropyltoluene	ug/L	<0.50	1.0	08/08/17 06:33	
sec-Butylbenzene	ug/L	<2.2	5.0	08/08/17 06:33	
Styrene	ug/L	<0.50	1.0	08/08/17 06:33	
tert-Butylbenzene	ug/L	<0.18	1.0	08/08/17 06:33	
Tetrachloroethene	ug/L	<0.50	1.0	08/08/17 06:33	
Toluene	ug/L	<0.50	1.0	08/08/17 06:33	
trans-1,2-Dichloroethene	ug/L	0.29J	1.0	08/08/17 06:33	
trans-1,3-Dichloropropene	ug/L	<0.23	1.0	08/08/17 06:33	
Trichloroethene	ug/L	<0.33	1.0	08/08/17 06:33	
Trichlorofluoromethane	ug/L	<0.18	1.0	08/08/17 06:33	
Vinyl chloride	ug/L	<0.18	1.0	08/08/17 06:33	
4-Bromofluorobenzene (S)	%	97	61-130	08/08/17 06:33	
Dibromofluoromethane (S)	%	101	67-130	08/08/17 06:33	
Toluene-d8 (S)	%	94	70-130	08/08/17 06:33	

LABORATORY CONTROL SAMPLE: 1551310

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	48.7	97	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	50.5	101	70-130	
1,1,2-Trichloroethane	ug/L	50	50.1	100	70-130	
1,1-Dichloroethane	ug/L	50	48.7	97	71-132	
1,1-Dichloroethene	ug/L	50	50.8	102	75-130	
1,2,4-Trichlorobenzene	ug/L	50	50.5	101	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	42.0	84	63-123	
1,2-Dibromoethane (EDB)	ug/L	50	50.1	100	70-130	
1,2-Dichlorobenzene	ug/L	50	54.2	108	70-130	
1,2-Dichloroethane	ug/L	50	41.2	82	70-131	
1,2-Dichloropropane	ug/L	50	50.8	102	80-120	
1,3-Dichlorobenzene	ug/L	50	54.8	110	70-130	
1,4-Dichlorobenzene	ug/L	50	54.0	108	70-130	
Benzene	ug/L	50	52.3	105	73-145	
Bromodichloromethane	ug/L	50	48.8	98	70-130	

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QUALITY CONTROL DATA

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154369

LABORATORY CONTROL SAMPLE: 1551310

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromoform	ug/L	50	52.9	106	67-130	
Bromomethane	ug/L	50	37.3	75	26-128	
Carbon tetrachloride	ug/L	50	53.7	107	70-133	
Chlorobenzene	ug/L	50	54.7	109	70-130	
Chloroethane	ug/L	50	44.1	88	58-120	
Chloroform	ug/L	50	48.7	97	80-121	
Chloromethane	ug/L	50	48.3	97	40-127	
cis-1,2-Dichloroethene	ug/L	50	48.3	97	70-130	
cis-1,3-Dichloropropene	ug/L	50	52.2	104	70-130	
Dibromochloromethane	ug/L	50	51.5	103	70-130	
Dichlorodifluoromethane	ug/L	50	38.4	77	20-135	
Ethylbenzene	ug/L	50	54.2	108	87-129	
Isopropylbenzene (Cumene)	ug/L	50	55.8	112	70-130	
m&p-Xylene	ug/L	100	114	114	70-130	
Methyl-tert-butyl ether	ug/L	50	47.4	95	66-143	
Methylene Chloride	ug/L	50	53.0	106	70-130	
o-Xylene	ug/L	50	58.3	117	70-130	
Styrene	ug/L	50	57.2	114	70-130	
Tetrachloroethene	ug/L	50	59.6	119	70-130	
Toluene	ug/L	50	53.9	108	82-130	
trans-1,2-Dichloroethene	ug/L	50	52.5	105	75-132	
trans-1,3-Dichloropropene	ug/L	50	51.5	103	70-130	
Trichloroethene	ug/L	50	53.2	106	70-130	
Trichlorofluoromethane	ug/L	50	48.7	97	76-133	
Vinyl chloride	ug/L	50	48.1	96	57-136	
4-Bromofluorobenzene (S)	%			97	61-130	
Dibromofluoromethane (S)	%			97	67-130	
Toluene-d8 (S)	%			100	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1552411 1552412

Parameter	Units	40154392006 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1-Trichloroethane	ug/L	<0.50	50	50	46.8	49.0	94	98	70-134	4	20	
1,1,2,2-Tetrachloroethane	ug/L	<0.25	50	50	50.4	48.7	101	97	70-130	3	20	
1,1,2-Trichloroethane	ug/L	<0.20	50	50	48.6	48.1	97	96	70-130	1	20	
1,1-Dichloroethane	ug/L	<0.24	50	50	44.2	47.6	88	95	71-133	7	20	
1,1-Dichloroethene	ug/L	<0.41	50	50	47.7	51.0	95	102	75-136	7	20	
1,2,4-Trichlorobenzene	ug/L	<2.2	50	50	48.0	49.9	96	100	70-130	4	20	
1,2-Dibromo-3-chloropropane	ug/L	<2.2	50	50	44.2	43.6	88	87	63-123	1	20	
1,2-Dibromoethane (EDB)	ug/L	<0.18	50	50	48.5	47.9	97	96	70-130	1	20	
1,2-Dichlorobenzene	ug/L	<0.50	50	50	51.7	53.2	103	106	70-130	3	20	
1,2-Dichloroethane	ug/L	<0.17	50	50	39.1	39.7	78	79	70-131	2	20	
1,2-Dichloropropane	ug/L	<0.23	50	50	50.7	48.4	101	97	80-120	5	20	

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QUALITY CONTROL DATA

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154369

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1552411 1552412

Parameter	Units	40154392006 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,3-Dichlorobenzene	ug/L	<0.50	50	50	54.3	54.9	109	110	70-130	1	20	
1,4-Dichlorobenzene	ug/L	<0.50	50	50	52.6	53.8	105	108	70-130	2	20	
Benzene	ug/L	<0.50	50	50	49.8	52.1	100	104	73-145	5	20	
Bromodichloromethane	ug/L	<0.50	50	50	48.4	47.7	97	95	70-130	2	20	
Bromoform	ug/L	<0.50	50	50	53.0	51.6	106	103	67-130	3	20	
Bromomethane	ug/L	<2.4	50	50	43.8	43.2	88	86	26-129	1	20	
Carbon tetrachloride	ug/L	<0.50	50	50	51.8	52.6	104	105	70-134	2	20	
Chlorobenzene	ug/L	<0.50	50	50	52.1	52.2	104	104	70-130	0	20	
Chloroethane	ug/L	<0.37	50	50	41.3	46.3	83	93	58-120	11	20	
Chloroform	ug/L	<2.5	50	50	46.0	47.1	92	94	80-121	3	20	
Chloromethane	ug/L	<0.50	50	50	44.7	47.1	89	94	40-128	5	20	
cis-1,2-Dichloroethene	ug/L	<0.26	50	50	47.2	48.7	94	97	70-130	3	20	
cis-1,3-Dichloropropene	ug/L	<0.50	50	50	51.3	50.8	103	102	70-130	1	20	
Dibromochloromethane	ug/L	<0.50	50	50	48.7	50.4	97	101	70-130	3	20	
Dichlorodifluoromethane	ug/L	<0.22	50	50	36.3	37.2	73	74	20-146	3	20	
Ethylbenzene	ug/L	<0.50	50	50	51.8	52.3	104	105	87-129	1	20	
Isopropylbenzene (Cumene)	ug/L	<0.14	50	50	53.1	54.2	106	108	70-130	2	20	
m&p-Xylene	ug/L	<1.0	100	100	106	108	106	108	70-130	1	20	
Methyl-tert-butyl ether	ug/L	<0.17	50	50	46.1	48.4	92	97	66-143	5	20	
Methylene Chloride	ug/L	<0.23	50	50	49.7	52.8	99	106	70-130	6	20	
o-Xylene	ug/L	<0.50	50	50	54.8	54.3	110	109	70-130	1	20	
Styrene	ug/L	<0.50	50	50	53.5	53.1	107	106	70-130	1	20	
Tetrachloroethene	ug/L	<0.50	50	50	57.6	58.7	115	117	70-130	2	20	
Toluene	ug/L	<0.50	50	50	52.3	51.4	105	103	82-131	2	20	
trans-1,2-Dichloroethene	ug/L	<0.26	50	50	49.3	51.9	99	104	75-135	5	20	
trans-1,3-Dichloropropene	ug/L	<0.23	50	50	46.9	49.1	94	98	70-130	5	20	
Trichloroethene	ug/L	<0.33	50	50	54.5	52.4	109	105	70-130	4	20	
Trichlorofluoromethane	ug/L	<0.18	50	50	45.9	47.2	92	94	76-150	3	20	
Vinyl chloride	ug/L	<0.18	50	50	46.0	48.2	92	96	56-143	5	20	
4-Bromofluorobenzene (S)	%						90	95	61-130			
Dibromofluoromethane (S)	%						90	96	67-130			
Toluene-d8 (S)	%						95	97	70-130			

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QUALITY CONTROL DATA

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154369

QC Batch: 263757 | Analysis Method: EPA 8082
QC Batch Method: EPA 3541 | Analysis Description: 8082 GCS PCB
Associated Lab Samples: 40154369010, 40154369011, 40154369012

METHOD BLANK: 1552400 | Matrix: Solid
Associated Lab Samples: 40154369010, 40154369011, 40154369012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	<25.0	50.0	08/08/17 01:33	
PCB-1221 (Aroclor 1221)	ug/kg	<25.0	50.0	08/08/17 01:33	
PCB-1232 (Aroclor 1232)	ug/kg	<25.0	50.0	08/08/17 01:33	
PCB-1242 (Aroclor 1242)	ug/kg	<25.0	50.0	08/08/17 01:33	
PCB-1248 (Aroclor 1248)	ug/kg	<25.0	50.0	08/08/17 01:33	
PCB-1254 (Aroclor 1254)	ug/kg	<25.0	50.0	08/08/17 01:33	
PCB-1260 (Aroclor 1260)	ug/kg	<25.0	50.0	08/08/17 01:33	
Decachlorobiphenyl (S)	%	76	53-105	08/08/17 01:33	
Tetrachloro-m-xylene (S)	%	72	50-102	08/08/17 01:33	

LABORATORY CONTROL SAMPLE: 1552401

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg		<25.0			
PCB-1221 (Aroclor 1221)	ug/kg		<25.0			
PCB-1232 (Aroclor 1232)	ug/kg		<25.0			
PCB-1242 (Aroclor 1242)	ug/kg		<25.0			
PCB-1248 (Aroclor 1248)	ug/kg		<25.0			
PCB-1254 (Aroclor 1254)	ug/kg		<25.0			
PCB-1260 (Aroclor 1260)	ug/kg	500	369	74	59-106	
Decachlorobiphenyl (S)	%			80	53-105	
Tetrachloro-m-xylene (S)	%			76	50-102	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1552402 1552403

Parameter	Units	40154307017 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
PCB-1016 (Aroclor 1016)	ug/kg	<28.9			<28.9	<28.9					20	
PCB-1221 (Aroclor 1221)	ug/kg	<28.9			<28.9	<28.9					20	
PCB-1232 (Aroclor 1232)	ug/kg	<28.9			<28.9	<28.9					20	
PCB-1242 (Aroclor 1242)	ug/kg	<28.9			<28.9	<28.9					20	
PCB-1248 (Aroclor 1248)	ug/kg	<28.9			<28.9	<28.9					20	
PCB-1254 (Aroclor 1254)	ug/kg	<28.9			<28.9	<28.9					20	
PCB-1260 (Aroclor 1260)	ug/kg	<28.9	578	578	418	427	72	74	51-109	2	20	
Decachlorobiphenyl (S)	%						78	79	53-105			
Tetrachloro-m-xylene (S)	%						75	76	50-102			

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QUALITY CONTROL DATA

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154369

QC Batch: 263888 | Analysis Method: EPA 8082
QC Batch Method: EPA 3541 | Analysis Description: 8082 GCS PCB
Associated Lab Samples: 40154369009, 40154369015, 40154369016

METHOD BLANK: 1553041 | Matrix: Solid
Associated Lab Samples: 40154369009, 40154369015, 40154369016

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	<25.0	50.0	08/10/17 11:08	
PCB-1221 (Aroclor 1221)	ug/kg	<25.0	50.0	08/10/17 11:08	
PCB-1232 (Aroclor 1232)	ug/kg	<25.0	50.0	08/10/17 11:08	
PCB-1242 (Aroclor 1242)	ug/kg	<25.0	50.0	08/10/17 11:08	
PCB-1248 (Aroclor 1248)	ug/kg	<25.0	50.0	08/10/17 11:08	
PCB-1254 (Aroclor 1254)	ug/kg	<25.0	50.0	08/10/17 11:08	
PCB-1260 (Aroclor 1260)	ug/kg	<25.0	50.0	08/10/17 11:08	
Decachlorobiphenyl (S)	%	82	53-105	08/10/17 11:08	
Tetrachloro-m-xylene (S)	%	77	50-102	08/10/17 11:08	

LABORATORY CONTROL SAMPLE: 1553042

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg		<25.0			
PCB-1221 (Aroclor 1221)	ug/kg		<25.0			
PCB-1232 (Aroclor 1232)	ug/kg		<25.0			
PCB-1242 (Aroclor 1242)	ug/kg		<25.0			
PCB-1248 (Aroclor 1248)	ug/kg		<25.0			
PCB-1254 (Aroclor 1254)	ug/kg		<25.0			
PCB-1260 (Aroclor 1260)	ug/kg	500	356	71	59-106	
Decachlorobiphenyl (S)	%			79	53-105	
Tetrachloro-m-xylene (S)	%			75	50-102	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1553043 1553044

Parameter	Units	40154484001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
PCB-1016 (Aroclor 1016)	ug/kg	<26.7			<26.7	<26.7					20	
PCB-1221 (Aroclor 1221)	ug/kg	<26.7			<26.7	<26.7					20	
PCB-1232 (Aroclor 1232)	ug/kg	<26.7			<26.7	<26.7					20	
PCB-1242 (Aroclor 1242)	ug/kg	<26.7			<26.7	<26.7					20	
PCB-1248 (Aroclor 1248)	ug/kg	<26.7			<26.7	<26.7					20	
PCB-1254 (Aroclor 1254)	ug/kg	<26.7			<26.7	<26.7					20	
PCB-1260 (Aroclor 1260)	ug/kg	<26.7	534	534	406	415	76	78	51-109	2	20	
Decachlorobiphenyl (S)	%						82	83	53-105			
Tetrachloro-m-xylene (S)	%						77	77	50-102			

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QUALITY CONTROL DATA

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154369

QC Batch: 264123 | Analysis Method: EPA 8270 by SIM
QC Batch Method: EPA 3546 | Analysis Description: 8270/3546 MSSV PAH by SIM
Associated Lab Samples: 40154369001, 40154369002, 40154369003, 40154369004, 40154369005, 40154369006, 40154369007, 40154369008, 40154369013, 40154369014

METHOD BLANK: 1554286 | Matrix: Solid
Associated Lab Samples: 40154369001, 40154369002, 40154369003, 40154369004, 40154369005, 40154369006, 40154369007, 40154369008, 40154369013, 40154369014

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1-Methylnaphthalene	ug/kg	<4.0	13.4	08/10/17 15:17	
2-Methylnaphthalene	ug/kg	<5.0	16.7	08/10/17 15:17	
Acenaphthene	ug/kg	<3.9	12.9	08/10/17 15:17	
Acenaphthylene	ug/kg	<3.3	11.0	08/10/17 15:17	
Anthracene	ug/kg	<5.7	19.0	08/10/17 15:17	
Benzo(a)anthracene	ug/kg	<3.2	10.6	08/10/17 15:17	
Benzo(a)pyrene	ug/kg	<2.5	8.4	08/10/17 15:17	
Benzo(b)fluoranthene	ug/kg	<2.8	9.4	08/10/17 15:17	
Benzo(g,h,i)perylene	ug/kg	<2.0	6.8	08/10/17 15:17	
Benzo(k)fluoranthene	ug/kg	<2.5	8.4	08/10/17 15:17	
Chrysene	ug/kg	<3.4	11.2	08/10/17 15:17	
Dibenz(a,h)anthracene	ug/kg	<2.2	7.4	08/10/17 15:17	
Fluoranthene	ug/kg	<5.2	17.4	08/10/17 15:17	
Fluorene	ug/kg	<4.1	13.8	08/10/17 15:17	
Indeno(1,2,3-cd)pyrene	ug/kg	<2.2	7.3	08/10/17 15:17	
Naphthalene	ug/kg	<8.4	28.1	08/10/17 15:17	
Phenanthrene	ug/kg	<11.6	38.8	08/10/17 15:17	
Pyrene	ug/kg	<4.5	15.0	08/10/17 15:17	
2-Fluorobiphenyl (S)	%	67	19-96	08/10/17 15:17	
Terphenyl-d14 (S)	%	78	31-98	08/10/17 15:17	

LABORATORY CONTROL SAMPLE: 1554287

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/kg	334	235	70	49-102	
2-Methylnaphthalene	ug/kg	334	235	70	47-91	
Acenaphthene	ug/kg	334	279	84	52-97	
Acenaphthylene	ug/kg	334	268	80	49-97	
Anthracene	ug/kg	334	302	91	62-101	
Benzo(a)anthracene	ug/kg	334	254	76	53-95	
Benzo(a)pyrene	ug/kg	334	289	87	57-108	
Benzo(b)fluoranthene	ug/kg	334	275	83	53-113	
Benzo(g,h,i)perylene	ug/kg	334	303	91	43-114	
Benzo(k)fluoranthene	ug/kg	334	291	87	66-116	
Chrysene	ug/kg	334	285	85	64-109	
Dibenz(a,h)anthracene	ug/kg	334	289	87	50-105	
Fluoranthene	ug/kg	334	290	87	58-107	
Fluorene	ug/kg	334	272	82	52-99	

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QUALITY CONTROL DATA

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154369

LABORATORY CONTROL SAMPLE: 1554287

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Indeno(1,2,3-cd)pyrene	ug/kg	334	286	86	51-113	
Naphthalene	ug/kg	334	245	73	50-91	
Phenanthrene	ug/kg	334	273	82	57-101	
Pyrene	ug/kg	334	254	76	50-102	
2-Fluorobiphenyl (S)	%			75	19-96	
Terphenyl-d14 (S)	%			79	31-98	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1554288 1554289

Parameter	Units	40154369004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1-Methylnaphthalene	ug/kg	251	395	394	424	563	44	79	37-102	28	29	
2-Methylnaphthalene	ug/kg	472	395	394	635	881	41	104	44-91	32	36	M1
Acenaphthene	ug/kg	<45.8	395	394	233	286	53	67	46-97	20	26	
Acenaphthylene	ug/kg	<38.9	395	394	215	251	53	62	47-97	16	29	
Anthracene	ug/kg	<67.4	395	394	242	293	53	66	50-101	19	28	
Benzo(a)anthracene	ug/kg	39.5J	395	394	259	301	56	66	48-95	15	28	
Benzo(a)pyrene	ug/kg	<29.7	395	394	227	266	50	60	47-108	16	36	
Benzo(b)fluoranthene	ug/kg	<33.4	395	394	199	274	45	64	42-113	32	34	
Benzo(g,h,i)perylene	ug/kg	<24.0	395	394	127	139	27	30	18-114	9	30	
Benzo(k)fluoranthene	ug/kg	<29.6	395	394	264	269	60	62	50-116	2	27	
Chrysene	ug/kg	43.4J	395	394	261	307	55	67	55-109	16	28	
Dibenz(a,h)anthracene	ug/kg	<26.4	395	394	170	186	41	45	39-105	9	29	
Fluoranthene	ug/kg	110J	395	394	319	402	53	74	41-107	23	28	
Fluorene	ug/kg	50.6J	395	394	259	316	53	67	48-99	20	28	
Indeno(1,2,3-cd)pyrene	ug/kg	<26.0	395	394	151	165	34	37	27-113	9	30	
Naphthalene	ug/kg	2250	395	394	2270	3340	4	275	40-91	38	37	M1,R1
Phenanthrene	ug/kg	150J	395	394	350J	461	51	79	46-101		40	
Pyrene	ug/kg	94.4J	395	394	308	378	54	72	50-102	20	31	
2-Fluorobiphenyl (S)	%						49	54	19-96			
Terphenyl-d14 (S)	%						54	59	31-98			

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REPORT OF LABORATORY ANALYSIS

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(920)469-2436

QUALITY CONTROL DATA

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154369

QC Batch: 263715 | Analysis Method: EPA 8270
QC Batch Method: EPA 3546 | Analysis Description: 8270 Solid MSSV Microwave
Associated Lab Samples: 40154369009, 40154369010, 40154369011, 40154369012, 40154369015, 40154369016

METHOD BLANK: 1552274 | Matrix: Solid
Associated Lab Samples: 40154369009, 40154369010, 40154369011, 40154369012, 40154369015, 40154369016

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trichlorobenzene	ug/kg	<19.6	65.4	08/07/17 20:11	
1,2-Dichlorobenzene	ug/kg	<54.6	182	08/07/17 20:11	
1,3-Dichlorobenzene	ug/kg	<24.0	80.1	08/07/17 20:11	
1,4-Dichlorobenzene	ug/kg	<24.2	80.6	08/07/17 20:11	
2,2'-Oxybis(1-chloropropane)	ug/kg	<44.7	149	08/07/17 20:11	
2,4,5-Trichlorophenol	ug/kg	<30.6	102	08/07/17 20:11	
2,4,6-Trichlorophenol	ug/kg	<26.5	88.2	08/07/17 20:11	
2,4-Dichlorophenol	ug/kg	<46.4	155	08/07/17 20:11	
2,4-Dimethylphenol	ug/kg	<34.3	114	08/07/17 20:11	
2,4-Dinitrophenol	ug/kg	<52.9	176	08/07/17 20:11	
2,4-Dinitrotoluene	ug/kg	<24.8	82.7	08/07/17 20:11	
2,6-Dinitrotoluene	ug/kg	<32.9	110	08/07/17 20:11	
2-Chloronaphthalene	ug/kg	<22.3	74.3	08/07/17 20:11	
2-Chlorophenol	ug/kg	<43.3	144	08/07/17 20:11	
2-Methylnaphthalene	ug/kg	<45.1	150	08/07/17 20:11	
2-Methylphenol(o-Cresol)	ug/kg	<31.5	105	08/07/17 20:11	
2-Nitroaniline	ug/kg	<49.4	165	08/07/17 20:11	
2-Nitrophenol	ug/kg	<54.8	183	08/07/17 20:11	
3&4-Methylphenol(m&p Cresol)	ug/kg	<31.8	106	08/07/17 20:11	
3,3'-Dichlorobenzidine	ug/kg	<47.1	157	08/07/17 20:11	
3-Nitroaniline	ug/kg	<29.5	98.4	08/07/17 20:11	
4,6-Dinitro-2-methylphenol	ug/kg	<53.5	178	08/07/17 20:11	
4-Bromophenylphenyl ether	ug/kg	<36.3	121	08/07/17 20:11	
4-Chloro-3-methylphenol	ug/kg	<54.0	180	08/07/17 20:11	
4-Chloroaniline	ug/kg	<28.5	95.0	08/07/17 20:11	
4-Chlorophenylphenyl ether	ug/kg	<32.3	108	08/07/17 20:11	
4-Nitroaniline	ug/kg	<72.0	240	08/07/17 20:11	
4-Nitrophenol	ug/kg	<43.7	146	08/07/17 20:11	
Acenaphthene	ug/kg	<61.5	205	08/07/17 20:11	
Acenaphthylene	ug/kg	<61.9	206	08/07/17 20:11	
Anthracene	ug/kg	<27.7	92.4	08/07/17 20:11	
Benzo(a)anthracene	ug/kg	<26.9	89.6	08/07/17 20:11	
Benzo(a)pyrene	ug/kg	<26.1	87.0	08/07/17 20:11	
Benzo(b)fluoranthene	ug/kg	<29.8	99.4	08/07/17 20:11	
Benzo(g,h,i)perylene	ug/kg	<45.4	151	08/07/17 20:11	
Benzo(k)fluoranthene	ug/kg	<41.5	138	08/07/17 20:11	
bis(2-Chloroethoxy)methane	ug/kg	<46.7	156	08/07/17 20:11	
bis(2-Chloroethyl) ether	ug/kg	<54.2	181	08/07/17 20:11	
bis(2-Ethylhexyl)phthalate	ug/kg	<28.9	96.2	08/07/17 20:11	
Butylbenzylphthalate	ug/kg	<27.8	92.7	08/07/17 20:11	
Carbazole	ug/kg	<27.2	90.6	08/07/17 20:11	

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QUALITY CONTROL DATA

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154369

METHOD BLANK: 1552274 Matrix: Solid
Associated Lab Samples: 40154369009, 40154369010, 40154369011, 40154369012, 40154369015, 40154369016

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chrysene	ug/kg	<25.9	86.5	08/07/17 20:11	
Di-n-butylphthalate	ug/kg	<25.9	86.4	08/07/17 20:11	
Di-n-octylphthalate	ug/kg	<39.0	130	08/07/17 20:11	
Dibenz(a,h)anthracene	ug/kg	<47.1	157	08/07/17 20:11	
Dibenzofuran	ug/kg	<21.0	70.0	08/07/17 20:11	
Diethylphthalate	ug/kg	<28.8	95.9	08/07/17 20:11	
Dimethylphthalate	ug/kg	<22.6	75.2	08/07/17 20:11	
Fluoranthene	ug/kg	<24.6	81.8	08/07/17 20:11	
Fluorene	ug/kg	<20.3	67.6	08/07/17 20:11	
Hexachloro-1,3-butadiene	ug/kg	<44.2	147	08/07/17 20:11	
Hexachlorobenzene	ug/kg	<29.2	97.3	08/07/17 20:11	
Hexachlorocyclopentadiene	ug/kg	<41.1	137	08/07/17 20:11	
Hexachloroethane	ug/kg	<27.8	92.6	08/07/17 20:11	
Indeno(1,2,3-cd)pyrene	ug/kg	<37.5	125	08/07/17 20:11	
Isophorone	ug/kg	<26.7	88.9	08/07/17 20:11	
N-Nitroso-di-n-propylamine	ug/kg	<27.5	91.7	08/07/17 20:11	
N-Nitrosodiphenylamine	ug/kg	<235	785	08/07/17 20:11	
Naphthalene	ug/kg	<60.7	202	08/07/17 20:11	
Nitrobenzene	ug/kg	<35.2	117	08/07/17 20:11	
Pentachlorophenol	ug/kg	<38.2	127	08/07/17 20:11	
Phenanthrene	ug/kg	<22.3	74.2	08/07/17 20:11	
Phenol	ug/kg	<41.2	137	08/07/17 20:11	
Pyrene	ug/kg	<38.5	128	08/07/17 20:11	
2,4,6-Tribromophenol (S)	%	101	13-143	08/07/17 20:11	
2-Fluorobiphenyl (S)	%	97	18-127	08/07/17 20:11	
2-Fluorophenol (S)	%	92	16-103	08/07/17 20:11	
Nitrobenzene-d5 (S)	%	96	13-114	08/07/17 20:11	
Phenol-d6 (S)	%	91	30-97	08/07/17 20:11	
Terphenyl-d14 (S)	%	103	41-109	08/07/17 20:11	

LABORATORY CONTROL SAMPLE: 1552275

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	ug/kg	1750	1640	94	65-130	
1,2-Dichlorobenzene	ug/kg	1750	1490	85	53-130	
1,3-Dichlorobenzene	ug/kg	1750	1500	86	51-99	
1,4-Dichlorobenzene	ug/kg	1750	1490	85	52-101	
2,2'-Oxybis(1-chloropropane)	ug/kg	1750	1560	89	54-105	
2,4,5-Trichlorophenol	ug/kg	1750	1660	95	60-119	
2,4,6-Trichlorophenol	ug/kg	1750	1680	96	64-115	
2,4-Dichlorophenol	ug/kg	1750	1690	96	66-99	
2,4-Dimethylphenol	ug/kg	1750	1670	96	70-121	
2,4-Dinitrophenol	ug/kg	1750	1370	78	23-72	L1
2,4-Dinitrotoluene	ug/kg	1750	1740	100	58-131	

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QUALITY CONTROL DATA

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154369

LABORATORY CONTROL SAMPLE: 1552275

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2,6-Dinitrotoluene	ug/kg	1750	1800	103	60-125	
2-Chloronaphthalene	ug/kg	1750	1600	91	64-111	
2-Chlorophenol	ug/kg	1750	1560	89	57-130	
2-Methylnaphthalene	ug/kg	1750	1690	96	67-130	
2-Methylphenol(o-Cresol)	ug/kg	1750	1620	93	64-106	
2-Nitroaniline	ug/kg	1750	1730	98	60-124	
2-Nitrophenol	ug/kg	1750	1680	96	63-107	
3&4-Methylphenol(m&p Cresol)	ug/kg	1750	1560	89	62-106	
3,3'-Dichlorobenzidine	ug/kg	1750	1390	79	39-100	
3-Nitroaniline	ug/kg	1750	1670	95	53-119	
4,6-Dinitro-2-methylphenol	ug/kg	1750	1750	100	49-115	
4-Bromophenylphenyl ether	ug/kg	1750	1790	102	70-130	
4-Chloro-3-methylphenol	ug/kg	1750	1740	99	68-101	
4-Chloroaniline	ug/kg	1750	1620	92	62-126	
4-Chlorophenylphenyl ether	ug/kg	1750	1660	94	67-116	
4-Nitroaniline	ug/kg	1750	1690	96	48-130	
4-Nitrophenol	ug/kg	1750	1840	105	38-118	
Acenaphthene	ug/kg	1750	1640	93	65-116	
Acenaphthylene	ug/kg	1750	1640	94	63-119	
Anthracene	ug/kg	1750	1850	106	70-122	
Benzo(a)anthracene	ug/kg	1750	1640	94	68-111	
Benzo(a)pyrene	ug/kg	1750	1660	95	69-106	
Benzo(b)fluoranthene	ug/kg	1750	1600	91	62-104	
Benzo(g,h,i)perylene	ug/kg	1750	1740	99	55-114	
Benzo(k)fluoranthene	ug/kg	1750	1640	94	64-104	
bis(2-Chloroethoxy)methane	ug/kg	1750	1680	96	70-130	
bis(2-Chloroethyl) ether	ug/kg	1750	1550	88	55-130	
bis(2-Ethylhexyl)phthalate	ug/kg	1750	1820	104	56-117	
Butylbenzylphthalate	ug/kg	1750	1880	107	57-118	
Carbazole	ug/kg	1750	1860	106	70-125	
Chrysene	ug/kg	1750	1320	75	49-121	
Di-n-butylphthalate	ug/kg	1750	1920	109	68-113	
Di-n-octylphthalate	ug/kg	1750	1750	100	48-123	
Dibenz(a,h)anthracene	ug/kg	1750	1220	70	10-124	
Dibenzofuran	ug/kg	1750	1580	90	67-118	
Diethylphthalate	ug/kg	1750	1830	104	68-117	
Dimethylphthalate	ug/kg	1750	1850	106	68-115	
Fluoranthene	ug/kg	1750	1760	101	72-117	
Fluorene	ug/kg	1750	1680	96	64-123	
Hexachloro-1,3-butadiene	ug/kg	1750	1810	103	62-106	
Hexachlorobenzene	ug/kg	1750	1740	99	70-130	
Hexachlorocyclopentadiene	ug/kg	1750	1410	81	41-114	
Hexachloroethane	ug/kg	1750	1570	90	51-96	
Indeno(1,2,3-cd)pyrene	ug/kg	1750	1740	99	47-116	
Isophorone	ug/kg	1750	1630	93	67-130	
N-Nitroso-di-n-propylamine	ug/kg	1750	1520	87	61-130	
N-Nitrosodiphenylamine	ug/kg	1750	1710	97	73-115	

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QUALITY CONTROL DATA

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154369

LABORATORY CONTROL SAMPLE: 1552275

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Naphthalene	ug/kg	1750	1640	94	65-130	
Nitrobenzene	ug/kg	1750	1600	91	64-130	
Pentachlorophenol	ug/kg	1750	1680	96	50-111	
Phenanthrene	ug/kg	1750	1730	99	70-111	
Phenol	ug/kg	1750	1490	85	56-103	
Pyrene	ug/kg	1750	1680	96	69-118	
2,4,6-Tribromophenol (S)	%			109	13-143	
2-Fluorobiphenyl (S)	%			97	18-127	
2-Fluorophenol (S)	%			93	16-103	
Nitrobenzene-d5 (S)	%			100	13-114	
Phenol-d6 (S)	%			91	30-97	
Terphenyl-d14 (S)	%			100	41-109	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1552276 1552277

Parameter	Units	40154513001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,2,4-Trichlorobenzene	ug/kg	<0.020 mg/kg	1730	1730	1160	1180	68	68	51-130	1	28	
1,2-Dichlorobenzene	ug/kg	<0.054 mg/kg	1730	1730	1090	1060	63	61	43-130	3	34	
1,3-Dichlorobenzene	ug/kg	<23.9	1730	1730	1080	1030	63	60	39-99	5	34	
1,4-Dichlorobenzene	ug/kg	<0.024 mg/kg	1730	1730	1100	1040	64	60	39-101	6	34	
2,2'-Oxybis(1-chloropropane)	ug/kg	<44.6	1730	1730	1210	1160	70	67	39-105	5	28	
2,4,5-Trichlorophenol	ug/kg	<30.5	1730	1730	1130	1130	65	65	34-119	0	39	
2,4,6-Trichlorophenol	ug/kg	<26.3	1730	1730	1190	1200	69	69	41-117	1	33	
2,4-Dichlorophenol	ug/kg	<46.2	1730	1730	1190	1190	69	69	48-99	0	23	
2,4-Dimethylphenol	ug/kg	<34.2	1730	1730	1200	1220	70	71	47-121	2	35	
2,4-Dinitrophenol	ug/kg	<52.6	1730	1730	<52.6	<52.6	0	0	10-72		50	M0
2,4-Dinitrotoluene	ug/kg	<24.7	1730	1730	1230	1240	72	72	34-131	1	28	
2,6-Dinitrotoluene	ug/kg	<32.8	1730	1730	1280	1290	74	75	37-127	1	23	
2-Chloronaphthalene	ug/kg	<22.2	1730	1730	1200	1200	70	70	51-111	0	20	
2-Chlorophenol	ug/kg	<43.1	1730	1730	1140	1120	66	65	45-130	2	30	
2-Methylnaphthalene	ug/kg	<44.9	1730	1730	1280	1290	74	75	47-130	1	37	
2-Methylphenol(o-Cresol)	ug/kg	<31.4	1730	1730	1200	1210	70	70	46-106	1	32	
2-Nitroaniline	ug/kg	<49.2	1730	1730	1270	1230	74	71	36-126	3	33	
2-Nitrophenol	ug/kg	<54.5	1730	1730	1110	1080	64	63	29-114	2	33	
3&4-Methylphenol(m&p Cresol)	ug/kg	<31.7	1730	1730	1180	1160	69	67	42-106	2	33	
3,3'-Dichlorobenzidine	ug/kg	<46.9	1730	1730	631	686	37	40	10-120	8	50	
3-Nitroaniline	ug/kg	<29.4	1730	1730	993	1040	58	61	22-125	5	39	
4,6-Dinitro-2-methylphenol	ug/kg	<53.3	1730	1730	220	224	13	13	10-115	1	50	
4-Bromophenylphenyl ether	ug/kg	<36.2	1730	1730	1280	1310	74	76	52-130	2	22	
4-Chloro-3-methylphenol	ug/kg	<53.8	1730	1730	1260	1320	73	77	52-101	5	31	
4-Chloroaniline	ug/kg	<28.4	1730	1730	685	732	40	42	26-126	7	41	

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QUALITY CONTROL DATA

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154369

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1552276 1552277

Parameter	Units	40154513001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
4-Chlorophenylphenyl ether	ug/kg	<32.2	1730	1730	1300	1340	75	77	54-116	3	22	
4-Nitroaniline	ug/kg	<71.7	1730	1730	1040	1050	61	61	15-130	1	50	
4-Nitrophenol	ug/kg	<43.5	1730	1730	1020	1000	59	58	10-118	1	47	
Acenaphthene	ug/kg	<0.061 mg/kg	1730	1730	1270	1300	72	74	46-120	2	31	
Acenaphthylene	ug/kg	<0.062 mg/kg	1730	1730	1250	1250	73	72	50-119	0	30	
Anthracene	ug/kg	0.10 mg/kg	1730	1730	1540	1530	84	83	40-122	1	38	
Benzo(a)anthracene	ug/kg	0.43 mg/kg	1730	1730	1770	1790	77	79	43-111	1	41	
Benzo(a)pyrene	ug/kg	0.47 mg/kg	1730	1730	1750	1810	74	78	46-106	4	43	
Benzo(b)fluoranthene	ug/kg	0.72 mg/kg	1730	1730	2020	2130	75	81	39-104	5	47	
Benzo(g,h,i)perylene	ug/kg	0.43 mg/kg	1730	1730	1710	1710	74	74	39-114	0	37	
Benzo(k)fluoranthene	ug/kg	0.23 mg/kg	1730	1730	1500	1540	74	76	44-104	3	38	
bis(2-Chloroethoxy)methane	ug/kg	<46.5	1730	1730	1240	1210	72	70	49-130	2	20	
bis(2-Chloroethyl) ether	ug/kg	<0.054 mg/kg	1730	1730	1160	1080	67	63	40-130	6	33	
bis(2-Ethylhexyl)phthalate	ug/kg	0.34 mg/kg	1730	1730	1930	2010	92	97	42-117	4	23	
Butylbenzylphthalate	ug/kg	<27.7	1730	1730	1560	1650	89	95	44-118	5	24	
Carbazole	ug/kg	51.3J	1730	1730	1480	1530	83	85	35-125	3	38	
Chrysene	ug/kg	0.49 mg/kg	1730	1730	1590	1650	64	68	24-129	4	46	
Di-n-butylphthalate	ug/kg	<25.8	1730	1730	1540	1620	90	94	51-113	5	20	
Di-n-octylphthalate	ug/kg	<38.8	1730	1730	1460	1540	85	89	32-125	5	32	
Dibenz(a,h)anthracene	ug/kg	0.11J mg/kg	1730	1730	998	950	52	49	10-124	5	33	
Dibenzofuran	ug/kg	<20.9	1730	1730	1250	1240	72	71	48-118	0	27	
Diethylphthalate	ug/kg	<28.6	1730	1730	1450	1490	84	86	54-117	2	32	
Dimethylphthalate	ug/kg	<22.5	1730	1730	1390	1440	80	83	53-115	4	35	
Fluoranthene	ug/kg	0.97 mg/kg	1730	1730	2550	2600	92	94	41-117	2	41	
Fluorene	ug/kg	0.029J mg/kg	1730	1730	1380	1390	78	79	46-123	0	36	
Hexachloro-1,3-butadiene	ug/kg	<44.0	1730	1730	1240	1280	72	74	46-106	3	27	
Hexachlorobenzene	ug/kg	<29.1	1730	1730	1250	1300	73	75	51-130	4	22	
Hexachlorocyclopentadiene	ug/kg	<0.041 mg/kg	1730	1730	272	282	16	16	10-118	3	47	
Hexachloroethane	ug/kg	<27.6	1730	1730	1050	1010	61	59	36-96	3	42	
Indeno(1,2,3-cd)pyrene	ug/kg	0.48 mg/kg	1730	1730	1710	1820	72	78	31-116	6	37	
Isophorone	ug/kg	<26.6	1730	1730	1200	1200	70	70	50-130	0	21	
N-Nitroso-di-n-propylamine	ug/kg	<0.027 mg/kg	1730	1730	1170	1150	68	67	46-130	2	36	
N-Nitrosodiphenylamine	ug/kg	<0.23 mg/kg	1730	1730	1130	1350	66	78	50-117	17	28	

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QUALITY CONTROL DATA

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154369

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1552276 1552277

Parameter	Units	40154513001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Naphthalene	ug/kg	<0.060 mg/kg	1730	1730	1230	1230	72	71	46-130	0	28	
Nitrobenzene	ug/kg	<35.0	1730	1730	1140	1110	66	65	44-130	3	28	
Pentachlorophenol	ug/kg	<38.0	1730	1730	780	826	45	48	10-119	6	50	
Phenanthrene	ug/kg	0.43 mg/kg	1730	1730	1850	1790	83	79	42-111	4	45	
Phenol	ug/kg	<41.0	1730	1730	1150	1120	67	65	39-103	2	30	
Pyrene	ug/kg	0.84 mg/kg	1730	1730	2420	2270	91	83	44-118	6	43	
2,4,6-Tribromophenol (S)	%						80	82	13-143			
2-Fluorobiphenyl (S)	%						68	68	18-127			
2-Fluorophenol (S)	%						61	62	16-103			
Nitrobenzene-d5 (S)	%						71	67	13-114			
Phenol-d6 (S)	%						64	62	30-97			
Terphenyl-d14 (S)	%						79	76	41-109			

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Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154369

QC Batch: 263696 | Analysis Method: EPA 8270
QC Batch Method: EPA 3510 | Analysis Description: 8270 Water MSSV
Associated Lab Samples: 40154369017, 40154369018, 40154369023, 40154369024, 40154369028

METHOD BLANK: 1552186 | Matrix: Water
Associated Lab Samples: 40154369017, 40154369018, 40154369023, 40154369024, 40154369028

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trichlorobenzene	ug/L	<2.0	6.8	08/07/17 14:31	
1,2-Dichlorobenzene	ug/L	<1.9	6.4	08/07/17 14:31	
1,3-Dichlorobenzene	ug/L	<1.9	6.3	08/07/17 14:31	
1,4-Dichlorobenzene	ug/L	<1.9	6.3	08/07/17 14:31	
2,2'-Oxybis(1-chloropropane)	ug/L	<1.5	5.1	08/07/17 14:31	
2,4,5-Trichlorophenol	ug/L	<0.84	2.8	08/07/17 14:31	
2,4,6-Trichlorophenol	ug/L	<2.1	7.0	08/07/17 14:31	
2,4-Dichlorophenol	ug/L	<1.4	4.6	08/07/17 14:31	
2,4-Dimethylphenol	ug/L	<1.3	4.2	08/07/17 14:31	
2,4-Dinitrophenol	ug/L	<0.71	2.4	08/07/17 14:31	
2,4-Dinitrotoluene	ug/L	<0.79	2.6	08/07/17 14:31	
2,6-Dinitrotoluene	ug/L	<0.60	2.0	08/07/17 14:31	
2-Chloronaphthalene	ug/L	<1.6	5.5	08/07/17 14:31	
2-Chlorophenol	ug/L	<1.2	3.9	08/07/17 14:31	
2-Methylnaphthalene	ug/L	<1.5	5.0	08/07/17 14:31	
2-Methylphenol(o-Cresol)	ug/L	<0.87	2.9	08/07/17 14:31	
2-Nitroaniline	ug/L	<0.77	2.6	08/07/17 14:31	
2-Nitrophenol	ug/L	<1.2	3.9	08/07/17 14:31	
3&4-Methylphenol(m&p Cresol)	ug/L	<1.6	5.2	08/07/17 14:31	
3,3'-Dichlorobenzidine	ug/L	<0.91	3.0	08/07/17 14:31	
3-Nitroaniline	ug/L	<0.97	3.2	08/07/17 14:31	
4,6-Dinitro-2-methylphenol	ug/L	<0.65	2.2	08/07/17 14:31	
4-Bromophenylphenyl ether	ug/L	<2.0	6.6	08/07/17 14:31	
4-Chloro-3-methylphenol	ug/L	<1.7	5.6	08/07/17 14:31	
4-Chloroaniline	ug/L	<1.1	3.7	08/07/17 14:31	
4-Chlorophenylphenyl ether	ug/L	<0.82	2.7	08/07/17 14:31	
4-Nitroaniline	ug/L	<1.8	6.1	08/07/17 14:31	
4-Nitrophenol	ug/L	<1.0	3.5	08/07/17 14:31	
Acenaphthene	ug/L	<1.3	4.5	08/07/17 14:31	
Acenaphthylene	ug/L	<1.1	3.5	08/07/17 14:31	
Anthracene	ug/L	<1.8	6.0	08/07/17 14:31	
Benzo(a)anthracene	ug/L	<0.53	1.8	08/07/17 14:31	
Benzo(a)pyrene	ug/L	<1.9	6.3	08/07/17 14:31	
Benzo(b)fluoranthene	ug/L	<0.65	2.2	08/07/17 14:31	
Benzo(g,h,i)perylene	ug/L	<0.81	2.7	08/07/17 14:31	
Benzo(k)fluoranthene	ug/L	<1.0	3.3	08/07/17 14:31	
bis(2-Chloroethoxy)methane	ug/L	<1.0	3.3	08/07/17 14:31	
bis(2-Chloroethyl) ether	ug/L	<1.6	5.3	08/07/17 14:31	
bis(2-Ethylhexyl)phthalate	ug/L	<0.69	2.3	08/07/17 14:31	
Butylbenzylphthalate	ug/L	<0.77	2.6	08/07/17 14:31	
Carbazole	ug/L	<0.75	2.5	08/07/17 14:31	

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QUALITY CONTROL DATA

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154369

METHOD BLANK: 1552186 Matrix: Water
Associated Lab Samples: 40154369017, 40154369018, 40154369023, 40154369024, 40154369028

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chrysene	ug/L	<1.7	5.8	08/07/17 14:31	
Di-n-butylphthalate	ug/L	<2.6	8.5	08/07/17 14:31	
Di-n-octylphthalate	ug/L	<1.9	6.3	08/07/17 14:31	
Dibenz(a,h)anthracene	ug/L	<1.3	4.4	08/07/17 14:31	
Dibenzofuran	ug/L	<0.77	2.6	08/07/17 14:31	
Diethylphthalate	ug/L	<1.1	3.6	08/07/17 14:31	
Dimethylphthalate	ug/L	<1.9	6.4	08/07/17 14:31	
Fluoranthene	ug/L	<0.56	1.9	08/07/17 14:31	
Fluorene	ug/L	<0.75	2.5	08/07/17 14:31	
Hexachloro-1,3-butadiene	ug/L	<2.5	8.2	08/07/17 14:31	
Hexachlorobenzene	ug/L	<1.7	5.6	08/07/17 14:31	
Hexachlorocyclopentadiene	ug/L	<0.68	2.3	08/07/17 14:31	
Hexachloroethane	ug/L	<2.7	8.9	08/07/17 14:31	
Indeno(1,2,3-cd)pyrene	ug/L	<1.5	5.0	08/07/17 14:31	
Isophorone	ug/L	<0.73	2.4	08/07/17 14:31	
N-Nitroso-di-n-propylamine	ug/L	<0.97	3.2	08/07/17 14:31	
N-Nitrosodiphenylamine	ug/L	<3.5	11.8	08/07/17 14:31	
Naphthalene	ug/L	<1.9	6.3	08/07/17 14:31	
Nitrobenzene	ug/L	<1.5	4.8	08/07/17 14:31	
Pentachlorophenol	ug/L	<1.4	4.8	08/07/17 14:31	
Phenanthrene	ug/L	<1.8	6.1	08/07/17 14:31	
Phenol	ug/L	<0.60	2.0	08/07/17 14:31	
Pyrene	ug/L	<1.3	4.5	08/07/17 14:31	
2,4,6-Tribromophenol (S)	%	98	65-140	08/07/17 14:31	
2-Fluorobiphenyl (S)	%	85	59-109	08/07/17 14:31	
2-Fluorophenol (S)	%	57	27-67	08/07/17 14:31	
Nitrobenzene-d5 (S)	%	95	53-100	08/07/17 14:31	
Phenol-d6 (S)	%	38	18-120	08/07/17 14:31	
Terphenyl-d14 (S)	%	98	59-108	08/07/17 14:31	

LABORATORY CONTROL SAMPLE & LCSD: 1552187 1552188

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,2,4-Trichlorobenzene	ug/L	50	43.4	40.2	87	80	66-130	8	20	
1,2-Dichlorobenzene	ug/L	50	37.8	33.8	76	68	50-130	11	20	
1,3-Dichlorobenzene	ug/L	50	35.4	32.5	71	65	42-98	9	21	
1,4-Dichlorobenzene	ug/L	50	36.4	33.2	73	66	44-84	9	20	
2,2'-Oxybis(1-chloropropane)	ug/L	50	47.1	43.1	94	86	58-130	9	20	
2,4,5-Trichlorophenol	ug/L	50	46.0	45.4	92	91	63-127	1	24	
2,4,6-Trichlorophenol	ug/L	50	47.3	46.2	95	92	65-125	2	23	
2,4-Dichlorophenol	ug/L	50	45.1	45.7	90	91	71-104	1	20	
2,4-Dimethylphenol	ug/L	50	33.9	36.7	68	73	40-85	8	29	
2,4-Dinitrophenol	ug/L	50	40.4	38.6	81	77	33-126	5	34	
2,4-Dinitrotoluene	ug/L	50	51.4	48.2	103	96	68-137	6	20	

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QUALITY CONTROL DATA

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154369

LABORATORY CONTROL SAMPLE & LCSD: 1552187 1552188

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
2,6-Dinitrotoluene	ug/L	50	52.8	49.6	106	99	71-130	6	20	
2-Chloronaphthalene	ug/L	50	46.7	44.5	93	89	70-120	5	20	
2-Chlorophenol	ug/L	50	41.5	43.2	83	86	60-101	4	20	
2-Methylnaphthalene	ug/L	50	47.2	44.9	94	90	70-130	5	20	
2-Methylphenol(o-Cresol)	ug/L	50	37.1	39.0	74	78	54-103	5	20	
2-Nitroaniline	ug/L	50	51.3	46.7	103	93	70-130	9	20	
2-Nitrophenol	ug/L	50	46.9	47.0	94	94	66-111	0	20	
3&4-Methylphenol(m&p Cresol)	ug/L	50	33.1	34.2	66	68	50-95	3	20	
3,3'-Dichlorobenzidine	ug/L	50	35.1	33.4	70	67	37-97	5	26	
3-Nitroaniline	ug/L	50	49.0	45.8	98	92	70-113	7	20	
4,6-Dinitro-2-methylphenol	ug/L	50	48.8	48.2	98	96	49-136	1	25	
4-Bromophenylphenyl ether	ug/L	50	51.9	51.1	104	102	70-130	2	20	
4-Chloro-3-methylphenol	ug/L	50	45.4	45.9	91	92	69-109	1	20	
4-Chloroaniline	ug/L	50	46.7	45.1	93	90	70-125	3	20	
4-Chlorophenylphenyl ether	ug/L	50	48.5	46.3	97	93	70-130	5	20	
4-Nitroaniline	ug/L	50	49.2	44.8	98	90	70-124	9	23	
4-Nitrophenol	ug/L	50	21.4	17.6	43	35	21-130	20	30	
Acenaphthene	ug/L	50	48.4	45.7	97	91	73-118	6	20	
Acenaphthylene	ug/L	50	48.1	45.3	96	91	70-120	6	20	
Anthracene	ug/L	50	53.7	53.1	107	106	70-130	1	20	
Benzo(a)anthracene	ug/L	50	48.6	46.2	97	92	70-130	5	20	
Benzo(a)pyrene	ug/L	50	49.2	45.2	98	90	73-106	8	20	
Benzo(b)fluoranthene	ug/L	50	49.5	45.7	99	91	68-130	8	20	
Benzo(g,h,i)perylene	ug/L	50	51.9	48.0	104	96	60-121	8	20	
Benzo(k)fluoranthene	ug/L	50	48.5	46.4	97	93	62-124	4	20	
bis(2-Chloroethoxy)methane	ug/L	50	50.8	48.2	102	96	70-130	5	20	
bis(2-Chloroethyl) ether	ug/L	50	47.4	43.9	95	88	65-130	8	20	
bis(2-Ethylhexyl)phthalate	ug/L	50	55.3	50.7	111	101	66-123	9	20	
Butylbenzylphthalate	ug/L	50	57.1	52.9	114	106	63-123	8	20	
Carbazole	ug/L	50	56.2	53.4	112	107	70-130	5	20	
Chrysene	ug/L	50	39.3	37.8	79	76	50-127	4	20	
Di-n-butylphthalate	ug/L	50	58.7	55.2	117	110	70-130	6	20	
Di-n-octylphthalate	ug/L	50	52.9	47.9	106	96	53-121	10	23	
Dibenz(a,h)anthracene	ug/L	50	33.9	30.4	68	61	10-130	11	25	
Dibenzofuran	ug/L	50	46.3	44.8	93	90	70-124	3	20	
Diethylphthalate	ug/L	50	54.1	51.5	108	103	70-130	5	20	
Dimethylphthalate	ug/L	50	53.4	52.6	107	105	70-130	2	20	
Fluoranthene	ug/L	50	52.7	49.8	105	100	75-118	6	21	
Fluorene	ug/L	50	49.6	47.3	99	95	70-130	5	20	
Hexachloro-1,3-butadiene	ug/L	50	43.6	41.1	87	82	57-100	6	20	
Hexachlorobenzene	ug/L	50	51.6	49.9	103	100	70-130	3	20	
Hexachlorocyclopentadiene	ug/L	50	22.4	19.6	45	39	19-75	13	29	
Hexachloroethane	ug/L	50	34.6	31.1	69	62	41-130	10	24	
Indeno(1,2,3-cd)pyrene	ug/L	50	51.8	46.9	104	94	43-122	10	26	
Isophorone	ug/L	50	48.6	45.6	97	91	70-130	6	20	
N-Nitroso-di-n-propylamine	ug/L	50	46.0	42.2	92	84	70-130	9	20	
N-Nitrosodiphenylamine	ug/L	50	53.2	54.2	106	108	83-129	2	20	

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QUALITY CONTROL DATA

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154369

LABORATORY CONTROL SAMPLE & LCSD: 1552187 1552188

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Naphthalene	ug/L	50	46.2	43.7	92	87	68-130	6	20	
Nitrobenzene	ug/L	50	46.9	43.9	94	88	70-130	7	20	
Pentachlorophenol	ug/L	50	49.3	46.4	99	93	57-121	6	26	
Phenanthrene	ug/L	50	50.6	49.3	101	99	70-124	3	20	
Phenol	ug/L	50	20.0	18.2	40	36	25-120	9	20	
Pyrene	ug/L	50	52.3	50.4	105	101	70-130	4	21	
2,4,6-Tribromophenol (S)	%				103	98	65-140			
2-Fluorobiphenyl (S)	%				88	80	59-109			
2-Fluorophenol (S)	%				56	57	27-67			
Nitrobenzene-d5 (S)	%				93	86	53-100			
Phenol-d6 (S)	%				38	34	18-120			
Terphenyl-d14 (S)	%				103	101	59-108			

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QUALITY CONTROL DATA

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154369

QC Batch: 263553 | Analysis Method: EPA 8270 by HVI
QC Batch Method: EPA 3510 | Analysis Description: 8270 Water PAH by HVI
Associated Lab Samples: 40154369019, 40154369020, 40154369021, 40154369022

METHOD BLANK: 1551342 | Matrix: Water
Associated Lab Samples: 40154369019, 40154369020, 40154369021, 40154369022

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1-Methylnaphthalene	ug/L	<0.0059	0.030	08/04/17 13:27	
2-Methylnaphthalene	ug/L	<0.0049	0.024	08/04/17 13:27	
Acenaphthene	ug/L	<0.0061	0.030	08/04/17 13:27	
Acenaphthylene	ug/L	<0.0050	0.025	08/04/17 13:27	
Anthracene	ug/L	<0.010	0.052	08/04/17 13:27	
Benzo(a)anthracene	ug/L	<0.0076	0.038	08/04/17 13:27	
Benzo(a)pyrene	ug/L	<0.011	0.053	08/04/17 13:27	
Benzo(b)fluoranthene	ug/L	<0.0057	0.029	08/04/17 13:27	
Benzo(g,h,i)perylene	ug/L	<0.0068	0.034	08/04/17 13:27	
Benzo(k)fluoranthene	ug/L	<0.0076	0.038	08/04/17 13:27	
Chrysene	ug/L	<0.013	0.065	08/04/17 13:27	
Dibenz(a,h)anthracene	ug/L	<0.010	0.050	08/04/17 13:27	
Fluoranthene	ug/L	<0.011	0.053	08/04/17 13:27	
Fluorene	ug/L	<0.0080	0.040	08/04/17 13:27	
Indeno(1,2,3-cd)pyrene	ug/L	<0.018	0.088	08/04/17 13:27	
Naphthalene	ug/L	<0.018	0.092	08/04/17 13:27	
Phenanthrene	ug/L	<0.014	0.069	08/04/17 13:27	
Pyrene	ug/L	0.010J	0.038	08/04/17 13:27	
2-Fluorobiphenyl (S)	%	31	35-84	08/04/17 13:27	S0
Terphenyl-d14 (S)	%	58	10-129	08/04/17 13:27	

LABORATORY CONTROL SAMPLE & LCSD: 1551343 1551344

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1-Methylnaphthalene	ug/L	2	1.3	1.2	65	58	39-83	11	29	
2-Methylnaphthalene	ug/L	2	1.2	1.2	62	60	38-86	2	32	
Acenaphthene	ug/L	2	1.3	1.3	65	64	35-85	1	27	
Acenaphthylene	ug/L	2	1.3	1.3	66	66	31-88	0	29	
Anthracene	ug/L	2	1.6	1.1	81	57	47-104	36	25	R1
Benzo(a)anthracene	ug/L	2	1.3	1.3	67	67	36-105	0	20	
Benzo(a)pyrene	ug/L	2	1.8	1.7	89	86	69-117	4	20	
Benzo(b)fluoranthene	ug/L	2	1.6	1.6	79	81	54-107	3	22	
Benzo(g,h,i)perylene	ug/L	2	0.71	0.74	35	37	13-86	5	33	
Benzo(k)fluoranthene	ug/L	2	1.9	1.8	93	91	63-128	2	20	
Chrysene	ug/L	2	2.0	2.1	101	103	69-150	2	20	
Dibenz(a,h)anthracene	ug/L	2	0.59	0.66	30	33	10-87	10	37	
Fluoranthene	ug/L	2	1.6	1.5	79	73	57-103	7	20	
Fluorene	ug/L	2	1.2	1.2	62	61	38-85	3	28	
Indeno(1,2,3-cd)pyrene	ug/L	2	1.2	1.2	61	59	40-111	4	22	
Naphthalene	ug/L	2	1.3	1.3	63	63	39-82	0	28	

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QUALITY CONTROL DATA

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154369

LABORATORY CONTROL SAMPLE & LCSD: 1551343 1551344

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Phenanthrene	ug/L	2	1.4	1.3	68	65	46-96	5	25	
Pyrene	ug/L	2	1.6	1.6	80	82	57-110	2	20	
2-Fluorobiphenyl (S)	%				60	60	35-84			
Terphenyl-d14 (S)	%				79	80	10-129			

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QUALITY CONTROL DATA

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154369

QC Batch: 263698 | Analysis Method: EPA 8270 by HVI
QC Batch Method: EPA 3510 | Analysis Description: 8270 Water PAH by HVI
Associated Lab Samples: 40154369025, 40154369026, 40154369027

METHOD BLANK: 1552192 | Matrix: Water
Associated Lab Samples: 40154369025, 40154369026, 40154369027

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1-Methylnaphthalene	ug/L	<0.0059	0.030	08/08/17 12:57	
2-Methylnaphthalene	ug/L	<0.0049	0.024	08/08/17 12:57	
Acenaphthene	ug/L	<0.0061	0.030	08/08/17 12:57	
Acenaphthylene	ug/L	<0.0050	0.025	08/08/17 12:57	
Anthracene	ug/L	<0.010	0.052	08/08/17 12:57	
Benzo(a)anthracene	ug/L	<0.0076	0.038	08/08/17 12:57	
Benzo(a)pyrene	ug/L	<0.011	0.053	08/08/17 12:57	
Benzo(b)fluoranthene	ug/L	<0.0057	0.029	08/08/17 12:57	
Benzo(g,h,i)perylene	ug/L	<0.0068	0.034	08/08/17 12:57	
Benzo(k)fluoranthene	ug/L	<0.0076	0.038	08/08/17 12:57	
Chrysene	ug/L	<0.013	0.065	08/08/17 12:57	
Dibenz(a,h)anthracene	ug/L	<0.010	0.050	08/08/17 12:57	
Fluoranthene	ug/L	<0.011	0.053	08/08/17 12:57	
Fluorene	ug/L	<0.0080	0.040	08/08/17 12:57	
Indeno(1,2,3-cd)pyrene	ug/L	<0.018	0.088	08/08/17 12:57	
Naphthalene	ug/L	<0.018	0.092	08/08/17 12:57	
Phenanthrene	ug/L	0.036J	0.069	08/08/17 12:57	
Pyrene	ug/L	0.013J	0.038	08/08/17 12:57	
2-Fluorobiphenyl (S)	%	50	35-84	08/08/17 12:57	
Terphenyl-d14 (S)	%	93	10-129	08/08/17 12:57	

LABORATORY CONTROL SAMPLE: 1552193

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/L	2	1.0	51	39-83	
2-Methylnaphthalene	ug/L	2	0.97	48	38-86	
Acenaphthene	ug/L	2	1.1	56	35-85	
Acenaphthylene	ug/L	2	0.95	48	31-88	
Anthracene	ug/L	2	1.4	70	47-104	
Benzo(a)anthracene	ug/L	2	1.2	60	36-105	
Benzo(a)pyrene	ug/L	2	1.7	85	69-117	
Benzo(b)fluoranthene	ug/L	2	1.7	87	54-107	
Benzo(g,h,i)perylene	ug/L	2	0.91	45	13-86	
Benzo(k)fluoranthene	ug/L	2	2.0	99	63-128	
Chrysene	ug/L	2	2.0	102	69-150	
Dibenz(a,h)anthracene	ug/L	2	0.77	39	10-87	
Fluoranthene	ug/L	2	1.5	74	57-103	
Fluorene	ug/L	2	1.2	59	38-85	
Indeno(1,2,3-cd)pyrene	ug/L	2	1.3	64	40-111	
Naphthalene	ug/L	2	1.0	51	39-82	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154369

LABORATORY CONTROL SAMPLE: 1552193

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Phenanthrene	ug/L	2	1.4	70	46-96	
Pyrene	ug/L	2	1.6	82	57-110	
2-Fluorobiphenyl (S)	%			54	35-84	
Terphenyl-d14 (S)	%			88	10-129	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1552415 1552416

Parameter	Units	40154369027 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1-Methylnaphthalene	ug/L	0.0099J	2	2	1.0	0.96	50	47	27-86	6	29	
2-Methylnaphthalene	ug/L	<0.0049	2	2	1.0	0.84	51	42	30-86	20	35	
Acenaphthene	ug/L	0.0077J	2	2	1.1	0.95	54	47	28-85	13	29	
Acenaphthylene	ug/L	<0.0050	2	2	0.93	0.81	47	40	27-88	15	29	
Anthracene	ug/L	0.047J	2	2	0.97	0.98	46	47	38-104	1	35	
Benzo(a)anthracene	ug/L	<0.0076	2	2	0.69	0.62	35	31	10-105	11	28	
Benzo(a)pyrene	ug/L	0.015J	2	2	0.66	0.63	32	31	10-130	5	26	
Benzo(b)fluoranthene	ug/L	0.020J	2	2	0.65	0.66	32	32	10-115	1	25	
Benzo(g,h,i)perylene	ug/L	0.019J	2	2	0.52	0.46	25	22	10-87	12	42	
Benzo(k)fluoranthene	ug/L	0.010J	2	2	0.80	0.80	39	39	10-133	1	25	
Chrysene	ug/L	0.029J	2	2	1.2	1.1	57	51	17-150	10	24	
Dibenz(a,h)anthracene	ug/L	<0.010	2	2	0.50	0.41	25	21	10-89	18	49	
Fluoranthene	ug/L	0.036J	2	2	1.1	1.0	51	48	41-103	6	32	
Fluorene	ug/L	0.010J	2	2	1.1	0.95	53	47	32-85	13	28	
Indeno(1,2,3-cd)pyrene	ug/L	<0.018	2	2	0.49	0.41	24	20	10-111	18	37	
Naphthalene	ug/L	0.031J	2	2	1.0	0.89	49	43	23-88	13	28	
Phenanthrene	ug/L	0.064J	2	2	1.2	1.1	55	54	33-96	2	25	
Pyrene	ug/L	0.038J	2	2	1.3	1.2	63	57	38-110	9	28	
2-Fluorobiphenyl (S)	%						51	43	35-84			
Terphenyl-d14 (S)	%						53	47	10-129			

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QUALITY CONTROL DATA

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154369

QC Batch: 264481 | Analysis Method: ASTM D2974-87
QC Batch Method: ASTM D2974-87 | Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 40154369001, 40154369002, 40154369003, 40154369004, 40154369005, 40154369006, 40154369007, 40154369008, 40154369009, 40154369010, 40154369011, 40154369012, 40154369013, 40154369014, 40154369015, 40154369016

SAMPLE DUPLICATE: 1556479

Parameter	Units	40154369004 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	15.4	15.1	2	10	

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QUALIFIERS

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154369

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above LOD.

J - Estimated concentration at or above the LOD and below the LOQ.

LOD - Limit of Detection adjusted for dilution factor and percent moisture.

LOQ - Limit of Quantitation adjusted for dilution factor and percent moisture.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected at or above the adjusted LOD.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

LABORATORIES

PASI-G	Pace Analytical Services - Green Bay

BATCH QUALIFIERS

Batch: 263639

[M5]	A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.
[1]	The 2-fluorobiphenyl surrogate recovery was below limits in the MB [Method Blank]. The samples could not be re-extracted within hold times.

Batch: 263780

[M5]	A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

ANALYTE QUALIFIERS

1q	There was no chance to reextract within sample hold time.
2q	This sample could not be re-extracted within hold time.
B	Analyte was detected in the associated method blank.
D3	Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.
L1	Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results may be biased high.
M0	Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
R1	RPD value was outside control limits.
S0	Surrogate recovery outside laboratory control limits.
S4	Surrogate recovery not evaluated against control limits due to sample dilution.
W	Non-detect results are reported on a wet weight basis.

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QUALIFIERS

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154369

ANALYTE QUALIFIERS

pH	Post-analysis pH measurement indicates insufficient VOA sample preservation.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154369

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40154369009	**SB-39 3-4'**	EPA 3541	263888	EPA 8082	263889
40154369010	**SB-21 3-3.5'**	EPA 3541	263757	EPA 8082	263760
40154369011	**SB-24 3-4'**	EPA 3541	263757	EPA 8082	263760
40154369012	**SB-25 3-4'**	EPA 3541	263757	EPA 8082	263760
40154369015	**SB-48 1-2'**	EPA 3541	263888	EPA 8082	263889
40154369016	**SB-47 2-2.5'**	EPA 3541	263888	EPA 8082	263889
40154369001	**SB-2 1-1.5'**	EPA 3050	263652	EPA 6010	264045
40154369002	**SB-42 1-2'**	EPA 3050	263652	EPA 6010	264045
40154369003	**SB-4 3-4'**	EPA 3050	263652	EPA 6010	264045
40154369004	**SB-5 4-5'**	EPA 3050	263652	EPA 6010	264045
40154369005	**SB-6 3-4'**	EPA 3050	263652	EPA 6010	264045
40154369006	**SB-8 10-12'**	EPA 3050	263652	EPA 6010	264045
40154369007	**SB-7 10-12'**	EPA 3050	263652	EPA 6010	264045
40154369008	**SB-9 4-5'**	EPA 3050	263652	EPA 6010	264045
40154369009	**SB-39 3-4'**	EPA 3050	263850	EPA 6010	263983
40154369010	**SB-21 3-3.5'**	EPA 3050	263850	EPA 6010	263983
40154369011	**SB-24 3-4'**	EPA 3050	263850	EPA 6010	263983
40154369012	**SB-25 3-4'**	EPA 3050	263850	EPA 6010	263983
40154369013	**SB-43 3-4'**	EPA 3050	263652	EPA 6010	264045
40154369014	**SB-44 2-3'**	EPA 3050	263652	EPA 6010	264045
40154369015	**SB-48 1-2'**	EPA 3050	263850	EPA 6010	263983
40154369016	**SB-47 2-2.5'**	EPA 3050	263850	EPA 6010	263983
40154369017	**SB-20-S**	EPA 3010	263825	EPA 6010	263913
40154369018	**SB-21-S**	EPA 3010	263825	EPA 6010	263913
40154369019	**SB-42-S**	EPA 3010	263825	EPA 6010	263913
40154369020	**SB-3-S**	EPA 3010	263825	EPA 6010	263913
40154369021	**SB-5-S**	EPA 3010	263825	EPA 6010	263913
40154369022	**SB-4-S**	EPA 3010	263825	EPA 6010	263913
40154369023	**SB-24-S**	EPA 3010	263825	EPA 6010	263913
40154369024	**SB-25-S**	EPA 3010	263825	EPA 6010	263913
40154369025	**SB-8-S**	EPA 3010	263825	EPA 6010	263913
40154369026	**SB-43-S**	EPA 3010	263825	EPA 6010	263913
40154369027	**SB-44-S**	EPA 3010	263825	EPA 6010	263913
40154369028	**SB-48-S**	EPA 3010	263825	EPA 6010	263913
40154369017	**SB-20-S**	EPA 7470	264303	EPA 7470	264364
40154369018	**SB-21-S**	EPA 7470	264303	EPA 7470	264364
40154369023	**SB-24-S**	EPA 7470	264303	EPA 7470	264364
40154369024	**SB-25-S**	EPA 7470	264303	EPA 7470	264364
40154369028	**SB-48-S**	EPA 7470	264303	EPA 7470	264364
40154369009	**SB-39 3-4'**	EPA 7471	264416	EPA 7471	264455
40154369010	**SB-21 3-3.5'**	EPA 7471	264416	EPA 7471	264455
40154369011	**SB-24 3-4'**	EPA 7471	264416	EPA 7471	264455
40154369012	**SB-25 3-4'**	EPA 7471	264416	EPA 7471	264455
40154369015	**SB-48 1-2'**	EPA 7471	264416	EPA 7471	264455

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154369

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40154369016	**SB-47 2-2.5'**	EPA 7471	264416	EPA 7471	264455
40154369001	**SB-2 1-1.5'**	EPA 3546	264123	EPA 8270 by SIM	264221
40154369002	**SB-42 1-2'**	EPA 3546	264123	EPA 8270 by SIM	264221
40154369003	**SB-4 3-4'**	EPA 3546	264123	EPA 8270 by SIM	264221
40154369004	**SB-5 4-5'**	EPA 3546	264123	EPA 8270 by SIM	264221
40154369005	**SB-6 3-4'**	EPA 3546	264123	EPA 8270 by SIM	264221
40154369006	**SB-8 10-12'**	EPA 3546	264123	EPA 8270 by SIM	264221
40154369007	**SB-7 10-12'**	EPA 3546	264123	EPA 8270 by SIM	264221
40154369008	**SB-9 4-5'**	EPA 3546	264123	EPA 8270 by SIM	264221
40154369013	**SB-43 3-4'**	EPA 3546	264123	EPA 8270 by SIM	264221
40154369014	**SB-44 2-3'**	EPA 3546	264123	EPA 8270 by SIM	264221
40154369009	**SB-39 3-4'**	EPA 3546	263715	EPA 8270	263777
40154369010	**SB-21 3-3.5'**	EPA 3546	263715	EPA 8270	263777
40154369011	**SB-24 3-4'**	EPA 3546	263715	EPA 8270	263777
40154369012	**SB-25 3-4'**	EPA 3546	263715	EPA 8270	263777
40154369015	**SB-48 1-2'**	EPA 3546	263715	EPA 8270	263777
40154369016	**SB-47 2-2.5'**	EPA 3546	263715	EPA 8270	263777
40154369017	**SB-20-S**	EPA 3510	263696	EPA 8270	263780
40154369018	**SB-21-S**	EPA 3510	263696	EPA 8270	263780
40154369023	**SB-24-S**	EPA 3510	263696	EPA 8270	263780
40154369024	**SB-25-S**	EPA 3510	263696	EPA 8270	263780
40154369028	**SB-48-S**	EPA 3510	263696	EPA 8270	263780
40154369019	**SB-42-S**	EPA 3510	263553	EPA 8270 by HVI	263639
40154369020	**SB-3-S**	EPA 3510	263553	EPA 8270 by HVI	263639
40154369021	**SB-5-S**	EPA 3510	263553	EPA 8270 by HVI	263639
40154369022	**SB-4-S**	EPA 3510	263553	EPA 8270 by HVI	263639
40154369025	**SB-8-S**	EPA 3510	263698	EPA 8270 by HVI	263801
40154369026	**SB-43-S**	EPA 3510	263698	EPA 8270 by HVI	263801
40154369027	**SB-44-S**	EPA 3510	263698	EPA 8270 by HVI	263801
40154369001	**SB-2 1-1.5'**	EPA 5035/5030B	263747	EPA 8260	263750
40154369002	**SB-42 1-2'**	EPA 5035/5030B	263623	EPA 8260	263626
40154369003	**SB-4 3-4'**	EPA 5035/5030B	263623	EPA 8260	263626
40154369004	**SB-5 4-5'**	EPA 5035/5030B	263623	EPA 8260	263626
40154369005	**SB-6 3-4'**	EPA 5035/5030B	263623	EPA 8260	263626
40154369006	**SB-8 10-12'**	EPA 5035/5030B	263623	EPA 8260	263626
40154369007	**SB-7 10-12'**	EPA 5035/5030B	263623	EPA 8260	263626
40154369008	**SB-9 4-5'**	EPA 5035/5030B	263623	EPA 8260	263626
40154369009	**SB-39 3-4'**	EPA 5035/5030B	263623	EPA 8260	263626
40154369010	**SB-21 3-3.5'**	EPA 5035/5030B	263747	EPA 8260	263750
40154369011	**SB-24 3-4'**	EPA 5035/5030B	263747	EPA 8260	263750
40154369012	**SB-25 3-4'**	EPA 5035/5030B	263747	EPA 8260	263750
40154369013	**SB-43 3-4'**	EPA 5035/5030B	263747	EPA 8260	263750
40154369014	**SB-44 2-3'**	EPA 5035/5030B	263747	EPA 8260	263750
40154369015	**SB-48 1-2'**	EPA 5035/5030B	263747	EPA 8260	263750
40154369016	**SB-47 2-2.5'**	EPA 5035/5030B	263747	EPA 8260	263750

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: KRAFT HEINZ FOODS COMPANY
Pace Project No.: 40154369

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40154369017	**SB-20-S**	EPA 8260	263541		
40154369018	**SB-21-S**	EPA 8260	263541		
40154369019	**SB-42-S**	EPA 8260	263541		
40154369020	**SB-3-S**	EPA 8260	263541		
40154369021	**SB-5-S**	EPA 8260	263541		
40154369022	**SB-4-S**	EPA 8260	263541		
40154369023	**SB-24-S**	EPA 8260	263541		
40154369024	**SB-25-S**	EPA 8260	263541		
40154369025	**SB-8-S**	EPA 8260	263541		
40154369026	**SB-43-S**	EPA 8260	263541		
40154369027	**SB-44-S**	EPA 8260	263541		
40154369028	**SB-48-S**	EPA 8260	263541		
40154369001	**SB-2 1-1.5'**	ASTM D2974-87	264481		
40154369002	**SB-42 1-2'**	ASTM D2974-87	264481		
40154369003	**SB-4 3-4'**	ASTM D2974-87	264481		
40154369004	**SB-5 4-5'**	ASTM D2974-87	264481		
40154369005	**SB-6 3-4'**	ASTM D2974-87	264481		
40154369006	**SB-8 10-12'**	ASTM D2974-87	264481		
40154369007	**SB-7 10-12'**	ASTM D2974-87	264481		
40154369008	**SB-9 4-5'**	ASTM D2974-87	264481		
40154369009	**SB-39 3-4'**	ASTM D2974-87	264481		
40154369010	**SB-21 3-3.5'**	ASTM D2974-87	264481		
40154369011	**SB-24 3-4'**	ASTM D2974-87	264481		
40154369012	**SB-25 3-4'**	ASTM D2974-87	264481		
40154369013	**SB-43 3-4'**	ASTM D2974-87	264481		
40154369014	**SB-44 2-3'**	ASTM D2974-87	264481		
40154369015	**SB-48 1-2'**	ASTM D2974-87	264481		
40154369016	**SB-47 2-2.5'**	ASTM D2974-87	264481		

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(Please Print Clearly)

Company Name:	ERM
Branch/Location:	
Project Contact:	
Phone:	
Project Number:	
Project Name:	Kraft Heinz Foods Company
Project State:	Wisconsin
Sampled By (Print):	Stephen Horkwater / Andrew Dorst
Sampled By (Sign):	[signature]
PO #:	Regulatory Program:

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RMV

Page 1 of

CHAIN OF CUSTODY

*Preservation Codes
A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH
H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

Quote #:	40154369
Mail To Contact:	
Mail To Company:	
Mail To Address:	
Invoice To Contact:	
Invoice To Company:	
Invoice To Address:	
Invoice To Phone:	

Data Package Options (billable)
☐ EPA Level III
☐ EPA Level IV

MS/MSD
☐ On your sample (billable)
☐ NOT needed on your sample

Matrix Codes
A = Air, B = Biota, C = Charcoal, O = Oil, S = Soil, Sl = Sludge, W = Water, DW = Drinking Water, GW = Ground Water, SW = Surface Water, WW = Waste Water, WP = Wipe

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	FILTERED? (YES/NO) Y/N	PRESERVATION (CODE)* Pick Letter	VOCs	Lead	PAHs	SVOCs	PCBs	Metals			CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
	~~SB-3 8-10'~~	~~7/31/17~~	~~11:50~~	~~SOIL~~	~~Y~~		~~X~~	~~X~~	~~X~~								
	~~SB-[illegible] 1-1.5'~~	~~7/31/17~~	~~12:50~~	~~SOIL~~	~~Y~~		~~X~~	~~X~~	~~X~~								
001	SB-2 1-1.5'	7/31/17	14:10	SOIL	Y		X	X	X						2-40mlVF	1-4ozpA	1-4ozagA
002	SB-42 1-2'	7/31/17	15:00	SOIL	Y		X	X	X								
003	SB-4 3-4'	7/31	16:00	SOIL	Y		X	X	X								
004	SB-5 4-5'	7/31	1700	SOIL	Y		X	X	X								
005	SB-6 3-4'	7/31	17:50	SOIL	Y		X	X	X								
006	SB-8 10-12'	8/1	905	SOIL	Y		X	X	X						1-40mlVF		
007	SB-7 10-12'	8/1	1000	SOIL	Y		X	X	X								
008	SB-9 4-5'	8/1	10:50	SOIL	Y		X	X	X								
009	SB-39 3-4'	8/1	11:40	SOIL	Y		X			X	X	X					2-4ozagA
010	SB-21 3-3.5	7/31/17	14:50	S			X			X	X	X			1-40mlVF	1-4ozpA	
011	SB-24 3-4	7/31/17	16:20	S			X			X	X	X					

Rush Turnaround Time Requested - Prelims
(Rush TAT subject to approval/surcharge)
Date Needed:

Transmit Prelim Rush Results by (complete what you want):

Email #1:	
Email #2:	
Telephone:	
Fax:	

Samples on HOLD are subject to special pricing and release of liability

Relinquished By:	Date/Time:	Received By:	Date/Time:
Philip Keller	8/1 17:45		
[signature]	8-3-17 0955	[signature]	8-3-17 0955

PACE Project No. 40154369
Receipt Temp = RoT °C
Sample Receipt pH: OK / Adjusted
Cooler Custody Seal: Present / Not Present, Intact / Not Intact

C019a(27Jun2006)

Version 6.0 06/14/06

ORIGINAL

(Please Print Clearly)

Company Name:	CRM
Branch/Location:	
Project Contact:	
Phone:	
Project Number:	
Project Name:	
Project State:	Wisconsin
Sampled By (Print):	Andrew David / Philip Kotter
Sampled By (Sign):	Philip [signature]
PO #:	Regulatory Program:

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UPPER MIDWEST REGION
MN: 612-607-1700 WI: 920-469-2436

Page 1 of

40154369

CHAIN OF CUSTODY

*Preservation Codes
A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH
H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

Quote #:	
Mail To Contact:	
Mail To Company:	
Mail To Address:	
Invoice To Contact:	
Invoice To Company:	
Invoice To Address:	
Invoice To Phone:	

Data Package Options (billable)
- ☐ EPA Level III
- ☐ EPA Level IV

MS/MSD
- ☐ On your sample (billable)
- ☐ NOT needed on your sample

Matrix Codes
A = Air, B = Biota, C = Charcoal, O = Oil, S = Soil, SI = Sludge, W = Water, DW = Drinking Water, GW = Ground Water, SW = Surface Water, WW = Waste Water, WP = Wipe

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	FILTERED? (YES/NO) Y/N	PRESERVATION (CODE)* Pick Letter	VOCs	SVOCs	PCBs	Metals	PAH	LGAD	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
012	SB-25 3-4	7/31/17	17:15	S			X	X	X	X			1-40mlvF	1-4ozpA 2-4ozagA	
013	SB-43 3-4	8/1/17	9:30	S			X				X	X		1-4ozagA	
014	SB-44 2-3	8/1/17	10:35	S			X				X	X			
015	SB-48 1-2	8/1/17	11:20	S			X	X	X	X				2-4ozagA	
016	SB-47 2-2.5	8/1/17	12:30	S			X	X	X	X					
017	SB-20-S	7/31/17	14:15	GW			X	X		X			3-40mlvB	2-1LagA	1-250mlpD
018	SB-21-S	7/31/17	15:00	GW			X	X		X					
019	SB-42-S	7/31/17	15:45	GW			X				X	X		2-100mlagA	
020	SB-3-S	7/31/17	16:30	GW			X				X	X			
021	SB-5-S	7/31/17	17:25	GW			X				X	X			
022	SB-4-S	7/31/17	18:00	GW			X				X	X			
023	SB-24-S	8/1/17	8:20	GW			X	X		X				2-1LagA	
024	SB-25-S	8/1/17	9:10	GW			X	X		X					

Rush Turnaround Time Requested - Prelims
(Rush TAT subject to approval/surcharge)
Date Needed:

Transmit Prelim Rush Results by (complete what you want):

Email #1:	
Email #2:	
Telephone:	
Fax:	

Samples on HOLD are subject to special pricing and release of liability

Relinquished By:	Date/Time:	Received By:	Date/Time:
Philip Kotter	8/1 13:45	Pace	
C S Logistics	8/3/17 0925	Susan Tuffu	8/3/17 0925

PACE Project No. 40154369

Receipt Temp = ROT °C

Sample Receipt pH OK / Adjusted

Cooler Custody Seal Present / Not Present Intact / Not Intact

Version 6.0 06/14/06

C019a(27Jun2006)

ORIGINAL

(Please Print Clearly)

Company Name:	ERM
Branch/Location:	
Project Contact:	
Phone:	
Project Number:	
Project Name:	
Project State:	Wisconsin
Sampled By (Print):	Philip Kestler
Sampled By (Sign):	
PO #:	
Regulatory Program:	

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UPPER MIDWEST REGION
MN: 612-607-1700 WI: 920-469-2436

Page 1 of

CHAIN OF CUSTODY

*Preservation Codes
A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH
H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

Quote #:	40154369
Mail To Contact:	
Mail To Company:	
Mail To Address:	
Invoice To Contact:	
Invoice To Company:	
Invoice To Address:	
Invoice To Phone:	

Data Package Options (billable)
- ☐ EPA Level III
- ☐ EPA Level IV

MS/MSD
- ☐ On your sample (billable)
- ☐ NOT needed on your sample

Matrix Codes
A = Air, B = Biota, C = Charcoal, O = Oil, S = Soil, SI = Sludge, W = Water, DW = Drinking Water, GW = Ground Water, SW = Surface Water, WW = Waste Water, WP = Wipe

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	FILTERED? (YES/NO) Y/N	PRESERVATION (CODE)* Pick Letter	VOC	SVOC	metals	PAH	Lead				CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
025	SB-8-S	8/1/17	10:00	GW			X			X	X				3-40mlVB	2-1L amber, 1-250mlp	D
026	SB-43-S	8/1/17	10:45	GW			X			X	X					2-1L amber	
027	SB-44-S	8/1/17	11:10	GW			X			X	X						
028	SB-48-S	8/1/17	11:40	GW			X	X	X								

Rush Turnaround Time Requested - Prelims
(Rush TAT subject to approval/surcharge)
Date Needed:

Transmit Prelim Rush Results by (complete what you want):

Email #1:	
Email #2:	
Telephone:	
Fax:	

Samples on HOLD are subject to special pricing and release of liability

Relinquished By:	Date/Time:	Received By:	Date/Time:
Philip Kestler	8/1 13:45		
[signature]	8-3-17 0925	[signature]	8-3-17 0925

PACE Project No. 40154369

Receipt Temp = ROI °C

Sample Receipt pH OK / Adjusted

Cooler Custody Seal Present / Not Present Intact / Not Intact

Version 6.0 06/14/06

C019a(27Jun2006)

ORIGINAL

Pace Analytical

Sample Condition Upon Receipt

Pace Analytical Services, LLC. - Green Bay WI
1241 Bellevue Street, Suite 9
Green Bay, WI 54302

Client Name: ERM

Project #:

WO# : 40154369

40154369

Courier: ☐ Fed Ex ☐ UPS ☐ Client ☐ Pace Other: CS Requestors

Tracking #: 746080117

Custody Seal on Cooler/Box Present: ☒ yes ☐ no Seals intact: ☑ yes ☐ no

Custody Seal on Samples Present: ☐ yes ☒ no Seals intact: ☐ yes ☐ no

Packing Material: ☒ Bubble Wrap ☒ Bubble Bags ☐ None ☐ Other

Thermometer Used N/A **Type of Ice:** (Wet) Blue Dry None ☑ Samples on ice, cooling process has begun

Cooler Temperature Uncorr: ROI /Corr: **Biological Tissue is Frozen:** ☐ yes ☐ no

Temp Blank Present: ☐ yes ☑ no

Temp should be above freezing to 6°C.
Biota Samples may be received at ≤ 0°C.

Person examining contents:
Date: 8-3-17
Initials: AL

		Comments:
Chain of Custody Present:	☑Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☑Yes ☐No ☐N/A	2.
Chain of Custody Relinquished:	☑Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☑Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	☑Yes ☐No ☐N/A	5.
- VOA Samples frozen upon receipt	☐Yes ☐No	Date/Time:
Short Hold Time Analysis (<72hr):	☑Yes ☐No ☐N/A	6.
Rush Turn Around Time Requested:	☐Yes ☑No ☐N/A	7.
Sufficient Volume:	☐Yes ☑No ☐N/A	8. No MS/MSD 8-3-17
Correct Containers Used:	☑Yes ☐No ☐N/A	9.
-Pace Containers Used:	☑Yes ☐No ☐N/A	
-Pace IR Containers Used:	☐Yes ☐No ☑N/A	
Containers Intact:	☑Yes ☐No ☐N/A	10.
Filtered volume received for Dissolved tests	☐Yes ☐No ☑N/A	11.
Sample Labels match COC: -Includes date/time/ID/Analysis Matrix: W	☐Yes ☑No ☐N/A	12. 018 - No ID on samples - placed by Collect info match. W RMW 020) ID has SB 3-$ 8/3/17
All containers needing preservation have been checked. (Non-Compliance noted in 13.)	☑Yes ☐No ☐N/A	13. ☑ HNO3 ☐ H2SO4 ☐ NaOH ☐ NaOH +ZnAct
All containers needing preservation are found to be in compliance with EPA recommendation. (HNO3, H2SO4 <2; NaOH+ZnAct ≥9, NaOH ≥12)	☑Yes ☐No ☐N/A	
exceptions: VOA, coliform, TOC, TOX, TOH, O&G, WIDRW, Phenolics, OTHER:	☑Yes ☐No	Initial when completed SKW / Lab Std #ID of preservative / Date/Time:
Headspace in VOA Vials (>6mm):	☐Yes ☑No ☐N/A	14.
Trip Blank Present:	☐Yes ☑No ☐N/A	15.
Trip Blank Custody Seals Present	☐Yes ☐No ☑N/A	
Pace Trip Blank Lot # (if purchased):		

Client Notification/ Resolution: If checked, see attached form for additional comments ☐

Person Contacted: Date/Time:

Comments/ Resolution:

Soil vials from sample points 001-009 are covered RMW 8/3/17

Project Manager Review: AL for DM **Date:** 8-3-17

F-GB-C-031-Rev.04 (12Dec2016) SCUR.xls
Pace Analytical Services LLC. - Green Bay WI

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

August 18, 2017

Andrew DeWitt
ERM, Inc.
3352 128th Avenue
Holland, MI 49424

RE: Project: 0403363 KRAFT
Pace Project No.: 40154484

Dear Andrew DeWitt:
Enclosed are the analytical results for sample(s) received by the laboratory on August 04, 2017. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Dan Milewsky
dan.milewsky@pacelabs.com
(920)469-2436
Project Manager

Enclosures

cc: Carl Stay, ERM, Inc.
David deCourcy-Bower, ERM, Inc.

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CERTIFICATIONS

Project: 0403363 KRAFT
Pace Project No.: 40154484

Green Bay Certification IDs

1241 Bellevue Street, Green Bay, WI 54302
Florida/NELAP Certification #: E87948
Illinois Certification #: 200050
Kentucky UST Certification #: 82
Louisiana Certification #: 04168
Minnesota Certification #: 055-999-334
New York Certification #: 12064
North Dakota Certification #: R-150
Virginia VELAP ID: 460263
South Carolina Certification #: 83006001
Texas Certification #: T104704529-14-1
Wisconsin Certification #: 405132750
Wisconsin DATCP Certification #: 105-444
USDA Soil Permit #: P330-16-00157
Federal Fish & Wildlife Permit #: LE51774A-0

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SAMPLE SUMMARY

Project: 0403363 KRAFT
Pace Project No.: 40154484

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40154484001	**SB-17 4-5 (SOIL)**	Solid	08/02/17 14:55	08/04/17 10:10
40154484002	**SB-16 2-2.5 (SOIL)**	Solid	08/02/17 13:40	08/04/17 10:10
40154484003	**SB-49-S (GW)**	Water	08/02/17 14:30	08/04/17 10:10
40154484004	**SB-50-S (GW)**	Water	08/02/17 15:00	08/04/17 10:10
40154484005	**SB-51-S (GW)**	Water	08/02/17 15:30	08/04/17 10:10
40154484006	**SB-17-S (GW)**	Water	08/02/17 16:10	08/04/17 10:10
40154484007	**TRIP BLANK**	Water	08/02/17 00:00	08/04/17 10:10

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SAMPLE ANALYTE COUNT

Project: 0403363 KRAFT
Pace Project No.: 40154484

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40154484001	**SB-17 4-5 (SOIL)**	EPA 8082	BLM	10	PASI-G
		EPA 6010	JLD	7	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270	RJN	70	PASI-G
		EPA 8260	LAP	64	PASI-G
		ASTM D2974-87	KTS	1	PASI-G
40154484002	**SB-16 2-2.5 (SOIL)**	EPA 8082	BLM	10	PASI-G
		EPA 6010	JLD	7	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270	RJN	70	PASI-G
		EPA 8260	LAP	64	PASI-G
		ASTM D2974-87	KTS	1	PASI-G
40154484003	**SB-49-S (GW)**	EPA 6010	DLB	7	PASI-G
		EPA 7470	AJT	1	PASI-G
		EPA 8270	RJN	70	PASI-G
		EPA 8260	HNW	64	PASI-G
40154484004	**SB-50-S (GW)**	EPA 6010	DLB	7	PASI-G
		EPA 7470	AJT	1	PASI-G
		EPA 8270	RJN	70	PASI-G
		EPA 8260	HNW	64	PASI-G
40154484005	**SB-51-S (GW)**	EPA 6010	DLB	7	PASI-G
		EPA 7470	AJT	1	PASI-G
		EPA 8270	RJN	70	PASI-G
		EPA 8260	HNW	64	PASI-G
40154484006	**SB-17-S (GW)**	EPA 6010	DLB	7	PASI-G
		EPA 7470	AJT	1	PASI-G
		EPA 8270	RJN	70	PASI-G
		EPA 8260	HNW	64	PASI-G
40154484007	**TRIP BLANK**	EPA 8260	HNW	64	PASI-G

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Green Bay, WI 54302
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SUMMARY OF DETECTION

Project: 0403363 KRAFT
Pace Project No.: 40154484

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40154484001	**SB-17 4-5 (SOIL)**					
EPA 6010	Arsenic	2.5J	mg/kg	5.3	08/14/17 15:16	
EPA 6010	Barium	9.6	mg/kg	0.53	08/14/17 15:16	
EPA 6010	Chromium	3.9	mg/kg	1.1	08/14/17 15:16	
EPA 6010	Lead	10.3	mg/kg	1.4	08/14/17 15:16	
ASTM D2974-87	Percent Moisture	6.4	%	0.10	08/08/17 15:06	
40154484002	**SB-16 2-2.5 (SOIL)**					
EPA 6010	Arsenic	6.1	mg/kg	5.6	08/14/17 15:23	
EPA 6010	Barium	16.5	mg/kg	0.56	08/14/17 15:23	
EPA 6010	Cadmium	0.36J	mg/kg	0.56	08/14/17 15:23	
EPA 6010	Chromium	5.9	mg/kg	1.1	08/14/17 15:23	
EPA 6010	Lead	15.8	mg/kg	1.5	08/14/17 15:23	
EPA 7471	Mercury	0.019J	mg/kg	0.041	08/15/17 13:24	
EPA 8270	Benzo(a)anthracene	102J	ug/kg	259	08/15/17 19:13	
EPA 8270	Benzo(a)pyrene	128J	ug/kg	251	08/15/17 19:13	
EPA 8270	Benzo(b)fluoranthene	132J	ug/kg	287	08/15/17 19:13	
EPA 8270	Benzo(g,h,i)perylene	146J	ug/kg	437	08/15/17 19:13	
EPA 8270	Chrysene	179J	ug/kg	250	08/15/17 19:13	
EPA 8270	Fluoranthene	182J	ug/kg	236	08/15/17 19:13	
EPA 8270	Indeno(1,2,3-cd)pyrene	124J	ug/kg	361	08/15/17 19:13	
EPA 8270	Phenanthrene	222	ug/kg	214	08/15/17 19:13	
EPA 8270	Pyrene	203J	ug/kg	370	08/15/17 19:13	
EPA 8260	Methylene Chloride	32.0J	ug/kg	72.1	08/08/17 09:41	
EPA 8260	Naphthalene	151J	ug/kg	300	08/08/17 09:41	
ASTM D2974-87	Percent Moisture	16.8	%	0.10	08/08/17 15:06	
40154484003	**SB-49-S (GW)**					
EPA 6010	Arsenic	24.6J	ug/L	25.0	08/11/17 10:00	
EPA 6010	Barium	434	ug/L	5.0	08/11/17 10:00	
EPA 6010	Chromium	180	ug/L	10.0	08/11/17 10:00	
EPA 6010	Lead	51.7	ug/L	13.0	08/11/17 10:00	
EPA 8260	1,2-Dichlorobenzene	0.58J	ug/L	1.0	08/08/17 11:21	
40154484004	**SB-50-S (GW)**					
EPA 6010	Arsenic	19.8J	ug/L	25.0	08/11/17 10:02	
EPA 6010	Barium	455	ug/L	5.0	08/11/17 10:02	
EPA 6010	Chromium	151	ug/L	10.0	08/11/17 10:02	
EPA 6010	Lead	39.0	ug/L	13.0	08/11/17 10:02	
40154484005	**SB-51-S (GW)**					
EPA 6010	Barium	49.0	ug/L	5.0	08/11/17 09:52	
40154484006	**SB-17-S (GW)**					
EPA 6010	Arsenic	40.9	ug/L	25.0	08/11/17 10:05	
EPA 6010	Barium	501	ug/L	5.0	08/11/17 10:05	
EPA 6010	Chromium	37.6	ug/L	10.0	08/11/17 10:05	
EPA 6010	Lead	25.5	ug/L	13.0	08/11/17 10:05	

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1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154484

Sample: SB-17 4-5 (SOIL) **Lab ID: 40154484001** Collected: 08/02/17 14:55 Received: 08/04/17 10:10 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB	Analytical Method: EPA 8082 Preparation Method: EPA 3541								
PCB-1016 (Aroclor 1016)	**<26.7**	ug/kg	53.4	26.7	1	08/08/17 13:03	08/10/17 12:34	12674-11-2	
PCB-1221 (Aroclor 1221)	**<26.7**	ug/kg	53.4	26.7	1	08/08/17 13:03	08/10/17 12:34	11104-28-2	
PCB-1232 (Aroclor 1232)	**<26.7**	ug/kg	53.4	26.7	1	08/08/17 13:03	08/10/17 12:34	11141-16-5	
PCB-1242 (Aroclor 1242)	**<26.7**	ug/kg	53.4	26.7	1	08/08/17 13:03	08/10/17 12:34	53469-21-9	
PCB-1248 (Aroclor 1248)	**<26.7**	ug/kg	53.4	26.7	1	08/08/17 13:03	08/10/17 12:34	12672-29-6	
PCB-1254 (Aroclor 1254)	**<26.7**	ug/kg	53.4	26.7	1	08/08/17 13:03	08/10/17 12:34	11097-69-1	
PCB-1260 (Aroclor 1260)	**<26.7**	ug/kg	53.4	26.7	1	08/08/17 13:03	08/10/17 12:34	11096-82-5	
PCB, Total	**<26.7**	ug/kg	53.4	26.7	1	08/08/17 13:03	08/10/17 12:34	1336-36-3	
Surrogates									
Tetrachloro-m-xylene (S)	70	%	50-102		1	08/08/17 13:03	08/10/17 12:34	877-09-8	
Decachlorobiphenyl (S)	76	%	53-105		1	08/08/17 13:03	08/10/17 12:34	2051-24-3	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050								
Arsenic	**2.5J**	mg/kg	5.3	1.1	1	08/10/17 15:25	08/14/17 15:16	7440-38-2	
Barium	**9.6**	mg/kg	0.53	0.16	1	08/10/17 15:25	08/14/17 15:16	7440-39-3	
Cadmium	**<0.14**	mg/kg	0.53	0.14	1	08/10/17 15:25	08/14/17 15:16	7440-43-9	
Chromium	**3.9**	mg/kg	1.1	0.30	1	08/10/17 15:25	08/14/17 15:16	7440-47-3	
Lead	**10.3**	mg/kg	1.4	0.46	1	08/10/17 15:25	08/14/17 15:16	7439-92-1	
Selenium	**<1.2**	mg/kg	5.3	1.2	1	08/10/17 15:25	08/14/17 15:16	7782-49-2	
Silver	**<0.37**	mg/kg	1.1	0.37	1	08/10/17 15:25	08/14/17 15:16	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471								
Mercury	**<0.011**	mg/kg	0.038	0.011	1	08/14/17 07:42	08/15/17 13:22	7439-97-6	
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546								
1,2,4-Trichlorobenzene	**<20.2**	ug/kg	67.2	20.2	1	08/14/17 11:07	08/15/17 16:23	120-82-1	
1,2-Dichlorobenzene	**<56.1**	ug/kg	187	56.1	1	08/14/17 11:07	08/15/17 16:23	95-50-1	
1,3-Dichlorobenzene	**<24.7**	ug/kg	82.3	24.7	1	08/14/17 11:07	08/15/17 16:23	541-73-1	
1,4-Dichlorobenzene	**<24.8**	ug/kg	82.8	24.8	1	08/14/17 11:07	08/15/17 16:23	106-46-7	
2,2'-Oxybis(1-chloropropane)	**<46.0**	ug/kg	153	46.0	1	08/14/17 11:07	08/15/17 16:23	108-60-1	
2,4,5-Trichlorophenol	**<31.5**	ug/kg	105	31.5	1	08/14/17 11:07	08/15/17 16:23	95-95-4	
2,4,6-Trichlorophenol	**<27.2**	ug/kg	90.6	27.2	1	08/14/17 11:07	08/15/17 16:23	88-06-2	
2,4-Dichlorophenol	**<47.6**	ug/kg	159	47.6	1	08/14/17 11:07	08/15/17 16:23	120-83-2	
2,4-Dimethylphenol	**<35.3**	ug/kg	118	35.3	1	08/14/17 11:07	08/15/17 16:23	105-67-9	
2,4-Dinitrophenol	**<54.3**	ug/kg	181	54.3	1	08/14/17 11:07	08/15/17 16:23	51-28-5	L1
2,4-Dinitrotoluene	**<25.5**	ug/kg	85.0	25.5	1	08/14/17 11:07	08/15/17 16:23	121-14-2	
2,6-Dinitrotoluene	**<33.8**	ug/kg	113	33.8	1	08/14/17 11:07	08/15/17 16:23	606-20-2	
2-Chloronaphthalene	**<22.9**	ug/kg	76.3	22.9	1	08/14/17 11:07	08/15/17 16:23	91-58-7	
2-Chlorophenol	**<44.5**	ug/kg	148	44.5	1	08/14/17 11:07	08/15/17 16:23	95-57-8	
2-Methylnaphthalene	**<46.3**	ug/kg	154	46.3	1	08/14/17 11:07	08/15/17 16:23	91-57-6	
2-Methylphenol(o-Cresol)	**<32.4**	ug/kg	108	32.4	1	08/14/17 11:07	08/15/17 16:23	95-48-7	
2-Nitroaniline	**<50.8**	ug/kg	169	50.8	1	08/14/17 11:07	08/15/17 16:23	88-74-4	
2-Nitrophenol	**<56.3**	ug/kg	188	56.3	1	08/14/17 11:07	08/15/17 16:23	88-75-5	
3&4-Methylphenol(m&p Cresol)	**<32.7**	ug/kg	109	32.7	1	08/14/17 11:07	08/15/17 16:23		
3,3'-Dichlorobenzidine	**<48.4**	ug/kg	161	48.4	1	08/14/17 11:07	08/15/17 16:23	91-94-1	

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1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154484

Sample: SB-17 4-5 (SOIL) **Lab ID: 40154484001** Collected: 08/02/17 14:55 Received: 08/04/17 10:10 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546								
3-Nitroaniline	**<30.3**	ug/kg	101	30.3	1	08/14/17 11:07	08/15/17 16:23	99-09-2	
4,6-Dinitro-2-methylphenol	**<54.9**	ug/kg	183	54.9	1	08/14/17 11:07	08/15/17 16:23	534-52-1	
4-Bromophenylphenyl ether	**<37.3**	ug/kg	124	37.3	1	08/14/17 11:07	08/15/17 16:23	101-55-3	
4-Chloro-3-methylphenol	**<55.5**	ug/kg	185	55.5	1	08/14/17 11:07	08/15/17 16:23	59-50-7	
4-Chloroaniline	**<29.3**	ug/kg	97.6	29.3	1	08/14/17 11:07	08/15/17 16:23	106-47-8	
4-Chlorophenylphenyl ether	**<33.2**	ug/kg	111	33.2	1	08/14/17 11:07	08/15/17 16:23	7005-72-3	
4-Nitroaniline	**<74.0**	ug/kg	247	74.0	1	08/14/17 11:07	08/15/17 16:23	100-01-6	
4-Nitrophenol	**<44.9**	ug/kg	150	44.9	1	08/14/17 11:07	08/15/17 16:23	100-02-7	
Acenaphthene	**<63.2**	ug/kg	211	63.2	1	08/14/17 11:07	08/15/17 16:23	83-32-9	
Acenaphthylene	**<63.6**	ug/kg	212	63.6	1	08/14/17 11:07	08/15/17 16:23	208-96-8	
Anthracene	**<28.5**	ug/kg	95.0	28.5	1	08/14/17 11:07	08/15/17 16:23	120-12-7	
Benzo(a)anthracene	**<27.6**	ug/kg	92.0	27.6	1	08/14/17 11:07	08/15/17 16:23	56-55-3	
Benzo(a)pyrene	**<26.8**	ug/kg	89.4	26.8	1	08/14/17 11:07	08/15/17 16:23	50-32-8	
Benzo(b)fluoranthene	**<30.6**	ug/kg	102	30.6	1	08/14/17 11:07	08/15/17 16:23	205-99-2	
Benzo(g,h,i)perylene	**<46.6**	ug/kg	155	46.6	1	08/14/17 11:07	08/15/17 16:23	191-24-2	
Benzo(k)fluoranthene	**<42.7**	ug/kg	142	42.7	1	08/14/17 11:07	08/15/17 16:23	207-08-9	
Butylbenzylphthalate	**<28.6**	ug/kg	95.3	28.6	1	08/14/17 11:07	08/15/17 16:23	85-68-7	
Carbazole	**<27.9**	ug/kg	93.0	27.9	1	08/14/17 11:07	08/15/17 16:23	86-74-8	
Chrysene	**<26.7**	ug/kg	88.8	26.7	1	08/14/17 11:07	08/15/17 16:23	218-01-9	
Di-n-butylphthalate	**<26.6**	ug/kg	88.8	26.6	1	08/14/17 11:07	08/15/17 16:23	84-74-2	L1
Di-n-octylphthalate	**<40.1**	ug/kg	134	40.1	1	08/14/17 11:07	08/15/17 16:23	117-84-0	
Dibenz(a,h)anthracene	**<48.4**	ug/kg	161	48.4	1	08/14/17 11:07	08/15/17 16:23	53-70-3	
Dibenzofuran	**<21.6**	ug/kg	71.9	21.6	1	08/14/17 11:07	08/15/17 16:23	132-64-9	
Diethylphthalate	**<29.6**	ug/kg	98.5	29.6	1	08/14/17 11:07	08/15/17 16:23	84-66-2	
Dimethylphthalate	**<23.2**	ug/kg	77.3	23.2	1	08/14/17 11:07	08/15/17 16:23	131-11-3	
Fluoranthene	**<25.2**	ug/kg	84.1	25.2	1	08/14/17 11:07	08/15/17 16:23	206-44-0	
Fluorene	**<20.8**	ug/kg	69.5	20.8	1	08/14/17 11:07	08/15/17 16:23	86-73-7	
Hexachloro-1,3-butadiene	**<45.4**	ug/kg	151	45.4	1	08/14/17 11:07	08/15/17 16:23	87-68-3	
Hexachlorobenzene	**<30.0**	ug/kg	99.9	30.0	1	08/14/17 11:07	08/15/17 16:23	118-74-1	
Hexachlorocyclopentadiene	**<42.2**	ug/kg	141	42.2	1	08/14/17 11:07	08/15/17 16:23	77-47-4	
Hexachloroethane	**<28.5**	ug/kg	95.1	28.5	1	08/14/17 11:07	08/15/17 16:23	67-72-1	
Indeno(1,2,3-cd)pyrene	**<38.6**	ug/kg	129	38.6	1	08/14/17 11:07	08/15/17 16:23	193-39-5	
Isophorone	**<27.4**	ug/kg	91.3	27.4	1	08/14/17 11:07	08/15/17 16:23	78-59-1	
N-Nitroso-di-n-propylamine	**<28.3**	ug/kg	94.2	28.3	1	08/14/17 11:07	08/15/17 16:23	621-64-7	
N-Nitrosodiphenylamine	**<242**	ug/kg	806	242	1	08/14/17 11:07	08/15/17 16:23	86-30-6	
Naphthalene	**<62.3**	ug/kg	208	62.3	1	08/14/17 11:07	08/15/17 16:23	91-20-3	
Nitrobenzene	**<36.2**	ug/kg	121	36.2	1	08/14/17 11:07	08/15/17 16:23	98-95-3	
Pentachlorophenol	**<39.3**	ug/kg	131	39.3	1	08/14/17 11:07	08/15/17 16:23	87-86-5	
Phenanthrene	**<22.9**	ug/kg	76.2	22.9	1	08/14/17 11:07	08/15/17 16:23	85-01-8	
Phenol	**<42.3**	ug/kg	141	42.3	1	08/14/17 11:07	08/15/17 16:23	108-95-2	
Pyrene	**<39.5**	ug/kg	132	39.5	1	08/14/17 11:07	08/15/17 16:23	129-00-0	
bis(2-Chloroethoxy)methane	**<48.0**	ug/kg	160	48.0	1	08/14/17 11:07	08/15/17 16:23	111-91-1	
bis(2-Chloroethyl) ether	**<55.7**	ug/kg	186	55.7	1	08/14/17 11:07	08/15/17 16:23	111-44-4	
bis(2-Ethylhexyl)phthalate	**<29.6**	ug/kg	98.8	29.6	1	08/14/17 11:07	08/15/17 16:23	117-81-7	

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ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154484

Sample: SB-17 4-5 (SOIL) **Lab ID: 40154484001** Collected: 08/02/17 14:55 Received: 08/04/17 10:10 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546								
Surrogates									
Nitrobenzene-d5 (S)	53	%	13-114		1	08/14/17 11:07	08/15/17 16:23	4165-60-0	
2-Fluorobiphenyl (S)	57	%	18-127		1	08/14/17 11:07	08/15/17 16:23	321-60-8	
Terphenyl-d14 (S)	80	%	41-109		1	08/14/17 11:07	08/15/17 16:23	1718-51-0	
Phenol-d6 (S)	57	%	30-97		1	08/14/17 11:07	08/15/17 16:23	13127-88-3	
2-Fluorophenol (S)	55	%	16-103		1	08/14/17 11:07	08/15/17 16:23	367-12-4	
2,4,6-Tribromophenol (S)	75	%	13-143		1	08/14/17 11:07	08/15/17 16:23	118-79-6	
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/08/17 09:18	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/08/17 09:18	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/08/17 09:18	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/08/17 09:18	75-27-4	W
Bromoform	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/08/17 09:18	75-25-2	W
Bromomethane	**<69.9**	ug/kg	250	69.9	1	08/07/17 08:15	08/08/17 09:18	74-83-9	W
n-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/08/17 09:18	104-51-8	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/08/17 09:18	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/08/17 09:18	98-06-6	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/08/17 09:18	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/08/17 09:18	108-90-7	W
Chloroethane	**<67.0**	ug/kg	250	67.0	1	08/07/17 08:15	08/08/17 09:18	75-00-3	W
Chloroform	**<46.4**	ug/kg	250	46.4	1	08/07/17 08:15	08/08/17 09:18	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/08/17 09:18	74-87-3	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/08/17 09:18	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/08/17 09:18	106-43-4	W
1,2-Dibromo-3-chloropropane	**<91.2**	ug/kg	250	91.2	1	08/07/17 08:15	08/08/17 09:18	96-12-8	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/08/17 09:18	124-48-1	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/08/17 09:18	106-93-4	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/08/17 09:18	74-95-3	W
1,2-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/08/17 09:18	95-50-1	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/08/17 09:18	541-73-1	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/08/17 09:18	106-46-7	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/08/17 09:18	75-71-8	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/08/17 09:18	75-34-3	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/08/17 09:18	107-06-2	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/08/17 09:18	75-35-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/08/17 09:18	156-59-2	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/08/17 09:18	156-60-5	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/08/17 09:18	78-87-5	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/08/17 09:18	142-28-9	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/08/17 09:18	594-20-7	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/08/17 09:18	563-58-6	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/08/17 09:18	10061-01-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/08/17 09:18	10061-02-6	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/08/17 09:18	108-20-3	W

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ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154484

Sample: SB-17 4-5 (SOIL) **Lab ID: 40154484001** Collected: 08/02/17 14:55 Received: 08/04/17 10:10 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/08/17 09:18	100-41-4	W
Hexachloro-1,3-butadiene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/08/17 09:18	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/08/17 09:18	98-82-8	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/08/17 09:18	99-87-6	W
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/08/17 09:18	75-09-2	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/08/17 09:18	1634-04-4	W
Naphthalene	**<40.0**	ug/kg	250	40.0	1	08/07/17 08:15	08/08/17 09:18	91-20-3	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/08/17 09:18	103-65-1	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/08/17 09:18	100-42-5	W
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/08/17 09:18	630-20-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/08/17 09:18	79-34-5	W
Tetrachloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/08/17 09:18	127-18-4	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/08/17 09:18	108-88-3	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/08/17 09:18	87-61-6	W
1,2,4-Trichlorobenzene	**<47.6**	ug/kg	250	47.6	1	08/07/17 08:15	08/08/17 09:18	120-82-1	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/08/17 09:18	71-55-6	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/08/17 09:18	79-00-5	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/08/17 09:18	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/08/17 09:18	75-69-4	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/08/17 09:18	96-18-4	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/08/17 09:18	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/08/17 09:18	108-67-8	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/08/17 09:18	75-01-4	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	08/07/17 08:15	08/08/17 09:18	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/08/17 09:18	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	128	%	68-130		1	08/07/17 08:15	08/08/17 09:18	1868-53-7	
Toluene-d8 (S)	131	%	68-149		1	08/07/17 08:15	08/08/17 09:18	2037-26-5	
4-Bromofluorobenzene (S)	111	%	58-141		1	08/07/17 08:15	08/08/17 09:18	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**6.4**	%	0.10	0.10	1		08/08/17 15:06		

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1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154484

Sample: SB-16 2-2.5 (SOIL) **Lab ID: 40154484002** Collected: 08/02/17 13:40 Received: 08/04/17 10:10 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB	Analytical Method: EPA 8082 Preparation Method: EPA 3541								
PCB-1016 (Aroclor 1016)	**<300**	ug/kg	601	300	10	08/08/17 13:03	08/10/17 10:25	12674-11-2	D3
PCB-1221 (Aroclor 1221)	**<300**	ug/kg	601	300	10	08/08/17 13:03	08/10/17 10:25	11104-28-2	
PCB-1232 (Aroclor 1232)	**<300**	ug/kg	601	300	10	08/08/17 13:03	08/10/17 10:25	11141-16-5	
PCB-1242 (Aroclor 1242)	**<300**	ug/kg	601	300	10	08/08/17 13:03	08/10/17 10:25	53469-21-9	
PCB-1248 (Aroclor 1248)	**<300**	ug/kg	601	300	10	08/08/17 13:03	08/10/17 10:25	12672-29-6	
PCB-1254 (Aroclor 1254)	**<300**	ug/kg	601	300	10	08/08/17 13:03	08/10/17 10:25	11097-69-1	
PCB-1260 (Aroclor 1260)	**<300**	ug/kg	601	300	10	08/08/17 13:03	08/10/17 10:25	11096-82-5	
PCB, Total	**<300**	ug/kg	601	300	10	08/08/17 13:03	08/10/17 10:25	1336-36-3	
Surrogates									
Tetrachloro-m-xylene (S)	72	%	50-102		10	08/08/17 13:03	08/10/17 10:25	877-09-8	
Decachlorobiphenyl (S)	71	%	53-105		10	08/08/17 13:03	08/10/17 10:25	2051-24-3	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050								
Arsenic	**6.1**	mg/kg	5.6	1.2	1	08/10/17 15:25	08/14/17 15:23	7440-38-2	
Barium	**16.5**	mg/kg	0.56	0.17	1	08/10/17 15:25	08/14/17 15:23	7440-39-3	
Cadmium	**0.36J**	mg/kg	0.56	0.15	1	08/10/17 15:25	08/14/17 15:23	7440-43-9	
Chromium	**5.9**	mg/kg	1.1	0.31	1	08/10/17 15:25	08/14/17 15:23	7440-47-3	
Lead	**15.8**	mg/kg	1.5	0.49	1	08/10/17 15:25	08/14/17 15:23	7439-92-1	
Selenium	**<1.2**	mg/kg	5.6	1.2	1	08/10/17 15:25	08/14/17 15:23	7782-49-2	
Silver	**<0.39**	mg/kg	1.1	0.39	1	08/10/17 15:25	08/14/17 15:23	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471								
Mercury	**0.019J**	mg/kg	0.041	0.012	1	08/14/17 07:42	08/15/17 13:24	7439-97-6	
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546								
1,2,4-Trichlorobenzene	**<56.7**	ug/kg	189	56.7	2.5	08/14/17 11:07	08/15/17 19:13	120-82-1	
1,2-Dichlorobenzene	**<158**	ug/kg	525	158	2.5	08/14/17 11:07	08/15/17 19:13	95-50-1	
1,3-Dichlorobenzene	**<69.4**	ug/kg	231	69.4	2.5	08/14/17 11:07	08/15/17 19:13	541-73-1	
1,4-Dichlorobenzene	**<69.8**	ug/kg	233	69.8	2.5	08/14/17 11:07	08/15/17 19:13	106-46-7	
2,2'-Oxybis(1-chloropropane)	**<129**	ug/kg	431	129	2.5	08/14/17 11:07	08/15/17 19:13	108-60-1	
2,4,5-Trichlorophenol	**<88.5**	ug/kg	295	88.5	2.5	08/14/17 11:07	08/15/17 19:13	95-95-4	
2,4,6-Trichlorophenol	**<76.4**	ug/kg	255	76.4	2.5	08/14/17 11:07	08/15/17 19:13	88-06-2	
2,4-Dichlorophenol	**<134**	ug/kg	446	134	2.5	08/14/17 11:07	08/15/17 19:13	120-83-2	
2,4-Dimethylphenol	**<99.1**	ug/kg	330	99.1	2.5	08/14/17 11:07	08/15/17 19:13	105-67-9	
2,4-Dinitrophenol	**<153**	ug/kg	509	153	2.5	08/14/17 11:07	08/15/17 19:13	51-28-5	L1
2,4-Dinitrotoluene	**<71.7**	ug/kg	239	71.7	2.5	08/14/17 11:07	08/15/17 19:13	121-14-2	
2,6-Dinitrotoluene	**<95.1**	ug/kg	317	95.1	2.5	08/14/17 11:07	08/15/17 19:13	606-20-2	
2-Chloronaphthalene	**<64.3**	ug/kg	214	64.3	2.5	08/14/17 11:07	08/15/17 19:13	91-58-7	
2-Chlorophenol	**<125**	ug/kg	417	125	2.5	08/14/17 11:07	08/15/17 19:13	95-57-8	
2-Methylnaphthalene	**<130**	ug/kg	434	130	2.5	08/14/17 11:07	08/15/17 19:13	91-57-6	
2-Methylphenol(o-Cresol)	**<91.1**	ug/kg	304	91.1	2.5	08/14/17 11:07	08/15/17 19:13	95-48-7	
2-Nitroaniline	**<143**	ug/kg	476	143	2.5	08/14/17 11:07	08/15/17 19:13	88-74-4	
2-Nitrophenol	**<158**	ug/kg	527	158	2.5	08/14/17 11:07	08/15/17 19:13	88-75-5	
3&4-Methylphenol(m&p Cresol)	**<91.8**	ug/kg	306	91.8	2.5	08/14/17 11:07	08/15/17 19:13		
3,3'-Dichlorobenzidine	**<136**	ug/kg	453	136	2.5	08/14/17 11:07	08/15/17 19:13	91-94-1	

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ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154484

Sample: SB-16 2-2.5 (SOIL) **Lab ID: 40154484002** Collected: 08/02/17 13:40 Received: 08/04/17 10:10 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546								
3-Nitroaniline	**<85.2**	ug/kg	284	85.2	2.5	08/14/17 11:07	08/15/17 19:13	99-09-2	
4,6-Dinitro-2-methylphenol	**<154**	ug/kg	515	154	2.5	08/14/17 11:07	08/15/17 19:13	534-52-1	
4-Bromophenylphenyl ether	**<105**	ug/kg	350	105	2.5	08/14/17 11:07	08/15/17 19:13	101-55-3	
4-Chloro-3-methylphenol	**<156**	ug/kg	520	156	2.5	08/14/17 11:07	08/15/17 19:13	59-50-7	
4-Chloroaniline	**<82.4**	ug/kg	275	82.4	2.5	08/14/17 11:07	08/15/17 19:13	106-47-8	
4-Chlorophenylphenyl ether	**<93.3**	ug/kg	311	93.3	2.5	08/14/17 11:07	08/15/17 19:13	7005-72-3	
4-Nitroaniline	**<208**	ug/kg	693	208	2.5	08/14/17 11:07	08/15/17 19:13	100-01-6	
4-Nitrophenol	**<126**	ug/kg	421	126	2.5	08/14/17 11:07	08/15/17 19:13	100-02-7	
Acenaphthene	**<178**	ug/kg	592	178	2.5	08/14/17 11:07	08/15/17 19:13	83-32-9	
Acenaphthylene	**<179**	ug/kg	596	179	2.5	08/14/17 11:07	08/15/17 19:13	208-96-8	
Anthracene	**<80.1**	ug/kg	267	80.1	2.5	08/14/17 11:07	08/15/17 19:13	120-12-7	
Benzo(a)anthracene	**102J**	ug/kg	259	77.6	2.5	08/14/17 11:07	08/15/17 19:13	56-55-3	
Benzo(a)pyrene	**128J**	ug/kg	251	75.4	2.5	08/14/17 11:07	08/15/17 19:13	50-32-8	
Benzo(b)fluoranthene	**132J**	ug/kg	287	86.1	2.5	08/14/17 11:07	08/15/17 19:13	205-99-2	
Benzo(g,h,i)perylene	**146J**	ug/kg	437	131	2.5	08/14/17 11:07	08/15/17 19:13	191-24-2	
Benzo(k)fluoranthene	**<120**	ug/kg	400	120	2.5	08/14/17 11:07	08/15/17 19:13	207-08-9	
Butylbenzylphthalate	**<80.4**	ug/kg	268	80.4	2.5	08/14/17 11:07	08/15/17 19:13	85-68-7	
Carbazole	**<78.5**	ug/kg	262	78.5	2.5	08/14/17 11:07	08/15/17 19:13	86-74-8	
Chrysene	**179J**	ug/kg	250	74.9	2.5	08/14/17 11:07	08/15/17 19:13	218-01-9	
Di-n-butylphthalate	**<74.9**	ug/kg	250	74.9	2.5	08/14/17 11:07	08/15/17 19:13	84-74-2	L1
Di-n-octylphthalate	**<113**	ug/kg	376	113	2.5	08/14/17 11:07	08/15/17 19:13	117-84-0	
Dibenz(a,h)anthracene	**<136**	ug/kg	454	136	2.5	08/14/17 11:07	08/15/17 19:13	53-70-3	
Dibenzofuran	**<60.7**	ug/kg	202	60.7	2.5	08/14/17 11:07	08/15/17 19:13	132-64-9	
Diethylphthalate	**<83.1**	ug/kg	277	83.1	2.5	08/14/17 11:07	08/15/17 19:13	84-66-2	
Dimethylphthalate	**<65.2**	ug/kg	217	65.2	2.5	08/14/17 11:07	08/15/17 19:13	131-11-3	
Fluoranthene	**182J**	ug/kg	236	70.9	2.5	08/14/17 11:07	08/15/17 19:13	206-44-0	
Fluorene	**<58.6**	ug/kg	195	58.6	2.5	08/14/17 11:07	08/15/17 19:13	86-73-7	
Hexachloro-1,3-butadiene	**<128**	ug/kg	426	128	2.5	08/14/17 11:07	08/15/17 19:13	87-68-3	
Hexachlorobenzene	**<84.3**	ug/kg	281	84.3	2.5	08/14/17 11:07	08/15/17 19:13	118-74-1	
Hexachlorocyclopentadiene	**<119**	ug/kg	395	119	2.5	08/14/17 11:07	08/15/17 19:13	77-47-4	
Hexachloroethane	**<80.2**	ug/kg	267	80.2	2.5	08/14/17 11:07	08/15/17 19:13	67-72-1	
Indeno(1,2,3-cd)pyrene	**124J**	ug/kg	361	108	2.5	08/14/17 11:07	08/15/17 19:13	193-39-5	
Isophorone	**<77.0**	ug/kg	257	77.0	2.5	08/14/17 11:07	08/15/17 19:13	78-59-1	
N-Nitroso-di-n-propylamine	**<79.5**	ug/kg	265	79.5	2.5	08/14/17 11:07	08/15/17 19:13	621-64-7	
N-Nitrosodiphenylamine	**<680**	ug/kg	2270	680	2.5	08/14/17 11:07	08/15/17 19:13	86-30-6	
Naphthalene	**<175**	ug/kg	584	175	2.5	08/14/17 11:07	08/15/17 19:13	91-20-3	
Nitrobenzene	**<102**	ug/kg	339	102	2.5	08/14/17 11:07	08/15/17 19:13	98-95-3	
Pentachlorophenol	**<110**	ug/kg	368	110	2.5	08/14/17 11:07	08/15/17 19:13	87-86-5	
Phenanthrene	**222**	ug/kg	214	64.3	2.5	08/14/17 11:07	08/15/17 19:13	85-01-8	
Phenol	**<119**	ug/kg	396	119	2.5	08/14/17 11:07	08/15/17 19:13	108-95-2	D3
Pyrene	**203J**	ug/kg	370	111	2.5	08/14/17 11:07	08/15/17 19:13	129-00-0	
bis(2-Chloroethoxy)methane	**<135**	ug/kg	450	135	2.5	08/14/17 11:07	08/15/17 19:13	111-91-1	
bis(2-Chloroethyl) ether	**<156**	ug/kg	522	156	2.5	08/14/17 11:07	08/15/17 19:13	111-44-4	
bis(2-Ethylhexyl)phthalate	**<83.3**	ug/kg	278	83.3	2.5	08/14/17 11:07	08/15/17 19:13	117-81-7	

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ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154484

Sample: SB-16 2-2.5 (SOIL) **Lab ID: 40154484002** Collected: 08/02/17 13:40 Received: 08/04/17 10:10 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546								
Surrogates									
Nitrobenzene-d5 (S)	56	%	13-114		2.5	08/14/17 11:07	08/15/17 19:13	4165-60-0	
2-Fluorobiphenyl (S)	57	%	18-127		2.5	08/14/17 11:07	08/15/17 19:13	321-60-8	
Terphenyl-d14 (S)	63	%	41-109		2.5	08/14/17 11:07	08/15/17 19:13	1718-51-0	
Phenol-d6 (S)	54	%	30-97		2.5	08/14/17 11:07	08/15/17 19:13	13127-88-3	
2-Fluorophenol (S)	53	%	16-103		2.5	08/14/17 11:07	08/15/17 19:13	367-12-4	
2,4,6-Tribromophenol (S)	69	%	13-143		2.5	08/14/17 11:07	08/15/17 19:13	118-79-6	
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/08/17 09:41	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/08/17 09:41	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/08/17 09:41	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/08/17 09:41	75-27-4	W
Bromoform	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/08/17 09:41	75-25-2	W
Bromomethane	**<69.9**	ug/kg	250	69.9	1	08/07/17 08:15	08/08/17 09:41	74-83-9	W
n-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/08/17 09:41	104-51-8	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/08/17 09:41	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/08/17 09:41	98-06-6	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/08/17 09:41	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/08/17 09:41	108-90-7	W
Chloroethane	**<67.0**	ug/kg	250	67.0	1	08/07/17 08:15	08/08/17 09:41	75-00-3	W
Chloroform	**<46.4**	ug/kg	250	46.4	1	08/07/17 08:15	08/08/17 09:41	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/08/17 09:41	74-87-3	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/08/17 09:41	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/08/17 09:41	106-43-4	W
1,2-Dibromo-3-chloropropane	**<91.2**	ug/kg	250	91.2	1	08/07/17 08:15	08/08/17 09:41	96-12-8	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/08/17 09:41	124-48-1	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/08/17 09:41	106-93-4	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/08/17 09:41	74-95-3	W
1,2-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/08/17 09:41	95-50-1	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/08/17 09:41	541-73-1	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/08/17 09:41	106-46-7	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/08/17 09:41	75-71-8	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/08/17 09:41	75-34-3	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/08/17 09:41	107-06-2	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/08/17 09:41	75-35-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/08/17 09:41	156-59-2	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/08/17 09:41	156-60-5	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/08/17 09:41	78-87-5	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/08/17 09:41	142-28-9	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/08/17 09:41	594-20-7	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/08/17 09:41	563-58-6	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/08/17 09:41	10061-01-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/08/17 09:41	10061-02-6	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/08/17 09:41	108-20-3	W

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ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154484

Sample: SB-16 2-2.5 (SOIL) **Lab ID: 40154484002** Collected: 08/02/17 13:40 Received: 08/04/17 10:10 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/08/17 09:41	100-41-4	W
Hexachloro-1,3-butadiene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/08/17 09:41	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/08/17 09:41	98-82-8	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/08/17 09:41	99-87-6	W
Methylene Chloride	**32.0J**	ug/kg	72.1	30.0	1	08/07/17 08:15	08/08/17 09:41	75-09-2	
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/08/17 09:41	1634-04-4	W
Naphthalene	**151J**	ug/kg	300	48.1	1	08/07/17 08:15	08/08/17 09:41	91-20-3	
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/08/17 09:41	103-65-1	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/08/17 09:41	100-42-5	W
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/08/17 09:41	630-20-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/08/17 09:41	79-34-5	W
Tetrachloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/08/17 09:41	127-18-4	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/08/17 09:41	108-88-3	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/08/17 09:41	87-61-6	W
1,2,4-Trichlorobenzene	**<47.6**	ug/kg	250	47.6	1	08/07/17 08:15	08/08/17 09:41	120-82-1	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/08/17 09:41	71-55-6	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/08/17 09:41	79-00-5	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/08/17 09:41	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/08/17 09:41	75-69-4	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/08/17 09:41	96-18-4	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/08/17 09:41	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/08/17 09:41	108-67-8	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/08/17 09:41	75-01-4	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	08/07/17 08:15	08/08/17 09:41	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	08/07/17 08:15	08/08/17 09:41	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	139	%	68-130		1	08/07/17 08:15	08/08/17 09:41	1868-53-7	S3
Toluene-d8 (S)	135	%	68-149		1	08/07/17 08:15	08/08/17 09:41	2037-26-5	
4-Bromofluorobenzene (S)	120	%	58-141		1	08/07/17 08:15	08/08/17 09:41	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**16.8**	%	0.10	0.10	1		08/08/17 15:06		

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(920)469-2436

ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154484

Sample: SB-49-S (GW) **Lab ID: 40154484003** Collected: 08/02/17 14:30 Received: 08/04/17 10:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**24.6J**	ug/L	25.0	8.3	1	08/10/17 10:20	08/11/17 10:00	7440-38-2	
Barium	**434**	ug/L	5.0	1.5	1	08/10/17 10:20	08/11/17 10:00	7440-39-3	
Cadmium	**<1.3**	ug/L	5.0	1.3	1	08/10/17 10:20	08/11/17 10:00	7440-43-9	
Chromium	**180**	ug/L	10.0	2.5	1	08/10/17 10:20	08/11/17 10:00	7440-47-3	
Lead	**51.7**	ug/L	13.0	4.3	1	08/10/17 10:20	08/11/17 10:00	7439-92-1	
Selenium	**<16.6**	ug/L	50.0	16.6	1	08/10/17 10:20	08/11/17 10:00	7782-49-2	
Silver	**<3.3**	ug/L	10.0	3.3	1	08/10/17 10:20	08/11/17 10:00	7440-22-4	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**<0.13**	ug/L	0.42	0.13	1	08/14/17 10:55	08/15/17 09:58	7439-97-6	
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510								
1,2,4-Trichlorobenzene	**<1.9**	ug/L	6.5	1.9	1	08/09/17 08:14	08/14/17 22:10	120-82-1	
1,2-Dichlorobenzene	**<1.8**	ug/L	6.1	1.8	1	08/09/17 08:14	08/14/17 22:10	95-50-1	
1,3-Dichlorobenzene	**<1.8**	ug/L	6.0	1.8	1	08/09/17 08:14	08/14/17 22:10	541-73-1	
1,4-Dichlorobenzene	**<1.8**	ug/L	6.0	1.8	1	08/09/17 08:14	08/14/17 22:10	106-46-7	
2,2'-Oxybis(1-chloropropane)	**<1.5**	ug/L	4.8	1.5	1	08/09/17 08:14	08/14/17 22:10	108-60-1	
2,4,5-Trichlorophenol	**<0.80**	ug/L	2.7	0.80	1	08/09/17 08:14	08/14/17 22:10	95-95-4	
2,4,6-Trichlorophenol	**<2.0**	ug/L	6.7	2.0	1	08/09/17 08:14	08/14/17 22:10	88-06-2	
2,4-Dichlorophenol	**<1.3**	ug/L	4.3	1.3	1	08/09/17 08:14	08/14/17 22:10	120-83-2	
2,4-Dimethylphenol	**<1.2**	ug/L	4.0	1.2	1	08/09/17 08:14	08/14/17 22:10	105-67-9	
2,4-Dinitrophenol	**<0.68**	ug/L	2.3	0.68	1	08/09/17 08:14	08/14/17 22:10	51-28-5	
2,4-Dinitrotoluene	**<0.75**	ug/L	2.5	0.75	1	08/09/17 08:14	08/14/17 22:10	121-14-2	
2,6-Dinitrotoluene	**<0.57**	ug/L	1.9	0.57	1	08/09/17 08:14	08/14/17 22:10	606-20-2	
2-Chloronaphthalene	**<1.6**	ug/L	5.2	1.6	1	08/09/17 08:14	08/14/17 22:10	91-58-7	
2-Chlorophenol	**<1.1**	ug/L	3.7	1.1	1	08/09/17 08:14	08/14/17 22:10	95-57-8	
2-Methylnaphthalene	**<1.4**	ug/L	4.8	1.4	1	08/09/17 08:14	08/14/17 22:10	91-57-6	
2-Methylphenol(o-Cresol)	**<0.83**	ug/L	2.8	0.83	1	08/09/17 08:14	08/14/17 22:10	95-48-7	
2-Nitroaniline	**<0.74**	ug/L	2.5	0.74	1	08/09/17 08:14	08/14/17 22:10	88-74-4	
2-Nitrophenol	**<1.1**	ug/L	3.7	1.1	1	08/09/17 08:14	08/14/17 22:10	88-75-5	
3&4-Methylphenol(m&p Cresol)	**<1.5**	ug/L	5.0	1.5	1	08/09/17 08:14	08/14/17 22:10		
3,3'-Dichlorobenzidine	**<0.86**	ug/L	2.9	0.86	1	08/09/17 08:14	08/14/17 22:10	91-94-1	
3-Nitroaniline	**<0.92**	ug/L	3.1	0.92	1	08/09/17 08:14	08/14/17 22:10	99-09-2	
4,6-Dinitro-2-methylphenol	**<0.62**	ug/L	2.1	0.62	1	08/09/17 08:14	08/14/17 22:10	534-52-1	
4-Bromophenylphenyl ether	**<1.9**	ug/L	6.3	1.9	1	08/09/17 08:14	08/14/17 22:10	101-55-3	
4-Chloro-3-methylphenol	**<1.6**	ug/L	5.4	1.6	1	08/09/17 08:14	08/14/17 22:10	59-50-7	
4-Chloroaniline	**<1.0**	ug/L	3.5	1.0	1	08/09/17 08:14	08/14/17 22:10	106-47-8	
4-Chlorophenylphenyl ether	**<0.78**	ug/L	2.6	0.78	1	08/09/17 08:14	08/14/17 22:10	7005-72-3	
4-Nitroaniline	**<1.7**	ug/L	5.8	1.7	1	08/09/17 08:14	08/14/17 22:10	100-01-6	
4-Nitrophenol	**<1.0**	ug/L	3.3	1.0	1	08/09/17 08:14	08/14/17 22:10	100-02-7	
Acenaphthene	**<1.3**	ug/L	4.3	1.3	1	08/09/17 08:14	08/14/17 22:10	83-32-9	
Acenaphthylene	**<1.0**	ug/L	3.4	1.0	1	08/09/17 08:14	08/14/17 22:10	208-96-8	
Anthracene	**<1.7**	ug/L	5.7	1.7	1	08/09/17 08:14	08/14/17 22:10	120-12-7	
Benzo(a)anthracene	**<0.51**	ug/L	1.7	0.51	1	08/09/17 08:14	08/14/17 22:10	56-55-3	
Benzo(a)pyrene	**<1.8**	ug/L	6.0	1.8	1	08/09/17 08:14	08/14/17 22:10	50-32-8	
Benzo(b)fluoranthene	**<0.62**	ug/L	2.1	0.62	1	08/09/17 08:14	08/14/17 22:10	205-99-2	

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ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154484

Sample: SB-49-S (GW) **Lab ID: 40154484003** Collected: 08/02/17 14:30 Received: 08/04/17 10:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510								
Benzo(g,h,i)perylene	**<0.77**	ug/L	2.6	0.77	1	08/09/17 08:14	08/14/17 22:10	191-24-2	
Benzo(k)fluoranthene	**<0.95**	ug/L	3.2	0.95	1	08/09/17 08:14	08/14/17 22:10	207-08-9	
Butylbenzylphthalate	**<0.74**	ug/L	2.5	0.74	1	08/09/17 08:14	08/14/17 22:10	85-68-7	
Carbazole	**<0.71**	ug/L	2.4	0.71	1	08/09/17 08:14	08/14/17 22:10	86-74-8	
Chrysene	**<1.7**	ug/L	5.5	1.7	1	08/09/17 08:14	08/14/17 22:10	218-01-9	
Di-n-butylphthalate	**<2.4**	ug/L	8.1	2.4	1	08/09/17 08:14	08/14/17 22:10	84-74-2	
Di-n-octylphthalate	**<1.8**	ug/L	6.0	1.8	1	08/09/17 08:14	08/14/17 22:10	117-84-0	
Dibenz(a,h)anthracene	**<1.3**	ug/L	4.2	1.3	1	08/09/17 08:14	08/14/17 22:10	53-70-3	
Dibenzofuran	**<0.73**	ug/L	2.4	0.73	1	08/09/17 08:14	08/14/17 22:10	132-64-9	
Diethylphthalate	**<1.0**	ug/L	3.4	1.0	1	08/09/17 08:14	08/14/17 22:10	84-66-2	
Dimethylphthalate	**<1.8**	ug/L	6.1	1.8	1	08/09/17 08:14	08/14/17 22:10	131-11-3	
Fluoranthene	**<0.54**	ug/L	1.8	0.54	1	08/09/17 08:14	08/14/17 22:10	206-44-0	
Fluorene	**<0.71**	ug/L	2.4	0.71	1	08/09/17 08:14	08/14/17 22:10	86-73-7	
Hexachloro-1,3-butadiene	**<2.3**	ug/L	7.8	2.3	1	08/09/17 08:14	08/14/17 22:10	87-68-3	
Hexachlorobenzene	**<1.6**	ug/L	5.4	1.6	1	08/09/17 08:14	08/14/17 22:10	118-74-1	
Hexachlorocyclopentadiene	**<0.65**	ug/L	2.2	0.65	1	08/09/17 08:14	08/14/17 22:10	77-47-4	
Hexachloroethane	**<2.5**	ug/L	8.4	2.5	1	08/09/17 08:14	08/14/17 22:10	67-72-1	
Indeno(1,2,3-cd)pyrene	**<1.4**	ug/L	4.8	1.4	1	08/09/17 08:14	08/14/17 22:10	193-39-5	
Isophorone	**<0.70**	ug/L	2.3	0.70	1	08/09/17 08:14	08/14/17 22:10	78-59-1	
N-Nitroso-di-n-propylamine	**<0.92**	ug/L	3.1	0.92	1	08/09/17 08:14	08/14/17 22:10	621-64-7	
N-Nitrosodiphenylamine	**<3.4**	ug/L	11.2	3.4	1	08/09/17 08:14	08/14/17 22:10	86-30-6	
Naphthalene	**<1.8**	ug/L	6.0	1.8	1	08/09/17 08:14	08/14/17 22:10	91-20-3	
Nitrobenzene	**<1.4**	ug/L	4.6	1.4	1	08/09/17 08:14	08/14/17 22:10	98-95-3	
Pentachlorophenol	**<1.4**	ug/L	4.6	1.4	1	08/09/17 08:14	08/14/17 22:10	87-86-5	
Phenanthrene	**<1.7**	ug/L	5.8	1.7	1	08/09/17 08:14	08/14/17 22:10	85-01-8	
Phenol	**<0.57**	ug/L	1.9	0.57	1	08/09/17 08:14	08/14/17 22:10	108-95-2	
Pyrene	**<1.3**	ug/L	4.3	1.3	1	08/09/17 08:14	08/14/17 22:10	129-00-0	
bis(2-Chloroethoxy)methane	**<0.95**	ug/L	3.2	0.95	1	08/09/17 08:14	08/14/17 22:10	111-91-1	
bis(2-Chloroethyl) ether	**<1.5**	ug/L	5.0	1.5	1	08/09/17 08:14	08/14/17 22:10	111-44-4	
bis(2-Ethylhexyl)phthalate	**<0.66**	ug/L	2.2	0.66	1	08/09/17 08:14	08/14/17 22:10	117-81-7	
Surrogates									
Nitrobenzene-d5 (S)	89	%	53-100		1	08/09/17 08:14	08/14/17 22:10	4165-60-0	
2-Fluorobiphenyl (S)	79	%	59-109		1	08/09/17 08:14	08/14/17 22:10	321-60-8	
Terphenyl-d14 (S)	77	%	59-108		1	08/09/17 08:14	08/14/17 22:10	1718-51-0	
Phenol-d6 (S)	30	%	18-120		1	08/09/17 08:14	08/14/17 22:10	13127-88-3	
2-Fluorophenol (S)	46	%	27-67		1	08/09/17 08:14	08/14/17 22:10	367-12-4	
2,4,6-Tribromophenol (S)	104	%	65-140		1	08/09/17 08:14	08/14/17 22:10	118-79-6	
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 11:21	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		08/08/17 11:21	108-86-1	
Bromochloromethane	**<0.34**	ug/L	1.0	0.34	1		08/08/17 11:21	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		08/08/17 11:21	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		08/08/17 11:21	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		08/08/17 11:21	74-83-9	
n-Butylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 11:21	104-51-8	

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ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154484

Sample: SB-49-S (GW) **Lab ID: 40154484003** Collected: 08/02/17 14:30 Received: 08/04/17 10:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		08/08/17 11:21	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		08/08/17 11:21	98-06-6	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		08/08/17 11:21	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 11:21	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		08/08/17 11:21	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		08/08/17 11:21	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		08/08/17 11:21	74-87-3	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 11:21	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		08/08/17 11:21	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		08/08/17 11:21	96-12-8	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		08/08/17 11:21	124-48-1	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		08/08/17 11:21	106-93-4	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		08/08/17 11:21	74-95-3	
1,2-Dichlorobenzene	**0.58J**	ug/L	1.0	0.50	1		08/08/17 11:21	95-50-1	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 11:21	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 11:21	106-46-7	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		08/08/17 11:21	75-71-8	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		08/08/17 11:21	75-34-3	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		08/08/17 11:21	107-06-2	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		08/08/17 11:21	75-35-4	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		08/08/17 11:21	156-59-2	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		08/08/17 11:21	156-60-5	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		08/08/17 11:21	78-87-5	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		08/08/17 11:21	142-28-9	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		08/08/17 11:21	594-20-7	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		08/08/17 11:21	563-58-6	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 11:21	10061-01-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		08/08/17 11:21	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		08/08/17 11:21	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 11:21	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		08/08/17 11:21	87-68-3	
Isopropylbenzene (Cumene)	**<0.14**	ug/L	1.0	0.14	1		08/08/17 11:21	98-82-8	
p-Isopropyltoluene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 11:21	99-87-6	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		08/08/17 11:21	75-09-2	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		08/08/17 11:21	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		08/08/17 11:21	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 11:21	103-65-1	
Styrene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 11:21	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		08/08/17 11:21	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.25**	ug/L	1.0	0.25	1		08/08/17 11:21	79-34-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 11:21	127-18-4	
Toluene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 11:21	108-88-3	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		08/08/17 11:21	87-61-6	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		08/08/17 11:21	120-82-1	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		08/08/17 11:21	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		08/08/17 11:21	79-00-5	

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ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154484

Sample: SB-49-S (GW) **Lab ID: 40154484003** Collected: 08/02/17 14:30 Received: 08/04/17 10:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		08/08/17 11:21	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		08/08/17 11:21	75-69-4	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		08/08/17 11:21	96-18-4	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 11:21	95-63-6	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 11:21	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		08/08/17 11:21	75-01-4	
m&p-Xylene	**<1.0**	ug/L	2.0	1.0	1		08/08/17 11:21	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 11:21	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	96	%	61-130		1		08/08/17 11:21	460-00-4	
Dibromofluoromethane (S)	101	%	67-130		1		08/08/17 11:21	1868-53-7	
Toluene-d8 (S)	103	%	70-130		1		08/08/17 11:21	2037-26-5	

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ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154484

Sample: SB-50-S (GW) **Lab ID: 40154484004** Collected: 08/02/17 15:00 Received: 08/04/17 10:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**19.8J**	ug/L	25.0	8.3	1	08/10/17 10:20	08/11/17 10:02	7440-38-2	
Barium	**455**	ug/L	5.0	1.5	1	08/10/17 10:20	08/11/17 10:02	7440-39-3	
Cadmium	**<1.3**	ug/L	5.0	1.3	1	08/10/17 10:20	08/11/17 10:02	7440-43-9	
Chromium	**151**	ug/L	10.0	2.5	1	08/10/17 10:20	08/11/17 10:02	7440-47-3	
Lead	**39.0**	ug/L	13.0	4.3	1	08/10/17 10:20	08/11/17 10:02	7439-92-1	
Selenium	**<16.6**	ug/L	50.0	16.6	1	08/10/17 10:20	08/11/17 10:02	7782-49-2	
Silver	**<3.3**	ug/L	10.0	3.3	1	08/10/17 10:20	08/11/17 10:02	7440-22-4	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**<0.13**	ug/L	0.42	0.13	1	08/14/17 10:55	08/15/17 10:01	7439-97-6	
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510								
1,2,4-Trichlorobenzene	**<1.9**	ug/L	6.5	1.9	1	08/09/17 08:14	08/14/17 22:32	120-82-1	
1,2-Dichlorobenzene	**<1.8**	ug/L	6.1	1.8	1	08/09/17 08:14	08/14/17 22:32	95-50-1	
1,3-Dichlorobenzene	**<1.8**	ug/L	6.0	1.8	1	08/09/17 08:14	08/14/17 22:32	541-73-1	
1,4-Dichlorobenzene	**<1.8**	ug/L	6.0	1.8	1	08/09/17 08:14	08/14/17 22:32	106-46-7	
2,2'-Oxybis(1-chloropropane)	**<1.5**	ug/L	4.8	1.5	1	08/09/17 08:14	08/14/17 22:32	108-60-1	
2,4,5-Trichlorophenol	**<0.80**	ug/L	2.7	0.80	1	08/09/17 08:14	08/14/17 22:32	95-95-4	
2,4,6-Trichlorophenol	**<2.0**	ug/L	6.7	2.0	1	08/09/17 08:14	08/14/17 22:32	88-06-2	
2,4-Dichlorophenol	**<1.3**	ug/L	4.3	1.3	1	08/09/17 08:14	08/14/17 22:32	120-83-2	
2,4-Dimethylphenol	**<1.2**	ug/L	4.0	1.2	1	08/09/17 08:14	08/14/17 22:32	105-67-9	
2,4-Dinitrophenol	**<0.68**	ug/L	2.3	0.68	1	08/09/17 08:14	08/14/17 22:32	51-28-5	
2,4-Dinitrotoluene	**<0.75**	ug/L	2.5	0.75	1	08/09/17 08:14	08/14/17 22:32	121-14-2	
2,6-Dinitrotoluene	**<0.57**	ug/L	1.9	0.57	1	08/09/17 08:14	08/14/17 22:32	606-20-2	
2-Chloronaphthalene	**<1.6**	ug/L	5.2	1.6	1	08/09/17 08:14	08/14/17 22:32	91-58-7	
2-Chlorophenol	**<1.1**	ug/L	3.7	1.1	1	08/09/17 08:14	08/14/17 22:32	95-57-8	
2-Methylnaphthalene	**<1.4**	ug/L	4.8	1.4	1	08/09/17 08:14	08/14/17 22:32	91-57-6	
2-Methylphenol(o-Cresol)	**<0.83**	ug/L	2.8	0.83	1	08/09/17 08:14	08/14/17 22:32	95-48-7	
2-Nitroaniline	**<0.74**	ug/L	2.5	0.74	1	08/09/17 08:14	08/14/17 22:32	88-74-4	
2-Nitrophenol	**<1.1**	ug/L	3.7	1.1	1	08/09/17 08:14	08/14/17 22:32	88-75-5	
3&4-Methylphenol(m&p Cresol)	**<1.5**	ug/L	5.0	1.5	1	08/09/17 08:14	08/14/17 22:32		
3,3'-Dichlorobenzidine	**<0.86**	ug/L	2.9	0.86	1	08/09/17 08:14	08/14/17 22:32	91-94-1	
3-Nitroaniline	**<0.92**	ug/L	3.1	0.92	1	08/09/17 08:14	08/14/17 22:32	99-09-2	
4,6-Dinitro-2-methylphenol	**<0.62**	ug/L	2.1	0.62	1	08/09/17 08:14	08/14/17 22:32	534-52-1	
4-Bromophenylphenyl ether	**<1.9**	ug/L	6.3	1.9	1	08/09/17 08:14	08/14/17 22:32	101-55-3	
4-Chloro-3-methylphenol	**<1.6**	ug/L	5.4	1.6	1	08/09/17 08:14	08/14/17 22:32	59-50-7	
4-Chloroaniline	**<1.0**	ug/L	3.5	1.0	1	08/09/17 08:14	08/14/17 22:32	106-47-8	
4-Chlorophenylphenyl ether	**<0.78**	ug/L	2.6	0.78	1	08/09/17 08:14	08/14/17 22:32	7005-72-3	
4-Nitroaniline	**<1.7**	ug/L	5.8	1.7	1	08/09/17 08:14	08/14/17 22:32	100-01-6	
4-Nitrophenol	**<1.0**	ug/L	3.3	1.0	1	08/09/17 08:14	08/14/17 22:32	100-02-7	
Acenaphthene	**<1.3**	ug/L	4.3	1.3	1	08/09/17 08:14	08/14/17 22:32	83-32-9	
Acenaphthylene	**<1.0**	ug/L	3.4	1.0	1	08/09/17 08:14	08/14/17 22:32	208-96-8	
Anthracene	**<1.7**	ug/L	5.7	1.7	1	08/09/17 08:14	08/14/17 22:32	120-12-7	
Benzo(a)anthracene	**<0.51**	ug/L	1.7	0.51	1	08/09/17 08:14	08/14/17 22:32	56-55-3	
Benzo(a)pyrene	**<1.8**	ug/L	6.0	1.8	1	08/09/17 08:14	08/14/17 22:32	50-32-8	
Benzo(b)fluoranthene	**<0.62**	ug/L	2.1	0.62	1	08/09/17 08:14	08/14/17 22:32	205-99-2	

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ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154484

Sample: SB-50-S (GW) **Lab ID: 40154484004** Collected: 08/02/17 15:00 Received: 08/04/17 10:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510								
Benzo(g,h,i)perylene	**<0.77**	ug/L	2.6	0.77	1	08/09/17 08:14	08/14/17 22:32	191-24-2	
Benzo(k)fluoranthene	**<0.95**	ug/L	3.2	0.95	1	08/09/17 08:14	08/14/17 22:32	207-08-9	
Butylbenzylphthalate	**<0.74**	ug/L	2.5	0.74	1	08/09/17 08:14	08/14/17 22:32	85-68-7	
Carbazole	**<0.71**	ug/L	2.4	0.71	1	08/09/17 08:14	08/14/17 22:32	86-74-8	
Chrysene	**<1.7**	ug/L	5.5	1.7	1	08/09/17 08:14	08/14/17 22:32	218-01-9	
Di-n-butylphthalate	**<2.4**	ug/L	8.1	2.4	1	08/09/17 08:14	08/14/17 22:32	84-74-2	
Di-n-octylphthalate	**<1.8**	ug/L	6.0	1.8	1	08/09/17 08:14	08/14/17 22:32	117-84-0	
Dibenz(a,h)anthracene	**<1.3**	ug/L	4.2	1.3	1	08/09/17 08:14	08/14/17 22:32	53-70-3	
Dibenzofuran	**<0.73**	ug/L	2.4	0.73	1	08/09/17 08:14	08/14/17 22:32	132-64-9	
Diethylphthalate	**<1.0**	ug/L	3.4	1.0	1	08/09/17 08:14	08/14/17 22:32	84-66-2	
Dimethylphthalate	**<1.8**	ug/L	6.1	1.8	1	08/09/17 08:14	08/14/17 22:32	131-11-3	
Fluoranthene	**<0.54**	ug/L	1.8	0.54	1	08/09/17 08:14	08/14/17 22:32	206-44-0	
Fluorene	**<0.71**	ug/L	2.4	0.71	1	08/09/17 08:14	08/14/17 22:32	86-73-7	
Hexachloro-1,3-butadiene	**<2.3**	ug/L	7.8	2.3	1	08/09/17 08:14	08/14/17 22:32	87-68-3	
Hexachlorobenzene	**<1.6**	ug/L	5.4	1.6	1	08/09/17 08:14	08/14/17 22:32	118-74-1	
Hexachlorocyclopentadiene	**<0.65**	ug/L	2.2	0.65	1	08/09/17 08:14	08/14/17 22:32	77-47-4	
Hexachloroethane	**<2.5**	ug/L	8.4	2.5	1	08/09/17 08:14	08/14/17 22:32	67-72-1	
Indeno(1,2,3-cd)pyrene	**<1.4**	ug/L	4.8	1.4	1	08/09/17 08:14	08/14/17 22:32	193-39-5	
Isophorone	**<0.70**	ug/L	2.3	0.70	1	08/09/17 08:14	08/14/17 22:32	78-59-1	
N-Nitroso-di-n-propylamine	**<0.92**	ug/L	3.1	0.92	1	08/09/17 08:14	08/14/17 22:32	621-64-7	
N-Nitrosodiphenylamine	**<3.4**	ug/L	11.2	3.4	1	08/09/17 08:14	08/14/17 22:32	86-30-6	
Naphthalene	**<1.8**	ug/L	6.0	1.8	1	08/09/17 08:14	08/14/17 22:32	91-20-3	
Nitrobenzene	**<1.4**	ug/L	4.6	1.4	1	08/09/17 08:14	08/14/17 22:32	98-95-3	
Pentachlorophenol	**<1.4**	ug/L	4.6	1.4	1	08/09/17 08:14	08/14/17 22:32	87-86-5	
Phenanthrene	**<1.7**	ug/L	5.8	1.7	1	08/09/17 08:14	08/14/17 22:32	85-01-8	
Phenol	**<0.57**	ug/L	1.9	0.57	1	08/09/17 08:14	08/14/17 22:32	108-95-2	
Pyrene	**<1.3**	ug/L	4.3	1.3	1	08/09/17 08:14	08/14/17 22:32	129-00-0	
bis(2-Chloroethoxy)methane	**<0.95**	ug/L	3.2	0.95	1	08/09/17 08:14	08/14/17 22:32	111-91-1	
bis(2-Chloroethyl) ether	**<1.5**	ug/L	5.0	1.5	1	08/09/17 08:14	08/14/17 22:32	111-44-4	
bis(2-Ethylhexyl)phthalate	**<0.66**	ug/L	2.2	0.66	1	08/09/17 08:14	08/14/17 22:32	117-81-7	
Surrogates									
Nitrobenzene-d5 (S)	88	%	53-100		1	08/09/17 08:14	08/14/17 22:32	4165-60-0	
2-Fluorobiphenyl (S)	79	%	59-109		1	08/09/17 08:14	08/14/17 22:32	321-60-8	
Terphenyl-d14 (S)	78	%	59-108		1	08/09/17 08:14	08/14/17 22:32	1718-51-0	
Phenol-d6 (S)	29	%	18-120		1	08/09/17 08:14	08/14/17 22:32	13127-88-3	
2-Fluorophenol (S)	48	%	27-67		1	08/09/17 08:14	08/14/17 22:32	367-12-4	
2,4,6-Tribromophenol (S)	108	%	65-140		1	08/09/17 08:14	08/14/17 22:32	118-79-6	
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 11:44	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		08/08/17 11:44	108-86-1	
Bromochloromethane	**<0.34**	ug/L	1.0	0.34	1		08/08/17 11:44	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		08/08/17 11:44	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		08/08/17 11:44	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		08/08/17 11:44	74-83-9	
n-Butylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 11:44	104-51-8	

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ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154484

Sample: SB-50-S (GW) **Lab ID: 40154484004** Collected: 08/02/17 15:00 Received: 08/04/17 10:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		08/08/17 11:44	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		08/08/17 11:44	98-06-6	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		08/08/17 11:44	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 11:44	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		08/08/17 11:44	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		08/08/17 11:44	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		08/08/17 11:44	74-87-3	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 11:44	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		08/08/17 11:44	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		08/08/17 11:44	96-12-8	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		08/08/17 11:44	124-48-1	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		08/08/17 11:44	106-93-4	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		08/08/17 11:44	74-95-3	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 11:44	95-50-1	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 11:44	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 11:44	106-46-7	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		08/08/17 11:44	75-71-8	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		08/08/17 11:44	75-34-3	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		08/08/17 11:44	107-06-2	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		08/08/17 11:44	75-35-4	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		08/08/17 11:44	156-59-2	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		08/08/17 11:44	156-60-5	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		08/08/17 11:44	78-87-5	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		08/08/17 11:44	142-28-9	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		08/08/17 11:44	594-20-7	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		08/08/17 11:44	563-58-6	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 11:44	10061-01-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		08/08/17 11:44	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		08/08/17 11:44	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 11:44	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		08/08/17 11:44	87-68-3	
Isopropylbenzene (Cumene)	**<0.14**	ug/L	1.0	0.14	1		08/08/17 11:44	98-82-8	
p-Isopropyltoluene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 11:44	99-87-6	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		08/08/17 11:44	75-09-2	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		08/08/17 11:44	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		08/08/17 11:44	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 11:44	103-65-1	
Styrene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 11:44	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		08/08/17 11:44	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.25**	ug/L	1.0	0.25	1		08/08/17 11:44	79-34-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 11:44	127-18-4	
Toluene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 11:44	108-88-3	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		08/08/17 11:44	87-61-6	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		08/08/17 11:44	120-82-1	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		08/08/17 11:44	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		08/08/17 11:44	79-00-5	

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ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154484

Sample: SB-50-S (GW) **Lab ID: 40154484004** Collected: 08/02/17 15:00 Received: 08/04/17 10:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		08/08/17 11:44	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		08/08/17 11:44	75-69-4	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		08/08/17 11:44	96-18-4	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 11:44	95-63-6	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 11:44	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		08/08/17 11:44	75-01-4	
m&p-Xylene	**<1.0**	ug/L	2.0	1.0	1		08/08/17 11:44	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 11:44	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	97	%	61-130		1		08/08/17 11:44	460-00-4	
Dibromofluoromethane (S)	101	%	67-130		1		08/08/17 11:44	1868-53-7	
Toluene-d8 (S)	103	%	70-130		1		08/08/17 11:44	2037-26-5	

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ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154484

Sample: SB-51-S (GW) **Lab ID: 40154484005** Collected: 08/02/17 15:30 Received: 08/04/17 10:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**<8.3**	ug/L	25.0	8.3	1	08/10/17 10:20	08/11/17 09:52	7440-38-2	
Barium	**49.0**	ug/L	5.0	1.5	1	08/10/17 10:20	08/11/17 09:52	7440-39-3	
Cadmium	**<1.3**	ug/L	5.0	1.3	1	08/10/17 10:20	08/11/17 09:52	7440-43-9	
Chromium	**<2.5**	ug/L	10.0	2.5	1	08/10/17 10:20	08/11/17 09:52	7440-47-3	
Lead	**<4.3**	ug/L	13.0	4.3	1	08/10/17 10:20	08/11/17 09:52	7439-92-1	
Selenium	**<16.6**	ug/L	50.0	16.6	1	08/10/17 10:20	08/11/17 09:52	7782-49-2	
Silver	**<3.3**	ug/L	10.0	3.3	1	08/10/17 10:20	08/11/17 09:52	7440-22-4	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**<0.13**	ug/L	0.42	0.13	1	08/14/17 10:55	08/15/17 10:03	7439-97-6	
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510								
1,2,4-Trichlorobenzene	**<1.9**	ug/L	6.5	1.9	1	08/09/17 08:14	08/14/17 22:53	120-82-1	
1,2-Dichlorobenzene	**<1.8**	ug/L	6.1	1.8	1	08/09/17 08:14	08/14/17 22:53	95-50-1	
1,3-Dichlorobenzene	**<1.8**	ug/L	6.0	1.8	1	08/09/17 08:14	08/14/17 22:53	541-73-1	
1,4-Dichlorobenzene	**<1.8**	ug/L	6.0	1.8	1	08/09/17 08:14	08/14/17 22:53	106-46-7	
2,2'-Oxybis(1-chloropropane)	**<1.5**	ug/L	4.8	1.5	1	08/09/17 08:14	08/14/17 22:53	108-60-1	
2,4,5-Trichlorophenol	**<0.80**	ug/L	2.7	0.80	1	08/09/17 08:14	08/14/17 22:53	95-95-4	
2,4,6-Trichlorophenol	**<2.0**	ug/L	6.7	2.0	1	08/09/17 08:14	08/14/17 22:53	88-06-2	
2,4-Dichlorophenol	**<1.3**	ug/L	4.3	1.3	1	08/09/17 08:14	08/14/17 22:53	120-83-2	
2,4-Dimethylphenol	**<1.2**	ug/L	4.0	1.2	1	08/09/17 08:14	08/14/17 22:53	105-67-9	
2,4-Dinitrophenol	**<0.68**	ug/L	2.3	0.68	1	08/09/17 08:14	08/14/17 22:53	51-28-5	
2,4-Dinitrotoluene	**<0.75**	ug/L	2.5	0.75	1	08/09/17 08:14	08/14/17 22:53	121-14-2	
2,6-Dinitrotoluene	**<0.57**	ug/L	1.9	0.57	1	08/09/17 08:14	08/14/17 22:53	606-20-2	
2-Chloronaphthalene	**<1.6**	ug/L	5.2	1.6	1	08/09/17 08:14	08/14/17 22:53	91-58-7	
2-Chlorophenol	**<1.1**	ug/L	3.7	1.1	1	08/09/17 08:14	08/14/17 22:53	95-57-8	
2-Methylnaphthalene	**<1.4**	ug/L	4.8	1.4	1	08/09/17 08:14	08/14/17 22:53	91-57-6	
2-Methylphenol(o-Cresol)	**<0.83**	ug/L	2.8	0.83	1	08/09/17 08:14	08/14/17 22:53	95-48-7	
2-Nitroaniline	**<0.74**	ug/L	2.5	0.74	1	08/09/17 08:14	08/14/17 22:53	88-74-4	
2-Nitrophenol	**<1.1**	ug/L	3.7	1.1	1	08/09/17 08:14	08/14/17 22:53	88-75-5	
3&4-Methylphenol(m&p Cresol)	**<1.5**	ug/L	5.0	1.5	1	08/09/17 08:14	08/14/17 22:53		
3,3'-Dichlorobenzidine	**<0.86**	ug/L	2.9	0.86	1	08/09/17 08:14	08/14/17 22:53	91-94-1	
3-Nitroaniline	**<0.92**	ug/L	3.1	0.92	1	08/09/17 08:14	08/14/17 22:53	99-09-2	
4,6-Dinitro-2-methylphenol	**<0.62**	ug/L	2.1	0.62	1	08/09/17 08:14	08/14/17 22:53	534-52-1	
4-Bromophenylphenyl ether	**<1.9**	ug/L	6.3	1.9	1	08/09/17 08:14	08/14/17 22:53	101-55-3	
4-Chloro-3-methylphenol	**<1.6**	ug/L	5.4	1.6	1	08/09/17 08:14	08/14/17 22:53	59-50-7	
4-Chloroaniline	**<1.0**	ug/L	3.5	1.0	1	08/09/17 08:14	08/14/17 22:53	106-47-8	
4-Chlorophenylphenyl ether	**<0.78**	ug/L	2.6	0.78	1	08/09/17 08:14	08/14/17 22:53	7005-72-3	
4-Nitroaniline	**<1.7**	ug/L	5.8	1.7	1	08/09/17 08:14	08/14/17 22:53	100-01-6	
4-Nitrophenol	**<1.0**	ug/L	3.3	1.0	1	08/09/17 08:14	08/14/17 22:53	100-02-7	
Acenaphthene	**<1.3**	ug/L	4.3	1.3	1	08/09/17 08:14	08/14/17 22:53	83-32-9	
Acenaphthylene	**<1.0**	ug/L	3.4	1.0	1	08/09/17 08:14	08/14/17 22:53	208-96-8	
Anthracene	**<1.7**	ug/L	5.7	1.7	1	08/09/17 08:14	08/14/17 22:53	120-12-7	
Benzo(a)anthracene	**<0.51**	ug/L	1.7	0.51	1	08/09/17 08:14	08/14/17 22:53	56-55-3	
Benzo(a)pyrene	**<1.8**	ug/L	6.0	1.8	1	08/09/17 08:14	08/14/17 22:53	50-32-8	
Benzo(b)fluoranthene	**<0.62**	ug/L	2.1	0.62	1	08/09/17 08:14	08/14/17 22:53	205-99-2	

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ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154484

Sample: SB-51-S (GW) **Lab ID: 40154484005** Collected: 08/02/17 15:30 Received: 08/04/17 10:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510								
Benzo(g,h,i)perylene	**<0.77**	ug/L	2.6	0.77	1	08/09/17 08:14	08/14/17 22:53	191-24-2	
Benzo(k)fluoranthene	**<0.95**	ug/L	3.2	0.95	1	08/09/17 08:14	08/14/17 22:53	207-08-9	
Butylbenzylphthalate	**<0.74**	ug/L	2.5	0.74	1	08/09/17 08:14	08/14/17 22:53	85-68-7	
Carbazole	**<0.71**	ug/L	2.4	0.71	1	08/09/17 08:14	08/14/17 22:53	86-74-8	
Chrysene	**<1.7**	ug/L	5.5	1.7	1	08/09/17 08:14	08/14/17 22:53	218-01-9	
Di-n-butylphthalate	**<2.4**	ug/L	8.1	2.4	1	08/09/17 08:14	08/14/17 22:53	84-74-2	
Di-n-octylphthalate	**<1.8**	ug/L	6.0	1.8	1	08/09/17 08:14	08/14/17 22:53	117-84-0	
Dibenz(a,h)anthracene	**<1.3**	ug/L	4.2	1.3	1	08/09/17 08:14	08/14/17 22:53	53-70-3	
Dibenzofuran	**<0.73**	ug/L	2.4	0.73	1	08/09/17 08:14	08/14/17 22:53	132-64-9	
Diethylphthalate	**<1.0**	ug/L	3.4	1.0	1	08/09/17 08:14	08/14/17 22:53	84-66-2	
Dimethylphthalate	**<1.8**	ug/L	6.1	1.8	1	08/09/17 08:14	08/14/17 22:53	131-11-3	
Fluoranthene	**<0.54**	ug/L	1.8	0.54	1	08/09/17 08:14	08/14/17 22:53	206-44-0	
Fluorene	**<0.71**	ug/L	2.4	0.71	1	08/09/17 08:14	08/14/17 22:53	86-73-7	
Hexachloro-1,3-butadiene	**<2.3**	ug/L	7.8	2.3	1	08/09/17 08:14	08/14/17 22:53	87-68-3	
Hexachlorobenzene	**<1.6**	ug/L	5.4	1.6	1	08/09/17 08:14	08/14/17 22:53	118-74-1	
Hexachlorocyclopentadiene	**<0.65**	ug/L	2.2	0.65	1	08/09/17 08:14	08/14/17 22:53	77-47-4	
Hexachloroethane	**<2.5**	ug/L	8.4	2.5	1	08/09/17 08:14	08/14/17 22:53	67-72-1	
Indeno(1,2,3-cd)pyrene	**<1.4**	ug/L	4.8	1.4	1	08/09/17 08:14	08/14/17 22:53	193-39-5	
Isophorone	**<0.70**	ug/L	2.3	0.70	1	08/09/17 08:14	08/14/17 22:53	78-59-1	
N-Nitroso-di-n-propylamine	**<0.92**	ug/L	3.1	0.92	1	08/09/17 08:14	08/14/17 22:53	621-64-7	
N-Nitrosodiphenylamine	**<3.4**	ug/L	11.2	3.4	1	08/09/17 08:14	08/14/17 22:53	86-30-6	
Naphthalene	**<1.8**	ug/L	6.0	1.8	1	08/09/17 08:14	08/14/17 22:53	91-20-3	
Nitrobenzene	**<1.4**	ug/L	4.6	1.4	1	08/09/17 08:14	08/14/17 22:53	98-95-3	
Pentachlorophenol	**<1.4**	ug/L	4.6	1.4	1	08/09/17 08:14	08/14/17 22:53	87-86-5	
Phenanthrene	**<1.7**	ug/L	5.8	1.7	1	08/09/17 08:14	08/14/17 22:53	85-01-8	
Phenol	**<0.57**	ug/L	1.9	0.57	1	08/09/17 08:14	08/14/17 22:53	108-95-2	
Pyrene	**<1.3**	ug/L	4.3	1.3	1	08/09/17 08:14	08/14/17 22:53	129-00-0	
bis(2-Chloroethoxy)methane	**<0.95**	ug/L	3.2	0.95	1	08/09/17 08:14	08/14/17 22:53	111-91-1	
bis(2-Chloroethyl) ether	**<1.5**	ug/L	5.0	1.5	1	08/09/17 08:14	08/14/17 22:53	111-44-4	
bis(2-Ethylhexyl)phthalate	**<0.66**	ug/L	2.2	0.66	1	08/09/17 08:14	08/14/17 22:53	117-81-7	
Surrogates									
Nitrobenzene-d5 (S)	86	%	53-100		1	08/09/17 08:14	08/14/17 22:53	4165-60-0	
2-Fluorobiphenyl (S)	79	%	59-109		1	08/09/17 08:14	08/14/17 22:53	321-60-8	
Terphenyl-d14 (S)	102	%	59-108		1	08/09/17 08:14	08/14/17 22:53	1718-51-0	
Phenol-d6 (S)	28	%	18-120		1	08/09/17 08:14	08/14/17 22:53	13127-88-3	
2-Fluorophenol (S)	50	%	27-67		1	08/09/17 08:14	08/14/17 22:53	367-12-4	
2,4,6-Tribromophenol (S)	116	%	65-140		1	08/09/17 08:14	08/14/17 22:53	118-79-6	
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 12:53	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		08/08/17 12:53	108-86-1	
Bromochloromethane	**<0.34**	ug/L	1.0	0.34	1		08/08/17 12:53	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		08/08/17 12:53	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		08/08/17 12:53	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		08/08/17 12:53	74-83-9	
n-Butylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 12:53	104-51-8	

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ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154484

Sample: SB-51-S (GW) **Lab ID: 40154484005** Collected: 08/02/17 15:30 Received: 08/04/17 10:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		08/08/17 12:53	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		08/08/17 12:53	98-06-6	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		08/08/17 12:53	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 12:53	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		08/08/17 12:53	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		08/08/17 12:53	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		08/08/17 12:53	74-87-3	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 12:53	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		08/08/17 12:53	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		08/08/17 12:53	96-12-8	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		08/08/17 12:53	124-48-1	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		08/08/17 12:53	106-93-4	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		08/08/17 12:53	74-95-3	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 12:53	95-50-1	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 12:53	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 12:53	106-46-7	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		08/08/17 12:53	75-71-8	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		08/08/17 12:53	75-34-3	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		08/08/17 12:53	107-06-2	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		08/08/17 12:53	75-35-4	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		08/08/17 12:53	156-59-2	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		08/08/17 12:53	156-60-5	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		08/08/17 12:53	78-87-5	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		08/08/17 12:53	142-28-9	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		08/08/17 12:53	594-20-7	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		08/08/17 12:53	563-58-6	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 12:53	10061-01-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		08/08/17 12:53	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		08/08/17 12:53	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 12:53	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		08/08/17 12:53	87-68-3	
Isopropylbenzene (Cumene)	**<0.14**	ug/L	1.0	0.14	1		08/08/17 12:53	98-82-8	
p-Isopropyltoluene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 12:53	99-87-6	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		08/08/17 12:53	75-09-2	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		08/08/17 12:53	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		08/08/17 12:53	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 12:53	103-65-1	
Styrene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 12:53	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		08/08/17 12:53	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.25**	ug/L	1.0	0.25	1		08/08/17 12:53	79-34-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 12:53	127-18-4	
Toluene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 12:53	108-88-3	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		08/08/17 12:53	87-61-6	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		08/08/17 12:53	120-82-1	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		08/08/17 12:53	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		08/08/17 12:53	79-00-5	

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ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154484

Sample: SB-51-S (GW) **Lab ID: 40154484005** Collected: 08/02/17 15:30 Received: 08/04/17 10:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		08/08/17 12:53	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		08/08/17 12:53	75-69-4	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		08/08/17 12:53	96-18-4	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 12:53	95-63-6	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 12:53	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		08/08/17 12:53	75-01-4	
m&p-Xylene	**<1.0**	ug/L	2.0	1.0	1		08/08/17 12:53	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 12:53	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	97	%	61-130		1		08/08/17 12:53	460-00-4	
Dibromofluoromethane (S)	100	%	67-130		1		08/08/17 12:53	1868-53-7	
Toluene-d8 (S)	103	%	70-130		1		08/08/17 12:53	2037-26-5	

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ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154484

Sample: SB-17-S (GW) **Lab ID: 40154484006** Collected: 08/02/17 16:10 Received: 08/04/17 10:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**40.9**	ug/L	25.0	8.3	1	08/10/17 10:20	08/11/17 10:05	7440-38-2	
Barium	**501**	ug/L	5.0	1.5	1	08/10/17 10:20	08/11/17 10:05	7440-39-3	
Cadmium	**<1.3**	ug/L	5.0	1.3	1	08/10/17 10:20	08/11/17 10:05	7440-43-9	
Chromium	**37.6**	ug/L	10.0	2.5	1	08/10/17 10:20	08/11/17 10:05	7440-47-3	
Lead	**25.5**	ug/L	13.0	4.3	1	08/10/17 10:20	08/11/17 10:05	7439-92-1	
Selenium	**<16.6**	ug/L	50.0	16.6	1	08/10/17 10:20	08/11/17 10:05	7782-49-2	
Silver	**<3.3**	ug/L	10.0	3.3	1	08/10/17 10:20	08/11/17 10:05	7440-22-4	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**<0.13**	ug/L	0.42	0.13	1	08/14/17 10:55	08/15/17 10:05	7439-97-6	
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510								
1,2,4-Trichlorobenzene	**<1.9**	ug/L	6.5	1.9	1	08/09/17 08:14	08/14/17 23:14	120-82-1	
1,2-Dichlorobenzene	**<1.8**	ug/L	6.1	1.8	1	08/09/17 08:14	08/14/17 23:14	95-50-1	
1,3-Dichlorobenzene	**<1.8**	ug/L	6.0	1.8	1	08/09/17 08:14	08/14/17 23:14	541-73-1	
1,4-Dichlorobenzene	**<1.8**	ug/L	6.0	1.8	1	08/09/17 08:14	08/14/17 23:14	106-46-7	
2,2'-Oxybis(1-chloropropane)	**<1.5**	ug/L	4.8	1.5	1	08/09/17 08:14	08/14/17 23:14	108-60-1	
2,4,5-Trichlorophenol	**<0.80**	ug/L	2.7	0.80	1	08/09/17 08:14	08/14/17 23:14	95-95-4	
2,4,6-Trichlorophenol	**<2.0**	ug/L	6.7	2.0	1	08/09/17 08:14	08/14/17 23:14	88-06-2	
2,4-Dichlorophenol	**<1.3**	ug/L	4.3	1.3	1	08/09/17 08:14	08/14/17 23:14	120-83-2	
2,4-Dimethylphenol	**<1.2**	ug/L	4.0	1.2	1	08/09/17 08:14	08/14/17 23:14	105-67-9	
2,4-Dinitrophenol	**<0.68**	ug/L	2.3	0.68	1	08/09/17 08:14	08/14/17 23:14	51-28-5	
2,4-Dinitrotoluene	**<0.75**	ug/L	2.5	0.75	1	08/09/17 08:14	08/14/17 23:14	121-14-2	
2,6-Dinitrotoluene	**<0.57**	ug/L	1.9	0.57	1	08/09/17 08:14	08/14/17 23:14	606-20-2	
2-Chloronaphthalene	**<1.6**	ug/L	5.2	1.6	1	08/09/17 08:14	08/14/17 23:14	91-58-7	
2-Chlorophenol	**<1.1**	ug/L	3.7	1.1	1	08/09/17 08:14	08/14/17 23:14	95-57-8	
2-Methylnaphthalene	**<1.4**	ug/L	4.8	1.4	1	08/09/17 08:14	08/14/17 23:14	91-57-6	
2-Methylphenol(o-Cresol)	**<0.83**	ug/L	2.8	0.83	1	08/09/17 08:14	08/14/17 23:14	95-48-7	
2-Nitroaniline	**<0.74**	ug/L	2.5	0.74	1	08/09/17 08:14	08/14/17 23:14	88-74-4	
2-Nitrophenol	**<1.1**	ug/L	3.7	1.1	1	08/09/17 08:14	08/14/17 23:14	88-75-5	
3&4-Methylphenol(m&p Cresol)	**<1.5**	ug/L	5.0	1.5	1	08/09/17 08:14	08/14/17 23:14		
3,3'-Dichlorobenzidine	**<0.86**	ug/L	2.9	0.86	1	08/09/17 08:14	08/14/17 23:14	91-94-1	
3-Nitroaniline	**<0.92**	ug/L	3.1	0.92	1	08/09/17 08:14	08/14/17 23:14	99-09-2	
4,6-Dinitro-2-methylphenol	**<0.62**	ug/L	2.1	0.62	1	08/09/17 08:14	08/14/17 23:14	534-52-1	
4-Bromophenylphenyl ether	**<1.9**	ug/L	6.3	1.9	1	08/09/17 08:14	08/14/17 23:14	101-55-3	
4-Chloro-3-methylphenol	**<1.6**	ug/L	5.4	1.6	1	08/09/17 08:14	08/14/17 23:14	59-50-7	
4-Chloroaniline	**<1.0**	ug/L	3.5	1.0	1	08/09/17 08:14	08/14/17 23:14	106-47-8	
4-Chlorophenylphenyl ether	**<0.78**	ug/L	2.6	0.78	1	08/09/17 08:14	08/14/17 23:14	7005-72-3	
4-Nitroaniline	**<1.7**	ug/L	5.8	1.7	1	08/09/17 08:14	08/14/17 23:14	100-01-6	
4-Nitrophenol	**<1.0**	ug/L	3.3	1.0	1	08/09/17 08:14	08/14/17 23:14	100-02-7	
Acenaphthene	**<1.3**	ug/L	4.3	1.3	1	08/09/17 08:14	08/14/17 23:14	83-32-9	
Acenaphthylene	**<1.0**	ug/L	3.4	1.0	1	08/09/17 08:14	08/14/17 23:14	208-96-8	
Anthracene	**<1.7**	ug/L	5.7	1.7	1	08/09/17 08:14	08/14/17 23:14	120-12-7	
Benzo(a)anthracene	**<0.51**	ug/L	1.7	0.51	1	08/09/17 08:14	08/14/17 23:14	56-55-3	
Benzo(a)pyrene	**<1.8**	ug/L	6.0	1.8	1	08/09/17 08:14	08/14/17 23:14	50-32-8	
Benzo(b)fluoranthene	**<0.62**	ug/L	2.1	0.62	1	08/09/17 08:14	08/14/17 23:14	205-99-2	

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ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154484

Sample: SB-17-S (GW) **Lab ID: 40154484006** Collected: 08/02/17 16:10 Received: 08/04/17 10:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510								
Benzo(g,h,i)perylene	**<0.77**	ug/L	2.6	0.77	1	08/09/17 08:14	08/14/17 23:14	191-24-2	
Benzo(k)fluoranthene	**<0.95**	ug/L	3.2	0.95	1	08/09/17 08:14	08/14/17 23:14	207-08-9	
Butylbenzylphthalate	**<0.74**	ug/L	2.5	0.74	1	08/09/17 08:14	08/14/17 23:14	85-68-7	
Carbazole	**<0.71**	ug/L	2.4	0.71	1	08/09/17 08:14	08/14/17 23:14	86-74-8	
Chrysene	**<1.7**	ug/L	5.5	1.7	1	08/09/17 08:14	08/14/17 23:14	218-01-9	
Di-n-butylphthalate	**<2.4**	ug/L	8.1	2.4	1	08/09/17 08:14	08/14/17 23:14	84-74-2	
Di-n-octylphthalate	**<1.8**	ug/L	6.0	1.8	1	08/09/17 08:14	08/14/17 23:14	117-84-0	
Dibenz(a,h)anthracene	**<1.3**	ug/L	4.2	1.3	1	08/09/17 08:14	08/14/17 23:14	53-70-3	
Dibenzofuran	**<0.73**	ug/L	2.4	0.73	1	08/09/17 08:14	08/14/17 23:14	132-64-9	
Diethylphthalate	**<1.0**	ug/L	3.4	1.0	1	08/09/17 08:14	08/14/17 23:14	84-66-2	
Dimethylphthalate	**<1.8**	ug/L	6.1	1.8	1	08/09/17 08:14	08/14/17 23:14	131-11-3	
Fluoranthene	**<0.54**	ug/L	1.8	0.54	1	08/09/17 08:14	08/14/17 23:14	206-44-0	
Fluorene	**<0.71**	ug/L	2.4	0.71	1	08/09/17 08:14	08/14/17 23:14	86-73-7	
Hexachloro-1,3-butadiene	**<2.3**	ug/L	7.8	2.3	1	08/09/17 08:14	08/14/17 23:14	87-68-3	
Hexachlorobenzene	**<1.6**	ug/L	5.4	1.6	1	08/09/17 08:14	08/14/17 23:14	118-74-1	
Hexachlorocyclopentadiene	**<0.65**	ug/L	2.2	0.65	1	08/09/17 08:14	08/14/17 23:14	77-47-4	
Hexachloroethane	**<2.5**	ug/L	8.4	2.5	1	08/09/17 08:14	08/14/17 23:14	67-72-1	
Indeno(1,2,3-cd)pyrene	**<1.4**	ug/L	4.8	1.4	1	08/09/17 08:14	08/14/17 23:14	193-39-5	
Isophorone	**<0.70**	ug/L	2.3	0.70	1	08/09/17 08:14	08/14/17 23:14	78-59-1	
N-Nitroso-di-n-propylamine	**<0.92**	ug/L	3.1	0.92	1	08/09/17 08:14	08/14/17 23:14	621-64-7	
N-Nitrosodiphenylamine	**<3.4**	ug/L	11.2	3.4	1	08/09/17 08:14	08/14/17 23:14	86-30-6	
Naphthalene	**<1.8**	ug/L	6.0	1.8	1	08/09/17 08:14	08/14/17 23:14	91-20-3	
Nitrobenzene	**<1.4**	ug/L	4.6	1.4	1	08/09/17 08:14	08/14/17 23:14	98-95-3	
Pentachlorophenol	**<1.4**	ug/L	4.6	1.4	1	08/09/17 08:14	08/14/17 23:14	87-86-5	
Phenanthrene	**<1.7**	ug/L	5.8	1.7	1	08/09/17 08:14	08/14/17 23:14	85-01-8	
Phenol	**<0.57**	ug/L	1.9	0.57	1	08/09/17 08:14	08/14/17 23:14	108-95-2	
Pyrene	**<1.3**	ug/L	4.3	1.3	1	08/09/17 08:14	08/14/17 23:14	129-00-0	
bis(2-Chloroethoxy)methane	**<0.95**	ug/L	3.2	0.95	1	08/09/17 08:14	08/14/17 23:14	111-91-1	
bis(2-Chloroethyl) ether	**<1.5**	ug/L	5.0	1.5	1	08/09/17 08:14	08/14/17 23:14	111-44-4	
bis(2-Ethylhexyl)phthalate	**<0.66**	ug/L	2.2	0.66	1	08/09/17 08:14	08/14/17 23:14	117-81-7	
Surrogates									
Nitrobenzene-d5 (S)	80	%	53-100		1	08/09/17 08:14	08/14/17 23:14	4165-60-0	
2-Fluorobiphenyl (S)	75	%	59-109		1	08/09/17 08:14	08/14/17 23:14	321-60-8	
Terphenyl-d14 (S)	80	%	59-108		1	08/09/17 08:14	08/14/17 23:14	1718-51-0	
Phenol-d6 (S)	31	%	18-120		1	08/09/17 08:14	08/14/17 23:14	13127-88-3	
2-Fluorophenol (S)	47	%	27-67		1	08/09/17 08:14	08/14/17 23:14	367-12-4	
2,4,6-Tribromophenol (S)	104	%	65-140		1	08/09/17 08:14	08/14/17 23:14	118-79-6	
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<0.50**	ug/L	1.0	0.50	1		08/09/17 08:55	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		08/09/17 08:55	108-86-1	
Bromochloromethane	**<0.34**	ug/L	1.0	0.34	1		08/09/17 08:55	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		08/09/17 08:55	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		08/09/17 08:55	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		08/09/17 08:55	74-83-9	
n-Butylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/09/17 08:55	104-51-8	

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ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154484

Sample: SB-17-S (GW) **Lab ID: 40154484006** Collected: 08/02/17 16:10 Received: 08/04/17 10:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		08/09/17 08:55	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		08/09/17 08:55	98-06-6	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		08/09/17 08:55	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/09/17 08:55	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		08/09/17 08:55	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		08/09/17 08:55	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		08/09/17 08:55	74-87-3	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		08/09/17 08:55	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		08/09/17 08:55	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		08/09/17 08:55	96-12-8	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		08/09/17 08:55	124-48-1	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		08/09/17 08:55	106-93-4	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		08/09/17 08:55	74-95-3	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/09/17 08:55	95-50-1	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/09/17 08:55	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/09/17 08:55	106-46-7	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		08/09/17 08:55	75-71-8	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		08/09/17 08:55	75-34-3	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		08/09/17 08:55	107-06-2	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		08/09/17 08:55	75-35-4	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		08/09/17 08:55	156-59-2	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		08/09/17 08:55	156-60-5	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		08/09/17 08:55	78-87-5	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		08/09/17 08:55	142-28-9	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		08/09/17 08:55	594-20-7	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		08/09/17 08:55	563-58-6	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		08/09/17 08:55	10061-01-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		08/09/17 08:55	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		08/09/17 08:55	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/09/17 08:55	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		08/09/17 08:55	87-68-3	
Isopropylbenzene (Cumene)	**<0.14**	ug/L	1.0	0.14	1		08/09/17 08:55	98-82-8	
p-Isopropyltoluene	**<0.50**	ug/L	1.0	0.50	1		08/09/17 08:55	99-87-6	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		08/09/17 08:55	75-09-2	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		08/09/17 08:55	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		08/09/17 08:55	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/09/17 08:55	103-65-1	
Styrene	**<0.50**	ug/L	1.0	0.50	1		08/09/17 08:55	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		08/09/17 08:55	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.25**	ug/L	1.0	0.25	1		08/09/17 08:55	79-34-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		08/09/17 08:55	127-18-4	
Toluene	**<0.50**	ug/L	1.0	0.50	1		08/09/17 08:55	108-88-3	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		08/09/17 08:55	87-61-6	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		08/09/17 08:55	120-82-1	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		08/09/17 08:55	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		08/09/17 08:55	79-00-5	

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ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154484

Sample: SB-17-S (GW) **Lab ID: 40154484006** Collected: 08/02/17 16:10 Received: 08/04/17 10:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		08/09/17 08:55	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		08/09/17 08:55	75-69-4	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		08/09/17 08:55	96-18-4	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/09/17 08:55	95-63-6	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/09/17 08:55	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		08/09/17 08:55	75-01-4	
m&p-Xylene	**<1.0**	ug/L	2.0	1.0	1		08/09/17 08:55	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		08/09/17 08:55	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	97	%	61-130		1		08/09/17 08:55	460-00-4	
Dibromofluoromethane (S)	101	%	67-130		1		08/09/17 08:55	1868-53-7	
Toluene-d8 (S)	102	%	70-130		1		08/09/17 08:55	2037-26-5	

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ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154484

Sample: TRIP BLANK **Lab ID: 40154484007** Collected: 08/02/17 00:00 Received: 08/04/17 10:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 15:56	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		08/08/17 15:56	108-86-1	
Bromochloromethane	**<0.34**	ug/L	1.0	0.34	1		08/08/17 15:56	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		08/08/17 15:56	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		08/08/17 15:56	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		08/08/17 15:56	74-83-9	
n-Butylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 15:56	104-51-8	
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		08/08/17 15:56	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		08/08/17 15:56	98-06-6	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		08/08/17 15:56	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 15:56	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		08/08/17 15:56	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		08/08/17 15:56	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		08/08/17 15:56	74-87-3	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 15:56	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		08/08/17 15:56	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		08/08/17 15:56	96-12-8	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		08/08/17 15:56	124-48-1	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		08/08/17 15:56	106-93-4	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		08/08/17 15:56	74-95-3	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 15:56	95-50-1	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 15:56	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 15:56	106-46-7	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		08/08/17 15:56	75-71-8	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		08/08/17 15:56	75-34-3	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		08/08/17 15:56	107-06-2	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		08/08/17 15:56	75-35-4	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		08/08/17 15:56	156-59-2	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		08/08/17 15:56	156-60-5	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		08/08/17 15:56	78-87-5	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		08/08/17 15:56	142-28-9	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		08/08/17 15:56	594-20-7	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		08/08/17 15:56	563-58-6	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 15:56	10061-01-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		08/08/17 15:56	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		08/08/17 15:56	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 15:56	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		08/08/17 15:56	87-68-3	
Isopropylbenzene (Cumene)	**<0.14**	ug/L	1.0	0.14	1		08/08/17 15:56	98-82-8	
p-Isopropyltoluene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 15:56	99-87-6	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		08/08/17 15:56	75-09-2	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		08/08/17 15:56	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		08/08/17 15:56	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 15:56	103-65-1	
Styrene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 15:56	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		08/08/17 15:56	630-20-6	

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ANALYTICAL RESULTS

Project: 0403363 KRAFT
Pace Project No.: 40154484

Sample: TRIP BLANK **Lab ID: 40154484007** Collected: 08/02/17 00:00 Received: 08/04/17 10:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,2,2-Tetrachloroethane	**<0.25**	ug/L	1.0	0.25	1		08/08/17 15:56	79-34-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 15:56	127-18-4	
Toluene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 15:56	108-88-3	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		08/08/17 15:56	87-61-6	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		08/08/17 15:56	120-82-1	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		08/08/17 15:56	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		08/08/17 15:56	79-00-5	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		08/08/17 15:56	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		08/08/17 15:56	75-69-4	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		08/08/17 15:56	96-18-4	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 15:56	95-63-6	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 15:56	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		08/08/17 15:56	75-01-4	
m&p-Xylene	**<1.0**	ug/L	2.0	1.0	1		08/08/17 15:56	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		08/08/17 15:56	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	96	%	61-130		1		08/08/17 15:56	460-00-4	
Dibromofluoromethane (S)	102	%	67-130		1		08/08/17 15:56	1868-53-7	
Toluene-d8 (S)	103	%	70-130		1		08/08/17 15:56	2037-26-5	

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QUALITY CONTROL DATA

Project: 0403363 KRAFT
Pace Project No.: 40154484

QC Batch: 264468 | Analysis Method: EPA 7470
QC Batch Method: EPA 7470 | Analysis Description: 7470 Mercury
Associated Lab Samples: 40154484003, 40154484004, 40154484005, 40154484006

METHOD BLANK: 1556442 | Matrix: Water
Associated Lab Samples: 40154484003, 40154484004, 40154484005, 40154484006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	<0.13	0.42	08/15/17 09:07	

LABORATORY CONTROL SAMPLE: 1556443

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	5	5.0	101	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1556444 1556445

Parameter	Units	40154446001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	ug/L	<0.13	5	5	5.4	5.8	108	116	85-115	7	20	M0

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QUALITY CONTROL DATA

Project: 0403363 KRAFT
Pace Project No.: 40154484

QC Batch: 264417 | Analysis Method: EPA 7471
QC Batch Method: EPA 7471 | Analysis Description: 7471 Mercury
Associated Lab Samples: 40154484001, 40154484002

METHOD BLANK: 1556308 | Matrix: Solid
Associated Lab Samples: 40154484001, 40154484002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	mg/kg	<0.011	0.037	08/15/17 12:20	

LABORATORY CONTROL SAMPLE: 1556309

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/kg	.83	0.73	87	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1556310 1556311

Parameter	Units	40154392007 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	mg/kg	<0.012	.9	.9	0.72	0.68	80	75	85-115	5	20	M0

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QUALITY CONTROL DATA

Project: 0403363 KRAFT
Pace Project No.: 40154484

QC Batch: 264216
QC Batch Method: EPA 3050
Analysis Method: EPA 6010
Analysis Description: 6010 MET
Associated Lab Samples: 40154484001, 40154484002

METHOD BLANK: 1554789
Matrix: Solid
Associated Lab Samples: 40154484001, 40154484002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/kg	<1.0	5.0	08/14/17 15:11	
Barium	mg/kg	<0.15	0.50	08/14/17 15:11	
Cadmium	mg/kg	<0.13	0.50	08/14/17 15:11	
Chromium	mg/kg	<0.28	1.0	08/14/17 15:11	
Lead	mg/kg	<0.43	1.3	08/14/17 15:11	
Selenium	mg/kg	<1.1	5.0	08/14/17 15:11	
Silver	mg/kg	<0.34	1.0	08/14/17 15:11	

LABORATORY CONTROL SAMPLE: 1554790

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/kg	50	47.6	95	80-120	
Barium	mg/kg	50	50.4	101	80-120	
Cadmium	mg/kg	50	49.5	99	80-120	
Chromium	mg/kg	50	50.4	101	80-120	
Lead	mg/kg	50	49.4	99	80-120	
Selenium	mg/kg	50	49.7	99	80-120	
Silver	mg/kg	25	24.7	99	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1554791 1554792

Parameter	Units	40154484001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Arsenic	mg/kg	2.5J	53.1	53.3	59.7	52.9	108	95	75-125	12	20	
Barium	mg/kg	9.6	53.1	53.3	64.1	64.5	103	103	75-125	1	20	
Cadmium	mg/kg	<0.14	53.1	53.3	53.5	53.2	101	100	75-125	1	20	
Chromium	mg/kg	3.9	53.1	53.3	55.4	55.5	97	97	75-125	0	20	
Lead	mg/kg	10.3	53.1	53.3	59.0	52.2	92	79	75-125	12	20	
Selenium	mg/kg	<1.2	53.1	53.3	52.4	52.6	99	99	75-125	0	20	
Silver	mg/kg	<0.37	26.6	26.7	26.6	26.7	100	99	75-125	0	20	

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QUALITY CONTROL DATA

Project: 0403363 KRAFT
Pace Project No.: 40154484

QC Batch: 264158 | Analysis Method: EPA 6010
QC Batch Method: EPA 3010 | Analysis Description: 6010 MET
Associated Lab Samples: 40154484003, 40154484004, 40154484005, 40154484006

METHOD BLANK: 1554397 | Matrix: Water
Associated Lab Samples: 40154484003, 40154484004, 40154484005, 40154484006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	ug/L	<8.3	25.0	08/11/17 09:47	
Barium	ug/L	<1.5	5.0	08/11/17 09:47	
Cadmium	ug/L	<1.3	5.0	08/11/17 09:47	
Chromium	ug/L	<2.5	10.0	08/11/17 09:47	
Lead	ug/L	<4.3	13.0	08/11/17 09:47	
Selenium	ug/L	<16.6	50.0	08/11/17 09:47	
Silver	ug/L	<3.3	10.0	08/11/17 09:47	

LABORATORY CONTROL SAMPLE: 1554398

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	ug/L	500	490	98	80-120	
Barium	ug/L	500	512	102	80-120	
Cadmium	ug/L	500	507	101	80-120	
Chromium	ug/L	500	500	100	80-120	
Lead	ug/L	500	508	102	80-120	
Selenium	ug/L	500	518	104	80-120	
Silver	ug/L	250	258	103	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1554399 1554400

Parameter	Units	40154484005 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Arsenic	ug/L	<8.3	500	500	511	524	101	104	75-125	3	20	
Barium	ug/L	49.0	500	500	562	572	103	105	75-125	2	20	
Cadmium	ug/L	<1.3	500	500	520	532	104	106	75-125	2	20	
Chromium	ug/L	<2.5	500	500	485	498	97	99	75-125	3	20	
Lead	ug/L	<4.3	500	500	489	506	97	101	75-125	3	20	
Selenium	ug/L	<16.6	500	500	538	544	108	109	75-125	1	20	
Silver	ug/L	<3.3	250	250	267	272	107	109	75-125	2	20	

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QUALITY CONTROL DATA

Project: 0403363 KRAFT
Pace Project No.: 40154484

QC Batch: 263759
QC Batch Method: EPA 5035/5030B
Analysis Method: EPA 8260
Analysis Description: 8260 MSV Med Level Normal List
Associated Lab Samples: 40154484001, 40154484002

METHOD BLANK: 1552406
Matrix: Solid
Associated Lab Samples: 40154484001, 40154484002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	<13.7	50.0	08/07/17 18:39	
1,1,1-Trichloroethane	ug/kg	<14.4	50.0	08/07/17 18:39	
1,1,2,2-Tetrachloroethane	ug/kg	<17.5	50.0	08/07/17 18:39	
1,1,2-Trichloroethane	ug/kg	<20.2	50.0	08/07/17 18:39	
1,1-Dichloroethane	ug/kg	<17.6	50.0	08/07/17 18:39	
1,1-Dichloroethene	ug/kg	<17.6	50.0	08/07/17 18:39	
1,1-Dichloropropene	ug/kg	<14.0	50.0	08/07/17 18:39	
1,2,3-Trichlorobenzene	ug/kg	<17.0	50.0	08/07/17 18:39	
1,2,3-Trichloropropane	ug/kg	<22.3	50.0	08/07/17 18:39	
1,2,4-Trichlorobenzene	ug/kg	<47.6	250	08/07/17 18:39	
1,2,4-Trimethylbenzene	ug/kg	<12.2	50.0	08/07/17 18:39	
1,2-Dibromo-3-chloropropane	ug/kg	<91.2	250	08/07/17 18:39	
1,2-Dibromoethane (EDB)	ug/kg	<14.7	50.0	08/07/17 18:39	
1,2-Dichlorobenzene	ug/kg	<16.2	50.0	08/07/17 18:39	
1,2-Dichloroethane	ug/kg	<15.0	50.0	08/07/17 18:39	
1,2-Dichloropropane	ug/kg	<16.8	50.0	08/07/17 18:39	
1,3,5-Trimethylbenzene	ug/kg	<14.5	50.0	08/07/17 18:39	
1,3-Dichlorobenzene	ug/kg	<13.2	50.0	08/07/17 18:39	
1,3-Dichloropropane	ug/kg	<12.0	50.0	08/07/17 18:39	
1,4-Dichlorobenzene	ug/kg	<15.9	50.0	08/07/17 18:39	
2,2-Dichloropropane	ug/kg	<12.6	50.0	08/07/17 18:39	
2-Chlorotoluene	ug/kg	<15.8	50.0	08/07/17 18:39	
4-Chlorotoluene	ug/kg	<13.0	50.0	08/07/17 18:39	
Benzene	ug/kg	<9.2	20.0	08/07/17 18:39	
Bromobenzene	ug/kg	<20.6	50.0	08/07/17 18:39	
Bromochloromethane	ug/kg	<21.4	50.0	08/07/17 18:39	
Bromodichloromethane	ug/kg	<9.8	50.0	08/07/17 18:39	
Bromoform	ug/kg	<19.8	50.0	08/07/17 18:39	
Bromomethane	ug/kg	<69.9	250	08/07/17 18:39	
Carbon tetrachloride	ug/kg	<12.1	50.0	08/07/17 18:39	
Chlorobenzene	ug/kg	<14.8	50.0	08/07/17 18:39	
Chloroethane	ug/kg	<67.0	250	08/07/17 18:39	
Chloroform	ug/kg	<46.4	250	08/07/17 18:39	
Chloromethane	ug/kg	<20.4	50.0	08/07/17 18:39	
cis-1,2-Dichloroethene	ug/kg	<16.6	50.0	08/07/17 18:39	
cis-1,3-Dichloropropene	ug/kg	<16.6	50.0	08/07/17 18:39	
Dibromochloromethane	ug/kg	<17.9	50.0	08/07/17 18:39	
Dibromomethane	ug/kg	<19.3	50.0	08/07/17 18:39	
Dichlorodifluoromethane	ug/kg	<12.3	50.0	08/07/17 18:39	
Diisopropyl ether	ug/kg	<17.7	50.0	08/07/17 18:39	
Ethylbenzene	ug/kg	<12.4	50.0	08/07/17 18:39	

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QUALITY CONTROL DATA

Project: 0403363 KRAFT
Pace Project No.: 40154484

METHOD BLANK: 1552406 Matrix: Solid
Associated Lab Samples: 40154484001, 40154484002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Hexachloro-1,3-butadiene	ug/kg	<24.5	50.0	08/07/17 18:39	
Isopropylbenzene (Cumene)	ug/kg	<12.6	50.0	08/07/17 18:39	
m&p-Xylene	ug/kg	<34.4	100	08/07/17 18:39	
Methyl-tert-butyl ether	ug/kg	<12.7	50.0	08/07/17 18:39	
Methylene Chloride	ug/kg	17.9J	50.0	08/07/17 18:39	
n-Butylbenzene	ug/kg	<10.5	50.0	08/07/17 18:39	
n-Propylbenzene	ug/kg	<11.6	50.0	08/07/17 18:39	
Naphthalene	ug/kg	<40.0	250	08/07/17 18:39	
o-Xylene	ug/kg	<14.0	50.0	08/07/17 18:39	
p-Isopropyltoluene	ug/kg	<12.0	50.0	08/07/17 18:39	
sec-Butylbenzene	ug/kg	<11.9	50.0	08/07/17 18:39	
Styrene	ug/kg	<9.0	50.0	08/07/17 18:39	
tert-Butylbenzene	ug/kg	<9.5	50.0	08/07/17 18:39	
Tetrachloroethene	ug/kg	<12.9	50.0	08/07/17 18:39	
Toluene	ug/kg	<11.2	50.0	08/07/17 18:39	
trans-1,2-Dichloroethene	ug/kg	<16.5	50.0	08/07/17 18:39	
trans-1,3-Dichloropropene	ug/kg	<14.4	50.0	08/07/17 18:39	
Trichloroethene	ug/kg	<23.6	50.0	08/07/17 18:39	
Trichlorofluoromethane	ug/kg	<24.7	50.0	08/07/17 18:39	
Vinyl chloride	ug/kg	<21.1	50.0	08/07/17 18:39	
4-Bromofluorobenzene (S)	%	96	58-141	08/07/17 18:39	
Dibromofluoromethane (S)	%	111	68-130	08/07/17 18:39	
Toluene-d8 (S)	%	113	68-149	08/07/17 18:39	

LABORATORY CONTROL SAMPLE: 1552407

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/kg	2500	2330	93	61-122	
1,1,2,2-Tetrachloroethane	ug/kg	2500	2660	106	73-130	
1,1,2-Trichloroethane	ug/kg	2500	2700	108	70-130	
1,1-Dichloroethane	ug/kg	2500	2580	103	63-124	
1,1-Dichloroethene	ug/kg	2500	2440	98	53-117	
1,2,4-Trichlorobenzene	ug/kg	2500	2280	91	78-130	
1,2-Dibromo-3-chloropropane	ug/kg	2500	2270	91	49-140	
1,2-Dibromoethane (EDB)	ug/kg	2500	2600	104	70-130	
1,2-Dichlorobenzene	ug/kg	2500	2550	102	70-130	
1,2-Dichloroethane	ug/kg	2500	2360	95	56-135	
1,2-Dichloropropane	ug/kg	2500	2630	105	77-122	
1,3-Dichlorobenzene	ug/kg	2500	2500	100	70-130	
1,4-Dichlorobenzene	ug/kg	2500	2510	101	70-130	
Benzene	ug/kg	2500	2600	104	66-130	
Bromodichloromethane	ug/kg	2500	2300	92	62-135	
Bromoform	ug/kg	2500	2690	107	68-130	
Bromomethane	ug/kg	2500	2330	93	29-137	

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QUALITY CONTROL DATA

Project: 0403363 KRAFT
Pace Project No.: 40154484

LABORATORY CONTROL SAMPLE: 1552407

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Carbon tetrachloride	ug/kg	2500	2270	91	57-130	
Chlorobenzene	ug/kg	2500	2650	106	70-130	
Chloroethane	ug/kg	2500	2640	106	36-144	
Chloroform	ug/kg	2500	2410	96	69-115	
Chloromethane	ug/kg	2500	2120	85	32-126	
cis-1,2-Dichloroethene	ug/kg	2500	2620	105	65-130	
cis-1,3-Dichloropropene	ug/kg	2500	2310	92	70-130	
Dibromochloromethane	ug/kg	2500	2660	106	70-130	
Dichlorodifluoromethane	ug/kg	2500	1550	62	10-99	
Ethylbenzene	ug/kg	2500	2540	102	82-122	
Isopropylbenzene (Cumene)	ug/kg	2500	2540	102	70-130	
m&p-Xylene	ug/kg	5000	5330	107	70-130	
Methyl-tert-butyl ether	ug/kg	2500	2640	106	63-134	
Methylene Chloride	ug/kg	2500	2450	98	56-123	
o-Xylene	ug/kg	2500	2640	105	70-130	
Styrene	ug/kg	2500	2690	108	70-130	
Tetrachloroethene	ug/kg	2500	2620	105	70-131	
Toluene	ug/kg	2500	2760	110	80-120	
trans-1,2-Dichloroethene	ug/kg	2500	2620	105	66-130	
trans-1,3-Dichloropropene	ug/kg	2500	2450	98	68-130	
Trichloroethene	ug/kg	2500	2490	100	70-130	
Trichlorofluoromethane	ug/kg	2500	2500	100	37-149	
Vinyl chloride	ug/kg	2500	2520	101	43-128	
4-Bromofluorobenzene (S)	%			101	58-141	
Dibromofluoromethane (S)	%			110	68-130	
Toluene-d8 (S)	%			111	68-149	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1552408 1552409

Parameter	Units	40154392007 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1-Trichloroethane	ug/kg	<25.0	1360	1360	1180	1240	87	91	57-123	5	20	
1,1,2,2-Tetrachloroethane	ug/kg	<25.0	1360	1360	1460	1490	107	109	73-135	2	20	
1,1,2-Trichloroethane	ug/kg	<25.0	1360	1360	1540	1500	113	111	70-130	3	20	
1,1-Dichloroethane	ug/kg	<25.0	1360	1360	1340	1310	98	96	63-124	2	20	
1,1-Dichloroethene	ug/kg	<25.0	1360	1360	1110	1140	82	84	48-117	3	23	
1,2,4-Trichlorobenzene	ug/kg	<47.6	1360	1360	1380	1370	102	101	78-145	1	20	
1,2-Dibromo-3-chloropropane	ug/kg	<91.2	1360	1360	1150	1230	85	91	38-168	7	22	
1,2-Dibromoethane (EDB)	ug/kg	<25.0	1360	1360	1470	1400	108	103	70-130	5	20	
1,2-Dichlorobenzene	ug/kg	<25.0	1360	1360	1470	1410	108	104	70-130	4	20	
1,2-Dichloroethane	ug/kg	<25.0	1360	1360	1280	1250	94	92	56-145	3	20	
1,2-Dichloropropane	ug/kg	<25.0	1360	1360	1450	1450	107	107	77-123	0	20	
1,3-Dichlorobenzene	ug/kg	<25.0	1360	1360	1390	1380	102	102	70-130	0	20	
1,4-Dichlorobenzene	ug/kg	<25.0	1360	1360	1440	1390	106	102	70-130	3	20	

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QUALITY CONTROL DATA

Project: 0403363 KRAFT
Pace Project No.: 40154484

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1552408 1552409

Parameter	Units	40154392007 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Benzene	ug/kg	<25.0	1360	1360	1360	1370	100	101	65-130	1	20	
Bromodichloromethane	ug/kg	<25.0	1360	1360	1260	1240	93	91	59-141	2	20	
Bromoform	ug/kg	<25.0	1360	1360	1490	1430	109	105	59-141	4	20	
Bromomethane	ug/kg	<69.9	1360	1360	981	977	72	72	28-139	0	20	
Carbon tetrachloride	ug/kg	<25.0	1360	1360	1110	1120	82	82	50-130	1	20	
Chlorobenzene	ug/kg	<25.0	1360	1360	1450	1440	106	106	70-130	0	20	
Chloroethane	ug/kg	<67.0	1360	1360	1070	1130	78	83	36-144	6	20	
Chloroform	ug/kg	<46.4	1360	1360	1290	1300	95	96	68-122	1	20	
Chloromethane	ug/kg	<25.0	1360	1360	660	685	49	50	30-126	4	20	
cis-1,2-Dichloroethene	ug/kg	<25.0	1360	1360	1390	1410	102	104	63-130	1	20	
cis-1,3-Dichloropropene	ug/kg	<25.0	1360	1360	1250	1220	92	90	70-130	2	20	
Dibromochloromethane	ug/kg	<25.0	1360	1360	1440	1400	106	103	66-136	3	20	
Dichlorodifluoromethane	ug/kg	<25.0	1360	1360	333	350	25	26	10-99	5	33	
Ethylbenzene	ug/kg	<25.0	1360	1360	1360	1350	100	99	80-122	1	20	
Isopropylbenzene (Cumene)	ug/kg	<25.0	1360	1360	1320	1310	97	97	70-130	1	20	
m&p-Xylene	ug/kg	<50.0	2720	2720	2790	2860	103	105	70-130	2	20	
Methyl-tert-butyl ether	ug/kg	<25.0	1360	1360	1380	1420	102	104	63-134	2	20	
Methylene Chloride	ug/kg	<25.0	1360	1360	1300	1310	94	95	56-127	1	20	
o-Xylene	ug/kg	<25.0	1360	1360	1450	1390	107	103	70-130	4	20	
Styrene	ug/kg	<25.0	1360	1360	1480	1420	109	104	70-130	4	20	
Tetrachloroethene	ug/kg	<25.0	1360	1360	1370	1390	101	103	70-131	1	20	
Toluene	ug/kg	<25.0	1360	1360	1510	1450	111	106	80-120	4	20	
trans-1,2-Dichloroethene	ug/kg	<25.0	1360	1360	1310	1320	96	97	60-130	1	20	
trans-1,3-Dichloropropene	ug/kg	<25.0	1360	1360	1300	1210	96	89	68-130	8	20	
Trichloroethene	ug/kg	<25.0	1360	1360	1270	1260	93	92	70-130	1	20	
Trichlorofluoromethane	ug/kg	<25.0	1360	1360	996	1000	73	74	37-149	1	24	
Vinyl chloride	ug/kg	<25.0	1360	1360	834	863	61	63	39-128	3	20	
4-Bromofluorobenzene (S)	%						115	110	58-141			
Dibromofluoromethane (S)	%						124	121	68-130			
Toluene-d8 (S)	%						127	122	68-149			

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QUALITY CONTROL DATA

Project: 0403363 KRAFT
Pace Project No.: 40154484

QC Batch: 263681 | Analysis Method: EPA 8260
QC Batch Method: EPA 8260 | Analysis Description: 8260 MSV
Associated Lab Samples: 40154484003, 40154484004, 40154484005, 40154484006, 40154484007

METHOD BLANK: 1552141 | Matrix: Water
Associated Lab Samples: 40154484003, 40154484004, 40154484005, 40154484006, 40154484007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.18	1.0	08/08/17 07:09	
1,1,1-Trichloroethane	ug/L	<0.50	1.0	08/08/17 07:09	
1,1,2,2-Tetrachloroethane	ug/L	<0.25	1.0	08/08/17 07:09	
1,1,2-Trichloroethane	ug/L	<0.20	1.0	08/08/17 07:09	
1,1-Dichloroethane	ug/L	<0.24	1.0	08/08/17 07:09	
1,1-Dichloroethene	ug/L	<0.41	1.0	08/08/17 07:09	
1,1-Dichloropropene	ug/L	<0.44	1.0	08/08/17 07:09	
1,2,3-Trichlorobenzene	ug/L	<2.1	5.0	08/08/17 07:09	
1,2,3-Trichloropropane	ug/L	<0.50	1.0	08/08/17 07:09	
1,2,4-Trichlorobenzene	ug/L	<2.2	5.0	08/08/17 07:09	
1,2,4-Trimethylbenzene	ug/L	<0.50	1.0	08/08/17 07:09	
1,2-Dibromo-3-chloropropane	ug/L	<2.2	5.0	08/08/17 07:09	
1,2-Dibromoethane (EDB)	ug/L	<0.18	1.0	08/08/17 07:09	
1,2-Dichlorobenzene	ug/L	<0.50	1.0	08/08/17 07:09	
1,2-Dichloroethane	ug/L	<0.17	1.0	08/08/17 07:09	
1,2-Dichloropropane	ug/L	<0.23	1.0	08/08/17 07:09	
1,3,5-Trimethylbenzene	ug/L	<0.50	1.0	08/08/17 07:09	
1,3-Dichlorobenzene	ug/L	<0.50	1.0	08/08/17 07:09	
1,3-Dichloropropane	ug/L	<0.50	1.0	08/08/17 07:09	
1,4-Dichlorobenzene	ug/L	<0.50	1.0	08/08/17 07:09	
2,2-Dichloropropane	ug/L	<0.48	1.0	08/08/17 07:09	
2-Chlorotoluene	ug/L	<0.50	1.0	08/08/17 07:09	
4-Chlorotoluene	ug/L	<0.21	1.0	08/08/17 07:09	
Benzene	ug/L	<0.50	1.0	08/08/17 07:09	
Bromobenzene	ug/L	<0.23	1.0	08/08/17 07:09	
Bromochloromethane	ug/L	<0.34	1.0	08/08/17 07:09	
Bromodichloromethane	ug/L	<0.50	1.0	08/08/17 07:09	
Bromoform	ug/L	<0.50	1.0	08/08/17 07:09	
Bromomethane	ug/L	<2.4	5.0	08/08/17 07:09	
Carbon tetrachloride	ug/L	<0.50	1.0	08/08/17 07:09	
Chlorobenzene	ug/L	<0.50	1.0	08/08/17 07:09	
Chloroethane	ug/L	<0.37	1.0	08/08/17 07:09	
Chloroform	ug/L	<2.5	5.0	08/08/17 07:09	
Chloromethane	ug/L	<0.50	1.0	08/08/17 07:09	
cis-1,2-Dichloroethene	ug/L	<0.26	1.0	08/08/17 07:09	
cis-1,3-Dichloropropene	ug/L	<0.50	1.0	08/08/17 07:09	
Dibromochloromethane	ug/L	<0.50	1.0	08/08/17 07:09	
Dibromomethane	ug/L	<0.43	1.0	08/08/17 07:09	
Dichlorodifluoromethane	ug/L	<0.22	1.0	08/08/17 07:09	
Diisopropyl ether	ug/L	<0.50	1.0	08/08/17 07:09	
Ethylbenzene	ug/L	<0.50	1.0	08/08/17 07:09	

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QUALITY CONTROL DATA

Project: 0403363 KRAFT
Pace Project No.: 40154484

METHOD BLANK: 1552141 Matrix: Water
Associated Lab Samples: 40154484003, 40154484004, 40154484005, 40154484006, 40154484007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Hexachloro-1,3-butadiene	ug/L	<2.1	5.0	08/08/17 07:09	
Isopropylbenzene (Cumene)	ug/L	<0.14	1.0	08/08/17 07:09	
m&p-Xylene	ug/L	<1.0	2.0	08/08/17 07:09	
Methyl-tert-butyl ether	ug/L	<0.17	1.0	08/08/17 07:09	
Methylene Chloride	ug/L	0.34J	1.0	08/08/17 07:09	
n-Butylbenzene	ug/L	<0.50	1.0	08/08/17 07:09	
n-Propylbenzene	ug/L	<0.50	1.0	08/08/17 07:09	
Naphthalene	ug/L	<2.5	5.0	08/08/17 07:09	
o-Xylene	ug/L	<0.50	1.0	08/08/17 07:09	
p-Isopropyltoluene	ug/L	<0.50	1.0	08/08/17 07:09	
sec-Butylbenzene	ug/L	<2.2	5.0	08/08/17 07:09	
Styrene	ug/L	<0.50	1.0	08/08/17 07:09	
tert-Butylbenzene	ug/L	<0.18	1.0	08/08/17 07:09	
Tetrachloroethene	ug/L	<0.50	1.0	08/08/17 07:09	
Toluene	ug/L	<0.50	1.0	08/08/17 07:09	
trans-1,2-Dichloroethene	ug/L	<0.26	1.0	08/08/17 07:09	
trans-1,3-Dichloropropene	ug/L	<0.23	1.0	08/08/17 07:09	
Trichloroethene	ug/L	<0.33	1.0	08/08/17 07:09	
Trichlorofluoromethane	ug/L	<0.18	1.0	08/08/17 07:09	
Vinyl chloride	ug/L	<0.18	1.0	08/08/17 07:09	
4-Bromofluorobenzene (S)	%	97	61-130	08/08/17 07:09	
Dibromofluoromethane (S)	%	102	67-130	08/08/17 07:09	
Toluene-d8 (S)	%	103	70-130	08/08/17 07:09	

LABORATORY CONTROL SAMPLE: 1552142

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	48.2	96	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	50.8	102	70-130	
1,1,2-Trichloroethane	ug/L	50	52.8	106	70-130	
1,1-Dichloroethane	ug/L	50	46.5	93	71-132	
1,1-Dichloroethene	ug/L	50	41.4	83	75-130	
1,2,4-Trichlorobenzene	ug/L	50	48.4	97	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	47.9	96	63-123	
1,2-Dibromoethane (EDB)	ug/L	50	50.7	101	70-130	
1,2-Dichlorobenzene	ug/L	50	51.4	103	70-130	
1,2-Dichloroethane	ug/L	50	49.9	100	70-131	
1,2-Dichloropropane	ug/L	50	50.1	100	80-120	
1,3-Dichlorobenzene	ug/L	50	51.6	103	70-130	
1,4-Dichlorobenzene	ug/L	50	52.1	104	70-130	
Benzene	ug/L	50	48.1	96	73-145	
Bromodichloromethane	ug/L	50	50.2	100	70-130	
Bromoform	ug/L	50	50.4	101	67-130	
Bromomethane	ug/L	50	38.0	76	26-128	

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QUALITY CONTROL DATA

Project: 0403363 KRAFT
Pace Project No.: 40154484

LABORATORY CONTROL SAMPLE: 1552142

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Carbon tetrachloride	ug/L	50	48.6	97	70-133	
Chlorobenzene	ug/L	50	53.1	106	70-130	
Chloroethane	ug/L	50	41.7	83	58-120	
Chloroform	ug/L	50	49.8	100	80-121	
Chloromethane	ug/L	50	29.9	60	40-127	
cis-1,2-Dichloroethene	ug/L	50	47.1	94	70-130	
cis-1,3-Dichloropropene	ug/L	50	47.4	95	70-130	
Dibromochloromethane	ug/L	50	51.0	102	70-130	
Dichlorodifluoromethane	ug/L	50	29.6	59	20-135	
Ethylbenzene	ug/L	50	51.4	103	87-129	
Isopropylbenzene (Cumene)	ug/L	50	52.0	104	70-130	
m&p-Xylene	ug/L	100	103	103	70-130	
Methyl-tert-butyl ether	ug/L	50	46.5	93	66-143	
Methylene Chloride	ug/L	50	45.3	91	70-130	
o-Xylene	ug/L	50	51.6	103	70-130	
Styrene	ug/L	50	51.8	104	70-130	
Tetrachloroethene	ug/L	50	52.3	105	70-130	
Toluene	ug/L	50	51.8	104	82-130	
trans-1,2-Dichloroethene	ug/L	50	45.8	92	75-132	
trans-1,3-Dichloropropene	ug/L	50	47.2	94	70-130	
Trichloroethene	ug/L	50	51.3	103	70-130	
Trichlorofluoromethane	ug/L	50	46.4	93	76-133	
Vinyl chloride	ug/L	50	36.0	72	57-136	
4-Bromofluorobenzene (S)	%			98	61-130	
Dibromofluoromethane (S)	%			101	67-130	
Toluene-d8 (S)	%			103	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1552579 1552580

Parameter	Units	40154484005 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1-Trichloroethane	ug/L	<0.50	50	50	46.8	48.5	94	97	70-134	4	20	
1,1,2,2-Tetrachloroethane	ug/L	<0.25	50	50	50.8	54.1	102	108	70-130	6	20	
1,1,2-Trichloroethane	ug/L	<0.20	50	50	51.7	53.7	103	107	70-130	4	20	
1,1-Dichloroethane	ug/L	<0.24	50	50	45.3	46.7	91	93	71-133	3	20	
1,1-Dichloroethene	ug/L	<0.41	50	50	39.6	41.5	79	83	75-136	5	20	
1,2,4-Trichlorobenzene	ug/L	<2.2	50	50	49.5	51.8	99	104	70-130	5	20	
1,2-Dibromo-3-chloropropane	ug/L	<2.2	50	50	48.9	51.6	98	103	63-123	5	20	
1,2-Dibromoethane (EDB)	ug/L	<0.18	50	50	50.9	52.8	102	106	70-130	4	20	
1,2-Dichlorobenzene	ug/L	<0.50	50	50	51.5	53.2	103	106	70-130	3	20	
1,2-Dichloroethane	ug/L	<0.17	50	50	48.8	50.3	98	101	70-131	3	20	
1,2-Dichloropropane	ug/L	<0.23	50	50	48.5	50.4	97	101	80-120	4	20	
1,3-Dichlorobenzene	ug/L	<0.50	50	50	51.9	53.7	104	107	70-130	3	20	
1,4-Dichlorobenzene	ug/L	<0.50	50	50	52.0	54.1	104	108	70-130	4	20	

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QUALITY CONTROL DATA

Project: 0403363 KRAFT
Pace Project No.: 40154484

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1552579 1552580

Parameter	Units	40154484005 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Benzene	ug/L	<0.50	50	50	46.8	48.3	94	97	73-145	3	20	
Bromodichloromethane	ug/L	<0.50	50	50	48.7	50.6	97	101	70-130	4	20	
Bromoform	ug/L	<0.50	50	50	50.7	52.6	101	105	67-130	4	20	
Bromomethane	ug/L	<2.4	50	50	39.7	43.1	79	86	26-129	8	20	
Carbon tetrachloride	ug/L	<0.50	50	50	46.5	49.0	93	98	70-134	5	20	
Chlorobenzene	ug/L	<0.50	50	50	52.4	54.0	105	108	70-130	3	20	
Chloroethane	ug/L	<0.37	50	50	39.4	40.7	79	81	58-120	3	20	
Chloroform	ug/L	<2.5	50	50	48.3	50.0	97	100	80-121	3	20	
Chloromethane	ug/L	<0.50	50	50	28.0	28.9	56	58	40-128	3	20	
cis-1,2-Dichloroethene	ug/L	<0.26	50	50	45.5	47.6	91	95	70-130	5	20	
cis-1,3-Dichloropropene	ug/L	<0.50	50	50	47.5	49.0	95	98	70-130	3	20	
Dibromochloromethane	ug/L	<0.50	50	50	50.5	52.6	101	105	70-130	4	20	
Dichlorodifluoromethane	ug/L	<0.22	50	50	25.5	27.1	51	54	20-146	6	20	
Ethylbenzene	ug/L	<0.50	50	50	50.6	52.2	101	104	87-129	3	20	
Isopropylbenzene (Cumene)	ug/L	<0.14	50	50	51.5	53.1	103	106	70-130	3	20	
m&p-Xylene	ug/L	<1.0	100	100	102	105	102	105	70-130	3	20	
Methyl-tert-butyl ether	ug/L	<0.17	50	50	45.7	47.5	91	95	66-143	4	20	
Methylene Chloride	ug/L	<0.23	50	50	43.5	44.7	87	89	70-130	3	20	
o-Xylene	ug/L	<0.50	50	50	50.6	52.6	101	105	70-130	4	20	
Styrene	ug/L	<0.50	50	50	51.4	52.8	103	106	70-130	3	20	
Tetrachloroethene	ug/L	<0.50	50	50	52.4	54.3	104	108	70-130	4	20	
Toluene	ug/L	<0.50	50	50	51.6	52.7	103	105	82-131	2	20	
trans-1,2-Dichloroethene	ug/L	<0.26	50	50	43.8	45.9	88	92	75-135	5	20	
trans-1,3-Dichloropropene	ug/L	<0.23	50	50	48.6	50.4	97	101	70-130	4	20	
Trichloroethene	ug/L	<0.33	50	50	49.6	51.3	99	103	70-130	3	20	
Trichlorofluoromethane	ug/L	<0.18	50	50	43.6	46.2	87	92	76-150	6	20	
Vinyl chloride	ug/L	<0.18	50	50	33.1	34.6	66	69	56-143	4	20	
4-Bromofluorobenzene (S)	%						98	99	61-130			
Dibromofluoromethane (S)	%						101	101	67-130			
Toluene-d8 (S)	%						104	103	70-130			

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QUALITY CONTROL DATA

Project: 0403363 KRAFT
Pace Project No.: 40154484

QC Batch: 263888 | Analysis Method: EPA 8082
QC Batch Method: EPA 3541 | Analysis Description: 8082 GCS PCB
Associated Lab Samples: 40154484001, 40154484002

METHOD BLANK: 1553041 | Matrix: Solid
Associated Lab Samples: 40154484001, 40154484002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	<25.0	50.0	08/10/17 11:08	
PCB-1221 (Aroclor 1221)	ug/kg	<25.0	50.0	08/10/17 11:08	
PCB-1232 (Aroclor 1232)	ug/kg	<25.0	50.0	08/10/17 11:08	
PCB-1242 (Aroclor 1242)	ug/kg	<25.0	50.0	08/10/17 11:08	
PCB-1248 (Aroclor 1248)	ug/kg	<25.0	50.0	08/10/17 11:08	
PCB-1254 (Aroclor 1254)	ug/kg	<25.0	50.0	08/10/17 11:08	
PCB-1260 (Aroclor 1260)	ug/kg	<25.0	50.0	08/10/17 11:08	
Decachlorobiphenyl (S)	%	82	53-105	08/10/17 11:08	
Tetrachloro-m-xylene (S)	%	77	50-102	08/10/17 11:08	

LABORATORY CONTROL SAMPLE: 1553042

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg		<25.0			
PCB-1221 (Aroclor 1221)	ug/kg		<25.0			
PCB-1232 (Aroclor 1232)	ug/kg		<25.0			
PCB-1242 (Aroclor 1242)	ug/kg		<25.0			
PCB-1248 (Aroclor 1248)	ug/kg		<25.0			
PCB-1254 (Aroclor 1254)	ug/kg		<25.0			
PCB-1260 (Aroclor 1260)	ug/kg	500	356	71	59-106	
Decachlorobiphenyl (S)	%			79	53-105	
Tetrachloro-m-xylene (S)	%			75	50-102	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1553043 1553044

Parameter	Units	40154484001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
PCB-1016 (Aroclor 1016)	ug/kg	<26.7			<26.7	<26.7					20	
PCB-1221 (Aroclor 1221)	ug/kg	<26.7			<26.7	<26.7					20	
PCB-1232 (Aroclor 1232)	ug/kg	<26.7			<26.7	<26.7					20	
PCB-1242 (Aroclor 1242)	ug/kg	<26.7			<26.7	<26.7					20	
PCB-1248 (Aroclor 1248)	ug/kg	<26.7			<26.7	<26.7					20	
PCB-1254 (Aroclor 1254)	ug/kg	<26.7			<26.7	<26.7					20	
PCB-1260 (Aroclor 1260)	ug/kg	<26.7	534	534	406	415	76	78	51-109	2	20	
Decachlorobiphenyl (S)	%						82	83	53-105			
Tetrachloro-m-xylene (S)	%						77	77	50-102			

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 0403363 KRAFT
Pace Project No.: 40154484

QC Batch: 264438
QC Batch Method: EPA 3546
Analysis Method: EPA 8270
Analysis Description: 8270 Solid MSSV Microwave
Associated Lab Samples: 40154484001, 40154484002

METHOD BLANK: 1556347
Matrix: Solid
Associated Lab Samples: 40154484001, 40154484002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trichlorobenzene	ug/kg	<18.9	62.9	08/14/17 15:04	
1,2-Dichlorobenzene	ug/kg	<52.5	175	08/14/17 15:04	
1,3-Dichlorobenzene	ug/kg	<23.1	77.1	08/14/17 15:04	
1,4-Dichlorobenzene	ug/kg	<23.3	77.5	08/14/17 15:04	
2,2'-Oxybis(1-chloropropane)	ug/kg	<43.1	144	08/14/17 15:04	
2,4,5-Trichlorophenol	ug/kg	<29.5	98.3	08/14/17 15:04	
2,4,6-Trichlorophenol	ug/kg	<25.5	84.9	08/14/17 15:04	
2,4-Dichlorophenol	ug/kg	<44.6	149	08/14/17 15:04	
2,4-Dimethylphenol	ug/kg	<33.0	110	08/14/17 15:04	
2,4-Dinitrophenol	ug/kg	<50.9	170	08/14/17 15:04	
2,4-Dinitrotoluene	ug/kg	<23.9	79.6	08/14/17 15:04	
2,6-Dinitrotoluene	ug/kg	<31.7	106	08/14/17 15:04	
2-Chloronaphthalene	ug/kg	<21.4	71.5	08/14/17 15:04	
2-Chlorophenol	ug/kg	<41.7	139	08/14/17 15:04	
2-Methylnaphthalene	ug/kg	<43.4	145	08/14/17 15:04	
2-Methylphenol(o-Cresol)	ug/kg	<30.3	101	08/14/17 15:04	
2-Nitroaniline	ug/kg	<47.6	159	08/14/17 15:04	
2-Nitrophenol	ug/kg	<52.7	176	08/14/17 15:04	
3&4-Methylphenol(m&p Cresol)	ug/kg	<30.6	102	08/14/17 15:04	
3,3'-Dichlorobenzidine	ug/kg	<45.3	151	08/14/17 15:04	
3-Nitroaniline	ug/kg	<28.4	94.7	08/14/17 15:04	
4,6-Dinitro-2-methylphenol	ug/kg	<51.5	172	08/14/17 15:04	
4-Bromophenylphenyl ether	ug/kg	<35.0	117	08/14/17 15:04	
4-Chloro-3-methylphenol	ug/kg	<52.0	173	08/14/17 15:04	
4-Chloroaniline	ug/kg	<27.4	91.5	08/14/17 15:04	
4-Chlorophenylphenyl ether	ug/kg	<31.1	104	08/14/17 15:04	
4-Nitroaniline	ug/kg	<69.3	231	08/14/17 15:04	
4-Nitrophenol	ug/kg	<42.0	140	08/14/17 15:04	
Acenaphthene	ug/kg	<59.2	197	08/14/17 15:04	
Acenaphthylene	ug/kg	<59.6	199	08/14/17 15:04	
Anthracene	ug/kg	<26.7	88.9	08/14/17 15:04	
Benzo(a)anthracene	ug/kg	<25.9	86.2	08/14/17 15:04	
Benzo(a)pyrene	ug/kg	<25.1	83.7	08/14/17 15:04	
Benzo(b)fluoranthene	ug/kg	<28.7	95.6	08/14/17 15:04	
Benzo(g,h,i)perylene	ug/kg	<43.7	146	08/14/17 15:04	
Benzo(k)fluoranthene	ug/kg	<40.0	133	08/14/17 15:04	
bis(2-Chloroethoxy)methane	ug/kg	<45.0	150	08/14/17 15:04	
bis(2-Chloroethyl) ether	ug/kg	<52.1	174	08/14/17 15:04	
bis(2-Ethylhexyl)phthalate	ug/kg	<27.8	92.6	08/14/17 15:04	
Butylbenzylphthalate	ug/kg	<26.8	89.2	08/14/17 15:04	
Carbazole	ug/kg	<26.1	87.1	08/14/17 15:04	

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QUALITY CONTROL DATA

Project: 0403363 KRAFT
Pace Project No.: 40154484

METHOD BLANK: 1556347 Matrix: Solid
Associated Lab Samples: 40154484001, 40154484002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chrysene	ug/kg	<25.0	83.2	08/14/17 15:04	
Di-n-butylphthalate	ug/kg	<25.0	83.2	08/14/17 15:04	
Di-n-octylphthalate	ug/kg	<37.5	125	08/14/17 15:04	
Dibenz(a,h)anthracene	ug/kg	<45.4	151	08/14/17 15:04	
Dibenzofuran	ug/kg	<20.2	67.4	08/14/17 15:04	
Diethylphthalate	ug/kg	<27.7	92.3	08/14/17 15:04	
Dimethylphthalate	ug/kg	<21.7	72.4	08/14/17 15:04	
Fluoranthene	ug/kg	<23.6	78.8	08/14/17 15:04	
Fluorene	ug/kg	<19.5	65.1	08/14/17 15:04	
Hexachloro-1,3-butadiene	ug/kg	<42.5	142	08/14/17 15:04	
Hexachlorobenzene	ug/kg	<28.1	93.6	08/14/17 15:04	
Hexachlorocyclopentadiene	ug/kg	<39.5	132	08/14/17 15:04	
Hexachloroethane	ug/kg	<26.7	89.1	08/14/17 15:04	
Indeno(1,2,3-cd)pyrene	ug/kg	<36.1	120	08/14/17 15:04	
Isophorone	ug/kg	<25.7	85.6	08/14/17 15:04	
N-Nitroso-di-n-propylamine	ug/kg	<26.5	88.3	08/14/17 15:04	
N-Nitrosodiphenylamine	ug/kg	<227	755	08/14/17 15:04	
Naphthalene	ug/kg	<58.4	195	08/14/17 15:04	
Nitrobenzene	ug/kg	<33.9	113	08/14/17 15:04	
Pentachlorophenol	ug/kg	<36.8	123	08/14/17 15:04	
Phenanthrene	ug/kg	<21.4	71.4	08/14/17 15:04	
Phenol	ug/kg	<39.6	132	08/14/17 15:04	
Pyrene	ug/kg	<37.0	123	08/14/17 15:04	
2,4,6-Tribromophenol (S)	%	104	13-143	08/14/17 15:04	
2-Fluorobiphenyl (S)	%	86	18-127	08/14/17 15:04	
2-Fluorophenol (S)	%	83	16-103	08/14/17 15:04	
Nitrobenzene-d5 (S)	%	87	13-114	08/14/17 15:04	
Phenol-d6 (S)	%	79	30-97	08/14/17 15:04	
Terphenyl-d14 (S)	%	102	41-109	08/14/17 15:04	

LABORATORY CONTROL SAMPLE: 1556348

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	ug/kg	1670	1560	94	65-130	
1,2-Dichlorobenzene	ug/kg	1670	1410	85	53-130	
1,3-Dichlorobenzene	ug/kg	1670	1410	84	51-99	
1,4-Dichlorobenzene	ug/kg	1670	1410	85	52-101	
2,2'-Oxybis(1-chloropropane)	ug/kg	1670	1500	90	54-105	
2,4,5-Trichlorophenol	ug/kg	1670	1600	96	60-119	
2,4,6-Trichlorophenol	ug/kg	1670	1580	95	64-115	
2,4-Dichlorophenol	ug/kg	1670	1610	97	66-99	
2,4-Dimethylphenol	ug/kg	1670	1590	96	70-121	
2,4-Dinitrophenol	ug/kg	1670	1300	78	23-72	L1
2,4-Dinitrotoluene	ug/kg	1670	1750	105	58-131	

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QUALITY CONTROL DATA

Project: 0403363 KRAFT
Pace Project No.: 40154484

LABORATORY CONTROL SAMPLE: 1556348

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2,6-Dinitrotoluene	ug/kg	1670	1750	105	60-125	
2-Chloronaphthalene	ug/kg	1670	1570	95	64-111	
2-Chlorophenol	ug/kg	1670	1460	88	57-130	
2-Methylnaphthalene	ug/kg	1670	1630	98	67-130	
2-Methylphenol(o-Cresol)	ug/kg	1670	1490	90	64-106	
2-Nitroaniline	ug/kg	1670	1650	99	60-124	
2-Nitrophenol	ug/kg	1670	1530	92	63-107	
3&4-Methylphenol(m&p Cresol)	ug/kg	1670	1480	89	62-106	
3,3'-Dichlorobenzidine	ug/kg	1670	1260	76	39-100	
3-Nitroaniline	ug/kg	1670	1520	91	53-119	
4,6-Dinitro-2-methylphenol	ug/kg	1670	1570	94	49-115	
4-Bromophenylphenyl ether	ug/kg	1670	1720	103	70-130	
4-Chloro-3-methylphenol	ug/kg	1670	1690	101	68-101	
4-Chloroaniline	ug/kg	1670	1350	81	62-126	
4-Chlorophenylphenyl ether	ug/kg	1670	1690	101	67-116	
4-Nitroaniline	ug/kg	1670	1580	95	48-130	
4-Nitrophenol	ug/kg	1670	1820	109	38-118	
Acenaphthene	ug/kg	1670	1620	97	65-116	
Acenaphthylene	ug/kg	1670	1610	97	63-119	
Anthracene	ug/kg	1670	1850	111	70-122	
Benzo(a)anthracene	ug/kg	1670	1570	94	68-111	
Benzo(a)pyrene	ug/kg	1670	1630	98	69-106	
Benzo(b)fluoranthene	ug/kg	1670	1610	97	62-104	
Benzo(g,h,i)perylene	ug/kg	1670	1690	102	55-114	
Benzo(k)fluoranthene	ug/kg	1670	1650	99	64-104	
bis(2-Chloroethoxy)methane	ug/kg	1670	1630	98	70-130	
bis(2-Chloroethyl) ether	ug/kg	1670	1430	86	55-130	
bis(2-Ethylhexyl)phthalate	ug/kg	1670	1750	105	56-117	
Butylbenzylphthalate	ug/kg	1670	1810	109	57-118	
Carbazole	ug/kg	1670	1850	111	70-125	
Chrysene	ug/kg	1670	1300	78	49-121	
Di-n-butylphthalate	ug/kg	1670	1930	116	68-113	L1
Di-n-octylphthalate	ug/kg	1670	1650	99	48-123	
Dibenz(a,h)anthracene	ug/kg	1670	982	59	10-124	
Dibenzofuran	ug/kg	1670	1580	95	67-118	
Diethylphthalate	ug/kg	1670	1880	113	68-117	
Dimethylphthalate	ug/kg	1670	1890	114	68-115	
Fluoranthene	ug/kg	1670	1780	107	72-117	
Fluorene	ug/kg	1670	1690	102	64-123	
Hexachloro-1,3-butadiene	ug/kg	1670	1710	103	62-106	
Hexachlorobenzene	ug/kg	1670	1710	103	70-130	
Hexachlorocyclopentadiene	ug/kg	1670	1230	74	41-114	
Hexachloroethane	ug/kg	1670	1470	88	51-96	
Indeno(1,2,3-cd)pyrene	ug/kg	1670	1510	90	47-116	
Isophorone	ug/kg	1670	1580	95	67-130	
N-Nitroso-di-n-propylamine	ug/kg	1670	1470	88	61-130	
N-Nitrosodiphenylamine	ug/kg	1670	1490	89	73-115	

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(920)469-2436

QUALITY CONTROL DATA

Project: 0403363 KRAFT
Pace Project No.: 40154484

LABORATORY CONTROL SAMPLE: 1556348

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Naphthalene	ug/kg	1670	1570	94	65-130	
Nitrobenzene	ug/kg	1670	1490	89	64-130	
Pentachlorophenol	ug/kg	1670	1660	100	50-111	
Phenanthrene	ug/kg	1670	1700	102	70-111	
Phenol	ug/kg	1670	1360	82	56-103	
Pyrene	ug/kg	1670	1710	103	69-118	
2,4,6-Tribromophenol (S)	%			110	13-143	
2-Fluorobiphenyl (S)	%			94	18-127	
2-Fluorophenol (S)	%			81	16-103	
Nitrobenzene-d5 (S)	%			92	13-114	
Phenol-d6 (S)	%			85	30-97	
Terphenyl-d14 (S)	%			101	41-109	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1556349 1556350

Parameter	Units	40154392009 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,2,4-Trichlorobenzene	ug/kg	<44.8	1990	1990	1640	1540	83	78	51-130	6	28	
1,2-Dichlorobenzene	ug/kg	<125	1990	1990	1630	1480	82	75	43-130	10	34	
1,3-Dichlorobenzene	ug/kg	<54.9	1990	1990	1580	1430	79	72	39-99	9	34	
1,4-Dichlorobenzene	ug/kg	<55.2	1990	1990	1650	1440	83	73	39-101	14	34	
2,2'-Oxybis(1-chloropropane)	ug/kg	<102	1990	1990	1820	1660	92	83	39-105	10	28	
2,4,5-Trichlorophenol	ug/kg	<70.0	1990	1990	741	862	37	43	34-119	15	39	
2,4,6-Trichlorophenol	ug/kg	<60.4	1990	1990	448	595	23	30	41-117	28	33	M1
2,4-Dichlorophenol	ug/kg	<106	1990	1990	1080	1260	55	64	48-99	15	23	
2,4-Dimethylphenol	ug/kg	<78.4	1990	1990	1580	1460	79	74	47-121	8	35	
2,4-Dinitrophenol	ug/kg	<121	1990	1990	<121	<121	0	0	10-72		50	M0
2,4-Dinitrotoluene	ug/kg	<56.7	1990	1990	1630	1450	82	73	34-131	12	28	
2,6-Dinitrotoluene	ug/kg	<75.3	1990	1990	1660	1630	84	82	37-127	2	23	
2-Chloronaphthalene	ug/kg	<50.9	1990	1990	1660	1600	84	81	51-111	4	20	
2-Chlorophenol	ug/kg	<99.0	1990	1990	1300	1320	65	66	45-130	2	30	
2-Methylnaphthalene	ug/kg	131J	1990	1990	1940	1780	91	83	47-130	8	37	
2-Methylphenol(o-Cresol)	ug/kg	<72.0	1990	1990	1490	1350	75	68	46-106	10	32	
2-Nitroaniline	ug/kg	<113	1990	1990	1740	1580	88	80	36-126	10	33	
2-Nitrophenol	ug/kg	<125	1990	1990	845	1060	43	53	29-114	22	33	
3&4-Methylphenol(m&p Cresol)	ug/kg	<72.7	1990	1990	1430	1270	72	64	42-106	12	33	
3,3'-Dichlorobenzidine	ug/kg	<108	1990	1990	1660	1590	84	80	10-120	4	50	
3-Nitroaniline	ug/kg	<67.4	1990	1990	1450	1390	73	70	22-125	4	39	
4,6-Dinitro-2-methylphenol	ug/kg	<122	1990	1990	<122	<122	0	0	10-115		50	M1
4-Bromophenylphenyl ether	ug/kg	<83.0	1990	1990	1660	1550	84	78	52-130	7	22	
4-Chloro-3-methylphenol	ug/kg	<123	1990	1990	1530	1550	77	78	52-101	1	31	
4-Chloroaniline	ug/kg	<65.2	1990	1990	1380	1320	69	66	26-126	4	41	
4-Chlorophenylphenyl ether	ug/kg	<73.8	1990	1990	1780	1770	90	89	54-116	1	22	
4-Nitroaniline	ug/kg	<165	1990	1990	1290	1300	65	65	15-130	0	50	

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QUALITY CONTROL DATA

Project: 0403363 KRAFT
Pace Project No.: 40154484

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1556349 1556350

Parameter	Units	40154392009 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
4-Nitrophenol	ug/kg	<99.8	1990	1990	<100	<100	0	0	10-118		47	M1
Acenaphthene	ug/kg	<141	1990	1990	1800	1740	86	83	46-120	3	31	
Acenaphthylene	ug/kg	<141	1990	1990	1810	1700	87	82	50-119	6	30	
Anthracene	ug/kg	391	1990	1990	2290	2150	96	89	40-122	7	38	
Benzo(a)anthracene	ug/kg	1010	1990	1990	2510	2290	76	64	43-111	9	41	
Benzo(a)pyrene	ug/kg	892	1990	1990	2330	2160	73	64	46-106	7	43	
Benzo(b)fluoranthene	ug/kg	1150	1990	1990	2400	2270	63	57	39-104	6	47	
Benzo(g,h,i)perylene	ug/kg	563	1990	1990	1960	1830	70	64	39-114	7	37	
Benzo(k)fluoranthene	ug/kg	440	1990	1990	2080	1930	83	75	44-104	8	38	
bis(2-Chloroethoxy)methane	ug/kg	<107	1990	1990	1670	1590	84	80	49-130	5	20	
bis(2-Chloroethyl) ether	ug/kg	<124	1990	1990	1600	1440	81	73	40-130	10	33	
bis(2-Ethylhexyl)phthalate	ug/kg	<65.9	1990	1990	1870	1870	94	94	42-117	0	23	
Butylbenzylphthalate	ug/kg	<63.6	1990	1990	1960	1970	99	99	44-118	1	24	
Carbazole	ug/kg	106J	1990	1990	2090	1890	100	90	35-125	10	38	
Chrysene	ug/kg	1090	1990	1990	2210	1970	56	45	24-129	11	46	
Di-n-butylphthalate	ug/kg	<59.3	1990	1990	2110	2020	106	102	51-113	4	20	
Di-n-octylphthalate	ug/kg	<89.1	1990	1990	2060	1940	104	98	32-125	6	32	
Dibenz(a,h)anthracene	ug/kg	140J	1990	1990	1370	1280	62	58	10-124	7	33	
Dibenzofuran	ug/kg	88.6J	1990	1990	1790	1690	86	81	48-118	6	27	
Diethylphthalate	ug/kg	<65.7	1990	1990	2010	1940	101	98	54-117	4	32	
Dimethylphthalate	ug/kg	<51.6	1990	1990	1930	1870	97	94	53-115	3	35	
Fluoranthene	ug/kg	2240	1990	1990	3640	3100	71	43	41-117	16	41	
Fluorene	ug/kg	131J	1990	1990	1940	1840	91	86	46-123	5	36	
Hexachloro-1,3-butadiene	ug/kg	<101	1990	1990	1790	1660	90	84	46-106	7	27	
Hexachlorobenzene	ug/kg	<66.7	1990	1990	1720	1640	87	83	51-130	5	22	
Hexachlorocyclopentadiene	ug/kg	<93.8	1990	1990	200J	260J	10	13	10-118		47	
Hexachloroethane	ug/kg	<63.4	1990	1990	1490	1310	75	66	36-96	13	42	
Indeno(1,2,3-cd)pyrene	ug/kg	616	1990	1990	1940	1820	67	61	31-116	6	37	
Isophorone	ug/kg	<60.9	1990	1990	1620	1480	82	75	50-130	9	21	
N-Nitroso-di-n-propylamine	ug/kg	<62.9	1990	1990	1650	1560	83	79	46-130	6	36	
N-Nitrosodiphenylamine	ug/kg	<538	1990	1990	1580J	1470J	80	74	50-117		28	
Naphthalene	ug/kg	<139	1990	1990	1860	1700	89	81	46-130	9	28	
Nitrobenzene	ug/kg	<80.4	1990	1990	1600	1410	81	71	44-130	13	28	
Pentachlorophenol	ug/kg	<87.3	1990	1990	<87.5	<87.5	2	3	10-119		50	M1
Phenanthrene	ug/kg	1510	1990	1990	2830	2560	67	53	42-111	10	45	
Phenol	ug/kg	<94.1	1990	1990	1340	1300	67	66	39-103	3	30	
Pyrene	ug/kg	1590	1990	1990	3040	2850	74	64	44-118	7	43	
2,4,6-Tribromophenol (S)	%						37	45	13-143			
2-Fluorobiphenyl (S)	%						83	79	18-127			
2-Fluorophenol (S)	%						44	48	16-103			
Nitrobenzene-d5 (S)	%						81	71	13-114			
Phenol-d6 (S)	%						63	62	30-97			
Terphenyl-d14 (S)	%						87	85	41-109			

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QUALITY CONTROL DATA

Project: 0403363 KRAFT
Pace Project No.: 40154484

QC Batch: 263959 | Analysis Method: EPA 8270
QC Batch Method: EPA 3510 | Analysis Description: 8270 Water MSSV
Associated Lab Samples: 40154484003, 40154484004, 40154484005, 40154484006

METHOD BLANK: 1553397 | Matrix: Water
Associated Lab Samples: 40154484003, 40154484004, 40154484005, 40154484006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trichlorobenzene	ug/L	<2.0	6.8	08/09/17 17:27	
1,2-Dichlorobenzene	ug/L	<1.9	6.4	08/09/17 17:27	
1,3-Dichlorobenzene	ug/L	<1.9	6.3	08/09/17 17:27	
1,4-Dichlorobenzene	ug/L	<1.9	6.3	08/09/17 17:27	
2,2'-Oxybis(1-chloropropane)	ug/L	<1.5	5.1	08/09/17 17:27	
2,4,5-Trichlorophenol	ug/L	<0.84	2.8	08/09/17 17:27	
2,4,6-Trichlorophenol	ug/L	<2.1	7.0	08/09/17 17:27	
2,4-Dichlorophenol	ug/L	<1.4	4.6	08/09/17 17:27	
2,4-Dimethylphenol	ug/L	<1.3	4.2	08/09/17 17:27	
2,4-Dinitrophenol	ug/L	<0.71	2.4	08/09/17 17:27	
2,4-Dinitrotoluene	ug/L	<0.79	2.6	08/09/17 17:27	
2,6-Dinitrotoluene	ug/L	<0.60	2.0	08/09/17 17:27	
2-Chloronaphthalene	ug/L	<1.6	5.5	08/09/17 17:27	
2-Chlorophenol	ug/L	<1.2	3.9	08/09/17 17:27	
2-Methylnaphthalene	ug/L	<1.5	5.0	08/09/17 17:27	
2-Methylphenol(o-Cresol)	ug/L	<0.87	2.9	08/09/17 17:27	
2-Nitroaniline	ug/L	<0.77	2.6	08/09/17 17:27	
2-Nitrophenol	ug/L	<1.2	3.9	08/09/17 17:27	
3&4-Methylphenol(m&p Cresol)	ug/L	<1.6	5.2	08/09/17 17:27	
3,3'-Dichlorobenzidine	ug/L	<0.91	3.0	08/09/17 17:27	
3-Nitroaniline	ug/L	<0.97	3.2	08/09/17 17:27	
4,6-Dinitro-2-methylphenol	ug/L	<0.65	2.2	08/09/17 17:27	
4-Bromophenylphenyl ether	ug/L	<2.0	6.6	08/09/17 17:27	
4-Chloro-3-methylphenol	ug/L	<1.7	5.6	08/09/17 17:27	
4-Chloroaniline	ug/L	<1.1	3.7	08/09/17 17:27	
4-Chlorophenylphenyl ether	ug/L	<0.82	2.7	08/09/17 17:27	
4-Nitroaniline	ug/L	<1.8	6.1	08/09/17 17:27	
4-Nitrophenol	ug/L	<1.0	3.5	08/09/17 17:27	
Acenaphthene	ug/L	<1.3	4.5	08/09/17 17:27	
Acenaphthylene	ug/L	<1.1	3.5	08/09/17 17:27	
Anthracene	ug/L	<1.8	6.0	08/09/17 17:27	
Benzo(a)anthracene	ug/L	<0.53	1.8	08/09/17 17:27	
Benzo(a)pyrene	ug/L	<1.9	6.3	08/09/17 17:27	
Benzo(b)fluoranthene	ug/L	<0.65	2.2	08/09/17 17:27	
Benzo(g,h,i)perylene	ug/L	<0.81	2.7	08/09/17 17:27	
Benzo(k)fluoranthene	ug/L	<1.0	3.3	08/09/17 17:27	
bis(2-Chloroethoxy)methane	ug/L	<1.0	3.3	08/09/17 17:27	
bis(2-Chloroethyl) ether	ug/L	<1.6	5.3	08/09/17 17:27	
bis(2-Ethylhexyl)phthalate	ug/L	<0.69	2.3	08/09/17 17:27	
Butylbenzylphthalate	ug/L	<0.77	2.6	08/09/17 17:27	
Carbazole	ug/L	<0.75	2.5	08/09/17 17:27	

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QUALITY CONTROL DATA

Project: 0403363 KRAFT
Pace Project No.: 40154484

METHOD BLANK: 1553397 Matrix: Water
Associated Lab Samples: 40154484003, 40154484004, 40154484005, 40154484006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chrysene	ug/L	<1.7	5.8	08/09/17 17:27	
Di-n-butylphthalate	ug/L	<2.6	8.5	08/09/17 17:27	
Di-n-octylphthalate	ug/L	<1.9	6.3	08/09/17 17:27	
Dibenz(a,h)anthracene	ug/L	<1.3	4.4	08/09/17 17:27	
Dibenzofuran	ug/L	<0.77	2.6	08/09/17 17:27	
Diethylphthalate	ug/L	<1.1	3.6	08/09/17 17:27	
Dimethylphthalate	ug/L	<1.9	6.4	08/09/17 17:27	
Fluoranthene	ug/L	<0.56	1.9	08/09/17 17:27	
Fluorene	ug/L	<0.75	2.5	08/09/17 17:27	
Hexachloro-1,3-butadiene	ug/L	<2.5	8.2	08/09/17 17:27	
Hexachlorobenzene	ug/L	<1.7	5.6	08/09/17 17:27	
Hexachlorocyclopentadiene	ug/L	<0.68	2.3	08/09/17 17:27	
Hexachloroethane	ug/L	<2.7	8.9	08/09/17 17:27	
Indeno(1,2,3-cd)pyrene	ug/L	<1.5	5.0	08/09/17 17:27	
Isophorone	ug/L	<0.73	2.4	08/09/17 17:27	
N-Nitroso-di-n-propylamine	ug/L	<0.97	3.2	08/09/17 17:27	
N-Nitrosodiphenylamine	ug/L	<3.5	11.8	08/09/17 17:27	
Naphthalene	ug/L	<1.9	6.3	08/09/17 17:27	
Nitrobenzene	ug/L	<1.5	4.8	08/09/17 17:27	
Pentachlorophenol	ug/L	<1.4	4.8	08/09/17 17:27	
Phenanthrene	ug/L	<1.8	6.1	08/09/17 17:27	
Phenol	ug/L	<0.60	2.0	08/09/17 17:27	
Pyrene	ug/L	<1.3	4.5	08/09/17 17:27	
2,4,6-Tribromophenol (S)	%	105	65-140	08/09/17 17:27	
2-Fluorobiphenyl (S)	%	90	59-109	08/09/17 17:27	
2-Fluorophenol (S)	%	54	27-67	08/09/17 17:27	
Nitrobenzene-d5 (S)	%	95	53-100	08/09/17 17:27	
Phenol-d6 (S)	%	34	18-120	08/09/17 17:27	
Terphenyl-d14 (S)	%	107	59-108	08/09/17 17:27	

LABORATORY CONTROL SAMPLE: 1553398

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	ug/L	50	46.4	93	66-130	
1,2-Dichlorobenzene	ug/L	50	39.5	79	50-130	
1,3-Dichlorobenzene	ug/L	50	37.9	76	42-98	
1,4-Dichlorobenzene	ug/L	50	38.2	76	44-84	
2,2'-Oxybis(1-chloropropane)	ug/L	50	46.0	92	58-130	
2,4,5-Trichlorophenol	ug/L	50	48.8	98	63-127	
2,4,6-Trichlorophenol	ug/L	50	50.3	101	65-125	
2,4-Dichlorophenol	ug/L	50	48.4	97	71-104	
2,4-Dimethylphenol	ug/L	50	38.6	77	40-85	
2,4-Dinitrophenol	ug/L	50	39.7	79	33-126	
2,4-Dinitrotoluene	ug/L	50	56.3	113	68-137	

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QUALITY CONTROL DATA

Project: 0403363 KRAFT
Pace Project No.: 40154484

LABORATORY CONTROL SAMPLE: 1553398

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2,6-Dinitrotoluene	ug/L	50	55.4	111	71-130	
2-Chloronaphthalene	ug/L	50	47.7	95	70-120	
2-Chlorophenol	ug/L	50	44.7	89	60-101	
2-Methylnaphthalene	ug/L	50	50.0	100	70-130	
2-Methylphenol(o-Cresol)	ug/L	50	39.7	79	54-103	
2-Nitroaniline	ug/L	50	52.0	104	70-130	
2-Nitrophenol	ug/L	50	50.8	102	66-111	
3&4-Methylphenol(m&p Cresol)	ug/L	50	35.0	70	50-95	
3,3'-Dichlorobenzidine	ug/L	50	36.8	74	37-97	
3-Nitroaniline	ug/L	50	51.7	103	70-113	
4,6-Dinitro-2-methylphenol	ug/L	50	47.1	94	49-136	
4-Bromophenylphenyl ether	ug/L	50	52.4	105	70-130	
4-Chloro-3-methylphenol	ug/L	50	52.6	105	69-109	
4-Chloroaniline	ug/L	50	44.1	88	70-125	
4-Chlorophenylphenyl ether	ug/L	50	52.9	106	70-130	
4-Nitroaniline	ug/L	50	51.3	103	70-124	
4-Nitrophenol	ug/L	50	18.1	36	21-130	
Acenaphthene	ug/L	50	49.9	100	73-118	
Acenaphthylene	ug/L	50	50.4	101	70-120	
Anthracene	ug/L	50	57.4	115	70-130	
Benzo(a)anthracene	ug/L	50	46.1	92	70-130	
Benzo(a)pyrene	ug/L	50	44.4	89	73-106	
Benzo(b)fluoranthene	ug/L	50	45.2	90	68-130	
Benzo(g,h,i)perylene	ug/L	50	46.2	92	60-121	
Benzo(k)fluoranthene	ug/L	50	42.5	85	62-124	
bis(2-Chloroethoxy)methane	ug/L	50	50.2	100	70-130	
bis(2-Chloroethyl) ether	ug/L	50	46.1	92	65-130	
bis(2-Ethylhexyl)phthalate	ug/L	50	53.9	108	66-123	
Butylbenzylphthalate	ug/L	50	56.4	113	63-123	
Carbazole	ug/L	50	58.1	116	70-130	
Chrysene	ug/L	50	37.6	75	50-127	
Di-n-butylphthalate	ug/L	50	63.0	126	70-130	
Di-n-octylphthalate	ug/L	50	51.2	102	53-121	
Dibenz(a,h)anthracene	ug/L	50	30.7	61	10-130	
Dibenzofuran	ug/L	50	49.8	100	70-124	
Diethylphthalate	ug/L	50	60.2	120	70-130	
Dimethylphthalate	ug/L	50	58.3	117	70-130	
Fluoranthene	ug/L	50	58.4	117	75-118	
Fluorene	ug/L	50	53.7	107	70-130	
Hexachloro-1,3-butadiene	ug/L	50	49.4	99	57-100	
Hexachlorobenzene	ug/L	50	52.6	105	70-130	
Hexachlorocyclopentadiene	ug/L	50	20.0	40	19-75	
Hexachloroethane	ug/L	50	37.6	75	41-130	
Indeno(1,2,3-cd)pyrene	ug/L	50	46.5	93	43-122	
Isophorone	ug/L	50	49.2	98	70-130	
N-Nitroso-di-n-propylamine	ug/L	50	42.9	86	70-130	
N-Nitrosodiphenylamine	ug/L	50	52.3	105	83-129	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

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Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: 0403363 KRAFT
Pace Project No.: 40154484

LABORATORY CONTROL SAMPLE: 1553398

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Naphthalene	ug/L	50	47.8	96	68-130	
Nitrobenzene	ug/L	50	47.1	94	70-130	
Pentachlorophenol	ug/L	50	50.6	101	57-121	
Phenanthrene	ug/L	50	53.1	106	70-124	
Phenol	ug/L	50	18.7	37	25-120	
Pyrene	ug/L	50	51.0	102	70-130	
2,4,6-Tribromophenol (S)	%			123	65-140	
2-Fluorobiphenyl (S)	%			92	59-109	
2-Fluorophenol (S)	%			60	27-67	
Nitrobenzene-d5 (S)	%			101	53-100	S0
Phenol-d6 (S)	%			37	18-120	
Terphenyl-d14 (S)	%			104	59-108	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1553399 1553400

Parameter	Units	40154413004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
2,4-Dimethylphenol	ug/L	<1.2	50	52.1	22.4	21.0	45	40	10-85	7	50	
2-Methylnaphthalene	ug/L	<1.5	50	52.1	48.1	53.7	96	103	58-130	11	22	
3&4-Methylphenol(m&p Cresol)	ug/L	<1.5	50	52.1	31.4	30.7	63	59	21-95	2	45	
Carbazole	ug/L	<0.72	50	52.1	55.4	61.9	111	119	68-130	11	22	
Dibenzofuran	ug/L	<0.74	50	52.1	46.6	52.6	93	101	52-124	12	21	
Phenol	ug/L	<0.58	50	52.1	15.6	18.4	31	35	16-120	17	24	
2,4,6-Tribromophenol (S)	%						111	113	65-140			
2-Fluorobiphenyl (S)	%						88	94	59-109			
2-Fluorophenol (S)	%						51	50	27-67			
Nitrobenzene-d5 (S)	%						90	98	53-100			
Phenol-d6 (S)	%						32	36	18-120			
Terphenyl-d14 (S)	%						100	99	59-108			

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QUALITY CONTROL DATA

Project: 0403363 KRAFT
Pace Project No.: 40154484

QC Batch: 263915
QC Batch Method: ASTM D2974-87
Analysis Method: ASTM D2974-87
Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 40154484001, 40154484002

SAMPLE DUPLICATE: 1553146

Parameter	Units	40154338010 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	14.4	14.6	1	10	

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QUALIFIERS

Project: 0403363 KRAFT
Pace Project No.: 40154484

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above LOD.

J - Estimated concentration at or above the LOD and below the LOQ.

LOD - Limit of Detection adjusted for dilution factor and percent moisture.

LOQ - Limit of Quantitation adjusted for dilution factor and percent moisture.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected at or above the adjusted LOD.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

LABORATORIES

PASI-G	Pace Analytical Services - Green Bay

ANALYTE QUALIFIERS

D3	Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.
L1	Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results may be biased high.
M0	Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
S0	Surrogate recovery outside laboratory control limits.
S3	Surrogate recovery exceeded laboratory control limits. Analyte presence below reporting limits in associated sample.
W	Non-detect results are reported on a wet weight basis.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 0403363 KRAFT
Pace Project No.: 40154484

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40154484001	**SB-17 4-5 (SOIL)**	EPA 3541	263888	EPA 8082	263889
40154484002	**SB-16 2-2.5 (SOIL)**	EPA 3541	263888	EPA 8082	263889
40154484001	**SB-17 4-5 (SOIL)**	EPA 3050	264216	EPA 6010	264378
40154484002	**SB-16 2-2.5 (SOIL)**	EPA 3050	264216	EPA 6010	264378
40154484003	**SB-49-S (GW)**	EPA 3010	264158	EPA 6010	264276
40154484004	**SB-50-S (GW)**	EPA 3010	264158	EPA 6010	264276
40154484005	**SB-51-S (GW)**	EPA 3010	264158	EPA 6010	264276
40154484006	**SB-17-S (GW)**	EPA 3010	264158	EPA 6010	264276
40154484003	**SB-49-S (GW)**	EPA 7470	264468	EPA 7470	264535
40154484004	**SB-50-S (GW)**	EPA 7470	264468	EPA 7470	264535
40154484005	**SB-51-S (GW)**	EPA 7470	264468	EPA 7470	264535
40154484006	**SB-17-S (GW)**	EPA 7470	264468	EPA 7470	264535
40154484001	**SB-17 4-5 (SOIL)**	EPA 7471	264417	EPA 7471	264456
40154484002	**SB-16 2-2.5 (SOIL)**	EPA 7471	264417	EPA 7471	264456
40154484001	**SB-17 4-5 (SOIL)**	EPA 3546	264438	EPA 8270	264489
40154484002	**SB-16 2-2.5 (SOIL)**	EPA 3546	264438	EPA 8270	264489
40154484003	**SB-49-S (GW)**	EPA 3510	263959	EPA 8270	264058
40154484004	**SB-50-S (GW)**	EPA 3510	263959	EPA 8270	264058
40154484005	**SB-51-S (GW)**	EPA 3510	263959	EPA 8270	264058
40154484006	**SB-17-S (GW)**	EPA 3510	263959	EPA 8270	264058
40154484001	**SB-17 4-5 (SOIL)**	EPA 5035/5030B	263759	EPA 8260	263765
40154484002	**SB-16 2-2.5 (SOIL)**	EPA 5035/5030B	263759	EPA 8260	263765
40154484003	**SB-49-S (GW)**	EPA 8260	263681		
40154484004	**SB-50-S (GW)**	EPA 8260	263681		
40154484005	**SB-51-S (GW)**	EPA 8260	263681		
40154484006	**SB-17-S (GW)**	EPA 8260	263681		
40154484007	**TRIP BLANK**	EPA 8260	263681		
40154484001	**SB-17 4-5 (SOIL)**	ASTM D2974-87	263915		
40154484002	**SB-16 2-2.5 (SOIL)**	ASTM D2974-87	263915		

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401544

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AIR: CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

27624

Page: 1 of 1

Section A Required Client Information:
Company: ERM
Address:
Email To: Andrew.Dewitt@ERM
Phone: 616-735-7391 Fax:
Requested Due Date/TAT:

Section B Required Project Information:
Report To: Andrew DeWitt
Copy To: David Delcury
Purchase Order No.:
Project Name: Kraft
Project Number: 0403363

Section C Invoice Information:
Attention:
Company Name:
Address:
Pace Quote Reference:
Pace Project Manager/Sales Rep.
Pace Profile #:

Program: UST, Superfund, Emissions, Clean Air Act, Voluntary Clean Up, Dry Clean, RCRA, Other

Location of Sampling by State

Reporting Units: ug/m³ mg/m³ PPBV PPMV Other

Report Level II. III. IV. Other

Method:

Section D Required Client Information
~~AIR SAMPLE ID~~
Sample IDs MUST BE UNIQUE

Valid Media Codes

MEDIA	CODE
Tedlar Bag	TB
1 Liter Summa Can	1LC
6 Liter Summa Can	6LC
Low Volume Puff	LVP
High Volume Puff	HVP
Other	PM10

	ITEM #	Sample ID		Media	MEDIA CODE	PID Reading (Client only)	COLLECTED Composite Start / End/Grab Date	Time	Composite - Date	Time	Canister Pressure (Initial Field - psig)	Canister Pressure (Final Field - psig)	Summa Can Number	Flow Control Number	VOC	SVOC	Metals	PCB	TO-13 (PAH)	TO-14	TO-15	TO15 Short List*	Pace Lab ID
001	1	SB-17	4-5	(Soil)	S		8/2/17	14:55							X	X	X	X		2-40mLvg	1-40mLp A	1-40mLv F	
002	2	SB-16	2-2.5	(Soil)	S		8/2/17	13:40							X	X	X	X		↓	↓	↓	
003	3	SB-49-S		(GW)	W		8/2	14:30							X	X	X		2-1Lag A		1-250mLp D	3-40mLv B	
004	4	SB-50-S		(GW)	W		8/2	15:00							X	X	X						
005	5	SB-51-S		(GW)	W		8/2	15:30							X	X	X						
006	6	SB-17-S		(GW)	W		8/2	16:10							X	X	X						
007	7	① Trip Blank																			2-40mLv B		
	8																						
	9																						
	10																						
	11																						
	12																						

Comments:
① Trip Blank added by lab RMV 8/4/17

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
CS Logistics	8/4/17	1010	[illegible]	8/4/17	1010

SAMPLE CONDITIONS

Temp in °C	3/2		
Received on Ice	Y/N	Y/N	Y/N
Custody Sealed Cooler	Y/N	Y/N	Y/N
Samples Intact	Y/N	Y/N	Y/N

SAMPLER NAME AND SIGNATURE
PRINT Name of SAMPLER: Andrew Dewitt / Philip Kestler
SIGNATURE of SAMPLER: [signature] / [signature]
DATE Signed (MM / DD / YY): 8/2/17

ORIGINAL

Pace Analytical™

Sample Condition Upon Receipt

Pace Analytical Services, LLC. - Green Bay WI
1241 Bellevue Street, Suite 9
Green Bay, WI 54302

Client Name: ERM

Project #: **WO#: 40154484**

40154484

Courier: ☐ Fed Ex ☐ UPS ☐ Client ☐ Pace Other: CS Logistics

Tracking #: 207.080317/207.080317

Custody Seal on Cooler/Box Present: ☑ yes ☐ no Seals intact: ☑ yes ☐ no

Custody Seal on Samples Present: ☐ yes ☑ no Seals intact: ☐ yes ☐ no

Packing Material: ☐ Bubble Wrap ☑ Bubble Bags ☐ None ☐ Other

Thermometer Used SR-49 **Type of Ice:** (Wet) Blue Dry None ☑ Samples on ice, cooling process has begun

Cooler Temperature Uncorr: 3/2 /Corr: 3/2

Temp Blank Present: ☐ yes ☑ no **Biological Tissue is Frozen:** ☐ yes ☐ no

Temp should be above freezing to 6°C.
Biota Samples may be received at ≤ 0°C.

Person examining contents:
Date: 8/4/17
Initials: RMV

		Comments:
Chain of Custody Present:	☑Yes ☐No ☐N/A	1.
Chain of Custody Filled Out: RMV 8/4/17	☑Yes (☑No) ☐N/A	2. Trip Blank added by lab RMV 8/4/17
Chain of Custody Relinquished:	☑Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☑Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	☑Yes ☐No ☐N/A	5.
- VOA Samples frozen upon receipt	☐Yes ☐No	Date/Time:
Short Hold Time Analysis (<72hr):	☐Yes ☑No ☐N/A	6.
Rush Turn Around Time Requested:	☐Yes ☑No ☐N/A	7.
Sufficient Volume:	☐Yes ☑No ☐N/A	8. NO MS/MSD RMV 8/4/17
Correct Containers Used:	☑Yes ☐No ☐N/A	9.
-Pace Containers Used:	☑Yes ☐No ☐N/A	
-Pace IR Containers Used:	☐Yes ☐No ☑N/A	
Containers Intact:	☑Yes ☐No ☐N/A	10.
Filtered volume received for Dissolved tests	☐Yes ☑No ☐N/A	11.
Sample Labels match COC: 8-4-17 KR	☑Yes (☑No) ☐N/A	12. 001 ID SB-17 4-5 (soil), 002 ID SB-16 2-2.5, 003 ID SB-49-S, 004 ID SB-50-S, 005 ID SB-51-S, 006 ID SB-17-S 8-4-17 KR
-Includes date/time/ID/Analysis Matrix: S/W		
All containers needing preservation have been checked. (Non-Compliance noted in 13.)	☑Yes ☐No ☐N/A	13. ☑ HNO3 ☐ H2SO4 ☐ NaOH ☐ NaOH +ZnAct
All containers needing preservation are found to be in compliance with EPA recommendation. (HNO3, H2SO4 <2; NaOH+ZnAct ≥9, NaOH ≥12)	☑Yes ☐No ☐N/A	
exceptions: (VOA) coliform, TOC, TOX, TOH, O&G, WIDROW, Phenolics, OTHER:	☑Yes ☐No	Initial when completed RMV / Lab Std #ID of preservative / Date/Time:
Headspace in VOA Vials (>6mm):	☐Yes ☑No ☐N/A	14.
Trip Blank Present:	☑Yes ☐No ☐N/A	15.
Trip Blank Custody Seals Present	☑Yes ☐No ☐N/A	
Pace Trip Blank Lot # (if purchased): # 383		

Client Notification/ Resolution:
Person Contacted:
Comments/ Resolution: Date/Time:

If checked, see attached form for additional comments ☐

Project Manager Review: RMR for DM

Date: 8/4/17

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

September 13, 2017

Andrew DeWitt
ERM, Inc.
3352 128th Avenue
Holland, MI 49424

RE: Project: 0403363
Pace Project No.: 40156346

Dear Andrew DeWitt:
Enclosed are the analytical results for sample(s) received by the laboratory on September 08, 2017. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Dan Milewsky
dan.milewsky@pacelabs.com
(920)469-2436
Project Manager

Enclosures

cc: Carl Stay, ERM, Inc.
David deCourcy-Bower, ERM, Inc.

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CERTIFICATIONS

Project: 0403363
Pace Project No.: 40156346

Green Bay Certification IDs

1241 Bellevue Street, Green Bay, WI 54302
Florida/NELAP Certification #: E87948
Illinois Certification #: 200050
Kentucky UST Certification #: 82
Louisiana Certification #: 04168
Minnesota Certification #: 055-999-334
New York Certification #: 12064
North Dakota Certification #: R-150
Virginia VELAP ID: 460263
South Carolina Certification #: 83006001
Texas Certification #: T104704529-14-1
Wisconsin Certification #: 405132750
Wisconsin DATCP Certification #: 105-444
USDA Soil Permit #: P330-16-00157
Federal Fish & Wildlife Permit #: LE51774A-0

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SAMPLE SUMMARY

Project: 0403363
Pace Project No.: 40156346

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40156346001	**SB-54**	Water	09/07/17 10:25	09/08/17 09:45
40156346002	**SB-55**	Water	09/07/17 11:05	09/08/17 09:45
40156346003	**SB-56**	Water	09/07/17 11:36	09/08/17 09:45
40156346004	**SB-57**	Water	09/07/17 13:15	09/08/17 09:45
40156346005	**SB-58**	Water	09/07/17 13:50	09/08/17 09:45
40156346006	**SB-59**	Water	09/07/17 14:10	09/08/17 09:45
40156346007	**SB-60**	Water	09/07/17 14:45	09/08/17 09:45
40156346008	**SB-61**	Water	09/07/17 15:55	09/08/17 09:45
40156346009	**SB-62**	Water	09/07/17 16:25	09/08/17 09:45
40156346010	**SB-63**	Water	09/07/17 16:50	09/08/17 09:45

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SAMPLE ANALYTE COUNT

Project: 0403363
Pace Project No.: 40156346

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40156346001	**SB-54**	EPA 6010	DLB	1	PASI-G
		EPA 8270 by HVI	TPO	20	PASI-G
		EPA 8260	LAP	64	PASI-G
40156346002	**SB-55**	EPA 6010	DLB	1	PASI-G
		EPA 8270 by HVI	TPO	20	PASI-G
		EPA 8260	LAP	64	PASI-G
40156346003	**SB-56**	EPA 6010	DLB	1	PASI-G
		EPA 8270 by HVI	TPO	20	PASI-G
		EPA 8260	LAP	64	PASI-G
40156346004	**SB-57**	EPA 6010	DLB	1	PASI-G
		EPA 8270 by HVI	TPO	20	PASI-G
		EPA 8260	LAP	64	PASI-G
40156346005	**SB-58**	EPA 6010	DLB	1	PASI-G
		EPA 8270 by HVI	TPO	20	PASI-G
		EPA 8260	LAP	64	PASI-G
40156346006	**SB-59**	EPA 6010	DLB	1	PASI-G
		EPA 8270 by HVI	TPO	20	PASI-G
		EPA 8260	LAP	64	PASI-G
40156346007	**SB-60**	EPA 6010	DLB	1	PASI-G
		EPA 8270 by HVI	TPO	20	PASI-G
		EPA 8260	LAP	64	PASI-G
40156346008	**SB-61**	EPA 6010	DLB	1	PASI-G
		EPA 8270 by HVI	TPO	20	PASI-G
		EPA 8260	LAP	64	PASI-G
40156346009	**SB-62**	EPA 6010	DLB	1	PASI-G
		EPA 8270 by HVI	TPO	20	PASI-G
		EPA 8260	LAP	64	PASI-G
40156346010	**SB-63**	EPA 6010	DLB	1	PASI-G
		EPA 8270 by HVI	TPO	20	PASI-G
		EPA 8260	LAP	64	PASI-G

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SUMMARY OF DETECTION

Project: 0403363
Pace Project No.: 40156346

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40156346001	**SB-54**					
EPA 6010	Lead	1140	ug/L	65.0	09/12/17 12:22	P4
EPA 8270 by HVI	Acenaphthene	0.28	ug/L	0.032	09/11/17 13:42	
EPA 8270 by HVI	Acenaphthylene	0.021J	ug/L	0.026	09/11/17 13:42	
EPA 8270 by HVI	Anthracene	0.21	ug/L	0.055	09/11/17 13:42	
EPA 8270 by HVI	Benzo(a)anthracene	0.094	ug/L	0.040	09/11/17 13:42	
EPA 8270 by HVI	Benzo(a)pyrene	0.085	ug/L	0.055	09/11/17 13:42	
EPA 8270 by HVI	Benzo(b)fluoranthene	0.11	ug/L	0.030	09/11/17 13:42	
EPA 8270 by HVI	Benzo(g,h,i)perylene	0.044	ug/L	0.036	09/11/17 13:42	
EPA 8270 by HVI	Benzo(k)fluoranthene	0.044	ug/L	0.040	09/11/17 13:42	
EPA 8270 by HVI	Chrysene	0.091	ug/L	0.069	09/11/17 13:42	
EPA 8270 by HVI	Dibenz(a,h)anthracene	0.015J	ug/L	0.053	09/11/17 13:42	
EPA 8270 by HVI	Fluoranthene	0.30	ug/L	0.056	09/11/17 13:42	L1
EPA 8270 by HVI	Fluorene	0.41	ug/L	0.042	09/11/17 13:42	
EPA 8270 by HVI	Indeno(1,2,3-cd)pyrene	0.050J	ug/L	0.093	09/11/17 13:42	
EPA 8270 by HVI	1-Methylnaphthalene	0.24	ug/L	0.031	09/11/17 13:42	
EPA 8270 by HVI	2-Methylnaphthalene	0.26	ug/L	0.026	09/11/17 13:42	
EPA 8270 by HVI	Naphthalene	1.2	ug/L	0.096	09/11/17 13:42	
EPA 8270 by HVI	Phenanthrene	0.75	ug/L	0.073	09/11/17 13:42	
EPA 8270 by HVI	Pyrene	0.23	ug/L	0.040	09/11/17 13:42	
EPA 8260	cis-1,2-Dichloroethene	1.1	ug/L	1.0	09/11/17 18:22	
EPA 8260	Naphthalene	2.6J	ug/L	5.0	09/11/17 18:22	
40156346002	**SB-55**					
EPA 6010	Lead	956	ug/L	65.0	09/12/17 12:24	
EPA 8270 by HVI	Acenaphthene	0.016J	ug/L	0.030	09/11/17 14:01	
EPA 8270 by HVI	Benzo(a)anthracene	0.018J	ug/L	0.037	09/11/17 14:01	
EPA 8270 by HVI	Benzo(a)pyrene	0.012J	ug/L	0.052	09/11/17 14:01	
EPA 8270 by HVI	Benzo(b)fluoranthene	0.016J	ug/L	0.028	09/11/17 14:01	
EPA 8270 by HVI	Benzo(g,h,i)perylene	0.010J	ug/L	0.034	09/11/17 14:01	
EPA 8270 by HVI	Chrysene	0.015J	ug/L	0.065	09/11/17 14:01	
EPA 8270 by HVI	Fluoranthene	0.034J	ug/L	0.053	09/11/17 14:01	L1
EPA 8270 by HVI	Fluorene	0.011J	ug/L	0.039	09/11/17 14:01	
EPA 8270 by HVI	1-Methylnaphthalene	1.6	ug/L	0.029	09/11/17 14:01	
EPA 8270 by HVI	2-Methylnaphthalene	2.1	ug/L	0.024	09/11/17 14:01	
EPA 8270 by HVI	Naphthalene	17.2	ug/L	0.091	09/11/17 14:01	
EPA 8270 by HVI	Phenanthrene	0.034J	ug/L	0.068	09/11/17 14:01	
EPA 8270 by HVI	Pyrene	0.032J	ug/L	0.038	09/11/17 14:01	
EPA 8260	Benzene	36.6	ug/L	1.0	09/12/17 07:46	
EPA 8260	n-Butylbenzene	1.1	ug/L	1.0	09/12/17 07:46	
EPA 8260	cis-1,2-Dichloroethene	2.4	ug/L	1.0	09/12/17 07:46	
EPA 8260	Ethylbenzene	2.9	ug/L	1.0	09/12/17 07:46	
EPA 8260	Isopropylbenzene (Cumene)	3.7	ug/L	1.0	09/12/17 07:46	
EPA 8260	Naphthalene	32.8	ug/L	5.0	09/12/17 07:46	
EPA 8260	n-Propylbenzene	10.1	ug/L	1.0	09/12/17 07:46	
EPA 8260	Toluene	1.3	ug/L	1.0	09/12/17 07:46	
EPA 8260	1,2,4-Trimethylbenzene	1.0	ug/L	1.0	09/12/17 07:46	
EPA 8260	1,3,5-Trimethylbenzene	0.60J	ug/L	1.0	09/12/17 07:46	
EPA 8260	m&p-Xylene	6.6	ug/L	2.0	09/12/17 07:46	

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1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

SUMMARY OF DETECTION

Project: 0403363
Pace Project No.: 40156346

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40156346002	**SB-55**					
EPA 8260	o-Xylene	0.61J	ug/L	1.0	09/12/17 07:46	
40156346003	**SB-56**					
EPA 6010	Lead	19.7	ug/L	13.0	09/12/17 12:14	
EPA 8270 by HVI	Acenaphthene	0.049	ug/L	0.028	09/11/17 14:19	
EPA 8270 by HVI	Benzo(a)anthracene	0.011J	ug/L	0.035	09/11/17 14:19	
EPA 8270 by HVI	Benzo(b)fluoranthene	0.0090J	ug/L	0.027	09/11/17 14:19	
EPA 8270 by HVI	Fluoranthene	0.028J	ug/L	0.050	09/11/17 14:19	L1
EPA 8270 by HVI	Fluorene	0.016J	ug/L	0.037	09/11/17 14:19	
EPA 8270 by HVI	1-Methylnaphthalene	0.025J	ug/L	0.028	09/11/17 14:19	
EPA 8270 by HVI	2-Methylnaphthalene	0.032	ug/L	0.023	09/11/17 14:19	
EPA 8270 by HVI	Naphthalene	0.042J	ug/L	0.086	09/11/17 14:19	
EPA 8270 by HVI	Phenanthrene	0.038J	ug/L	0.064	09/11/17 14:19	
EPA 8270 by HVI	Pyrene	0.022J	ug/L	0.036	09/11/17 14:19	
40156346004	**SB-57**					
EPA 6010	Lead	154	ug/L	13.0	09/12/17 12:27	
EPA 8270 by HVI	Acenaphthene	0.023J	ug/L	0.029	09/11/17 14:38	
EPA 8270 by HVI	Benzo(a)anthracene	0.023J	ug/L	0.036	09/11/17 14:38	
EPA 8270 by HVI	Benzo(a)pyrene	0.019J	ug/L	0.051	09/11/17 14:38	
EPA 8270 by HVI	Benzo(b)fluoranthene	0.023J	ug/L	0.028	09/11/17 14:38	
EPA 8270 by HVI	Benzo(g,h,i)perylene	0.013J	ug/L	0.033	09/11/17 14:38	
EPA 8270 by HVI	Benzo(k)fluoranthene	0.011J	ug/L	0.036	09/11/17 14:38	
EPA 8270 by HVI	Chrysene	0.021J	ug/L	0.063	09/11/17 14:38	
EPA 8270 by HVI	Fluoranthene	0.038J	ug/L	0.051	09/11/17 14:38	L1
EPA 8270 by HVI	Fluorene	0.010J	ug/L	0.038	09/11/17 14:38	
EPA 8270 by HVI	1-Methylnaphthalene	0.014J	ug/L	0.028	09/11/17 14:38	
EPA 8270 by HVI	2-Methylnaphthalene	0.014J	ug/L	0.024	09/11/17 14:38	
EPA 8270 by HVI	Naphthalene	0.030J	ug/L	0.088	09/11/17 14:38	
EPA 8270 by HVI	Phenanthrene	0.033J	ug/L	0.066	09/11/17 14:38	
EPA 8270 by HVI	Pyrene	0.041	ug/L	0.037	09/11/17 14:38	
40156346005	**SB-58**					
EPA 6010	Lead	130	ug/L	13.0	09/12/17 12:34	
EPA 8270 by HVI	Acenaphthene	0.013J	ug/L	0.029	09/11/17 14:56	
EPA 8270 by HVI	Fluoranthene	0.012J	ug/L	0.050	09/11/17 14:56	L1
EPA 8270 by HVI	1-Methylnaphthalene	0.012J	ug/L	0.028	09/11/17 14:56	
EPA 8270 by HVI	2-Methylnaphthalene	0.014J	ug/L	0.023	09/11/17 14:56	
EPA 8270 by HVI	Naphthalene	0.028J	ug/L	0.086	09/11/17 14:56	
EPA 8270 by HVI	Phenanthrene	0.024J	ug/L	0.065	09/11/17 14:56	
EPA 8270 by HVI	Pyrene	0.0082J	ug/L	0.036	09/11/17 14:56	
40156346006	**SB-59**					
EPA 6010	Lead	163	ug/L	13.0	09/12/17 12:37	
EPA 8270 by HVI	Acenaphthene	0.21J	ug/L	0.84	09/11/17 18:37	
EPA 8270 by HVI	1-Methylnaphthalene	41.6	ug/L	0.82	09/11/17 18:37	
EPA 8270 by HVI	2-Methylnaphthalene	74.5	ug/L	0.68	09/11/17 18:37	
EPA 8270 by HVI	Naphthalene	307	ug/L	2.5	09/11/17 18:37	
EPA 8260	Benzene	6.9J	ug/L	10.0	09/12/17 08:30	

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SUMMARY OF DETECTION

Project: 0403363
Pace Project No.: 40156346

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40156346006	**SB-59**					
EPA 8260	n-Butylbenzene	24.2	ug/L	10.0	09/12/17 08:30	
EPA 8260	Ethylbenzene	172	ug/L	10.0	09/12/17 08:30	
EPA 8260	Isopropylbenzene (Cumene)	96.2	ug/L	10.0	09/12/17 08:30	
EPA 8260	p-Isopropyltoluene	7.6J	ug/L	10.0	09/12/17 08:30	
EPA 8260	Naphthalene	486	ug/L	50.0	09/12/17 08:30	
EPA 8260	n-Propylbenzene	304	ug/L	10.0	09/12/17 08:30	
EPA 8260	Toluene	13.3	ug/L	10.0	09/12/17 08:30	
EPA 8260	1,3,5-Trimethylbenzene	85.9	ug/L	10.0	09/12/17 08:30	
EPA 8260	m&p-Xylene	521	ug/L	20.0	09/12/17 08:30	
EPA 8260	o-Xylene	10.1	ug/L	10.0	09/12/17 08:30	
40156346007	**SB-60**					
EPA 6010	Lead	358	ug/L	13.0	09/12/17 12:39	
EPA 8270 by HVI	Acenaphthene	0.032	ug/L	0.028	09/11/17 15:15	
EPA 8270 by HVI	Benzo(a)anthracene	0.0076J	ug/L	0.035	09/11/17 15:15	
EPA 8270 by HVI	Fluoranthene	0.017J	ug/L	0.050	09/11/17 15:15	L1
EPA 8270 by HVI	Fluorene	0.013J	ug/L	0.037	09/11/17 15:15	
EPA 8270 by HVI	1-Methylnaphthalene	0.38	ug/L	0.028	09/11/17 15:15	
EPA 8270 by HVI	2-Methylnaphthalene	0.21	ug/L	0.023	09/11/17 15:15	
EPA 8270 by HVI	Naphthalene	1.7	ug/L	0.086	09/11/17 15:15	
EPA 8270 by HVI	Phenanthrene	0.020J	ug/L	0.064	09/11/17 15:15	
EPA 8270 by HVI	Pyrene	0.013J	ug/L	0.036	09/11/17 15:15	
EPA 8260	Ethylbenzene	0.99J	ug/L	1.0	09/11/17 17:38	
EPA 8260	Isopropylbenzene (Cumene)	5.8	ug/L	1.0	09/11/17 17:38	
EPA 8260	Naphthalene	2.6J	ug/L	5.0	09/11/17 17:38	
EPA 8260	n-Propylbenzene	15.1	ug/L	1.0	09/11/17 17:38	
EPA 8260	1,3,5-Trimethylbenzene	3.3	ug/L	1.0	09/11/17 17:38	
40156346008	**SB-61**					
EPA 6010	Lead	219	ug/L	13.0	09/12/17 12:42	
EPA 8270 by HVI	Acenaphthene	0.022J	ug/L	0.029	09/11/17 15:33	
EPA 8270 by HVI	Anthracene	0.014J	ug/L	0.050	09/11/17 15:33	
EPA 8270 by HVI	Benzo(a)anthracene	0.0074J	ug/L	0.036	09/11/17 15:33	
EPA 8270 by HVI	Fluoranthene	0.020J	ug/L	0.051	09/11/17 15:33	L1
EPA 8270 by HVI	Fluorene	0.013J	ug/L	0.038	09/11/17 15:33	
EPA 8270 by HVI	1-Methylnaphthalene	0.026J	ug/L	0.028	09/11/17 15:33	
EPA 8270 by HVI	2-Methylnaphthalene	0.014J	ug/L	0.023	09/11/17 15:33	
EPA 8270 by HVI	Naphthalene	1.3	ug/L	0.087	09/11/17 15:33	
EPA 8270 by HVI	Phenanthrene	0.027J	ug/L	0.066	09/11/17 15:33	
EPA 8270 by HVI	Pyrene	0.082	ug/L	0.036	09/11/17 15:33	
EPA 8260	Benzene	19.5	ug/L	2.0	09/11/17 19:28	
EPA 8260	Ethylbenzene	26.0	ug/L	2.0	09/11/17 19:28	
EPA 8260	Isopropylbenzene (Cumene)	12.8	ug/L	2.0	09/11/17 19:28	
EPA 8260	n-Propylbenzene	11.9	ug/L	2.0	09/11/17 19:28	
EPA 8260	Toluene	12.9	ug/L	2.0	09/11/17 19:28	
EPA 8260	1,2,4-Trimethylbenzene	54.5	ug/L	2.0	09/11/17 19:28	
EPA 8260	1,3,5-Trimethylbenzene	22.5	ug/L	2.0	09/11/17 19:28	
EPA 8260	m&p-Xylene	510	ug/L	4.0	09/11/17 19:28	

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SUMMARY OF DETECTION

Project: 0403363
Pace Project No.: 40156346

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40156346008	**SB-61**					
EPA 8260	o-Xylene	16.0	ug/L	2.0	09/11/17 19:28	
40156346009	**SB-62**					
EPA 6010	Lead	479	ug/L	26.0	09/12/17 13:17	
EPA 8270 by HVI	Acenaphthene	0.023J	ug/L	0.029	09/11/17 15:51	
EPA 8270 by HVI	Anthracene	0.019J	ug/L	0.051	09/11/17 15:51	
EPA 8270 by HVI	Benzo(a)anthracene	0.011J	ug/L	0.037	09/11/17 15:51	
EPA 8270 by HVI	Fluoranthene	0.032J	ug/L	0.052	09/11/17 15:51	L1
EPA 8270 by HVI	Fluorene	0.022J	ug/L	0.039	09/11/17 15:51	
EPA 8270 by HVI	1-Methylnaphthalene	0.020J	ug/L	0.029	09/11/17 15:51	
EPA 8270 by HVI	2-Methylnaphthalene	0.013J	ug/L	0.024	09/11/17 15:51	
EPA 8270 by HVI	Phenanthrene	0.094	ug/L	0.067	09/11/17 15:51	
EPA 8270 by HVI	Pyrene	0.12	ug/L	0.037	09/11/17 15:51	
40156346010	**SB-63**					
EPA 6010	Lead	495	ug/L	26.0	09/12/17 13:19	
EPA 8270 by HVI	Acenaphthene	0.0082J	ug/L	0.029	09/11/17 16:10	
EPA 8270 by HVI	1-Methylnaphthalene	0.014J	ug/L	0.029	09/11/17 16:10	
EPA 8270 by HVI	2-Methylnaphthalene	0.0092J	ug/L	0.024	09/11/17 16:10	
EPA 8270 by HVI	Naphthalene	0.041J	ug/L	0.089	09/11/17 16:10	

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ANALYTICAL RESULTS

Project: 0403363
Pace Project No.: 40156346

Sample: SB-54 **Lab ID: 40156346001** Collected: 09/07/17 10:25 Received: 09/08/17 09:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Lead	**1140**	ug/L	65.0	21.6	5	09/11/17 10:24	09/12/17 12:22	7439-92-1	P4
8270 MSSV PAH by HVI	Analytical Method: EPA 8270 by HVI Preparation Method: EPA 3510								
Acenaphthene	**0.28**	ug/L	0.032	0.0064	1	09/11/17 08:09	09/11/17 13:42	83-32-9	
Acenaphthylene	**0.021J**	ug/L	0.026	0.0052	1	09/11/17 08:09	09/11/17 13:42	208-96-8	
Anthracene	**0.21**	ug/L	0.055	0.011	1	09/11/17 08:09	09/11/17 13:42	120-12-7	
Benzo(a)anthracene	**0.094**	ug/L	0.040	0.0079	1	09/11/17 08:09	09/11/17 13:42	56-55-3	
Benzo(a)pyrene	**0.085**	ug/L	0.055	0.011	1	09/11/17 08:09	09/11/17 13:42	50-32-8	
Benzo(b)fluoranthene	**0.11**	ug/L	0.030	0.0060	1	09/11/17 08:09	09/11/17 13:42	205-99-2	
Benzo(g,h,i)perylene	**0.044**	ug/L	0.036	0.0071	1	09/11/17 08:09	09/11/17 13:42	191-24-2	
Benzo(k)fluoranthene	**0.044**	ug/L	0.040	0.0079	1	09/11/17 08:09	09/11/17 13:42	207-08-9	
Chrysene	**0.091**	ug/L	0.069	0.014	1	09/11/17 08:09	09/11/17 13:42	218-01-9	
Dibenz(a,h)anthracene	**0.015J**	ug/L	0.053	0.011	1	09/11/17 08:09	09/11/17 13:42	53-70-3	
Fluoranthene	**0.30**	ug/L	0.056	0.011	1	09/11/17 08:09	09/11/17 13:42	206-44-0	L1
Fluorene	**0.41**	ug/L	0.042	0.0084	1	09/11/17 08:09	09/11/17 13:42	86-73-7	
Indeno(1,2,3-cd)pyrene	**0.050J**	ug/L	0.093	0.019	1	09/11/17 08:09	09/11/17 13:42	193-39-5	
1-Methylnaphthalene	**0.24**	ug/L	0.031	0.0062	1	09/11/17 08:09	09/11/17 13:42	90-12-0	
2-Methylnaphthalene	**0.26**	ug/L	0.026	0.0052	1	09/11/17 08:09	09/11/17 13:42	91-57-6	
Naphthalene	**1.2**	ug/L	0.096	0.019	1	09/11/17 08:09	09/11/17 13:42	91-20-3	
Phenanthrene	**0.75**	ug/L	0.073	0.015	1	09/11/17 08:09	09/11/17 13:42	85-01-8	
Pyrene	**0.23**	ug/L	0.040	0.0081	1	09/11/17 08:09	09/11/17 13:42	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	59	%	35-84		1	09/11/17 08:09	09/11/17 13:42	321-60-8	
Terphenyl-d14 (S)	69	%	10-129		1	09/11/17 08:09	09/11/17 13:42	1718-51-0	
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 18:22	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		09/11/17 18:22	108-86-1	
Bromochloromethane	**<0.34**	ug/L	1.0	0.34	1		09/11/17 18:22	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		09/11/17 18:22	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		09/11/17 18:22	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		09/11/17 18:22	74-83-9	
n-Butylbenzene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 18:22	104-51-8	
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		09/11/17 18:22	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		09/11/17 18:22	98-06-6	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		09/11/17 18:22	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 18:22	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		09/11/17 18:22	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		09/11/17 18:22	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		09/11/17 18:22	74-87-3	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 18:22	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		09/11/17 18:22	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		09/11/17 18:22	96-12-8	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		09/11/17 18:22	124-48-1	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		09/11/17 18:22	106-93-4	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		09/11/17 18:22	74-95-3	

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1241 Bellevue Street - Suite 9
Green Bay, WI 54302
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ANALYTICAL RESULTS

Project: 0403363
Pace Project No.: 40156346

Sample: SB-54 **Lab ID: 40156346001** Collected: 09/07/17 10:25 Received: 09/08/17 09:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 18:22	95-50-1	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 18:22	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 18:22	106-46-7	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		09/11/17 18:22	75-71-8	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		09/11/17 18:22	75-34-3	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		09/11/17 18:22	107-06-2	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		09/11/17 18:22	75-35-4	
cis-1,2-Dichloroethene	**1.1**	ug/L	1.0	0.26	1		09/11/17 18:22	156-59-2	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		09/11/17 18:22	156-60-5	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		09/11/17 18:22	78-87-5	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		09/11/17 18:22	142-28-9	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		09/11/17 18:22	594-20-7	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		09/11/17 18:22	563-58-6	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 18:22	10061-01-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		09/11/17 18:22	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		09/11/17 18:22	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 18:22	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		09/11/17 18:22	87-68-3	
Isopropylbenzene (Cumene)	**<0.14**	ug/L	1.0	0.14	1		09/11/17 18:22	98-82-8	
p-Isopropyltoluene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 18:22	99-87-6	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		09/11/17 18:22	75-09-2	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		09/11/17 18:22	1634-04-4	
Naphthalene	**2.6J**	ug/L	5.0	2.5	1		09/11/17 18:22	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 18:22	103-65-1	
Styrene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 18:22	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		09/11/17 18:22	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.25**	ug/L	1.0	0.25	1		09/11/17 18:22	79-34-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 18:22	127-18-4	
Toluene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 18:22	108-88-3	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		09/11/17 18:22	87-61-6	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		09/11/17 18:22	120-82-1	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		09/11/17 18:22	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		09/11/17 18:22	79-00-5	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		09/11/17 18:22	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		09/11/17 18:22	75-69-4	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		09/11/17 18:22	96-18-4	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 18:22	95-63-6	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 18:22	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		09/11/17 18:22	75-01-4	
m&p-Xylene	**<1.0**	ug/L	2.0	1.0	1		09/11/17 18:22	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 18:22	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	87	%	61-130		1		09/11/17 18:22	460-00-4	pH
Dibromofluoromethane (S)	107	%	67-130		1		09/11/17 18:22	1868-53-7	
Toluene-d8 (S)	100	%	70-130		1		09/11/17 18:22	2037-26-5	

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ANALYTICAL RESULTS

Project: 0403363
Pace Project No.: 40156346

Sample: SB-55 **Lab ID: 40156346002** Collected: 09/07/17 11:05 Received: 09/08/17 09:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Lead	**956**	ug/L	65.0	21.6	5	09/11/17 10:24	09/12/17 12:24	7439-92-1	
8270 MSSV PAH by HVI	Analytical Method: EPA 8270 by HVI Preparation Method: EPA 3510								
Acenaphthene	**0.016J**	ug/L	0.030	0.0060	1	09/11/17 08:09	09/11/17 14:01	83-32-9	
Acenaphthylene	**<0.0049**	ug/L	0.025	0.0049	1	09/11/17 08:09	09/11/17 14:01	208-96-8	
Anthracene	**<0.010**	ug/L	0.052	0.010	1	09/11/17 08:09	09/11/17 14:01	120-12-7	
Benzo(a)anthracene	**0.018J**	ug/L	0.037	0.0075	1	09/11/17 08:09	09/11/17 14:01	56-55-3	
Benzo(a)pyrene	**0.012J**	ug/L	0.052	0.010	1	09/11/17 08:09	09/11/17 14:01	50-32-8	
Benzo(b)fluoranthene	**0.016J**	ug/L	0.028	0.0057	1	09/11/17 08:09	09/11/17 14:01	205-99-2	
Benzo(g,h,i)perylene	**0.010J**	ug/L	0.034	0.0067	1	09/11/17 08:09	09/11/17 14:01	191-24-2	
Benzo(k)fluoranthene	**<0.0075**	ug/L	0.037	0.0075	1	09/11/17 08:09	09/11/17 14:01	207-08-9	
Chrysene	**0.015J**	ug/L	0.065	0.013	1	09/11/17 08:09	09/11/17 14:01	218-01-9	
Dibenz(a,h)anthracene	**<0.0099**	ug/L	0.050	0.0099	1	09/11/17 08:09	09/11/17 14:01	53-70-3	
Fluoranthene	**0.034J**	ug/L	0.053	0.011	1	09/11/17 08:09	09/11/17 14:01	206-44-0	L1
Fluorene	**0.011J**	ug/L	0.039	0.0079	1	09/11/17 08:09	09/11/17 14:01	86-73-7	
Indeno(1,2,3-cd)pyrene	**<0.017**	ug/L	0.087	0.017	1	09/11/17 08:09	09/11/17 14:01	193-39-5	
1-Methylnaphthalene	**1.6**	ug/L	0.029	0.0058	1	09/11/17 08:09	09/11/17 14:01	90-12-0	
2-Methylnaphthalene	**2.1**	ug/L	0.024	0.0049	1	09/11/17 08:09	09/11/17 14:01	91-57-6	
Naphthalene	**17.2**	ug/L	0.091	0.018	1	09/11/17 08:09	09/11/17 14:01	91-20-3	
Phenanthrene	**0.034J**	ug/L	0.068	0.014	1	09/11/17 08:09	09/11/17 14:01	85-01-8	
Pyrene	**0.032J**	ug/L	0.038	0.0076	1	09/11/17 08:09	09/11/17 14:01	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	53	%	35-84		1	09/11/17 08:09	09/11/17 14:01	321-60-8	
Terphenyl-d14 (S)	54	%	10-129		1	09/11/17 08:09	09/11/17 14:01	1718-51-0	
8260 MSV	Analytical Method: EPA 8260								
Benzene	**36.6**	ug/L	1.0	0.50	1		09/12/17 07:46	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		09/12/17 07:46	108-86-1	
Bromochloromethane	**<0.34**	ug/L	1.0	0.34	1		09/12/17 07:46	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		09/12/17 07:46	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		09/12/17 07:46	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		09/12/17 07:46	74-83-9	
n-Butylbenzene	**1.1**	ug/L	1.0	0.50	1		09/12/17 07:46	104-51-8	
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		09/12/17 07:46	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		09/12/17 07:46	98-06-6	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		09/12/17 07:46	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		09/12/17 07:46	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		09/12/17 07:46	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		09/12/17 07:46	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		09/12/17 07:46	74-87-3	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		09/12/17 07:46	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		09/12/17 07:46	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		09/12/17 07:46	96-12-8	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		09/12/17 07:46	124-48-1	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		09/12/17 07:46	106-93-4	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		09/12/17 07:46	74-95-3	

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ANALYTICAL RESULTS

Project: 0403363
Pace Project No.: 40156346

Sample: SB-55 **Lab ID: 40156346002** Collected: 09/07/17 11:05 Received: 09/08/17 09:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		09/12/17 07:46	95-50-1	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		09/12/17 07:46	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		09/12/17 07:46	106-46-7	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		09/12/17 07:46	75-71-8	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		09/12/17 07:46	75-34-3	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		09/12/17 07:46	107-06-2	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		09/12/17 07:46	75-35-4	
cis-1,2-Dichloroethene	**2.4**	ug/L	1.0	0.26	1		09/12/17 07:46	156-59-2	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		09/12/17 07:46	156-60-5	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		09/12/17 07:46	78-87-5	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		09/12/17 07:46	142-28-9	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		09/12/17 07:46	594-20-7	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		09/12/17 07:46	563-58-6	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		09/12/17 07:46	10061-01-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		09/12/17 07:46	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		09/12/17 07:46	108-20-3	
Ethylbenzene	**2.9**	ug/L	1.0	0.50	1		09/12/17 07:46	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		09/12/17 07:46	87-68-3	
Isopropylbenzene (Cumene)	**3.7**	ug/L	1.0	0.14	1		09/12/17 07:46	98-82-8	
p-Isopropyltoluene	**<0.50**	ug/L	1.0	0.50	1		09/12/17 07:46	99-87-6	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		09/12/17 07:46	75-09-2	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		09/12/17 07:46	1634-04-4	
Naphthalene	**32.8**	ug/L	5.0	2.5	1		09/12/17 07:46	91-20-3	
n-Propylbenzene	**10.1**	ug/L	1.0	0.50	1		09/12/17 07:46	103-65-1	
Styrene	**<0.50**	ug/L	1.0	0.50	1		09/12/17 07:46	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		09/12/17 07:46	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.25**	ug/L	1.0	0.25	1		09/12/17 07:46	79-34-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		09/12/17 07:46	127-18-4	
Toluene	**1.3**	ug/L	1.0	0.50	1		09/12/17 07:46	108-88-3	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		09/12/17 07:46	87-61-6	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		09/12/17 07:46	120-82-1	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		09/12/17 07:46	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		09/12/17 07:46	79-00-5	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		09/12/17 07:46	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		09/12/17 07:46	75-69-4	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		09/12/17 07:46	96-18-4	
1,2,4-Trimethylbenzene	**1.0**	ug/L	1.0	0.50	1		09/12/17 07:46	95-63-6	
1,3,5-Trimethylbenzene	**0.60J**	ug/L	1.0	0.50	1		09/12/17 07:46	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		09/12/17 07:46	75-01-4	
m&p-Xylene	**6.6**	ug/L	2.0	1.0	1		09/12/17 07:46	179601-23-1	
o-Xylene	**0.61J**	ug/L	1.0	0.50	1		09/12/17 07:46	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	93	%	61-130		1		09/12/17 07:46	460-00-4	pH
Dibromofluoromethane (S)	106	%	67-130		1		09/12/17 07:46	1868-53-7	
Toluene-d8 (S)	101	%	70-130		1		09/12/17 07:46	2037-26-5	

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ANALYTICAL RESULTS

Project: 0403363
Pace Project No.: 40156346

Sample: SB-56 **Lab ID: 40156346003** Collected: 09/07/17 11:36 Received: 09/08/17 09:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Lead	**19.7**	ug/L	13.0	4.3	1	09/11/17 10:24	09/12/17 12:14	7439-92-1	
8270 MSSV PAH by HVI	Analytical Method: EPA 8270 by HVI Preparation Method: EPA 3510								
Acenaphthene	**0.049**	ug/L	0.028	0.0057	1	09/11/17 08:09	09/11/17 14:19	83-32-9	
Acenaphthylene	**<0.0047**	ug/L	0.023	0.0047	1	09/11/17 08:09	09/11/17 14:19	208-96-8	
Anthracene	**<0.0098**	ug/L	0.049	0.0098	1	09/11/17 08:09	09/11/17 14:19	120-12-7	
Benzo(a)anthracene	**0.011J**	ug/L	0.035	0.0071	1	09/11/17 08:09	09/11/17 14:19	56-55-3	
Benzo(a)pyrene	**<0.0098**	ug/L	0.049	0.0098	1	09/11/17 08:09	09/11/17 14:19	50-32-8	
Benzo(b)fluoranthene	**0.0090J**	ug/L	0.027	0.0054	1	09/11/17 08:09	09/11/17 14:19	205-99-2	
Benzo(g,h,i)perylene	**<0.0063**	ug/L	0.032	0.0063	1	09/11/17 08:09	09/11/17 14:19	191-24-2	
Benzo(k)fluoranthene	**<0.0071**	ug/L	0.035	0.0071	1	09/11/17 08:09	09/11/17 14:19	207-08-9	
Chrysene	**<0.012**	ug/L	0.061	0.012	1	09/11/17 08:09	09/11/17 14:19	218-01-9	
Dibenz(a,h)anthracene	**<0.0094**	ug/L	0.047	0.0094	1	09/11/17 08:09	09/11/17 14:19	53-70-3	
Fluoranthene	**0.028J**	ug/L	0.050	0.010	1	09/11/17 08:09	09/11/17 14:19	206-44-0	L1
Fluorene	**0.016J**	ug/L	0.037	0.0074	1	09/11/17 08:09	09/11/17 14:19	86-73-7	
Indeno(1,2,3-cd)pyrene	**<0.016**	ug/L	0.082	0.016	1	09/11/17 08:09	09/11/17 14:19	193-39-5	
1-Methylnaphthalene	**0.025J**	ug/L	0.028	0.0055	1	09/11/17 08:09	09/11/17 14:19	90-12-0	
2-Methylnaphthalene	**0.032**	ug/L	0.023	0.0046	1	09/11/17 08:09	09/11/17 14:19	91-57-6	
Naphthalene	**0.042J**	ug/L	0.086	0.017	1	09/11/17 08:09	09/11/17 14:19	91-20-3	
Phenanthrene	**0.038J**	ug/L	0.064	0.013	1	09/11/17 08:09	09/11/17 14:19	85-01-8	
Pyrene	**0.022J**	ug/L	0.036	0.0071	1	09/11/17 08:09	09/11/17 14:19	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	54	%	35-84		1	09/11/17 08:09	09/11/17 14:19	321-60-8	
Terphenyl-d14 (S)	57	%	10-129		1	09/11/17 08:09	09/11/17 14:19	1718-51-0	
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 18:44	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		09/11/17 18:44	108-86-1	
Bromochloromethane	**<0.34**	ug/L	1.0	0.34	1		09/11/17 18:44	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		09/11/17 18:44	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		09/11/17 18:44	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		09/11/17 18:44	74-83-9	
n-Butylbenzene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 18:44	104-51-8	
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		09/11/17 18:44	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		09/11/17 18:44	98-06-6	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		09/11/17 18:44	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 18:44	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		09/11/17 18:44	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		09/11/17 18:44	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		09/11/17 18:44	74-87-3	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 18:44	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		09/11/17 18:44	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		09/11/17 18:44	96-12-8	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		09/11/17 18:44	124-48-1	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		09/11/17 18:44	106-93-4	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		09/11/17 18:44	74-95-3	

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ANALYTICAL RESULTS

Project: 0403363
Pace Project No.: 40156346

Sample: SB-56 **Lab ID: 40156346003** Collected: 09/07/17 11:36 Received: 09/08/17 09:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 18:44	95-50-1	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 18:44	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 18:44	106-46-7	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		09/11/17 18:44	75-71-8	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		09/11/17 18:44	75-34-3	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		09/11/17 18:44	107-06-2	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		09/11/17 18:44	75-35-4	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		09/11/17 18:44	156-59-2	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		09/11/17 18:44	156-60-5	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		09/11/17 18:44	78-87-5	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		09/11/17 18:44	142-28-9	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		09/11/17 18:44	594-20-7	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		09/11/17 18:44	563-58-6	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 18:44	10061-01-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		09/11/17 18:44	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		09/11/17 18:44	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 18:44	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		09/11/17 18:44	87-68-3	
Isopropylbenzene (Cumene)	**<0.14**	ug/L	1.0	0.14	1		09/11/17 18:44	98-82-8	
p-Isopropyltoluene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 18:44	99-87-6	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		09/11/17 18:44	75-09-2	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		09/11/17 18:44	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		09/11/17 18:44	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 18:44	103-65-1	
Styrene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 18:44	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		09/11/17 18:44	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.25**	ug/L	1.0	0.25	1		09/11/17 18:44	79-34-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 18:44	127-18-4	
Toluene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 18:44	108-88-3	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		09/11/17 18:44	87-61-6	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		09/11/17 18:44	120-82-1	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		09/11/17 18:44	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		09/11/17 18:44	79-00-5	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		09/11/17 18:44	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		09/11/17 18:44	75-69-4	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		09/11/17 18:44	96-18-4	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 18:44	95-63-6	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 18:44	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		09/11/17 18:44	75-01-4	
m&p-Xylene	**<1.0**	ug/L	2.0	1.0	1		09/11/17 18:44	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 18:44	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	85	%	61-130		1		09/11/17 18:44	460-00-4	
Dibromofluoromethane (S)	105	%	67-130		1		09/11/17 18:44	1868-53-7	
Toluene-d8 (S)	101	%	70-130		1		09/11/17 18:44	2037-26-5	

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ANALYTICAL RESULTS

Project: 0403363
Pace Project No.: 40156346

Sample: SB-57 **Lab ID: 40156346004** Collected: 09/07/17 13:15 Received: 09/08/17 09:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Lead	**154**	ug/L	13.0	4.3	1	09/11/17 10:24	09/12/17 12:27	7439-92-1	
8270 MSSV PAH by HVI	Analytical Method: EPA 8270 by HVI Preparation Method: EPA 3510								
Acenaphthene	**0.023J**	ug/L	0.029	0.0058	1	09/11/17 08:09	09/11/17 14:38	83-32-9	
Acenaphthylene	**<0.0048**	ug/L	0.024	0.0048	1	09/11/17 08:09	09/11/17 14:38	208-96-8	
Anthracene	**<0.010**	ug/L	0.050	0.010	1	09/11/17 08:09	09/11/17 14:38	120-12-7	
Benzo(a)anthracene	**0.023J**	ug/L	0.036	0.0073	1	09/11/17 08:09	09/11/17 14:38	56-55-3	
Benzo(a)pyrene	**0.019J**	ug/L	0.051	0.010	1	09/11/17 08:09	09/11/17 14:38	50-32-8	
Benzo(b)fluoranthene	**0.023J**	ug/L	0.028	0.0055	1	09/11/17 08:09	09/11/17 14:38	205-99-2	
Benzo(g,h,i)perylene	**0.013J**	ug/L	0.033	0.0065	1	09/11/17 08:09	09/11/17 14:38	191-24-2	
Benzo(k)fluoranthene	**0.011J**	ug/L	0.036	0.0073	1	09/11/17 08:09	09/11/17 14:38	207-08-9	
Chrysene	**0.021J**	ug/L	0.063	0.013	1	09/11/17 08:09	09/11/17 14:38	218-01-9	
Dibenz(a,h)anthracene	**<0.0096**	ug/L	0.048	0.0096	1	09/11/17 08:09	09/11/17 14:38	53-70-3	
Fluoranthene	**0.038J**	ug/L	0.051	0.010	1	09/11/17 08:09	09/11/17 14:38	206-44-0	L1
Fluorene	**0.010J**	ug/L	0.038	0.0077	1	09/11/17 08:09	09/11/17 14:38	86-73-7	
Indeno(1,2,3-cd)pyrene	**<0.017**	ug/L	0.085	0.017	1	09/11/17 08:09	09/11/17 14:38	193-39-5	
1-Methylnaphthalene	**0.014J**	ug/L	0.028	0.0057	1	09/11/17 08:09	09/11/17 14:38	90-12-0	
2-Methylnaphthalene	**0.014J**	ug/L	0.024	0.0047	1	09/11/17 08:09	09/11/17 14:38	91-57-6	
Naphthalene	**0.030J**	ug/L	0.088	0.018	1	09/11/17 08:09	09/11/17 14:38	91-20-3	
Phenanthrene	**0.033J**	ug/L	0.066	0.013	1	09/11/17 08:09	09/11/17 14:38	85-01-8	
Pyrene	**0.041**	ug/L	0.037	0.0074	1	09/11/17 08:09	09/11/17 14:38	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	43	%	35-84		1	09/11/17 08:09	09/11/17 14:38	321-60-8	
Terphenyl-d14 (S)	27	%	10-129		1	09/11/17 08:09	09/11/17 14:38	1718-51-0	
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<0.50**	ug/L	1.0	0.50	1		09/12/17 08:08	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		09/12/17 08:08	108-86-1	
Bromochloromethane	**<0.34**	ug/L	1.0	0.34	1		09/12/17 08:08	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		09/12/17 08:08	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		09/12/17 08:08	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		09/12/17 08:08	74-83-9	
n-Butylbenzene	**<0.50**	ug/L	1.0	0.50	1		09/12/17 08:08	104-51-8	
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		09/12/17 08:08	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		09/12/17 08:08	98-06-6	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		09/12/17 08:08	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		09/12/17 08:08	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		09/12/17 08:08	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		09/12/17 08:08	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		09/12/17 08:08	74-87-3	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		09/12/17 08:08	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		09/12/17 08:08	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		09/12/17 08:08	96-12-8	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		09/12/17 08:08	124-48-1	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		09/12/17 08:08	106-93-4	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		09/12/17 08:08	74-95-3	

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ANALYTICAL RESULTS

Project: 0403363
Pace Project No.: 40156346

Sample: SB-57 **Lab ID: 40156346004** Collected: 09/07/17 13:15 Received: 09/08/17 09:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		09/12/17 08:08	95-50-1	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		09/12/17 08:08	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		09/12/17 08:08	106-46-7	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		09/12/17 08:08	75-71-8	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		09/12/17 08:08	75-34-3	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		09/12/17 08:08	107-06-2	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		09/12/17 08:08	75-35-4	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		09/12/17 08:08	156-59-2	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		09/12/17 08:08	156-60-5	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		09/12/17 08:08	78-87-5	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		09/12/17 08:08	142-28-9	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		09/12/17 08:08	594-20-7	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		09/12/17 08:08	563-58-6	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		09/12/17 08:08	10061-01-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		09/12/17 08:08	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		09/12/17 08:08	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		09/12/17 08:08	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		09/12/17 08:08	87-68-3	
Isopropylbenzene (Cumene)	**<0.14**	ug/L	1.0	0.14	1		09/12/17 08:08	98-82-8	
p-Isopropyltoluene	**<0.50**	ug/L	1.0	0.50	1		09/12/17 08:08	99-87-6	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		09/12/17 08:08	75-09-2	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		09/12/17 08:08	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		09/12/17 08:08	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		09/12/17 08:08	103-65-1	
Styrene	**<0.50**	ug/L	1.0	0.50	1		09/12/17 08:08	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		09/12/17 08:08	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.25**	ug/L	1.0	0.25	1		09/12/17 08:08	79-34-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		09/12/17 08:08	127-18-4	
Toluene	**<0.50**	ug/L	1.0	0.50	1		09/12/17 08:08	108-88-3	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		09/12/17 08:08	87-61-6	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		09/12/17 08:08	120-82-1	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		09/12/17 08:08	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		09/12/17 08:08	79-00-5	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		09/12/17 08:08	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		09/12/17 08:08	75-69-4	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		09/12/17 08:08	96-18-4	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		09/12/17 08:08	95-63-6	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		09/12/17 08:08	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		09/12/17 08:08	75-01-4	
m&p-Xylene	**<1.0**	ug/L	2.0	1.0	1		09/12/17 08:08	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		09/12/17 08:08	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	89	%	61-130		1		09/12/17 08:08	460-00-4	
Dibromofluoromethane (S)	107	%	67-130		1		09/12/17 08:08	1868-53-7	
Toluene-d8 (S)	101	%	70-130		1		09/12/17 08:08	2037-26-5	

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ANALYTICAL RESULTS

Project: 0403363
Pace Project No.: 40156346

Sample: SB-58 **Lab ID: 40156346005** Collected: 09/07/17 13:50 Received: 09/08/17 09:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Lead	**130**	ug/L	13.0	4.3	1	09/11/17 10:24	09/12/17 12:34	7439-92-1	
8270 MSSV PAH by HVI	Analytical Method: EPA 8270 by HVI Preparation Method: EPA 3510								
Acenaphthene	**0.013J**	ug/L	0.029	0.0057	1	09/11/17 08:09	09/11/17 14:56	83-32-9	
Acenaphthylene	**<0.0047**	ug/L	0.023	0.0047	1	09/11/17 08:09	09/11/17 14:56	208-96-8	
Anthracene	**<0.0099**	ug/L	0.049	0.0099	1	09/11/17 08:09	09/11/17 14:56	120-12-7	
Benzo(a)anthracene	**<0.0071**	ug/L	0.036	0.0071	1	09/11/17 08:09	09/11/17 14:56	56-55-3	
Benzo(a)pyrene	**<0.0099**	ug/L	0.050	0.0099	1	09/11/17 08:09	09/11/17 14:56	50-32-8	
Benzo(b)fluoranthene	**<0.0054**	ug/L	0.027	0.0054	1	09/11/17 08:09	09/11/17 14:56	205-99-2	
Benzo(g,h,i)perylene	**<0.0064**	ug/L	0.032	0.0064	1	09/11/17 08:09	09/11/17 14:56	191-24-2	
Benzo(k)fluoranthene	**<0.0071**	ug/L	0.036	0.0071	1	09/11/17 08:09	09/11/17 14:56	207-08-9	
Chrysene	**<0.012**	ug/L	0.062	0.012	1	09/11/17 08:09	09/11/17 14:56	218-01-9	
Dibenz(a,h)anthracene	**<0.0095**	ug/L	0.047	0.0095	1	09/11/17 08:09	09/11/17 14:56	53-70-3	
Fluoranthene	**0.012J**	ug/L	0.050	0.010	1	09/11/17 08:09	09/11/17 14:56	206-44-0	L1
Fluorene	**<0.0075**	ug/L	0.038	0.0075	1	09/11/17 08:09	09/11/17 14:56	86-73-7	
Indeno(1,2,3-cd)pyrene	**<0.017**	ug/L	0.083	0.017	1	09/11/17 08:09	09/11/17 14:56	193-39-5	
1-Methylnaphthalene	**0.012J**	ug/L	0.028	0.0056	1	09/11/17 08:09	09/11/17 14:56	90-12-0	
2-Methylnaphthalene	**0.014J**	ug/L	0.023	0.0046	1	09/11/17 08:09	09/11/17 14:56	91-57-6	
Naphthalene	**0.028J**	ug/L	0.086	0.017	1	09/11/17 08:09	09/11/17 14:56	91-20-3	
Phenanthrene	**0.024J**	ug/L	0.065	0.013	1	09/11/17 08:09	09/11/17 14:56	85-01-8	
Pyrene	**0.0082J**	ug/L	0.036	0.0072	1	09/11/17 08:09	09/11/17 14:56	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	46	%	35-84		1	09/11/17 08:09	09/11/17 14:56	321-60-8	
Terphenyl-d14 (S)	47	%	10-129		1	09/11/17 08:09	09/11/17 14:56	1718-51-0	
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 18:00	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		09/11/17 18:00	108-86-1	
Bromochloromethane	**<0.34**	ug/L	1.0	0.34	1		09/11/17 18:00	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		09/11/17 18:00	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		09/11/17 18:00	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		09/11/17 18:00	74-83-9	
n-Butylbenzene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 18:00	104-51-8	
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		09/11/17 18:00	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		09/11/17 18:00	98-06-6	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		09/11/17 18:00	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 18:00	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		09/11/17 18:00	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		09/11/17 18:00	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		09/11/17 18:00	74-87-3	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 18:00	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		09/11/17 18:00	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		09/11/17 18:00	96-12-8	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		09/11/17 18:00	124-48-1	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		09/11/17 18:00	106-93-4	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		09/11/17 18:00	74-95-3	

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Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 0403363
Pace Project No.: 40156346

Sample: SB-58 **Lab ID: 40156346005** Collected: 09/07/17 13:50 Received: 09/08/17 09:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 18:00	95-50-1	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 18:00	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 18:00	106-46-7	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		09/11/17 18:00	75-71-8	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		09/11/17 18:00	75-34-3	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		09/11/17 18:00	107-06-2	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		09/11/17 18:00	75-35-4	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		09/11/17 18:00	156-59-2	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		09/11/17 18:00	156-60-5	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		09/11/17 18:00	78-87-5	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		09/11/17 18:00	142-28-9	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		09/11/17 18:00	594-20-7	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		09/11/17 18:00	563-58-6	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 18:00	10061-01-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		09/11/17 18:00	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		09/11/17 18:00	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 18:00	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		09/11/17 18:00	87-68-3	
Isopropylbenzene (Cumene)	**<0.14**	ug/L	1.0	0.14	1		09/11/17 18:00	98-82-8	
p-Isopropyltoluene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 18:00	99-87-6	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		09/11/17 18:00	75-09-2	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		09/11/17 18:00	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		09/11/17 18:00	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 18:00	103-65-1	
Styrene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 18:00	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		09/11/17 18:00	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.25**	ug/L	1.0	0.25	1		09/11/17 18:00	79-34-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 18:00	127-18-4	
Toluene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 18:00	108-88-3	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		09/11/17 18:00	87-61-6	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		09/11/17 18:00	120-82-1	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		09/11/17 18:00	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		09/11/17 18:00	79-00-5	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		09/11/17 18:00	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		09/11/17 18:00	75-69-4	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		09/11/17 18:00	96-18-4	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 18:00	95-63-6	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 18:00	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		09/11/17 18:00	75-01-4	
m&p-Xylene	**<1.0**	ug/L	2.0	1.0	1		09/11/17 18:00	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 18:00	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	84	%	61-130		1		09/11/17 18:00	460-00-4	
Dibromofluoromethane (S)	105	%	67-130		1		09/11/17 18:00	1868-53-7	
Toluene-d8 (S)	99	%	70-130		1		09/11/17 18:00	2037-26-5	

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ANALYTICAL RESULTS

Project: 0403363
Pace Project No.: 40156346

Sample: SB-59 **Lab ID: 40156346006** Collected: 09/07/17 14:10 Received: 09/08/17 09:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Lead	**163**	ug/L	13.0	4.3	1	09/11/17 10:24	09/12/17 12:37	7439-92-1	
8270 MSSV PAH by HVI	Analytical Method: EPA 8270 by HVI Preparation Method: EPA 3510								
Acenaphthene	**0.21J**	ug/L	0.84	0.17	30	09/11/17 08:09	09/11/17 18:37	83-32-9	
Acenaphthylene	**<0.14**	ug/L	0.69	0.14	30	09/11/17 08:09	09/11/17 18:37	208-96-8	
Anthracene	**<0.29**	ug/L	1.5	0.29	30	09/11/17 08:09	09/11/17 18:37	120-12-7	
Benzo(a)anthracene	**<0.21**	ug/L	1.0	0.21	30	09/11/17 08:09	09/11/17 18:37	56-55-3	
Benzo(a)pyrene	**<0.29**	ug/L	1.5	0.29	30	09/11/17 08:09	09/11/17 18:37	50-32-8	
Benzo(b)fluoranthene	**<0.16**	ug/L	0.80	0.16	30	09/11/17 08:09	09/11/17 18:37	205-99-2	
Benzo(g,h,i)perylene	**<0.19**	ug/L	0.94	0.19	30	09/11/17 08:09	09/11/17 18:37	191-24-2	
Benzo(k)fluoranthene	**<0.21**	ug/L	1.0	0.21	30	09/11/17 08:09	09/11/17 18:37	207-08-9	
Chrysene	**<0.36**	ug/L	1.8	0.36	30	09/11/17 08:09	09/11/17 18:37	218-01-9	
Dibenz(a,h)anthracene	**<0.28**	ug/L	1.4	0.28	30	09/11/17 08:09	09/11/17 18:37	53-70-3	
Fluoranthene	**<0.30**	ug/L	1.5	0.30	30	09/11/17 08:09	09/11/17 18:37	206-44-0	L1
Fluorene	**<0.22**	ug/L	1.1	0.22	30	09/11/17 08:09	09/11/17 18:37	86-73-7	
Indeno(1,2,3-cd)pyrene	**<0.49**	ug/L	2.4	0.49	30	09/11/17 08:09	09/11/17 18:37	193-39-5	
1-Methylnaphthalene	**41.6**	ug/L	0.82	0.16	30	09/11/17 08:09	09/11/17 18:37	90-12-0	
2-Methylnaphthalene	**74.5**	ug/L	0.68	0.14	30	09/11/17 08:09	09/11/17 18:37	91-57-6	
Naphthalene	**307**	ug/L	2.5	0.51	30	09/11/17 08:09	09/11/17 18:37	91-20-3	
Phenanthrene	**<0.38**	ug/L	1.9	0.38	30	09/11/17 08:09	09/11/17 18:37	85-01-8	
Pyrene	**<0.21**	ug/L	1.1	0.21	30	09/11/17 08:09	09/11/17 18:37	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	62	%	35-84		30	09/11/17 08:09	09/11/17 18:37	321-60-8	
Terphenyl-d14 (S)	42	%	10-129		30	09/11/17 08:09	09/11/17 18:37	1718-51-0	
8260 MSV	Analytical Method: EPA 8260								
Benzene	**6.9J**	ug/L	10.0	5.0	10		09/12/17 08:30	71-43-2	
Bromobenzene	**<2.3**	ug/L	10.0	2.3	10		09/12/17 08:30	108-86-1	
Bromochloromethane	**<3.4**	ug/L	10.0	3.4	10		09/12/17 08:30	74-97-5	
Bromodichloromethane	**<5.0**	ug/L	10.0	5.0	10		09/12/17 08:30	75-27-4	
Bromoform	**<5.0**	ug/L	10.0	5.0	10		09/12/17 08:30	75-25-2	
Bromomethane	**<24.3**	ug/L	50.0	24.3	10		09/12/17 08:30	74-83-9	
n-Butylbenzene	**24.2**	ug/L	10.0	5.0	10		09/12/17 08:30	104-51-8	
sec-Butylbenzene	**<21.9**	ug/L	50.0	21.9	10		09/12/17 08:30	135-98-8	
tert-Butylbenzene	**<1.8**	ug/L	10.0	1.8	10		09/12/17 08:30	98-06-6	
Carbon tetrachloride	**<5.0**	ug/L	10.0	5.0	10		09/12/17 08:30	56-23-5	
Chlorobenzene	**<5.0**	ug/L	10.0	5.0	10		09/12/17 08:30	108-90-7	
Chloroethane	**<3.7**	ug/L	10.0	3.7	10		09/12/17 08:30	75-00-3	
Chloroform	**<25.0**	ug/L	50.0	25.0	10		09/12/17 08:30	67-66-3	
Chloromethane	**<5.0**	ug/L	10.0	5.0	10		09/12/17 08:30	74-87-3	
2-Chlorotoluene	**<5.0**	ug/L	10.0	5.0	10		09/12/17 08:30	95-49-8	
4-Chlorotoluene	**<2.1**	ug/L	10.0	2.1	10		09/12/17 08:30	106-43-4	
1,2-Dibromo-3-chloropropane	**<21.6**	ug/L	50.0	21.6	10		09/12/17 08:30	96-12-8	
Dibromochloromethane	**<5.0**	ug/L	10.0	5.0	10		09/12/17 08:30	124-48-1	
1,2-Dibromoethane (EDB)	**<1.8**	ug/L	10.0	1.8	10		09/12/17 08:30	106-93-4	
Dibromomethane	**<4.3**	ug/L	10.0	4.3	10		09/12/17 08:30	74-95-3	

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ANALYTICAL RESULTS

Project: 0403363
Pace Project No.: 40156346

Sample: SB-59 **Lab ID: 40156346006** Collected: 09/07/17 14:10 Received: 09/08/17 09:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,2-Dichlorobenzene	**<5.0**	ug/L	10.0	5.0	10		09/12/17 08:30	95-50-1	
1,3-Dichlorobenzene	**<5.0**	ug/L	10.0	5.0	10		09/12/17 08:30	541-73-1	
1,4-Dichlorobenzene	**<5.0**	ug/L	10.0	5.0	10		09/12/17 08:30	106-46-7	
Dichlorodifluoromethane	**<2.2**	ug/L	10.0	2.2	10		09/12/17 08:30	75-71-8	
1,1-Dichloroethane	**<2.4**	ug/L	10.0	2.4	10		09/12/17 08:30	75-34-3	
1,2-Dichloroethane	**<1.7**	ug/L	10.0	1.7	10		09/12/17 08:30	107-06-2	
1,1-Dichloroethene	**<4.1**	ug/L	10.0	4.1	10		09/12/17 08:30	75-35-4	
cis-1,2-Dichloroethene	**<2.6**	ug/L	10.0	2.6	10		09/12/17 08:30	156-59-2	
trans-1,2-Dichloroethene	**<2.6**	ug/L	10.0	2.6	10		09/12/17 08:30	156-60-5	
1,2-Dichloropropane	**<2.3**	ug/L	10.0	2.3	10		09/12/17 08:30	78-87-5	
1,3-Dichloropropane	**<5.0**	ug/L	10.0	5.0	10		09/12/17 08:30	142-28-9	
2,2-Dichloropropane	**<4.8**	ug/L	10.0	4.8	10		09/12/17 08:30	594-20-7	
1,1-Dichloropropene	**<4.4**	ug/L	10.0	4.4	10		09/12/17 08:30	563-58-6	
cis-1,3-Dichloropropene	**<5.0**	ug/L	10.0	5.0	10		09/12/17 08:30	10061-01-5	
trans-1,3-Dichloropropene	**<2.3**	ug/L	10.0	2.3	10		09/12/17 08:30	10061-02-6	
Diisopropyl ether	**<5.0**	ug/L	10.0	5.0	10		09/12/17 08:30	108-20-3	
Ethylbenzene	**172**	ug/L	10.0	5.0	10		09/12/17 08:30	100-41-4	
Hexachloro-1,3-butadiene	**<21.1**	ug/L	50.0	21.1	10		09/12/17 08:30	87-68-3	
Isopropylbenzene (Cumene)	**96.2**	ug/L	10.0	1.4	10		09/12/17 08:30	98-82-8	
p-Isopropyltoluene	**7.6J**	ug/L	10.0	5.0	10		09/12/17 08:30	99-87-6	
Methylene Chloride	**<2.3**	ug/L	10.0	2.3	10		09/12/17 08:30	75-09-2	
Methyl-tert-butyl ether	**<1.7**	ug/L	10.0	1.7	10		09/12/17 08:30	1634-04-4	
Naphthalene	**486**	ug/L	50.0	25.0	10		09/12/17 08:30	91-20-3	
n-Propylbenzene	**304**	ug/L	10.0	5.0	10		09/12/17 08:30	103-65-1	
Styrene	**<5.0**	ug/L	10.0	5.0	10		09/12/17 08:30	100-42-5	
1,1,1,2-Tetrachloroethane	**<1.8**	ug/L	10.0	1.8	10		09/12/17 08:30	630-20-6	
1,1,2,2-Tetrachloroethane	**<2.5**	ug/L	10.0	2.5	10		09/12/17 08:30	79-34-5	
Tetrachloroethene	**<5.0**	ug/L	10.0	5.0	10		09/12/17 08:30	127-18-4	
Toluene	**13.3**	ug/L	10.0	5.0	10		09/12/17 08:30	108-88-3	
1,2,3-Trichlorobenzene	**<21.3**	ug/L	50.0	21.3	10		09/12/17 08:30	87-61-6	
1,2,4-Trichlorobenzene	**<22.1**	ug/L	50.0	22.1	10		09/12/17 08:30	120-82-1	
1,1,1-Trichloroethane	**<5.0**	ug/L	10.0	5.0	10		09/12/17 08:30	71-55-6	
1,1,2-Trichloroethane	**<2.0**	ug/L	10.0	2.0	10		09/12/17 08:30	79-00-5	
Trichloroethene	**<3.3**	ug/L	10.0	3.3	10		09/12/17 08:30	79-01-6	
Trichlorofluoromethane	**<1.8**	ug/L	10.0	1.8	10		09/12/17 08:30	75-69-4	
1,2,3-Trichloropropane	**<5.0**	ug/L	10.0	5.0	10		09/12/17 08:30	96-18-4	
1,2,4-Trimethylbenzene	**<5.0**	ug/L	10.0	5.0	10		09/12/17 08:30	95-63-6	
1,3,5-Trimethylbenzene	**85.9**	ug/L	10.0	5.0	10		09/12/17 08:30	108-67-8	
Vinyl chloride	**<1.8**	ug/L	10.0	1.8	10		09/12/17 08:30	75-01-4	
m&p-Xylene	**521**	ug/L	20.0	10.0	10		09/12/17 08:30	179601-23-1	
o-Xylene	**10.1**	ug/L	10.0	5.0	10		09/12/17 08:30	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	94	%	61-130		10		09/12/17 08:30	460-00-4	
Dibromofluoromethane (S)	105	%	67-130		10		09/12/17 08:30	1868-53-7	
Toluene-d8 (S)	99	%	70-130		10		09/12/17 08:30	2037-26-5	

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Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 0403363
Pace Project No.: 40156346

Sample: SB-60 **Lab ID: 40156346007** Collected: 09/07/17 14:45 Received: 09/08/17 09:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Lead	**358**	ug/L	13.0	4.3	1	09/11/17 10:24	09/12/17 12:39	7439-92-1	
8270 MSSV PAH by HVI	Analytical Method: EPA 8270 by HVI Preparation Method: EPA 3510								
Acenaphthene	**0.032**	ug/L	0.028	0.0057	1	09/11/17 08:09	09/11/17 15:15	83-32-9	
Acenaphthylene	**<0.0047**	ug/L	0.023	0.0047	1	09/11/17 08:09	09/11/17 15:15	208-96-8	
Anthracene	**<0.0098**	ug/L	0.049	0.0098	1	09/11/17 08:09	09/11/17 15:15	120-12-7	
Benzo(a)anthracene	**0.0076J**	ug/L	0.035	0.0071	1	09/11/17 08:09	09/11/17 15:15	56-55-3	
Benzo(a)pyrene	**<0.0098**	ug/L	0.049	0.0098	1	09/11/17 08:09	09/11/17 15:15	50-32-8	
Benzo(b)fluoranthene	**<0.0054**	ug/L	0.027	0.0054	1	09/11/17 08:09	09/11/17 15:15	205-99-2	
Benzo(g,h,i)perylene	**<0.0063**	ug/L	0.032	0.0063	1	09/11/17 08:09	09/11/17 15:15	191-24-2	
Benzo(k)fluoranthene	**<0.0071**	ug/L	0.035	0.0071	1	09/11/17 08:09	09/11/17 15:15	207-08-9	
Chrysene	**<0.012**	ug/L	0.061	0.012	1	09/11/17 08:09	09/11/17 15:15	218-01-9	
Dibenz(a,h)anthracene	**<0.0094**	ug/L	0.047	0.0094	1	09/11/17 08:09	09/11/17 15:15	53-70-3	
Fluoranthene	**0.017J**	ug/L	0.050	0.010	1	09/11/17 08:09	09/11/17 15:15	206-44-0	L1
Fluorene	**0.013J**	ug/L	0.037	0.0074	1	09/11/17 08:09	09/11/17 15:15	86-73-7	
Indeno(1,2,3-cd)pyrene	**<0.016**	ug/L	0.082	0.016	1	09/11/17 08:09	09/11/17 15:15	193-39-5	
1-Methylnaphthalene	**0.38**	ug/L	0.028	0.0055	1	09/11/17 08:09	09/11/17 15:15	90-12-0	
2-Methylnaphthalene	**0.21**	ug/L	0.023	0.0046	1	09/11/17 08:09	09/11/17 15:15	91-57-6	
Naphthalene	**1.7**	ug/L	0.086	0.017	1	09/11/17 08:09	09/11/17 15:15	91-20-3	
Phenanthrene	**0.020J**	ug/L	0.064	0.013	1	09/11/17 08:09	09/11/17 15:15	85-01-8	
Pyrene	**0.013J**	ug/L	0.036	0.0071	1	09/11/17 08:09	09/11/17 15:15	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	52	%	35-84		1	09/11/17 08:09	09/11/17 15:15	321-60-8	
Terphenyl-d14 (S)	51	%	10-129		1	09/11/17 08:09	09/11/17 15:15	1718-51-0	
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 17:38	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		09/11/17 17:38	108-86-1	
Bromochloromethane	**<0.34**	ug/L	1.0	0.34	1		09/11/17 17:38	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		09/11/17 17:38	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		09/11/17 17:38	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		09/11/17 17:38	74-83-9	
n-Butylbenzene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 17:38	104-51-8	
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		09/11/17 17:38	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		09/11/17 17:38	98-06-6	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		09/11/17 17:38	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 17:38	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		09/11/17 17:38	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		09/11/17 17:38	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		09/11/17 17:38	74-87-3	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 17:38	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		09/11/17 17:38	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		09/11/17 17:38	96-12-8	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		09/11/17 17:38	124-48-1	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		09/11/17 17:38	106-93-4	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		09/11/17 17:38	74-95-3	

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ANALYTICAL RESULTS

Project: 0403363
Pace Project No.: 40156346

Sample: SB-60 **Lab ID: 40156346007** Collected: 09/07/17 14:45 Received: 09/08/17 09:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 17:38	95-50-1	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 17:38	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 17:38	106-46-7	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		09/11/17 17:38	75-71-8	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		09/11/17 17:38	75-34-3	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		09/11/17 17:38	107-06-2	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		09/11/17 17:38	75-35-4	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		09/11/17 17:38	156-59-2	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		09/11/17 17:38	156-60-5	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		09/11/17 17:38	78-87-5	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		09/11/17 17:38	142-28-9	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		09/11/17 17:38	594-20-7	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		09/11/17 17:38	563-58-6	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 17:38	10061-01-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		09/11/17 17:38	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		09/11/17 17:38	108-20-3	
Ethylbenzene	**0.99J**	ug/L	1.0	0.50	1		09/11/17 17:38	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		09/11/17 17:38	87-68-3	
Isopropylbenzene (Cumene)	**5.8**	ug/L	1.0	0.14	1		09/11/17 17:38	98-82-8	
p-Isopropyltoluene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 17:38	99-87-6	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		09/11/17 17:38	75-09-2	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		09/11/17 17:38	1634-04-4	
Naphthalene	**2.6J**	ug/L	5.0	2.5	1		09/11/17 17:38	91-20-3	
n-Propylbenzene	**15.1**	ug/L	1.0	0.50	1		09/11/17 17:38	103-65-1	
Styrene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 17:38	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		09/11/17 17:38	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.25**	ug/L	1.0	0.25	1		09/11/17 17:38	79-34-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 17:38	127-18-4	
Toluene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 17:38	108-88-3	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		09/11/17 17:38	87-61-6	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		09/11/17 17:38	120-82-1	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		09/11/17 17:38	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		09/11/17 17:38	79-00-5	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		09/11/17 17:38	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		09/11/17 17:38	75-69-4	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		09/11/17 17:38	96-18-4	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 17:38	95-63-6	
1,3,5-Trimethylbenzene	**3.3**	ug/L	1.0	0.50	1		09/11/17 17:38	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		09/11/17 17:38	75-01-4	
m&p-Xylene	**<1.0**	ug/L	2.0	1.0	1		09/11/17 17:38	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 17:38	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	94	%	61-130		1		09/11/17 17:38	460-00-4	pH
Dibromofluoromethane (S)	104	%	67-130		1		09/11/17 17:38	1868-53-7	
Toluene-d8 (S)	99	%	70-130		1		09/11/17 17:38	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 0403363
Pace Project No.: 40156346

Sample: SB-61 **Lab ID: 40156346008** Collected: 09/07/17 15:55 Received: 09/08/17 09:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Lead	**219**	ug/L	13.0	4.3	1	09/11/17 10:24	09/12/17 12:42	7439-92-1	
8270 MSSV PAH by HVI	Analytical Method: EPA 8270 by HVI Preparation Method: EPA 3510								
Acenaphthene	**0.022J**	ug/L	0.029	0.0058	1	09/11/17 08:09	09/11/17 15:33	83-32-9	
Acenaphthylene	**<0.0047**	ug/L	0.024	0.0047	1	09/11/17 08:09	09/11/17 15:33	208-96-8	
Anthracene	**0.014J**	ug/L	0.050	0.010	1	09/11/17 08:09	09/11/17 15:33	120-12-7	
Benzo(a)anthracene	**0.0074J**	ug/L	0.036	0.0072	1	09/11/17 08:09	09/11/17 15:33	56-55-3	
Benzo(a)pyrene	**<0.010**	ug/L	0.050	0.010	1	09/11/17 08:09	09/11/17 15:33	50-32-8	
Benzo(b)fluoranthene	**<0.0055**	ug/L	0.027	0.0055	1	09/11/17 08:09	09/11/17 15:33	205-99-2	
Benzo(g,h,i)perylene	**<0.0065**	ug/L	0.032	0.0065	1	09/11/17 08:09	09/11/17 15:33	191-24-2	
Benzo(k)fluoranthene	**<0.0072**	ug/L	0.036	0.0072	1	09/11/17 08:09	09/11/17 15:33	207-08-9	
Chrysene	**<0.012**	ug/L	0.062	0.012	1	09/11/17 08:09	09/11/17 15:33	218-01-9	
Dibenz(a,h)anthracene	**<0.0095**	ug/L	0.048	0.0095	1	09/11/17 08:09	09/11/17 15:33	53-70-3	
Fluoranthene	**0.020J**	ug/L	0.051	0.010	1	09/11/17 08:09	09/11/17 15:33	206-44-0	L1
Fluorene	**0.013J**	ug/L	0.038	0.0076	1	09/11/17 08:09	09/11/17 15:33	86-73-7	
Indeno(1,2,3-cd)pyrene	**<0.017**	ug/L	0.084	0.017	1	09/11/17 08:09	09/11/17 15:33	193-39-5	
1-Methylnaphthalene	**0.026J**	ug/L	0.028	0.0056	1	09/11/17 08:09	09/11/17 15:33	90-12-0	
2-Methylnaphthalene	**0.014J**	ug/L	0.023	0.0047	1	09/11/17 08:09	09/11/17 15:33	91-57-6	
Naphthalene	**1.3**	ug/L	0.087	0.017	1	09/11/17 08:09	09/11/17 15:33	91-20-3	
Phenanthrene	**0.027J**	ug/L	0.066	0.013	1	09/11/17 08:09	09/11/17 15:33	85-01-8	
Pyrene	**0.082**	ug/L	0.036	0.0073	1	09/11/17 08:09	09/11/17 15:33	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	54	%	35-84		1	09/11/17 08:09	09/11/17 15:33	321-60-8	
Terphenyl-d14 (S)	73	%	10-129		1	09/11/17 08:09	09/11/17 15:33	1718-51-0	
8260 MSV	Analytical Method: EPA 8260								
Benzene	**19.5**	ug/L	2.0	1.0	2		09/11/17 19:28	71-43-2	
Bromobenzene	**<0.46**	ug/L	2.0	0.46	2		09/11/17 19:28	108-86-1	
Bromochloromethane	**<0.68**	ug/L	2.0	0.68	2		09/11/17 19:28	74-97-5	
Bromodichloromethane	**<1.0**	ug/L	2.0	1.0	2		09/11/17 19:28	75-27-4	
Bromoform	**<1.0**	ug/L	2.0	1.0	2		09/11/17 19:28	75-25-2	
Bromomethane	**<4.9**	ug/L	10.0	4.9	2		09/11/17 19:28	74-83-9	
n-Butylbenzene	**<1.0**	ug/L	2.0	1.0	2		09/11/17 19:28	104-51-8	
sec-Butylbenzene	**<4.4**	ug/L	10.0	4.4	2		09/11/17 19:28	135-98-8	
tert-Butylbenzene	**<0.36**	ug/L	2.0	0.36	2		09/11/17 19:28	98-06-6	
Carbon tetrachloride	**<1.0**	ug/L	2.0	1.0	2		09/11/17 19:28	56-23-5	
Chlorobenzene	**<1.0**	ug/L	2.0	1.0	2		09/11/17 19:28	108-90-7	
Chloroethane	**<0.75**	ug/L	2.0	0.75	2		09/11/17 19:28	75-00-3	
Chloroform	**<5.0**	ug/L	10.0	5.0	2		09/11/17 19:28	67-66-3	
Chloromethane	**<1.0**	ug/L	2.0	1.0	2		09/11/17 19:28	74-87-3	
2-Chlorotoluene	**<1.0**	ug/L	2.0	1.0	2		09/11/17 19:28	95-49-8	
4-Chlorotoluene	**<0.43**	ug/L	2.0	0.43	2		09/11/17 19:28	106-43-4	
1,2-Dibromo-3-chloropropane	**<4.3**	ug/L	10.0	4.3	2		09/11/17 19:28	96-12-8	
Dibromochloromethane	**<1.0**	ug/L	2.0	1.0	2		09/11/17 19:28	124-48-1	
1,2-Dibromoethane (EDB)	**<0.36**	ug/L	2.0	0.36	2		09/11/17 19:28	106-93-4	
Dibromomethane	**<0.85**	ug/L	2.0	0.85	2		09/11/17 19:28	74-95-3	

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ANALYTICAL RESULTS

Project: 0403363
Pace Project No.: 40156346

Sample: SB-61 **Lab ID: 40156346008** Collected: 09/07/17 15:55 Received: 09/08/17 09:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,2-Dichlorobenzene	**<1.0**	ug/L	2.0	1.0	2		09/11/17 19:28	95-50-1	
1,3-Dichlorobenzene	**<1.0**	ug/L	2.0	1.0	2		09/11/17 19:28	541-73-1	
1,4-Dichlorobenzene	**<1.0**	ug/L	2.0	1.0	2		09/11/17 19:28	106-46-7	
Dichlorodifluoromethane	**<0.45**	ug/L	2.0	0.45	2		09/11/17 19:28	75-71-8	
1,1-Dichloroethane	**<0.48**	ug/L	2.0	0.48	2		09/11/17 19:28	75-34-3	
1,2-Dichloroethane	**<0.34**	ug/L	2.0	0.34	2		09/11/17 19:28	107-06-2	
1,1-Dichloroethene	**<0.82**	ug/L	2.0	0.82	2		09/11/17 19:28	75-35-4	
cis-1,2-Dichloroethene	**<0.51**	ug/L	2.0	0.51	2		09/11/17 19:28	156-59-2	
trans-1,2-Dichloroethene	**<0.51**	ug/L	2.0	0.51	2		09/11/17 19:28	156-60-5	
1,2-Dichloropropane	**<0.47**	ug/L	2.0	0.47	2		09/11/17 19:28	78-87-5	
1,3-Dichloropropane	**<1.0**	ug/L	2.0	1.0	2		09/11/17 19:28	142-28-9	
2,2-Dichloropropane	**<0.97**	ug/L	2.0	0.97	2		09/11/17 19:28	594-20-7	
1,1-Dichloropropene	**<0.88**	ug/L	2.0	0.88	2		09/11/17 19:28	563-58-6	
cis-1,3-Dichloropropene	**<1.0**	ug/L	2.0	1.0	2		09/11/17 19:28	10061-01-5	
trans-1,3-Dichloropropene	**<0.46**	ug/L	2.0	0.46	2		09/11/17 19:28	10061-02-6	
Diisopropyl ether	**<1.0**	ug/L	2.0	1.0	2		09/11/17 19:28	108-20-3	
Ethylbenzene	**26.0**	ug/L	2.0	1.0	2		09/11/17 19:28	100-41-4	
Hexachloro-1,3-butadiene	**<4.2**	ug/L	10.0	4.2	2		09/11/17 19:28	87-68-3	
Isopropylbenzene (Cumene)	**12.8**	ug/L	2.0	0.29	2		09/11/17 19:28	98-82-8	
p-Isopropyltoluene	**<1.0**	ug/L	2.0	1.0	2		09/11/17 19:28	99-87-6	
Methylene Chloride	**<0.47**	ug/L	2.0	0.47	2		09/11/17 19:28	75-09-2	
Methyl-tert-butyl ether	**<0.35**	ug/L	2.0	0.35	2		09/11/17 19:28	1634-04-4	
Naphthalene	**<5.0**	ug/L	10.0	5.0	2		09/11/17 19:28	91-20-3	
n-Propylbenzene	**11.9**	ug/L	2.0	1.0	2		09/11/17 19:28	103-65-1	
Styrene	**<1.0**	ug/L	2.0	1.0	2		09/11/17 19:28	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.36**	ug/L	2.0	0.36	2		09/11/17 19:28	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.50**	ug/L	2.0	0.50	2		09/11/17 19:28	79-34-5	
Tetrachloroethene	**<1.0**	ug/L	2.0	1.0	2		09/11/17 19:28	127-18-4	
Toluene	**12.9**	ug/L	2.0	1.0	2		09/11/17 19:28	108-88-3	
1,2,3-Trichlorobenzene	**<4.3**	ug/L	10.0	4.3	2		09/11/17 19:28	87-61-6	
1,2,4-Trichlorobenzene	**<4.4**	ug/L	10.0	4.4	2		09/11/17 19:28	120-82-1	
1,1,1-Trichloroethane	**<1.0**	ug/L	2.0	1.0	2		09/11/17 19:28	71-55-6	
1,1,2-Trichloroethane	**<0.39**	ug/L	2.0	0.39	2		09/11/17 19:28	79-00-5	
Trichloroethene	**<0.66**	ug/L	2.0	0.66	2		09/11/17 19:28	79-01-6	
Trichlorofluoromethane	**<0.37**	ug/L	2.0	0.37	2		09/11/17 19:28	75-69-4	
1,2,3-Trichloropropane	**<1.0**	ug/L	2.0	1.0	2		09/11/17 19:28	96-18-4	
1,2,4-Trimethylbenzene	**54.5**	ug/L	2.0	1.0	2		09/11/17 19:28	95-63-6	
1,3,5-Trimethylbenzene	**22.5**	ug/L	2.0	1.0	2		09/11/17 19:28	108-67-8	
Vinyl chloride	**<0.35**	ug/L	2.0	0.35	2		09/11/17 19:28	75-01-4	
m&p-Xylene	**510**	ug/L	4.0	2.0	2		09/11/17 19:28	179601-23-1	
o-Xylene	**16.0**	ug/L	2.0	1.0	2		09/11/17 19:28	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	96	%	61-130		2		09/11/17 19:28	460-00-4	pH
Dibromofluoromethane (S)	105	%	67-130		2		09/11/17 19:28	1868-53-7	
Toluene-d8 (S)	100	%	70-130		2		09/11/17 19:28	2037-26-5	

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1241 Bellevue Street - Suite 9
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ANALYTICAL RESULTS

Project: 0403363
Pace Project No.: 40156346

Sample: SB-62 **Lab ID: 40156346009** Collected: 09/07/17 16:25 Received: 09/08/17 09:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Lead	**479**	ug/L	26.0	8.7	2	09/11/17 10:24	09/12/17 13:17	7439-92-1	
8270 MSSV PAH by HVI	Analytical Method: EPA 8270 by HVI Preparation Method: EPA 3510								
Acenaphthene	**0.023J**	ug/L	0.029	0.0059	1	09/11/17 08:09	09/11/17 15:51	83-32-9	
Acenaphthylene	**<0.0048**	ug/L	0.024	0.0048	1	09/11/17 08:09	09/11/17 15:51	208-96-8	
Anthracene	**0.019J**	ug/L	0.051	0.010	1	09/11/17 08:09	09/11/17 15:51	120-12-7	
Benzo(a)anthracene	**0.011J**	ug/L	0.037	0.0073	1	09/11/17 08:09	09/11/17 15:51	56-55-3	
Benzo(a)pyrene	**<0.010**	ug/L	0.051	0.010	1	09/11/17 08:09	09/11/17 15:51	50-32-8	
Benzo(b)fluoranthene	**<0.0056**	ug/L	0.028	0.0056	1	09/11/17 08:09	09/11/17 15:51	205-99-2	
Benzo(g,h,i)perylene	**<0.0066**	ug/L	0.033	0.0066	1	09/11/17 08:09	09/11/17 15:51	191-24-2	
Benzo(k)fluoranthene	**<0.0073**	ug/L	0.037	0.0073	1	09/11/17 08:09	09/11/17 15:51	207-08-9	
Chrysene	**<0.013**	ug/L	0.063	0.013	1	09/11/17 08:09	09/11/17 15:51	218-01-9	
Dibenz(a,h)anthracene	**<0.0097**	ug/L	0.049	0.0097	1	09/11/17 08:09	09/11/17 15:51	53-70-3	
Fluoranthene	**0.032J**	ug/L	0.052	0.010	1	09/11/17 08:09	09/11/17 15:51	206-44-0	L1
Fluorene	**0.022J**	ug/L	0.039	0.0077	1	09/11/17 08:09	09/11/17 15:51	86-73-7	
Indeno(1,2,3-cd)pyrene	**<0.017**	ug/L	0.086	0.017	1	09/11/17 08:09	09/11/17 15:51	193-39-5	
1-Methylnaphthalene	**0.020J**	ug/L	0.029	0.0057	1	09/11/17 08:09	09/11/17 15:51	90-12-0	
2-Methylnaphthalene	**0.013J**	ug/L	0.024	0.0048	1	09/11/17 08:09	09/11/17 15:51	91-57-6	
Naphthalene	**<0.018**	ug/L	0.089	0.018	1	09/11/17 08:09	09/11/17 15:51	91-20-3	
Phenanthrene	**0.094**	ug/L	0.067	0.013	1	09/11/17 08:09	09/11/17 15:51	85-01-8	
Pyrene	**0.12**	ug/L	0.037	0.0074	1	09/11/17 08:09	09/11/17 15:51	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	48	%	35-84		1	09/11/17 08:09	09/11/17 15:51	321-60-8	
Terphenyl-d14 (S)	57	%	10-129		1	09/11/17 08:09	09/11/17 15:51	1718-51-0	
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 16:54	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		09/11/17 16:54	108-86-1	
Bromochloromethane	**<0.34**	ug/L	1.0	0.34	1		09/11/17 16:54	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		09/11/17 16:54	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		09/11/17 16:54	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		09/11/17 16:54	74-83-9	
n-Butylbenzene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 16:54	104-51-8	
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		09/11/17 16:54	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		09/11/17 16:54	98-06-6	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		09/11/17 16:54	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 16:54	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		09/11/17 16:54	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		09/11/17 16:54	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		09/11/17 16:54	74-87-3	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 16:54	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		09/11/17 16:54	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		09/11/17 16:54	96-12-8	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		09/11/17 16:54	124-48-1	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		09/11/17 16:54	106-93-4	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		09/11/17 16:54	74-95-3	

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ANALYTICAL RESULTS

Project: 0403363
Pace Project No.: 40156346

Sample: SB-62 **Lab ID: 40156346009** Collected: 09/07/17 16:25 Received: 09/08/17 09:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 16:54	95-50-1	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 16:54	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 16:54	106-46-7	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		09/11/17 16:54	75-71-8	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		09/11/17 16:54	75-34-3	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		09/11/17 16:54	107-06-2	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		09/11/17 16:54	75-35-4	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		09/11/17 16:54	156-59-2	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		09/11/17 16:54	156-60-5	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		09/11/17 16:54	78-87-5	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		09/11/17 16:54	142-28-9	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		09/11/17 16:54	594-20-7	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		09/11/17 16:54	563-58-6	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 16:54	10061-01-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		09/11/17 16:54	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		09/11/17 16:54	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 16:54	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		09/11/17 16:54	87-68-3	
Isopropylbenzene (Cumene)	**<0.14**	ug/L	1.0	0.14	1		09/11/17 16:54	98-82-8	
p-Isopropyltoluene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 16:54	99-87-6	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		09/11/17 16:54	75-09-2	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		09/11/17 16:54	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		09/11/17 16:54	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 16:54	103-65-1	
Styrene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 16:54	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		09/11/17 16:54	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.25**	ug/L	1.0	0.25	1		09/11/17 16:54	79-34-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 16:54	127-18-4	
Toluene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 16:54	108-88-3	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		09/11/17 16:54	87-61-6	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		09/11/17 16:54	120-82-1	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		09/11/17 16:54	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		09/11/17 16:54	79-00-5	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		09/11/17 16:54	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		09/11/17 16:54	75-69-4	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		09/11/17 16:54	96-18-4	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 16:54	95-63-6	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 16:54	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		09/11/17 16:54	75-01-4	
m&p-Xylene	**<1.0**	ug/L	2.0	1.0	1		09/11/17 16:54	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 16:54	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	87	%	61-130		1		09/11/17 16:54	460-00-4	
Dibromofluoromethane (S)	104	%	67-130		1		09/11/17 16:54	1868-53-7	
Toluene-d8 (S)	100	%	70-130		1		09/11/17 16:54	2037-26-5	

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ANALYTICAL RESULTS

Project: 0403363
Pace Project No.: 40156346

Sample: SB-63 **Lab ID: 40156346010** Collected: 09/07/17 16:50 Received: 09/08/17 09:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Lead	**495**	ug/L	26.0	8.7	2	09/11/17 10:24	09/12/17 13:19	7439-92-1	
8270 MSSV PAH by HVI	Analytical Method: EPA 8270 by HVI Preparation Method: EPA 3510								
Acenaphthene	**0.0082J**	ug/L	0.029	0.0059	1	09/11/17 08:09	09/11/17 16:10	83-32-9	
Acenaphthylene	**<0.0048**	ug/L	0.024	0.0048	1	09/11/17 08:09	09/11/17 16:10	208-96-8	
Anthracene	**<0.010**	ug/L	0.051	0.010	1	09/11/17 08:09	09/11/17 16:10	120-12-7	
Benzo(a)anthracene	**<0.0073**	ug/L	0.037	0.0073	1	09/11/17 08:09	09/11/17 16:10	56-55-3	
Benzo(a)pyrene	**<0.010**	ug/L	0.051	0.010	1	09/11/17 08:09	09/11/17 16:10	50-32-8	
Benzo(b)fluoranthene	**<0.0056**	ug/L	0.028	0.0056	1	09/11/17 08:09	09/11/17 16:10	205-99-2	
Benzo(g,h,i)perylene	**<0.0066**	ug/L	0.033	0.0066	1	09/11/17 08:09	09/11/17 16:10	191-24-2	
Benzo(k)fluoranthene	**<0.0073**	ug/L	0.037	0.0073	1	09/11/17 08:09	09/11/17 16:10	207-08-9	
Chrysene	**<0.013**	ug/L	0.063	0.013	1	09/11/17 08:09	09/11/17 16:10	218-01-9	
Dibenz(a,h)anthracene	**<0.0097**	ug/L	0.049	0.0097	1	09/11/17 08:09	09/11/17 16:10	53-70-3	
Fluoranthene	**<0.010**	ug/L	0.052	0.010	1	09/11/17 08:09	09/11/17 16:10	206-44-0	L1
Fluorene	**<0.0077**	ug/L	0.039	0.0077	1	09/11/17 08:09	09/11/17 16:10	86-73-7	
Indeno(1,2,3-cd)pyrene	**<0.017**	ug/L	0.086	0.017	1	09/11/17 08:09	09/11/17 16:10	193-39-5	
1-Methylnaphthalene	**0.014J**	ug/L	0.029	0.0057	1	09/11/17 08:09	09/11/17 16:10	90-12-0	
2-Methylnaphthalene	**0.0092J**	ug/L	0.024	0.0048	1	09/11/17 08:09	09/11/17 16:10	91-57-6	
Naphthalene	**0.041J**	ug/L	0.089	0.018	1	09/11/17 08:09	09/11/17 16:10	91-20-3	
Phenanthrene	**<0.013**	ug/L	0.067	0.013	1	09/11/17 08:09	09/11/17 16:10	85-01-8	
Pyrene	**<0.0074**	ug/L	0.037	0.0074	1	09/11/17 08:09	09/11/17 16:10	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	54	%	35-84		1	09/11/17 08:09	09/11/17 16:10	321-60-8	
Terphenyl-d14 (S)	51	%	10-129		1	09/11/17 08:09	09/11/17 16:10	1718-51-0	
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 17:16	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		09/11/17 17:16	108-86-1	
Bromochloromethane	**<0.34**	ug/L	1.0	0.34	1		09/11/17 17:16	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		09/11/17 17:16	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		09/11/17 17:16	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		09/11/17 17:16	74-83-9	
n-Butylbenzene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 17:16	104-51-8	
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		09/11/17 17:16	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		09/11/17 17:16	98-06-6	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		09/11/17 17:16	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 17:16	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		09/11/17 17:16	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		09/11/17 17:16	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		09/11/17 17:16	74-87-3	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 17:16	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		09/11/17 17:16	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		09/11/17 17:16	96-12-8	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		09/11/17 17:16	124-48-1	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		09/11/17 17:16	106-93-4	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		09/11/17 17:16	74-95-3	

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ANALYTICAL RESULTS

Project: 0403363
Pace Project No.: 40156346

Sample: SB-63 **Lab ID: 40156346010** Collected: 09/07/17 16:50 Received: 09/08/17 09:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 17:16	95-50-1	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 17:16	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 17:16	106-46-7	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		09/11/17 17:16	75-71-8	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		09/11/17 17:16	75-34-3	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		09/11/17 17:16	107-06-2	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		09/11/17 17:16	75-35-4	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		09/11/17 17:16	156-59-2	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		09/11/17 17:16	156-60-5	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		09/11/17 17:16	78-87-5	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		09/11/17 17:16	142-28-9	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		09/11/17 17:16	594-20-7	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		09/11/17 17:16	563-58-6	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 17:16	10061-01-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		09/11/17 17:16	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		09/11/17 17:16	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 17:16	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		09/11/17 17:16	87-68-3	
Isopropylbenzene (Cumene)	**<0.14**	ug/L	1.0	0.14	1		09/11/17 17:16	98-82-8	
p-Isopropyltoluene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 17:16	99-87-6	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		09/11/17 17:16	75-09-2	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		09/11/17 17:16	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		09/11/17 17:16	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 17:16	103-65-1	
Styrene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 17:16	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		09/11/17 17:16	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.25**	ug/L	1.0	0.25	1		09/11/17 17:16	79-34-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 17:16	127-18-4	
Toluene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 17:16	108-88-3	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		09/11/17 17:16	87-61-6	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		09/11/17 17:16	120-82-1	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		09/11/17 17:16	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		09/11/17 17:16	79-00-5	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		09/11/17 17:16	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		09/11/17 17:16	75-69-4	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		09/11/17 17:16	96-18-4	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 17:16	95-63-6	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 17:16	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		09/11/17 17:16	75-01-4	
m&p-Xylene	**<1.0**	ug/L	2.0	1.0	1		09/11/17 17:16	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 17:16	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	88	%	61-130		1		09/11/17 17:16	460-00-4	pH
Dibromofluoromethane (S)	100	%	67-130		1		09/11/17 17:16	1868-53-7	
Toluene-d8 (S)	100	%	70-130		1		09/11/17 17:16	2037-26-5	

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QUALITY CONTROL DATA

Project: 0403363
Pace Project No.: 40156346

QC Batch: 267205 | Analysis Method: EPA 6010
QC Batch Method: EPA 3010 | Analysis Description: 6010 MET
Associated Lab Samples: 40156346001, 40156346002, 40156346003, 40156346004, 40156346005, 40156346006, 40156346007, 40156346008, 40156346009, 40156346010

METHOD BLANK: 1570177 | Matrix: Water
Associated Lab Samples: 40156346001, 40156346002, 40156346003, 40156346004, 40156346005, 40156346006, 40156346007, 40156346008, 40156346009, 40156346010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	ug/L	<4.3	13.0	09/12/17 12:09	

LABORATORY CONTROL SAMPLE: 1570178

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	490	98	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1570179 1570180

Parameter	Units	40156346003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Lead	ug/L	19.7	500	500	474	485	91	93	75-125	2	20	

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QUALITY CONTROL DATA

Project: 0403363
Pace Project No.: 40156346

QC Batch: 267147 | Analysis Method: EPA 8260
QC Batch Method: EPA 8260 | Analysis Description: 8260 MSV
Associated Lab Samples: 40156346001, 40156346002, 40156346003, 40156346004, 40156346005, 40156346006, 40156346007, 40156346008, 40156346009, 40156346010

METHOD BLANK: 1569969 | Matrix: Water
Associated Lab Samples: 40156346001, 40156346002, 40156346003, 40156346004, 40156346005, 40156346006, 40156346007, 40156346008, 40156346009, 40156346010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.18	1.0	09/11/17 11:24	
1,1,1-Trichloroethane	ug/L	<0.50	1.0	09/11/17 11:24	
1,1,2,2-Tetrachloroethane	ug/L	<0.25	1.0	09/11/17 11:24	
1,1,2-Trichloroethane	ug/L	<0.20	1.0	09/11/17 11:24	
1,1-Dichloroethane	ug/L	<0.24	1.0	09/11/17 11:24	
1,1-Dichloroethene	ug/L	<0.41	1.0	09/11/17 11:24	
1,1-Dichloropropene	ug/L	<0.44	1.0	09/11/17 11:24	
1,2,3-Trichlorobenzene	ug/L	<2.1	5.0	09/11/17 11:24	
1,2,3-Trichloropropane	ug/L	<0.50	1.0	09/11/17 11:24	
1,2,4-Trichlorobenzene	ug/L	<2.2	5.0	09/11/17 11:24	
1,2,4-Trimethylbenzene	ug/L	<0.50	1.0	09/11/17 11:24	
1,2-Dibromo-3-chloropropane	ug/L	<2.2	5.0	09/11/17 11:24	
1,2-Dibromoethane (EDB)	ug/L	<0.18	1.0	09/11/17 11:24	
1,2-Dichlorobenzene	ug/L	<0.50	1.0	09/11/17 11:24	
1,2-Dichloroethane	ug/L	<0.17	1.0	09/11/17 11:24	
1,2-Dichloropropane	ug/L	<0.23	1.0	09/11/17 11:24	
1,3,5-Trimethylbenzene	ug/L	<0.50	1.0	09/11/17 11:24	
1,3-Dichlorobenzene	ug/L	<0.50	1.0	09/11/17 11:24	
1,3-Dichloropropane	ug/L	<0.50	1.0	09/11/17 11:24	
1,4-Dichlorobenzene	ug/L	<0.50	1.0	09/11/17 11:24	
2,2-Dichloropropane	ug/L	<0.48	1.0	09/11/17 11:24	
2-Chlorotoluene	ug/L	<0.50	1.0	09/11/17 11:24	
4-Chlorotoluene	ug/L	<0.21	1.0	09/11/17 11:24	
Benzene	ug/L	<0.50	1.0	09/11/17 11:24	
Bromobenzene	ug/L	<0.23	1.0	09/11/17 11:24	
Bromochloromethane	ug/L	<0.34	1.0	09/11/17 11:24	
Bromodichloromethane	ug/L	<0.50	1.0	09/11/17 11:24	
Bromoform	ug/L	<0.50	1.0	09/11/17 11:24	
Bromomethane	ug/L	<2.4	5.0	09/11/17 11:24	
Carbon tetrachloride	ug/L	<0.50	1.0	09/11/17 11:24	
Chlorobenzene	ug/L	<0.50	1.0	09/11/17 11:24	
Chloroethane	ug/L	<0.37	1.0	09/11/17 11:24	
Chloroform	ug/L	<2.5	5.0	09/11/17 11:24	
Chloromethane	ug/L	<0.50	1.0	09/11/17 11:24	
cis-1,2-Dichloroethene	ug/L	<0.26	1.0	09/11/17 11:24	
cis-1,3-Dichloropropene	ug/L	<0.50	1.0	09/11/17 11:24	
Dibromochloromethane	ug/L	<0.50	1.0	09/11/17 11:24	
Dibromomethane	ug/L	<0.43	1.0	09/11/17 11:24	
Dichlorodifluoromethane	ug/L	<0.22	1.0	09/11/17 11:24	
Diisopropyl ether	ug/L	<0.50	1.0	09/11/17 11:24	

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QUALITY CONTROL DATA

Project: 0403363
Pace Project No.: 40156346

METHOD BLANK: 1569969 Matrix: Water

Associated Lab Samples: 40156346001, 40156346002, 40156346003, 40156346004, 40156346005, 40156346006, 40156346007, 40156346008, 40156346009, 40156346010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/L	<0.50	1.0	09/11/17 11:24	
Hexachloro-1,3-butadiene	ug/L	<2.1	5.0	09/11/17 11:24	
Isopropylbenzene (Cumene)	ug/L	<0.14	1.0	09/11/17 11:24	
m&p-Xylene	ug/L	<1.0	2.0	09/11/17 11:24	
Methyl-tert-butyl ether	ug/L	<0.17	1.0	09/11/17 11:24	
Methylene Chloride	ug/L	<0.23	1.0	09/11/17 11:24	
n-Butylbenzene	ug/L	<0.50	1.0	09/11/17 11:24	
n-Propylbenzene	ug/L	<0.50	1.0	09/11/17 11:24	
Naphthalene	ug/L	<2.5	5.0	09/11/17 11:24	
o-Xylene	ug/L	<0.50	1.0	09/11/17 11:24	
p-Isopropyltoluene	ug/L	<0.50	1.0	09/11/17 11:24	
sec-Butylbenzene	ug/L	<2.2	5.0	09/11/17 11:24	
Styrene	ug/L	<0.50	1.0	09/11/17 11:24	
tert-Butylbenzene	ug/L	<0.18	1.0	09/11/17 11:24	
Tetrachloroethene	ug/L	<0.50	1.0	09/11/17 11:24	
Toluene	ug/L	<0.50	1.0	09/11/17 11:24	
trans-1,2-Dichloroethene	ug/L	<0.26	1.0	09/11/17 11:24	
trans-1,3-Dichloropropene	ug/L	<0.23	1.0	09/11/17 11:24	
Trichloroethene	ug/L	<0.33	1.0	09/11/17 11:24	
Trichlorofluoromethane	ug/L	<0.18	1.0	09/11/17 11:24	
Vinyl chloride	ug/L	<0.18	1.0	09/11/17 11:24	
4-Bromofluorobenzene (S)	%	87	61-130	09/11/17 11:24	
Dibromofluoromethane (S)	%	101	67-130	09/11/17 11:24	
Toluene-d8 (S)	%	105	70-130	09/11/17 11:24	

LABORATORY CONTROL SAMPLE: 1569970

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	55.8	112	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	53.4	107	70-130	
1,1,2-Trichloroethane	ug/L	50	51.4	103	70-130	
1,1-Dichloroethane	ug/L	50	50.5	101	71-132	
1,1-Dichloroethene	ug/L	50	45.9	92	75-130	
1,2,4-Trichlorobenzene	ug/L	50	45.0	90	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	52.4	105	63-123	
1,2-Dibromoethane (EDB)	ug/L	50	54.1	108	70-130	
1,2-Dichlorobenzene	ug/L	50	54.4	109	70-130	
1,2-Dichloroethane	ug/L	50	52.6	105	70-131	
1,2-Dichloropropane	ug/L	50	51.7	103	80-120	
1,3-Dichlorobenzene	ug/L	50	53.7	107	70-130	
1,4-Dichlorobenzene	ug/L	50	52.3	105	70-130	
Benzene	ug/L	50	51.2	102	73-145	
Bromodichloromethane	ug/L	50	51.2	102	70-130	

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QUALITY CONTROL DATA

Project: 0403363
Pace Project No.: 40156346

LABORATORY CONTROL SAMPLE: 1569970

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromoform	ug/L	50	48.8	98	67-130	
Bromomethane	ug/L	50	23.7	47	26-128	
Carbon tetrachloride	ug/L	50	56.7	113	70-133	
Chlorobenzene	ug/L	50	54.9	110	70-130	
Chloroethane	ug/L	50	48.1	96	58-120	
Chloroform	ug/L	50	51.9	104	80-121	
Chloromethane	ug/L	50	26.3	53	40-127	
cis-1,2-Dichloroethene	ug/L	50	50.3	101	70-130	
cis-1,3-Dichloropropene	ug/L	50	51.4	103	70-130	
Dibromochloromethane	ug/L	50	54.4	109	70-130	
Dichlorodifluoromethane	ug/L	50	19.6	39	20-135	
Ethylbenzene	ug/L	50	56.5	113	87-129	
Isopropylbenzene (Cumene)	ug/L	50	59.1	118	70-130	
m&p-Xylene	ug/L	100	115	115	70-130	
Methyl-tert-butyl ether	ug/L	50	54.6	109	66-143	
Methylene Chloride	ug/L	50	49.9	100	70-130	
o-Xylene	ug/L	50	57.5	115	70-130	
Styrene	ug/L	50	50.9	102	70-130	
Tetrachloroethene	ug/L	50	49.2	98	70-130	
Toluene	ug/L	50	53.5	107	82-130	
trans-1,2-Dichloroethene	ug/L	50	49.3	99	75-132	
trans-1,3-Dichloropropene	ug/L	50	48.8	98	70-130	
Trichloroethene	ug/L	50	53.6	107	70-130	
Trichlorofluoromethane	ug/L	50	46.0	92	76-133	
Vinyl chloride	ug/L	50	37.7	75	57-136	
4-Bromofluorobenzene (S)	%			96	61-130	
Dibromofluoromethane (S)	%			102	67-130	
Toluene-d8 (S)	%			97	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1569971 1569972

Parameter	Units	40156374003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1-Trichloroethane	ug/L	<0.50	50	50	57.6	59.7	115	119	70-134	3	20	
1,1,2,2-Tetrachloroethane	ug/L	<0.25	50	50	54.9	55.0	110	110	70-130	0	20	
1,1,2-Trichloroethane	ug/L	<0.20	50	50	54.3	55.8	109	112	70-130	3	20	
1,1-Dichloroethane	ug/L	<0.24	50	50	49.7	55.1	99	110	71-133	10	20	
1,1-Dichloroethene	ug/L	<0.41	50	50	46.2	52.2	92	104	75-136	12	20	
1,2,4-Trichlorobenzene	ug/L	<2.2	50	50	48.4	48.1	97	96	70-130	1	20	
1,2-Dibromo-3-chloropropane	ug/L	<2.2	50	50	56.4	55.4	113	111	63-123	2	20	
1,2-Dibromoethane (EDB)	ug/L	<0.18	50	50	55.4	57.0	111	114	70-130	3	20	
1,2-Dichlorobenzene	ug/L	<0.50	50	50	56.5	56.2	113	112	70-130	0	20	
1,2-Dichloroethane	ug/L	<0.17	50	50	51.3	55.3	103	111	70-131	8	20	
1,2-Dichloropropane	ug/L	<0.23	50	50	53.3	54.6	107	109	80-120	2	20	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 0403363
Pace Project No.: 40156346

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1569971 1569972

Parameter	Units	40156374003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,3-Dichlorobenzene	ug/L	<0.50	50	50	56.6	58.1	113	116	70-130	3	20	
1,4-Dichlorobenzene	ug/L	<0.50	50	50	51.8	55.8	104	112	70-130	7	20	
Benzene	ug/L	<0.50	50	50	50.9	56.9	102	114	73-145	11	20	
Bromodichloromethane	ug/L	<0.50	50	50	53.8	56.6	108	113	70-130	5	20	
Bromoform	ug/L	<0.50	50	50	49.6	51.2	99	102	67-130	3	20	
Bromomethane	ug/L	<2.4	50	50	26.5	28.4	53	57	26-129	7	20	
Carbon tetrachloride	ug/L	1.8	50	50	58.4	62.8	113	122	70-134	7	20	
Chlorobenzene	ug/L	<0.50	50	50	56.8	56.3	114	113	70-130	1	20	
Chloroethane	ug/L	<0.37	50	50	50.0	55.6	100	111	58-120	11	20	
Chloroform	ug/L	<2.5	50	50	53.1	57.1	102	110	80-121	7	20	
Chloromethane	ug/L	<0.50	50	50	28.8	29.6	57	58	40-128	3	20	
cis-1,2-Dichloroethene	ug/L	0.38J	50	50	49.6	55.3	99	110	70-130	11	20	
cis-1,3-Dichloropropene	ug/L	<0.50	50	50	55.0	55.7	110	111	70-130	1	20	
Dibromochloromethane	ug/L	<0.50	50	50	56.8	56.7	114	113	70-130	0	20	
Dichlorodifluoromethane	ug/L	<0.22	50	50	21.7	22.7	43	45	20-146	5	20	
Ethylbenzene	ug/L	<0.50	50	50	58.9	59.7	118	119	87-129	1	20	
Isopropylbenzene (Cumene)	ug/L	<0.14	50	50	61.9	63.1	124	126	70-130	2	20	
m&p-Xylene	ug/L	<1.0	100	100	118	121	118	121	70-130	2	20	
Methyl-tert-butyl ether	ug/L	<0.17	50	50	53.5	58.7	107	117	66-143	9	20	
Methylene Chloride	ug/L	<0.23	50	50	47.9	53.2	96	106	70-130	10	20	
o-Xylene	ug/L	<0.50	50	50	59.6	60.4	119	121	70-130	1	20	
Styrene	ug/L	<0.50	50	50	53.0	52.9	106	106	70-130	0	20	
Tetrachloroethene	ug/L	9.0	50	50	63.2	66.0	109	114	70-130	4	20	
Toluene	ug/L	<0.50	50	50	54.7	56.6	109	113	82-131	4	20	
trans-1,2-Dichloroethene	ug/L	<0.26	50	50	50.0	54.9	100	110	75-135	9	20	
trans-1,3-Dichloropropene	ug/L	<0.23	50	50	50.7	52.1	101	104	70-130	3	20	
Trichloroethene	ug/L	0.77J	50	50	53.5	57.9	106	114	70-130	8	20	
Trichlorofluoromethane	ug/L	<0.18	50	50	47.1	50.9	94	102	76-150	8	20	
Vinyl chloride	ug/L	<0.18	50	50	39.2	41.3	78	83	56-143	5	20	
4-Bromofluorobenzene (S)	%						98	97	61-130			
Dibromofluoromethane (S)	%						100	103	67-130			
Toluene-d8 (S)	%						97	98	70-130			

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Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: 0403363
Pace Project No.: 40156346

QC Batch: 267162 | Analysis Method: EPA 8270 by HVI
QC Batch Method: EPA 3510 | Analysis Description: 8270 Water PAH by HVI
Associated Lab Samples: 40156346001, 40156346002, 40156346003, 40156346004, 40156346005, 40156346006, 40156346007, 40156346008, 40156346009, 40156346010

METHOD BLANK: 1570021 | Matrix: Water
Associated Lab Samples: 40156346001, 40156346002, 40156346003, 40156346004, 40156346005, 40156346006, 40156346007, 40156346008, 40156346009, 40156346010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1-Methylnaphthalene	ug/L	<0.0059	0.030	09/11/17 11:34	
2-Methylnaphthalene	ug/L	<0.0049	0.024	09/11/17 11:34	
Acenaphthene	ug/L	<0.0061	0.030	09/11/17 11:34	
Acenaphthylene	ug/L	<0.0050	0.025	09/11/17 11:34	
Anthracene	ug/L	<0.010	0.052	09/11/17 11:34	
Benzo(a)anthracene	ug/L	<0.0076	0.038	09/11/17 11:34	
Benzo(a)pyrene	ug/L	<0.011	0.053	09/11/17 11:34	
Benzo(b)fluoranthene	ug/L	<0.0057	0.029	09/11/17 11:34	
Benzo(g,h,i)perylene	ug/L	<0.0068	0.034	09/11/17 11:34	
Benzo(k)fluoranthene	ug/L	<0.0076	0.038	09/11/17 11:34	
Chrysene	ug/L	<0.013	0.065	09/11/17 11:34	
Dibenz(a,h)anthracene	ug/L	<0.010	0.050	09/11/17 11:34	
Fluoranthene	ug/L	<0.011	0.053	09/11/17 11:34	
Fluorene	ug/L	<0.0080	0.040	09/11/17 11:34	
Indeno(1,2,3-cd)pyrene	ug/L	<0.018	0.088	09/11/17 11:34	
Naphthalene	ug/L	<0.018	0.092	09/11/17 11:34	
Phenanthrene	ug/L	<0.014	0.069	09/11/17 11:34	
Pyrene	ug/L	<0.0076	0.038	09/11/17 11:34	
2-Fluorobiphenyl (S)	%	63	35-84	09/11/17 11:34	
Terphenyl-d14 (S)	%	97	10-129	09/11/17 11:34	

LABORATORY CONTROL SAMPLE: 1570022

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/L	2	1.1	56	39-83	
2-Methylnaphthalene	ug/L	2	1.1	56	38-86	
Acenaphthene	ug/L	2	1.1	56	35-85	
Acenaphthylene	ug/L	2	1.2	62	31-88	
Anthracene	ug/L	2	1.5	74	47-104	
Benzo(a)anthracene	ug/L	2	1.8	89	36-105	
Benzo(a)pyrene	ug/L	2	1.6	80	69-117	
Benzo(b)fluoranthene	ug/L	2	1.7	83	54-107	
Benzo(g,h,i)perylene	ug/L	2	0.94	47	13-86	
Benzo(k)fluoranthene	ug/L	2	1.5	74	63-128	
Chrysene	ug/L	2	1.4	70	69-150	
Dibenz(a,h)anthracene	ug/L	2	0.89	44	10-87	
Fluoranthene	ug/L	2	2.1	104	57-103	L1
Fluorene	ug/L	2	1.2	62	38-85	

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REPORT OF LABORATORY ANALYSIS

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(920)469-2436

QUALITY CONTROL DATA

Project: 0403363
Pace Project No.: 40156346

LABORATORY CONTROL SAMPLE: 1570022

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Indeno(1,2,3-cd)pyrene	ug/L	2	1.5	76	40-111	
Naphthalene	ug/L	2	1.0	52	39-82	
Phenanthrene	ug/L	2	1.4	71	46-96	
Pyrene	ug/L	2	1.8	91	57-110	
2-Fluorobiphenyl (S)	%			53	35-84	
Terphenyl-d14 (S)	%			86	10-129	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1570023 1570024

Parameter	Units	40156268001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1-Methylnaphthalene	ug/L	<0.0059	2	2	1.3	1.2	63	59	27-86	6	29	
2-Methylnaphthalene	ug/L	<0.0049	2	2	1.3	1.2	63	60	30-86	6	35	
Acenaphthene	ug/L	<0.0061	2	2	1.2	1.1	58	56	28-85	5	29	
Acenaphthylene	ug/L	<0.0050	2	2	1.3	1.2	64	61	27-88	4	29	
Anthracene	ug/L	<0.010	2	2	1.3	1.3	66	66	38-104	0	35	
Benzo(a)anthracene	ug/L	<0.0076	2	2	1.5	1.5	75	74	10-105	1	28	
Benzo(a)pyrene	ug/L	<0.011	2	2	1.3	1.3	63	65	10-130	3	26	
Benzo(b)fluoranthene	ug/L	<0.0057	2	2	1.4	1.3	69	67	10-115	2	25	
Benzo(g,h,i)perylene	ug/L	<0.0068	2	2	0.70	0.74	35	37	10-87	5	42	
Benzo(k)fluoranthene	ug/L	<0.0076	2	2	1.1	1.2	56	60	10-133	6	25	
Chrysene	ug/L	<0.013	2	2	1.4	1.5	72	73	17-150	0	24	
Dibenz(a,h)anthracene	ug/L	<0.010	2	2	0.71	0.75	36	37	10-89	5	49	
Fluoranthene	ug/L	<0.011	2	2	1.4	1.5	70	73	41-103	4	32	
Fluorene	ug/L	<0.0080	2	2	1.5	1.2	75	58	32-85	25	28	
Indeno(1,2,3-cd)pyrene	ug/L	<0.018	2	2	0.97	1.0	49	51	10-111	5	37	
Naphthalene	ug/L	<0.018	2	2	1.2	1.1	60	57	23-88	5	28	
Phenanthrene	ug/L	<0.014	2	2	1.3	1.3	67	64	33-96	4	25	
Pyrene	ug/L	<0.0076	2	2	1.5	1.5	73	75	38-110	2	28	
2-Fluorobiphenyl (S)	%						56	54	35-84			
Terphenyl-d14 (S)	%						72	72	10-129			

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Green Bay, WI 54302
(920)469-2436

QUALIFIERS

Project: 0403363
Pace Project No.: 40156346

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above LOD.

J - Estimated concentration at or above the LOD and below the LOQ.

LOD - Limit of Detection adjusted for dilution factor and percent moisture.

LOQ - Limit of Quantitation adjusted for dilution factor and percent moisture.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected at or above the adjusted LOD.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

LABORATORIES

PASI-G	Pace Analytical Services - Green Bay

ANALYTE QUALIFIERS

L1	Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results may be biased high.
P4	Sample field preservation does not meet EPA or method recommendations for this analysis.
pH	Post-analysis pH measurement indicates insufficient VOA sample preservation.

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Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 0403363
Pace Project No.: 40156346

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40156346001	**SB-54**	EPA 3010	267205	EPA 6010	267329
40156346002	**SB-55**	EPA 3010	267205	EPA 6010	267329
40156346003	**SB-56**	EPA 3010	267205	EPA 6010	267329
40156346004	**SB-57**	EPA 3010	267205	EPA 6010	267329
40156346005	**SB-58**	EPA 3010	267205	EPA 6010	267329
40156346006	**SB-59**	EPA 3010	267205	EPA 6010	267329
40156346007	**SB-60**	EPA 3010	267205	EPA 6010	267329
40156346008	**SB-61**	EPA 3010	267205	EPA 6010	267329
40156346009	**SB-62**	EPA 3010	267205	EPA 6010	267329
40156346010	**SB-63**	EPA 3010	267205	EPA 6010	267329
40156346001	**SB-54**	EPA 3510	267162	EPA 8270 by HVI	267274
40156346002	**SB-55**	EPA 3510	267162	EPA 8270 by HVI	267274
40156346003	**SB-56**	EPA 3510	267162	EPA 8270 by HVI	267274
40156346004	**SB-57**	EPA 3510	267162	EPA 8270 by HVI	267274
40156346005	**SB-58**	EPA 3510	267162	EPA 8270 by HVI	267274
40156346006	**SB-59**	EPA 3510	267162	EPA 8270 by HVI	267274
40156346007	**SB-60**	EPA 3510	267162	EPA 8270 by HVI	267274
40156346008	**SB-61**	EPA 3510	267162	EPA 8270 by HVI	267274
40156346009	**SB-62**	EPA 3510	267162	EPA 8270 by HVI	267274
40156346010	**SB-63**	EPA 3510	267162	EPA 8270 by HVI	267274
40156346001	**SB-54**	EPA 8260	267147		
40156346002	**SB-55**	EPA 8260	267147		
40156346003	**SB-56**	EPA 8260	267147		
40156346004	**SB-57**	EPA 8260	267147		
40156346005	**SB-58**	EPA 8260	267147		
40156346006	**SB-59**	EPA 8260	267147		
40156346007	**SB-60**	EPA 8260	267147		
40156346008	**SB-61**	EPA 8260	267147		
40156346009	**SB-62**	EPA 8260	267147		
40156346010	**SB-63**	EPA 8260	267147		

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(Please Print Clearly)

Company Name:	ERM
Branch/Location:	
Project Contact:	Andrew Dewitt
Phone:	
Project Number:	0403363
Project Name:	
Project State:	Wisconsin
Sampled By (Print):	Philip Kistler
Sampled By (Sign):	
PO #:	
Regulatory Program:	

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UPPER MIDWEST REGION
MN: 612-607-1700 WI: 920-469-2436

Page 1 of

4015 6396

CHAIN OF CUSTODY

*Preservation Codes
A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH
H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

Quote #:	
Mail To Contact:	
Mail To Company:	
Mail To Address:	
Invoice To Contact:	
Invoice To Company:	
Invoice To Address:	
Invoice To Phone:	

Data Package Options (billable)
- ☐ EPA Level III
- ☐ EPA Level IV

MS/MSD
- ☐ On your sample (billable)
- ☐ NOT needed on your sample

Matrix Codes
A = Air, B = Biota, C = Charcoal, O = Oil, S = Soil, Sl = Sludge, W = Water, DW = Drinking Water, GW = Ground Water, SW = Surface Water, WW = Waste Water, WP = Wipe

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	VOCs	PAH	LEAD	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
FILTERED? (YES/NO)					N	N	N			
PRESERVATION (CODE)*					B	A	D			
001	SB-54	9/7/17	10:25	GW	X	X	X	3-40mL B	2-100mL A	1-250mL D
002	SB-55	"	11:05	GW	X	X	X			
003	SB-56	"	11:36	GW	X	X	X			
004	SB-57	"	13:15	GW	X	X	X	24 hour		
005	SB-58	"	13:50	GW	X	X	X			
006	SB-59	"	14:10	GW	X	X	X			
007	SB-60	"	14:45	GW	X	X	X			
008	SB-61	"	15:55	GW	X	X	X			
009	SB-62	"	16:25	GW	X	X	X			
010	SB-63	"	16:50	GW	X	X	X			
~~011~~ 9/8/17										

Rush Turnaround Time Requested - Prelims
(Rush TAT subject to approval/surcharge)
Date Needed: 24 hour

Transmit Prelim Rush Results by (complete what you want):

Email #1:	andrew.dewitt@erm.com
Email #2:	karl.stay@erm.com
Telephone:	
Fax:	

Samples on HOLD are subject to special pricing and release of liability

Relinquished By:	Date/Time:	Received By:	Date/Time:
Philip Kistler	9/7/17 17:40		
Karl Stay	9/8/17 0945	Sue Schaefer	9/8/17 0945

PACE Project No. 4015 6396

Receipt Temp = 2.01 °C

Sample Receipt pH OK / Adjusted

Cooler Custody Seal Present / Not Present
Intact / Not Intact

C019a(27Jun2006)

Version 6.0 08/14/06

ORIGINAL

Pace Analytical

Sample Condition Upon Receipt

Pace Analytical Services, LLC. - Green Bay WI
1241 Bellevue Street, Suite 9
Green Bay, WI 54302

Project #: WO# : 40156346

40156346

Client Name: ERM

Courier: ☑ Fed Ex ☐ UPS ☐ Client ☐ Pace Other:

Tracking #: 8726 1356 5671

Custody Seal on Cooler/Box Present: ☑ yes ☐ no Seals intact: ☑ yes ☐ no

Custody Seal on Samples Present: ☑ yes ☐ no Seals intact: ☐ yes ☑ no

Packing Material: ☐ Bubble Wrap ☑ Bubble Bags ☐ None ☐ Other

Thermometer Used N/A **Type of Ice:** (Wet) Blue Dry None ☑ Samples on ice, cooling process has begun

Cooler Temperature Uncorr: R01 /Corr: **Biological Tissue is Frozen:** ☐ yes ☐ no

Temp Blank Present: ☐ yes ☑ no

Temp should be above freezing to 6°C.
Biota Samples may be received at ≤ 0°C.

Person examining contents:
Date: 9/8/17
Initials: SDC

				Comments:
Chain of Custody Present:	☑Yes	☐No	☐N/A	1.
Chain of Custody Filled Out:	☐Yes	☑No	☐N/A	2. No branch loc, No phone #, No prog name, SDC 9/8/17
Chain of Custody Relinquished:	☑Yes	☐No	☐N/A	3.
Sampler Name & Signature on COC:	☑Yes	☐No	☐N/A	4.
Samples Arrived within Hold Time:	☑Yes	☐No	☐N/A	5.
- VOA Samples frozen upon receipt	☐Yes	☑No		Date/Time:
Short Hold Time Analysis (<72hr):	☐Yes	☑No	☐N/A	6.
Rush Turn Around Time Requested:	☑Yes	☐No	☐N/A	7. Rush per Client 24 hr TAT SDC 9/8/17
Sufficient Volume:	☐Yes	☑No	☐N/A	8. No MS/MSD AVL 9/8/17
Correct Containers Used:	☑Yes	☐No	☐N/A	9.
-Pace Containers Used:	☑Yes	☐No	☐N/A	
-Pace IR Containers Used:	☐Yes	☐No	☑N/A	
Containers Intact:	☑Yes	☐No	☐N/A	10.
Filtered volume received for Dissolved tests	☐Yes	☐No	☑N/A	11.
Sample Labels match COC:	☑Yes	☐No	☐N/A	12.
-Includes date/time/ID/Analysis Matrix: W				
All containers needing preservation have been checked. (Non-Compliance noted in 13.)	☑Yes	☐No	☐N/A	13. ☑ HNO3 ☐ H2SO4 ☐ NaOH ☐ NaOH +ZnAct
All containers needing preservation are found to be in compliance with EPA recommendation. (HNO3, H2SO4 ≤2; NaOH+ZnAct ≥9, NaOH ≥12)	☐Yes	☑No	☐N/A	001; 002; 006, 007, 009, & 010 all Ph 7; added 2.5 mls of HNO3 to all samples ①
exceptions: VOA, coliform, TOC, TOX, TOH, O&G, WIDROW, Phenolics, OTHER:	☐Yes	☐No		Initial when completed SDC; Lab Std #ID of preservative 175371; Date/Time: 9/8/17 10:55
Headspace in VOA Vials (>6mm):	☐Yes	☐No	☑N/A	14.
Trip Blank Present:	☐Yes	☑No	☐N/A	15.
Trip Blank Custody Seals Present	☐Yes	☑No	☐N/A	
Pace Trip Blank Lot # (if purchased):				

Client Notification/ Resolution: If checked, see attached form for additional comments ☐

Person Contacted: Date/Time:

Comments/ Resolution:

① Ayer adding HNO3 2.5mls all samples ph ≤ 2 SDC 9/8/17

Project Manager Review: R-R for Dm **Date:** 9/11/17

F-GB-C-031-Rev.04 (12Dec2016) SCUR.xls
Pace Analytical Services LLC. - Green Bay WI

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

September 12, 2017

Carl Stay
ERM, Inc.
700 W. Virginia Street
Suite 601
Milwaukee, WI 53204

RE: Project: KRAFT-HEINZ
Pace Project No.: 40156437

Dear Carl Stay:
Enclosed are the analytical results for sample(s) received by the laboratory on September 09, 2017. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Dan Milewsky
dan.milewsky@pacelabs.com
(920)469-2436
Project Manager

Enclosures

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CERTIFICATIONS

Project: KRAFT-HEINZ
Pace Project No.: 40156437

Green Bay Certification IDs

1241 Bellevue Street, Green Bay, WI 54302
Florida/NELAP Certification #: E87948
Illinois Certification #: 200050
Kentucky UST Certification #: 82
Louisiana Certification #: 04168
Minnesota Certification #: 055-999-334
New York Certification #: 12064
North Dakota Certification #: R-150
Virginia VELAP ID: 460263
South Carolina Certification #: 83006001
Texas Certification #: T104704529-14-1
Wisconsin Certification #: 405132750
Wisconsin DATCP Certification #: 105-444
USDA Soil Permit #: P330-16-00157
Federal Fish & Wildlife Permit #: LE51774A-0

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Green Bay, WI 54302
(920)469-2436

SAMPLE SUMMARY

Project: KRAFT-HEINZ
Pace Project No.: 40156437

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40156437001	**SB-64**	Water	09/08/17 14:37	09/09/17 09:20
40156437002	**SB-65**	Water	09/08/17 14:55	09/09/17 09:20
40156437003	**SB-66S**	Water	09/08/17 15:00	09/09/17 09:20
40156437004	**SB-66D**	Water	09/08/17 15:10	09/09/17 09:20
40156437005	**SB-67**	Water	09/08/17 15:20	09/09/17 09:20
40156437006	**SB-68S**	Water	09/08/17 15:30	09/09/17 09:20
40156437007	**SB-68D**	Water	09/08/17 15:40	09/09/17 09:20
40156437008	**SB-69**	Water	09/08/17 15:50	09/09/17 09:20
40156437009	**SB-15D**	Water	09/08/17 16:10	09/09/17 09:20
40156437010	**TB**	Water	09/08/17 00:00	09/09/17 09:20

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SAMPLE ANALYTE COUNT

Project: KRAFT-HEINZ
Pace Project No.: 40156437

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40156437001	**SB-64**	EPA 8260	HNW	64	PASI-G
40156437002	**SB-65**	EPA 8260	HNW	64	PASI-G
40156437003	**SB-66S**	EPA 8260	HNW	64	PASI-G
40156437004	**SB-66D**	EPA 8260	HNW	64	PASI-G
40156437005	**SB-67**	EPA 8260	HNW	64	PASI-G
40156437006	**SB-68S**	EPA 8260	HNW	64	PASI-G
40156437007	**SB-68D**	EPA 8260	HNW	64	PASI-G
40156437008	**SB-69**	EPA 8260	HNW	64	PASI-G
40156437009	**SB-15D**	EPA 8260	HNW	64	PASI-G
40156437010	**TB**	EPA 8260	HNW	64	PASI-G

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ANALYTICAL RESULTS

Project: KRAFT-HEINZ
Pace Project No.: 40156437

Sample: SB-64 **Lab ID: 40156437001** Collected: 09/08/17 14:37 Received: 09/09/17 09:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 15:20	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		09/11/17 15:20	108-86-1	
Bromochloromethane	**<0.34**	ug/L	1.0	0.34	1		09/11/17 15:20	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		09/11/17 15:20	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		09/11/17 15:20	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		09/11/17 15:20	74-83-9	
n-Butylbenzene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 15:20	104-51-8	
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		09/11/17 15:20	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		09/11/17 15:20	98-06-6	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		09/11/17 15:20	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 15:20	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		09/11/17 15:20	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		09/11/17 15:20	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		09/11/17 15:20	74-87-3	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 15:20	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		09/11/17 15:20	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		09/11/17 15:20	96-12-8	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		09/11/17 15:20	124-48-1	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		09/11/17 15:20	106-93-4	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		09/11/17 15:20	74-95-3	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 15:20	95-50-1	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 15:20	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 15:20	106-46-7	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		09/11/17 15:20	75-71-8	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		09/11/17 15:20	75-34-3	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		09/11/17 15:20	107-06-2	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		09/11/17 15:20	75-35-4	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		09/11/17 15:20	156-59-2	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		09/11/17 15:20	156-60-5	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		09/11/17 15:20	78-87-5	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		09/11/17 15:20	142-28-9	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		09/11/17 15:20	594-20-7	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		09/11/17 15:20	563-58-6	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 15:20	10061-01-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		09/11/17 15:20	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		09/11/17 15:20	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 15:20	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		09/11/17 15:20	87-68-3	
Isopropylbenzene (Cumene)	**<0.14**	ug/L	1.0	0.14	1		09/11/17 15:20	98-82-8	
p-Isopropyltoluene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 15:20	99-87-6	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		09/11/17 15:20	75-09-2	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		09/11/17 15:20	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		09/11/17 15:20	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 15:20	103-65-1	
Styrene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 15:20	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		09/11/17 15:20	630-20-6	

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ANALYTICAL RESULTS

Project: KRAFT-HEINZ
Pace Project No.: 40156437

Sample: SB-64 **Lab ID: 40156437001** Collected: 09/08/17 14:37 Received: 09/09/17 09:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,2,2-Tetrachloroethane	**<0.25**	ug/L	1.0	0.25	1		09/11/17 15:20	79-34-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 15:20	127-18-4	
Toluene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 15:20	108-88-3	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		09/11/17 15:20	87-61-6	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		09/11/17 15:20	120-82-1	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		09/11/17 15:20	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		09/11/17 15:20	79-00-5	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		09/11/17 15:20	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		09/11/17 15:20	75-69-4	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		09/11/17 15:20	96-18-4	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 15:20	95-63-6	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 15:20	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		09/11/17 15:20	75-01-4	
m&p-Xylene	**<1.0**	ug/L	2.0	1.0	1		09/11/17 15:20	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 15:20	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	92	%	61-130		1		09/11/17 15:20	460-00-4	
Dibromofluoromethane (S)	114	%	67-130		1		09/11/17 15:20	1868-53-7	
Toluene-d8 (S)	95	%	70-130		1		09/11/17 15:20	2037-26-5	

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ANALYTICAL RESULTS

Project: KRAFT-HEINZ
Pace Project No.: 40156437

Sample: SB-65 **Lab ID: 40156437002** Collected: 09/08/17 14:55 Received: 09/09/17 09:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 15:43	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		09/11/17 15:43	108-86-1	
Bromochloromethane	**<0.34**	ug/L	1.0	0.34	1		09/11/17 15:43	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		09/11/17 15:43	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		09/11/17 15:43	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		09/11/17 15:43	74-83-9	
n-Butylbenzene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 15:43	104-51-8	
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		09/11/17 15:43	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		09/11/17 15:43	98-06-6	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		09/11/17 15:43	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 15:43	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		09/11/17 15:43	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		09/11/17 15:43	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		09/11/17 15:43	74-87-3	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 15:43	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		09/11/17 15:43	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		09/11/17 15:43	96-12-8	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		09/11/17 15:43	124-48-1	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		09/11/17 15:43	106-93-4	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		09/11/17 15:43	74-95-3	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 15:43	95-50-1	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 15:43	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 15:43	106-46-7	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		09/11/17 15:43	75-71-8	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		09/11/17 15:43	75-34-3	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		09/11/17 15:43	107-06-2	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		09/11/17 15:43	75-35-4	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		09/11/17 15:43	156-59-2	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		09/11/17 15:43	156-60-5	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		09/11/17 15:43	78-87-5	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		09/11/17 15:43	142-28-9	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		09/11/17 15:43	594-20-7	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		09/11/17 15:43	563-58-6	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 15:43	10061-01-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		09/11/17 15:43	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		09/11/17 15:43	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 15:43	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		09/11/17 15:43	87-68-3	
Isopropylbenzene (Cumene)	**<0.14**	ug/L	1.0	0.14	1		09/11/17 15:43	98-82-8	
p-Isopropyltoluene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 15:43	99-87-6	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		09/11/17 15:43	75-09-2	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		09/11/17 15:43	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		09/11/17 15:43	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 15:43	103-65-1	
Styrene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 15:43	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		09/11/17 15:43	630-20-6	

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ANALYTICAL RESULTS

Project: KRAFT-HEINZ
Pace Project No.: 40156437

Sample: SB-65 **Lab ID: 40156437002** Collected: 09/08/17 14:55 Received: 09/09/17 09:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,2,2-Tetrachloroethane	**<0.25**	ug/L	1.0	0.25	1		09/11/17 15:43	79-34-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 15:43	127-18-4	
Toluene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 15:43	108-88-3	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		09/11/17 15:43	87-61-6	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		09/11/17 15:43	120-82-1	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		09/11/17 15:43	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		09/11/17 15:43	79-00-5	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		09/11/17 15:43	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		09/11/17 15:43	75-69-4	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		09/11/17 15:43	96-18-4	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 15:43	95-63-6	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 15:43	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		09/11/17 15:43	75-01-4	
m&p-Xylene	**<1.0**	ug/L	2.0	1.0	1		09/11/17 15:43	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 15:43	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	92	%	61-130		1		09/11/17 15:43	460-00-4	
Dibromofluoromethane (S)	113	%	67-130		1		09/11/17 15:43	1868-53-7	
Toluene-d8 (S)	94	%	70-130		1		09/11/17 15:43	2037-26-5	

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ANALYTICAL RESULTS

Project: KRAFT-HEINZ
Pace Project No.: 40156437

Sample: SB-66S **Lab ID: 40156437003** Collected: 09/08/17 15:00 Received: 09/09/17 09:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 16:05	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		09/11/17 16:05	108-86-1	
Bromochloromethane	**<0.34**	ug/L	1.0	0.34	1		09/11/17 16:05	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		09/11/17 16:05	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		09/11/17 16:05	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		09/11/17 16:05	74-83-9	
n-Butylbenzene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 16:05	104-51-8	
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		09/11/17 16:05	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		09/11/17 16:05	98-06-6	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		09/11/17 16:05	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 16:05	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		09/11/17 16:05	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		09/11/17 16:05	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		09/11/17 16:05	74-87-3	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 16:05	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		09/11/17 16:05	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		09/11/17 16:05	96-12-8	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		09/11/17 16:05	124-48-1	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		09/11/17 16:05	106-93-4	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		09/11/17 16:05	74-95-3	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 16:05	95-50-1	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 16:05	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 16:05	106-46-7	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		09/11/17 16:05	75-71-8	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		09/11/17 16:05	75-34-3	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		09/11/17 16:05	107-06-2	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		09/11/17 16:05	75-35-4	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		09/11/17 16:05	156-59-2	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		09/11/17 16:05	156-60-5	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		09/11/17 16:05	78-87-5	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		09/11/17 16:05	142-28-9	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		09/11/17 16:05	594-20-7	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		09/11/17 16:05	563-58-6	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 16:05	10061-01-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		09/11/17 16:05	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		09/11/17 16:05	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 16:05	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		09/11/17 16:05	87-68-3	
Isopropylbenzene (Cumene)	**<0.14**	ug/L	1.0	0.14	1		09/11/17 16:05	98-82-8	
p-Isopropyltoluene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 16:05	99-87-6	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		09/11/17 16:05	75-09-2	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		09/11/17 16:05	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		09/11/17 16:05	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 16:05	103-65-1	
Styrene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 16:05	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		09/11/17 16:05	630-20-6	

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ANALYTICAL RESULTS

Project: KRAFT-HEINZ
Pace Project No.: 40156437

Sample: SB-66S **Lab ID: 40156437003** Collected: 09/08/17 15:00 Received: 09/09/17 09:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,2,2-Tetrachloroethane	**<0.25**	ug/L	1.0	0.25	1		09/11/17 16:05	79-34-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 16:05	127-18-4	
Toluene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 16:05	108-88-3	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		09/11/17 16:05	87-61-6	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		09/11/17 16:05	120-82-1	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		09/11/17 16:05	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		09/11/17 16:05	79-00-5	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		09/11/17 16:05	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		09/11/17 16:05	75-69-4	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		09/11/17 16:05	96-18-4	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 16:05	95-63-6	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 16:05	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		09/11/17 16:05	75-01-4	
m&p-Xylene	**<1.0**	ug/L	2.0	1.0	1		09/11/17 16:05	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 16:05	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	93	%	61-130		1		09/11/17 16:05	460-00-4	
Dibromofluoromethane (S)	115	%	67-130		1		09/11/17 16:05	1868-53-7	
Toluene-d8 (S)	95	%	70-130		1		09/11/17 16:05	2037-26-5	

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ANALYTICAL RESULTS

Project: KRAFT-HEINZ
Pace Project No.: 40156437

Sample: SB-66D **Lab ID: 40156437004** Collected: 09/08/17 15:10 Received: 09/09/17 09:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<25.0**	ug/L	50.0	25.0	50		09/12/17 09:08	71-43-2	
Bromobenzene	**<11.5**	ug/L	50.0	11.5	50		09/12/17 09:08	108-86-1	
Bromochloromethane	**<17.0**	ug/L	50.0	17.0	50		09/12/17 09:08	74-97-5	
Bromodichloromethane	**<25.0**	ug/L	50.0	25.0	50		09/12/17 09:08	75-27-4	
Bromoform	**<25.0**	ug/L	50.0	25.0	50		09/12/17 09:08	75-25-2	
Bromomethane	**<122**	ug/L	250	122	50		09/12/17 09:08	74-83-9	
n-Butylbenzene	**<25.0**	ug/L	50.0	25.0	50		09/12/17 09:08	104-51-8	
sec-Butylbenzene	**<109**	ug/L	250	109	50		09/12/17 09:08	135-98-8	
tert-Butylbenzene	**<9.0**	ug/L	50.0	9.0	50		09/12/17 09:08	98-06-6	
Carbon tetrachloride	**<25.0**	ug/L	50.0	25.0	50		09/12/17 09:08	56-23-5	
Chlorobenzene	**<25.0**	ug/L	50.0	25.0	50		09/12/17 09:08	108-90-7	
Chloroethane	**<18.7**	ug/L	50.0	18.7	50		09/12/17 09:08	75-00-3	
Chloroform	**<125**	ug/L	250	125	50		09/12/17 09:08	67-66-3	
Chloromethane	**<25.0**	ug/L	50.0	25.0	50		09/12/17 09:08	74-87-3	
2-Chlorotoluene	**<25.0**	ug/L	50.0	25.0	50		09/12/17 09:08	95-49-8	
4-Chlorotoluene	**<10.7**	ug/L	50.0	10.7	50		09/12/17 09:08	106-43-4	
1,2-Dibromo-3-chloropropane	**<108**	ug/L	250	108	50		09/12/17 09:08	96-12-8	
Dibromochloromethane	**<25.0**	ug/L	50.0	25.0	50		09/12/17 09:08	124-48-1	
1,2-Dibromoethane (EDB)	**<8.9**	ug/L	50.0	8.9	50		09/12/17 09:08	106-93-4	
Dibromomethane	**<21.3**	ug/L	50.0	21.3	50		09/12/17 09:08	74-95-3	
1,2-Dichlorobenzene	**<25.0**	ug/L	50.0	25.0	50		09/12/17 09:08	95-50-1	
1,3-Dichlorobenzene	**<25.0**	ug/L	50.0	25.0	50		09/12/17 09:08	541-73-1	
1,4-Dichlorobenzene	**<25.0**	ug/L	50.0	25.0	50		09/12/17 09:08	106-46-7	
Dichlorodifluoromethane	**<11.2**	ug/L	50.0	11.2	50		09/12/17 09:08	75-71-8	
1,1-Dichloroethane	**<12.1**	ug/L	50.0	12.1	50		09/12/17 09:08	75-34-3	
1,2-Dichloroethane	**5540**	ug/L	50.0	8.4	50		09/12/17 09:08	107-06-2	
1,1-Dichloroethene	**<20.5**	ug/L	50.0	20.5	50		09/12/17 09:08	75-35-4	
cis-1,2-Dichloroethene	**<12.8**	ug/L	50.0	12.8	50		09/12/17 09:08	156-59-2	
trans-1,2-Dichloroethene	**<12.8**	ug/L	50.0	12.8	50		09/12/17 09:08	156-60-5	
1,2-Dichloropropane	**<11.7**	ug/L	50.0	11.7	50		09/12/17 09:08	78-87-5	
1,3-Dichloropropane	**<25.0**	ug/L	50.0	25.0	50		09/12/17 09:08	142-28-9	
2,2-Dichloropropane	**<24.2**	ug/L	50.0	24.2	50		09/12/17 09:08	594-20-7	
1,1-Dichloropropene	**<22.1**	ug/L	50.0	22.1	50		09/12/17 09:08	563-58-6	
cis-1,3-Dichloropropene	**<25.0**	ug/L	50.0	25.0	50		09/12/17 09:08	10061-01-5	
trans-1,3-Dichloropropene	**<11.5**	ug/L	50.0	11.5	50		09/12/17 09:08	10061-02-6	
Diisopropyl ether	**<25.0**	ug/L	50.0	25.0	50		09/12/17 09:08	108-20-3	
Ethylbenzene	**<25.0**	ug/L	50.0	25.0	50		09/12/17 09:08	100-41-4	
Hexachloro-1,3-butadiene	**<105**	ug/L	250	105	50		09/12/17 09:08	87-68-3	
Isopropylbenzene (Cumene)	**<7.2**	ug/L	50.0	7.2	50		09/12/17 09:08	98-82-8	
p-Isopropyltoluene	**<25.0**	ug/L	50.0	25.0	50		09/12/17 09:08	99-87-6	
Methylene Chloride	**<11.6**	ug/L	50.0	11.6	50		09/12/17 09:08	75-09-2	
Methyl-tert-butyl ether	**<8.7**	ug/L	50.0	8.7	50		09/12/17 09:08	1634-04-4	
Naphthalene	**<125**	ug/L	250	125	50		09/12/17 09:08	91-20-3	
n-Propylbenzene	**<25.0**	ug/L	50.0	25.0	50		09/12/17 09:08	103-65-1	
Styrene	**<25.0**	ug/L	50.0	25.0	50		09/12/17 09:08	100-42-5	
1,1,1,2-Tetrachloroethane	**<9.0**	ug/L	50.0	9.0	50		09/12/17 09:08	630-20-6	

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ANALYTICAL RESULTS

Project: KRAFT-HEINZ
Pace Project No.: 40156437

Sample: SB-66D **Lab ID: 40156437004** Collected: 09/08/17 15:10 Received: 09/09/17 09:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,2,2-Tetrachloroethane	**<12.5**	ug/L	50.0	12.5	50		09/12/17 09:08	79-34-5	
Tetrachloroethene	**<25.0**	ug/L	50.0	25.0	50		09/12/17 09:08	127-18-4	
Toluene	**<25.0**	ug/L	50.0	25.0	50		09/12/17 09:08	108-88-3	
1,2,3-Trichlorobenzene	**<107**	ug/L	250	107	50		09/12/17 09:08	87-61-6	
1,2,4-Trichlorobenzene	**<110**	ug/L	250	110	50		09/12/17 09:08	120-82-1	
1,1,1-Trichloroethane	**<25.0**	ug/L	50.0	25.0	50		09/12/17 09:08	71-55-6	
1,1,2-Trichloroethane	**<9.9**	ug/L	50.0	9.9	50		09/12/17 09:08	79-00-5	
Trichloroethene	**<16.5**	ug/L	50.0	16.5	50		09/12/17 09:08	79-01-6	
Trichlorofluoromethane	**<9.2**	ug/L	50.0	9.2	50		09/12/17 09:08	75-69-4	
1,2,3-Trichloropropane	**<25.0**	ug/L	50.0	25.0	50		09/12/17 09:08	96-18-4	
1,2,4-Trimethylbenzene	**<25.0**	ug/L	50.0	25.0	50		09/12/17 09:08	95-63-6	
1,3,5-Trimethylbenzene	**<25.0**	ug/L	50.0	25.0	50		09/12/17 09:08	108-67-8	
Vinyl chloride	**55.2**	ug/L	50.0	8.8	50		09/12/17 09:08	75-01-4	
m&p-Xylene	**<50.0**	ug/L	100	50.0	50		09/12/17 09:08	179601-23-1	
o-Xylene	**<25.0**	ug/L	50.0	25.0	50		09/12/17 09:08	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	94	%	61-130		50		09/12/17 09:08	460-00-4	HS
Dibromofluoromethane (S)	111	%	67-130		50		09/12/17 09:08	1868-53-7	
Toluene-d8 (S)	95	%	70-130		50		09/12/17 09:08	2037-26-5	

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ANALYTICAL RESULTS

Project: KRAFT-HEINZ
Pace Project No.: 40156437

Sample: SB-67 **Lab ID: 40156437005** Collected: 09/08/17 15:20 Received: 09/09/17 09:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<0.50**	ug/L	1.0	0.50	1		09/12/17 07:38	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		09/12/17 07:38	108-86-1	
Bromochloromethane	**<0.34**	ug/L	1.0	0.34	1		09/12/17 07:38	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		09/12/17 07:38	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		09/12/17 07:38	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		09/12/17 07:38	74-83-9	
n-Butylbenzene	**<0.50**	ug/L	1.0	0.50	1		09/12/17 07:38	104-51-8	
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		09/12/17 07:38	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		09/12/17 07:38	98-06-6	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		09/12/17 07:38	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		09/12/17 07:38	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		09/12/17 07:38	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		09/12/17 07:38	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		09/12/17 07:38	74-87-3	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		09/12/17 07:38	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		09/12/17 07:38	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		09/12/17 07:38	96-12-8	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		09/12/17 07:38	124-48-1	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		09/12/17 07:38	106-93-4	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		09/12/17 07:38	74-95-3	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		09/12/17 07:38	95-50-1	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		09/12/17 07:38	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		09/12/17 07:38	106-46-7	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		09/12/17 07:38	75-71-8	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		09/12/17 07:38	75-34-3	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		09/12/17 07:38	107-06-2	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		09/12/17 07:38	75-35-4	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		09/12/17 07:38	156-59-2	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		09/12/17 07:38	156-60-5	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		09/12/17 07:38	78-87-5	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		09/12/17 07:38	142-28-9	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		09/12/17 07:38	594-20-7	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		09/12/17 07:38	563-58-6	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		09/12/17 07:38	10061-01-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		09/12/17 07:38	10061-02-6	
Diisopropyl ether	**6.2**	ug/L	1.0	0.50	1		09/12/17 07:38	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		09/12/17 07:38	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		09/12/17 07:38	87-68-3	
Isopropylbenzene (Cumene)	**<0.14**	ug/L	1.0	0.14	1		09/12/17 07:38	98-82-8	
p-Isopropyltoluene	**<0.50**	ug/L	1.0	0.50	1		09/12/17 07:38	99-87-6	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		09/12/17 07:38	75-09-2	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		09/12/17 07:38	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		09/12/17 07:38	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		09/12/17 07:38	103-65-1	
Styrene	**<0.50**	ug/L	1.0	0.50	1		09/12/17 07:38	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		09/12/17 07:38	630-20-6	

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ANALYTICAL RESULTS

Project: KRAFT-HEINZ
Pace Project No.: 40156437

Sample: SB-67 **Lab ID: 40156437005** Collected: 09/08/17 15:20 Received: 09/09/17 09:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,2,2-Tetrachloroethane	**<0.25**	ug/L	1.0	0.25	1		09/12/17 07:38	79-34-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		09/12/17 07:38	127-18-4	
Toluene	**<0.50**	ug/L	1.0	0.50	1		09/12/17 07:38	108-88-3	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		09/12/17 07:38	87-61-6	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		09/12/17 07:38	120-82-1	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		09/12/17 07:38	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		09/12/17 07:38	79-00-5	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		09/12/17 07:38	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		09/12/17 07:38	75-69-4	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		09/12/17 07:38	96-18-4	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		09/12/17 07:38	95-63-6	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		09/12/17 07:38	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		09/12/17 07:38	75-01-4	
m&p-Xylene	**<1.0**	ug/L	2.0	1.0	1		09/12/17 07:38	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		09/12/17 07:38	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	91	%	61-130		1		09/12/17 07:38	460-00-4	
Dibromofluoromethane (S)	112	%	67-130		1		09/12/17 07:38	1868-53-7	
Toluene-d8 (S)	94	%	70-130		1		09/12/17 07:38	2037-26-5	

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ANALYTICAL RESULTS

Project: KRAFT-HEINZ
Pace Project No.: 40156437

Sample: SB-68S **Lab ID: 40156437006** Collected: 09/08/17 15:30 Received: 09/09/17 09:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<0.50**	ug/L	1.0	0.50	1		09/12/17 08:00	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		09/12/17 08:00	108-86-1	
Bromochloromethane	**<0.34**	ug/L	1.0	0.34	1		09/12/17 08:00	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		09/12/17 08:00	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		09/12/17 08:00	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		09/12/17 08:00	74-83-9	
n-Butylbenzene	**<0.50**	ug/L	1.0	0.50	1		09/12/17 08:00	104-51-8	
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		09/12/17 08:00	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		09/12/17 08:00	98-06-6	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		09/12/17 08:00	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		09/12/17 08:00	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		09/12/17 08:00	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		09/12/17 08:00	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		09/12/17 08:00	74-87-3	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		09/12/17 08:00	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		09/12/17 08:00	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		09/12/17 08:00	96-12-8	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		09/12/17 08:00	124-48-1	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		09/12/17 08:00	106-93-4	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		09/12/17 08:00	74-95-3	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		09/12/17 08:00	95-50-1	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		09/12/17 08:00	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		09/12/17 08:00	106-46-7	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		09/12/17 08:00	75-71-8	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		09/12/17 08:00	75-34-3	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		09/12/17 08:00	107-06-2	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		09/12/17 08:00	75-35-4	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		09/12/17 08:00	156-59-2	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		09/12/17 08:00	156-60-5	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		09/12/17 08:00	78-87-5	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		09/12/17 08:00	142-28-9	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		09/12/17 08:00	594-20-7	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		09/12/17 08:00	563-58-6	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		09/12/17 08:00	10061-01-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		09/12/17 08:00	10061-02-6	
Diisopropyl ether	**0.96J**	ug/L	1.0	0.50	1		09/12/17 08:00	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		09/12/17 08:00	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		09/12/17 08:00	87-68-3	
Isopropylbenzene (Cumene)	**<0.14**	ug/L	1.0	0.14	1		09/12/17 08:00	98-82-8	
p-Isopropyltoluene	**<0.50**	ug/L	1.0	0.50	1		09/12/17 08:00	99-87-6	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		09/12/17 08:00	75-09-2	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		09/12/17 08:00	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		09/12/17 08:00	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		09/12/17 08:00	103-65-1	
Styrene	**<0.50**	ug/L	1.0	0.50	1		09/12/17 08:00	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		09/12/17 08:00	630-20-6	

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ANALYTICAL RESULTS

Project: KRAFT-HEINZ
Pace Project No.: 40156437

Sample: SB-68S **Lab ID: 40156437006** Collected: 09/08/17 15:30 Received: 09/09/17 09:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,2,2-Tetrachloroethane	**<0.25**	ug/L	1.0	0.25	1		09/12/17 08:00	79-34-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		09/12/17 08:00	127-18-4	
Toluene	**<0.50**	ug/L	1.0	0.50	1		09/12/17 08:00	108-88-3	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		09/12/17 08:00	87-61-6	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		09/12/17 08:00	120-82-1	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		09/12/17 08:00	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		09/12/17 08:00	79-00-5	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		09/12/17 08:00	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		09/12/17 08:00	75-69-4	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		09/12/17 08:00	96-18-4	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		09/12/17 08:00	95-63-6	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		09/12/17 08:00	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		09/12/17 08:00	75-01-4	
m&p-Xylene	**<1.0**	ug/L	2.0	1.0	1		09/12/17 08:00	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		09/12/17 08:00	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	92	%	61-130		1		09/12/17 08:00	460-00-4	
Dibromofluoromethane (S)	113	%	67-130		1		09/12/17 08:00	1868-53-7	
Toluene-d8 (S)	95	%	70-130		1		09/12/17 08:00	2037-26-5	

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ANALYTICAL RESULTS

Project: KRAFT-HEINZ
Pace Project No.: 40156437

Sample: SB-68D **Lab ID: 40156437007** Collected: 09/08/17 15:40 Received: 09/09/17 09:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<0.50**	ug/L	1.0	0.50	1		09/12/17 08:23	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		09/12/17 08:23	108-86-1	
Bromochloromethane	**<0.34**	ug/L	1.0	0.34	1		09/12/17 08:23	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		09/12/17 08:23	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		09/12/17 08:23	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		09/12/17 08:23	74-83-9	
n-Butylbenzene	**<0.50**	ug/L	1.0	0.50	1		09/12/17 08:23	104-51-8	
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		09/12/17 08:23	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		09/12/17 08:23	98-06-6	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		09/12/17 08:23	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		09/12/17 08:23	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		09/12/17 08:23	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		09/12/17 08:23	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		09/12/17 08:23	74-87-3	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		09/12/17 08:23	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		09/12/17 08:23	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		09/12/17 08:23	96-12-8	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		09/12/17 08:23	124-48-1	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		09/12/17 08:23	106-93-4	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		09/12/17 08:23	74-95-3	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		09/12/17 08:23	95-50-1	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		09/12/17 08:23	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		09/12/17 08:23	106-46-7	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		09/12/17 08:23	75-71-8	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		09/12/17 08:23	75-34-3	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		09/12/17 08:23	107-06-2	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		09/12/17 08:23	75-35-4	
cis-1,2-Dichloroethene	**0.27J**	ug/L	1.0	0.26	1		09/12/17 08:23	156-59-2	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		09/12/17 08:23	156-60-5	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		09/12/17 08:23	78-87-5	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		09/12/17 08:23	142-28-9	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		09/12/17 08:23	594-20-7	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		09/12/17 08:23	563-58-6	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		09/12/17 08:23	10061-01-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		09/12/17 08:23	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		09/12/17 08:23	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		09/12/17 08:23	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		09/12/17 08:23	87-68-3	
Isopropylbenzene (Cumene)	**<0.14**	ug/L	1.0	0.14	1		09/12/17 08:23	98-82-8	
p-Isopropyltoluene	**<0.50**	ug/L	1.0	0.50	1		09/12/17 08:23	99-87-6	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		09/12/17 08:23	75-09-2	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		09/12/17 08:23	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		09/12/17 08:23	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		09/12/17 08:23	103-65-1	
Styrene	**<0.50**	ug/L	1.0	0.50	1		09/12/17 08:23	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		09/12/17 08:23	630-20-6	

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ANALYTICAL RESULTS

Project: KRAFT-HEINZ
Pace Project No.: 40156437

Sample: SB-68D **Lab ID: 40156437007** Collected: 09/08/17 15:40 Received: 09/09/17 09:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,2,2-Tetrachloroethane	**<0.25**	ug/L	1.0	0.25	1		09/12/17 08:23	79-34-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		09/12/17 08:23	127-18-4	
Toluene	**<0.50**	ug/L	1.0	0.50	1		09/12/17 08:23	108-88-3	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		09/12/17 08:23	87-61-6	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		09/12/17 08:23	120-82-1	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		09/12/17 08:23	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		09/12/17 08:23	79-00-5	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		09/12/17 08:23	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		09/12/17 08:23	75-69-4	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		09/12/17 08:23	96-18-4	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		09/12/17 08:23	95-63-6	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		09/12/17 08:23	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		09/12/17 08:23	75-01-4	
m&p-Xylene	**<1.0**	ug/L	2.0	1.0	1		09/12/17 08:23	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		09/12/17 08:23	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	93	%	61-130		1		09/12/17 08:23	460-00-4	
Dibromofluoromethane (S)	112	%	67-130		1		09/12/17 08:23	1868-53-7	
Toluene-d8 (S)	94	%	70-130		1		09/12/17 08:23	2037-26-5	

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ANALYTICAL RESULTS

Project: KRAFT-HEINZ
Pace Project No.: 40156437

Sample: SB-69 **Lab ID: 40156437008** Collected: 09/08/17 15:50 Received: 09/09/17 09:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<0.50**	ug/L	1.0	0.50	1		09/12/17 08:45	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		09/12/17 08:45	108-86-1	
Bromochloromethane	**<0.34**	ug/L	1.0	0.34	1		09/12/17 08:45	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		09/12/17 08:45	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		09/12/17 08:45	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		09/12/17 08:45	74-83-9	
n-Butylbenzene	**<0.50**	ug/L	1.0	0.50	1		09/12/17 08:45	104-51-8	
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		09/12/17 08:45	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		09/12/17 08:45	98-06-6	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		09/12/17 08:45	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		09/12/17 08:45	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		09/12/17 08:45	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		09/12/17 08:45	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		09/12/17 08:45	74-87-3	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		09/12/17 08:45	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		09/12/17 08:45	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		09/12/17 08:45	96-12-8	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		09/12/17 08:45	124-48-1	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		09/12/17 08:45	106-93-4	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		09/12/17 08:45	74-95-3	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		09/12/17 08:45	95-50-1	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		09/12/17 08:45	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		09/12/17 08:45	106-46-7	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		09/12/17 08:45	75-71-8	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		09/12/17 08:45	75-34-3	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		09/12/17 08:45	107-06-2	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		09/12/17 08:45	75-35-4	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		09/12/17 08:45	156-59-2	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		09/12/17 08:45	156-60-5	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		09/12/17 08:45	78-87-5	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		09/12/17 08:45	142-28-9	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		09/12/17 08:45	594-20-7	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		09/12/17 08:45	563-58-6	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		09/12/17 08:45	10061-01-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		09/12/17 08:45	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		09/12/17 08:45	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		09/12/17 08:45	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		09/12/17 08:45	87-68-3	
Isopropylbenzene (Cumene)	**<0.14**	ug/L	1.0	0.14	1		09/12/17 08:45	98-82-8	
p-Isopropyltoluene	**<0.50**	ug/L	1.0	0.50	1		09/12/17 08:45	99-87-6	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		09/12/17 08:45	75-09-2	
Methyl-tert-butyl ether	**2.7**	ug/L	1.0	0.17	1		09/12/17 08:45	1634-04-4	
Naphthalene	**3.0J**	ug/L	5.0	2.5	1		09/12/17 08:45	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		09/12/17 08:45	103-65-1	
Styrene	**<0.50**	ug/L	1.0	0.50	1		09/12/17 08:45	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		09/12/17 08:45	630-20-6	

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ANALYTICAL RESULTS

Project: KRAFT-HEINZ
Pace Project No.: 40156437

Sample: SB-69 **Lab ID: 40156437008** Collected: 09/08/17 15:50 Received: 09/09/17 09:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,2,2-Tetrachloroethane	**<0.25**	ug/L	1.0	0.25	1		09/12/17 08:45	79-34-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		09/12/17 08:45	127-18-4	
Toluene	**<0.50**	ug/L	1.0	0.50	1		09/12/17 08:45	108-88-3	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		09/12/17 08:45	87-61-6	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		09/12/17 08:45	120-82-1	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		09/12/17 08:45	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		09/12/17 08:45	79-00-5	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		09/12/17 08:45	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		09/12/17 08:45	75-69-4	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		09/12/17 08:45	96-18-4	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		09/12/17 08:45	95-63-6	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		09/12/17 08:45	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		09/12/17 08:45	75-01-4	
m&p-Xylene	**<1.0**	ug/L	2.0	1.0	1		09/12/17 08:45	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		09/12/17 08:45	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	93	%	61-130		1		09/12/17 08:45	460-00-4	
Dibromofluoromethane (S)	113	%	67-130		1		09/12/17 08:45	1868-53-7	
Toluene-d8 (S)	95	%	70-130		1		09/12/17 08:45	2037-26-5	

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ANALYTICAL RESULTS

Project: KRAFT-HEINZ
Pace Project No.: 40156437

Sample: SB-15D **Lab ID: 40156437009** Collected: 09/08/17 16:10 Received: 09/09/17 09:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Benzene	**1.0**	ug/L	1.0	0.50	1		09/11/17 18:19	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		09/11/17 18:19	108-86-1	
Bromochloromethane	**<0.34**	ug/L	1.0	0.34	1		09/11/17 18:19	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		09/11/17 18:19	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		09/11/17 18:19	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		09/11/17 18:19	74-83-9	
n-Butylbenzene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 18:19	104-51-8	
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		09/11/17 18:19	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		09/11/17 18:19	98-06-6	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		09/11/17 18:19	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 18:19	108-90-7	
Chloroethane	**1.1**	ug/L	1.0	0.37	1		09/11/17 18:19	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		09/11/17 18:19	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		09/11/17 18:19	74-87-3	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 18:19	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		09/11/17 18:19	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		09/11/17 18:19	96-12-8	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		09/11/17 18:19	124-48-1	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		09/11/17 18:19	106-93-4	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		09/11/17 18:19	74-95-3	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 18:19	95-50-1	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 18:19	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 18:19	106-46-7	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		09/11/17 18:19	75-71-8	
1,1-Dichloroethane	**0.26J**	ug/L	1.0	0.24	1		09/11/17 18:19	75-34-3	
1,2-Dichloroethane	**11.9**	ug/L	1.0	0.17	1		09/11/17 18:19	107-06-2	
1,1-Dichloroethene	**2.0**	ug/L	1.0	0.41	1		09/11/17 18:19	75-35-4	
cis-1,2-Dichloroethene	**2.8**	ug/L	1.0	0.26	1		09/11/17 18:19	156-59-2	
trans-1,2-Dichloroethene	**1.4**	ug/L	1.0	0.26	1		09/11/17 18:19	156-60-5	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		09/11/17 18:19	78-87-5	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		09/11/17 18:19	142-28-9	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		09/11/17 18:19	594-20-7	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		09/11/17 18:19	563-58-6	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 18:19	10061-01-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		09/11/17 18:19	10061-02-6	
Diisopropyl ether	**8.0**	ug/L	1.0	0.50	1		09/11/17 18:19	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 18:19	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		09/11/17 18:19	87-68-3	
Isopropylbenzene (Cumene)	**<0.14**	ug/L	1.0	0.14	1		09/11/17 18:19	98-82-8	
p-Isopropyltoluene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 18:19	99-87-6	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		09/11/17 18:19	75-09-2	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		09/11/17 18:19	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		09/11/17 18:19	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 18:19	103-65-1	
Styrene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 18:19	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		09/11/17 18:19	630-20-6	

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ANALYTICAL RESULTS

Project: KRAFT-HEINZ
Pace Project No.: 40156437

Sample: SB-15D **Lab ID: 40156437009** Collected: 09/08/17 16:10 Received: 09/09/17 09:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,2,2-Tetrachloroethane	**<0.25**	ug/L	1.0	0.25	1		09/11/17 18:19	79-34-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 18:19	127-18-4	
Toluene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 18:19	108-88-3	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		09/11/17 18:19	87-61-6	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		09/11/17 18:19	120-82-1	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		09/11/17 18:19	71-55-6	
1,1,2-Trichloroethane	**0.42J**	ug/L	1.0	0.20	1		09/11/17 18:19	79-00-5	
Trichloroethene	**0.52J**	ug/L	1.0	0.33	1		09/11/17 18:19	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		09/11/17 18:19	75-69-4	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		09/11/17 18:19	96-18-4	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 18:19	95-63-6	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 18:19	108-67-8	
Vinyl chloride	**146**	ug/L	1.0	0.18	1		09/11/17 18:19	75-01-4	
m&p-Xylene	**<1.0**	ug/L	2.0	1.0	1		09/11/17 18:19	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 18:19	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	93	%	61-130		1		09/11/17 18:19	460-00-4	
Dibromofluoromethane (S)	113	%	67-130		1		09/11/17 18:19	1868-53-7	
Toluene-d8 (S)	95	%	70-130		1		09/11/17 18:19	2037-26-5	

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ANALYTICAL RESULTS

Project: KRAFT-HEINZ
Pace Project No.: 40156437

Sample: TB **Lab ID: 40156437010** Collected: 09/08/17 00:00 Received: 09/09/17 09:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 11:09	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		09/11/17 11:09	108-86-1	
Bromochloromethane	**<0.34**	ug/L	1.0	0.34	1		09/11/17 11:09	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		09/11/17 11:09	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		09/11/17 11:09	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		09/11/17 11:09	74-83-9	
n-Butylbenzene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 11:09	104-51-8	
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		09/11/17 11:09	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		09/11/17 11:09	98-06-6	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		09/11/17 11:09	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 11:09	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		09/11/17 11:09	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		09/11/17 11:09	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		09/11/17 11:09	74-87-3	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 11:09	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		09/11/17 11:09	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		09/11/17 11:09	96-12-8	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		09/11/17 11:09	124-48-1	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		09/11/17 11:09	106-93-4	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		09/11/17 11:09	74-95-3	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 11:09	95-50-1	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 11:09	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 11:09	106-46-7	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		09/11/17 11:09	75-71-8	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		09/11/17 11:09	75-34-3	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		09/11/17 11:09	107-06-2	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		09/11/17 11:09	75-35-4	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		09/11/17 11:09	156-59-2	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		09/11/17 11:09	156-60-5	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		09/11/17 11:09	78-87-5	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		09/11/17 11:09	142-28-9	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		09/11/17 11:09	594-20-7	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		09/11/17 11:09	563-58-6	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 11:09	10061-01-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		09/11/17 11:09	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		09/11/17 11:09	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 11:09	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		09/11/17 11:09	87-68-3	
Isopropylbenzene (Cumene)	**<0.14**	ug/L	1.0	0.14	1		09/11/17 11:09	98-82-8	
p-Isopropyltoluene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 11:09	99-87-6	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		09/11/17 11:09	75-09-2	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		09/11/17 11:09	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		09/11/17 11:09	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 11:09	103-65-1	
Styrene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 11:09	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		09/11/17 11:09	630-20-6	

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ANALYTICAL RESULTS

Project: KRAFT-HEINZ
Pace Project No.: 40156437

Sample: TB **Lab ID: 40156437010** Collected: 09/08/17 00:00 Received: 09/09/17 09:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,2,2-Tetrachloroethane	**<0.25**	ug/L	1.0	0.25	1		09/11/17 11:09	79-34-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 11:09	127-18-4	
Toluene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 11:09	108-88-3	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		09/11/17 11:09	87-61-6	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		09/11/17 11:09	120-82-1	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		09/11/17 11:09	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		09/11/17 11:09	79-00-5	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		09/11/17 11:09	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		09/11/17 11:09	75-69-4	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		09/11/17 11:09	96-18-4	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 11:09	95-63-6	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 11:09	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		09/11/17 11:09	75-01-4	
m&p-Xylene	**<1.0**	ug/L	2.0	1.0	1		09/11/17 11:09	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		09/11/17 11:09	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	93	%	61-130		1		09/11/17 11:09	460-00-4	
Dibromofluoromethane (S)	111	%	67-130		1		09/11/17 11:09	1868-53-7	
Toluene-d8 (S)	96	%	70-130		1		09/11/17 11:09	2037-26-5	

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QUALITY CONTROL DATA

Project: KRAFT-HEINZ
Pace Project No.: 40156437

QC Batch: 267177 | Analysis Method: EPA 8260
QC Batch Method: EPA 8260 | Analysis Description: 8260 MSV
Associated Lab Samples: 40156437001, 40156437002, 40156437003, 40156437004, 40156437005, 40156437006, 40156437007, 40156437008, 40156437009, 40156437010

METHOD BLANK: 1570080 | Matrix: Water
Associated Lab Samples: 40156437001, 40156437002, 40156437003, 40156437004, 40156437005, 40156437006, 40156437007, 40156437008, 40156437009, 40156437010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.18	1.0	09/11/17 09:15	
1,1,1-Trichloroethane	ug/L	<0.50	1.0	09/11/17 09:15	
1,1,2,2-Tetrachloroethane	ug/L	<0.25	1.0	09/11/17 09:15	
1,1,2-Trichloroethane	ug/L	<0.20	1.0	09/11/17 09:15	
1,1-Dichloroethane	ug/L	<0.24	1.0	09/11/17 09:15	
1,1-Dichloroethene	ug/L	<0.41	1.0	09/11/17 09:15	
1,1-Dichloropropene	ug/L	<0.44	1.0	09/11/17 09:15	
1,2,3-Trichlorobenzene	ug/L	<2.1	5.0	09/11/17 09:15	
1,2,3-Trichloropropane	ug/L	<0.50	1.0	09/11/17 09:15	
1,2,4-Trichlorobenzene	ug/L	<2.2	5.0	09/11/17 09:15	
1,2,4-Trimethylbenzene	ug/L	<0.50	1.0	09/11/17 09:15	
1,2-Dibromo-3-chloropropane	ug/L	<2.2	5.0	09/11/17 09:15	
1,2-Dibromoethane (EDB)	ug/L	<0.18	1.0	09/11/17 09:15	
1,2-Dichlorobenzene	ug/L	<0.50	1.0	09/11/17 09:15	
1,2-Dichloroethane	ug/L	<0.17	1.0	09/11/17 09:15	
1,2-Dichloropropane	ug/L	<0.23	1.0	09/11/17 09:15	
1,3,5-Trimethylbenzene	ug/L	<0.50	1.0	09/11/17 09:15	
1,3-Dichlorobenzene	ug/L	<0.50	1.0	09/11/17 09:15	
1,3-Dichloropropane	ug/L	<0.50	1.0	09/11/17 09:15	
1,4-Dichlorobenzene	ug/L	<0.50	1.0	09/11/17 09:15	
2,2-Dichloropropane	ug/L	<0.48	1.0	09/11/17 09:15	
2-Chlorotoluene	ug/L	<0.50	1.0	09/11/17 09:15	
4-Chlorotoluene	ug/L	<0.21	1.0	09/11/17 09:15	
Benzene	ug/L	<0.50	1.0	09/11/17 09:15	
Bromobenzene	ug/L	<0.23	1.0	09/11/17 09:15	
Bromochloromethane	ug/L	<0.34	1.0	09/11/17 09:15	
Bromodichloromethane	ug/L	<0.50	1.0	09/11/17 09:15	
Bromoform	ug/L	<0.50	1.0	09/11/17 09:15	
Bromomethane	ug/L	<2.4	5.0	09/11/17 09:15	
Carbon tetrachloride	ug/L	<0.50	1.0	09/11/17 09:15	
Chlorobenzene	ug/L	<0.50	1.0	09/11/17 09:15	
Chloroethane	ug/L	<0.37	1.0	09/11/17 09:15	
Chloroform	ug/L	<2.5	5.0	09/11/17 09:15	
Chloromethane	ug/L	<0.50	1.0	09/11/17 09:15	
cis-1,2-Dichloroethene	ug/L	<0.26	1.0	09/11/17 09:15	
cis-1,3-Dichloropropene	ug/L	<0.50	1.0	09/11/17 09:15	
Dibromochloromethane	ug/L	<0.50	1.0	09/11/17 09:15	
Dibromomethane	ug/L	<0.43	1.0	09/11/17 09:15	
Dichlorodifluoromethane	ug/L	<0.22	1.0	09/11/17 09:15	
Diisopropyl ether	ug/L	<0.50	1.0	09/11/17 09:15	

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QUALITY CONTROL DATA

Project: KRAFT-HEINZ
Pace Project No.: 40156437

METHOD BLANK: 1570080 Matrix: Water

Associated Lab Samples: 40156437001, 40156437002, 40156437003, 40156437004, 40156437005, 40156437006, 40156437007, 40156437008, 40156437009, 40156437010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/L	<0.50	1.0	09/11/17 09:15	
Hexachloro-1,3-butadiene	ug/L	<2.1	5.0	09/11/17 09:15	
Isopropylbenzene (Cumene)	ug/L	<0.14	1.0	09/11/17 09:15	
m&p-Xylene	ug/L	<1.0	2.0	09/11/17 09:15	
Methyl-tert-butyl ether	ug/L	<0.17	1.0	09/11/17 09:15	
Methylene Chloride	ug/L	<0.23	1.0	09/11/17 09:15	
n-Butylbenzene	ug/L	<0.50	1.0	09/11/17 09:15	
n-Propylbenzene	ug/L	<0.50	1.0	09/11/17 09:15	
Naphthalene	ug/L	<2.5	5.0	09/11/17 09:15	
o-Xylene	ug/L	<0.50	1.0	09/11/17 09:15	
p-Isopropyltoluene	ug/L	<0.50	1.0	09/11/17 09:15	
sec-Butylbenzene	ug/L	<2.2	5.0	09/11/17 09:15	
Styrene	ug/L	<0.50	1.0	09/11/17 09:15	
tert-Butylbenzene	ug/L	<0.18	1.0	09/11/17 09:15	
Tetrachloroethene	ug/L	<0.50	1.0	09/11/17 09:15	
Toluene	ug/L	<0.50	1.0	09/11/17 09:15	
trans-1,2-Dichloroethene	ug/L	<0.26	1.0	09/11/17 09:15	
trans-1,3-Dichloropropene	ug/L	<0.23	1.0	09/11/17 09:15	
Trichloroethene	ug/L	<0.33	1.0	09/11/17 09:15	
Trichlorofluoromethane	ug/L	<0.18	1.0	09/11/17 09:15	
Vinyl chloride	ug/L	<0.18	1.0	09/11/17 09:15	
4-Bromofluorobenzene (S)	%	93	61-130	09/11/17 09:15	
Dibromofluoromethane (S)	%	110	67-130	09/11/17 09:15	
Toluene-d8 (S)	%	96	70-130	09/11/17 09:15	

LABORATORY CONTROL SAMPLE: 1570081

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	54.7	109	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	49.5	99	70-130	
1,1,2-Trichloroethane	ug/L	50	52.1	104	70-130	
1,1-Dichloroethane	ug/L	50	57.6	115	71-132	
1,1-Dichloroethene	ug/L	50	48.1	96	75-130	
1,2,4-Trichlorobenzene	ug/L	50	48.3	97	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	46.7	93	63-123	
1,2-Dibromoethane (EDB)	ug/L	50	53.2	106	70-130	
1,2-Dichlorobenzene	ug/L	50	51.7	103	70-130	
1,2-Dichloroethane	ug/L	50	56.8	114	70-131	
1,2-Dichloropropane	ug/L	50	53.8	108	80-120	
1,3-Dichlorobenzene	ug/L	50	51.7	103	70-130	
1,4-Dichlorobenzene	ug/L	50	53.0	106	70-130	
Benzene	ug/L	50	49.7	99	73-145	
Bromodichloromethane	ug/L	50	53.9	108	70-130	

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QUALITY CONTROL DATA

Project: KRAFT-HEINZ
Pace Project No.: 40156437

LABORATORY CONTROL SAMPLE: 1570081

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromoform	ug/L	50	56.6	113	67-130	
Bromomethane	ug/L	50	46.1	92	26-128	
Carbon tetrachloride	ug/L	50	59.7	119	70-133	
Chlorobenzene	ug/L	50	54.4	109	70-130	
Chloroethane	ug/L	50	45.8	92	58-120	
Chloroform	ug/L	50	54.2	108	80-121	
Chloromethane	ug/L	50	32.0	64	40-127	
cis-1,2-Dichloroethene	ug/L	50	51.1	102	70-130	
cis-1,3-Dichloropropene	ug/L	50	47.3	95	70-130	
Dibromochloromethane	ug/L	50	55.7	111	70-130	
Dichlorodifluoromethane	ug/L	50	19.8	40	20-135	
Ethylbenzene	ug/L	50	51.6	103	87-129	
Isopropylbenzene (Cumene)	ug/L	50	52.7	105	70-130	
m&p-Xylene	ug/L	100	106	106	70-130	
Methyl-tert-butyl ether	ug/L	50	53.8	108	66-143	
Methylene Chloride	ug/L	50	51.9	104	70-130	
o-Xylene	ug/L	50	52.2	104	70-130	
Styrene	ug/L	50	52.3	105	70-130	
Tetrachloroethene	ug/L	50	56.0	112	70-130	
Toluene	ug/L	50	50.8	102	82-130	
trans-1,2-Dichloroethene	ug/L	50	53.1	106	75-132	
trans-1,3-Dichloropropene	ug/L	50	45.9	92	70-130	
Trichloroethene	ug/L	50	54.6	109	70-130	
Trichlorofluoromethane	ug/L	50	58.6	117	76-133	
Vinyl chloride	ug/L	50	38.5	77	57-136	
4-Bromofluorobenzene (S)	%			98	61-130	
Dibromofluoromethane (S)	%			110	67-130	
Toluene-d8 (S)	%			96	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1570119 1570120

Parameter	Units	40156442006 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1-Trichloroethane	ug/L	<0.50	50	50	52.1	52.9	104	106	70-134	2	20	
1,1,2,2-Tetrachloroethane	ug/L	<0.25	50	50	48.9	49.5	98	99	70-130	1	20	
1,1,2-Trichloroethane	ug/L	<0.20	50	50	51.2	51.9	102	104	70-130	1	20	
1,1-Dichloroethane	ug/L	<0.24	50	50	56.3	56.5	113	113	71-133	0	20	
1,1-Dichloroethene	ug/L	<0.41	50	50	48.2	49.0	96	98	75-136	2	20	
1,2,4-Trichlorobenzene	ug/L	<2.2	50	50	48.2	48.8	96	98	70-130	1	20	
1,2-Dibromo-3-chloropropane	ug/L	<2.2	50	50	46.9	48.2	94	96	63-123	3	20	
1,2-Dibromoethane (EDB)	ug/L	<0.18	50	50	53.1	53.6	106	107	70-130	1	20	
1,2-Dichlorobenzene	ug/L	<0.50	50	50	50.5	50.6	101	101	70-130	0	20	
1,2-Dichloroethane	ug/L	<0.17	50	50	55.3	55.7	111	111	70-131	1	20	
1,2-Dichloropropane	ug/L	<0.23	50	50	50.9	51.0	102	102	80-120	0	20	

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QUALITY CONTROL DATA

Project: KRAFT-HEINZ
Pace Project No.: 40156437

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1570119 1570120

Parameter	Units	40156442006 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,3-Dichlorobenzene	ug/L	<0.50	50	50	50.6	50.7	101	101	70-130	0	20	
1,4-Dichlorobenzene	ug/L	<0.50	50	50	51.8	51.9	104	104	70-130	0	20	
Benzene	ug/L	<0.50	50	50	48.4	48.7	97	97	73-145	1	20	
Bromodichloromethane	ug/L	<0.50	50	50	51.4	51.8	103	104	70-130	1	20	
Bromoform	ug/L	<0.50	50	50	54.9	55.4	110	111	67-130	1	20	
Bromomethane	ug/L	<2.4	50	50	51.7	54.2	103	108	26-129	5	20	
Carbon tetrachloride	ug/L	<0.50	50	50	56.4	57.9	113	116	70-134	3	20	
Chlorobenzene	ug/L	<0.50	50	50	53.0	53.2	106	106	70-130	0	20	
Chloroethane	ug/L	<0.37	50	50	44.9	45.9	90	92	58-120	2	20	
Chloroform	ug/L	<2.5	50	50	52.4	52.7	105	105	80-121	1	20	
Chloromethane	ug/L	<0.50	50	50	38.8	39.9	78	80	40-128	3	20	
cis-1,2-Dichloroethene	ug/L	<0.26	50	50	47.4	46.1	95	92	70-130	3	20	
cis-1,3-Dichloropropene	ug/L	<0.50	50	50	46.4	46.9	93	94	70-130	1	20	
Dibromochloromethane	ug/L	<0.50	50	50	54.4	54.5	109	109	70-130	0	20	
Dichlorodifluoromethane	ug/L	<0.22	50	50	33.8	34.4	68	69	20-146	2	20	
Ethylbenzene	ug/L	<0.50	50	50	50.4	50.8	101	102	87-129	1	20	
Isopropylbenzene (Cumene)	ug/L	<0.14	50	50	51.7	51.8	103	104	70-130	0	20	
m&p-Xylene	ug/L	<1.0	100	100	104	104	104	104	70-130	1	20	
Methyl-tert-butyl ether	ug/L	<0.17	50	50	51.6	52.3	103	105	66-143	1	20	
Methylene Chloride	ug/L	<0.23	50	50	50.7	51.2	101	102	70-130	1	20	
o-Xylene	ug/L	<0.50	50	50	50.8	51.2	102	102	70-130	1	20	
Styrene	ug/L	<0.50	50	50	51.0	51.3	102	103	70-130	1	20	
Tetrachloroethene	ug/L	<0.50	50	50	54.4	55.1	109	110	70-130	1	20	
Toluene	ug/L	<0.50	50	50	49.5	50.0	99	100	82-131	1	20	
trans-1,2-Dichloroethene	ug/L	<0.26	50	50	52.0	52.7	104	105	75-135	1	20	
trans-1,3-Dichloropropene	ug/L	<0.23	50	50	44.5	45.2	89	90	70-130	2	20	
Trichloroethene	ug/L	<0.33	50	50	52.3	52.7	105	105	70-130	1	20	
Trichlorofluoromethane	ug/L	<0.18	50	50	56.7	57.8	113	116	76-150	2	20	
Vinyl chloride	ug/L	<0.18	50	50	39.9	40.7	80	81	56-143	2	20	
4-Bromofluorobenzene (S)	%						98	99	61-130			
Dibromofluoromethane (S)	%						108	109	67-130			
Toluene-d8 (S)	%						97	95	70-130			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

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Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALIFIERS

Project: KRAFT-HEINZ
Pace Project No.: 40156437

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above LOD.

J - Estimated concentration at or above the LOD and below the LOQ.

LOD - Limit of Detection adjusted for dilution factor and percent moisture.

LOQ - Limit of Quantitation adjusted for dilution factor and percent moisture.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected at or above the adjusted LOD.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

LABORATORIES

PASI-G	Pace Analytical Services - Green Bay

ANALYTE QUALIFIERS

HS	Results are from sample aliquot taken from VOA vial with headspace (air bubble greater than 6 mm diameter).

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(920)469-2436

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: KRAFT-HEINZ
Pace Project No.: 40156437

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40156437001	**SB-64**	EPA 8260	267177		
40156437002	**SB-65**	EPA 8260	267177		
40156437003	**SB-66S**	EPA 8260	267177		
40156437004	**SB-66D**	EPA 8260	267177		
40156437005	**SB-67**	EPA 8260	267177		
40156437006	**SB-68S**	EPA 8260	267177		
40156437007	**SB-68D**	EPA 8260	267177		
40156437008	**SB-69**	EPA 8260	267177		
40156437009	**SB-15D**	EPA 8260	267177		
40156437010	**TB**	EPA 8260	267177		

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UPPER MIDWEST REGION
MN: 612-607-1700 WI: 920-469-2436

Page 1 of

SSM

40156437

CHAIN OF CUSTODY

*Preservation Codes
A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH
H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

(Please Print Clearly)	
Company Name:	ERM
Branch/Location:	Milwaukee
Project Contact:	CARL STAY
Phone:	414 6880725
Project Number:	
Project Name:	KRAFTHEINZ
Project State:	WI
Sampled By (Print):	CARL STAY
Sampled By (Sign):	Carl B Stay
PO #:	Regulatory Program:

Quote #:	40156437
Mail To Contact:	CARL.Stay@erm.com
Mail To Company:	
Mail To Address:	
Invoice To Contact:	
Invoice To Company:	ERM Accts Payable
Invoice To Address:	
Invoice To Phone:	

Data Package Options (billable)
- ☐ EPA Level III
- ☐ EPA Level IV

MS/MSD
- ☐ On your sample (billable)
- ☐ NOT needed on your sample

Matrix Codes
A = Air, B = Biota, C = Charcoal, O = Oil, S = Soil, SI = Sludge, W = Water, DW = Drinking Water, GW = Ground Water, SW = Surface Water, WW = Waste Water, WP = Wipe

FILTERED? (YES/NO): N
PRESERVATION (CODE)*: B

Analyses Requested: VOC-8260

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	Y/N	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
001	SB-64	9-8-17	1437	W	3	24 hr TAT	3-40mlv B	
002	SB-65		1455	W	3			
003	SB-66S		1500	W	3			
004	SB-66D		1510	W	3			
005	SB-67		1520	W	3			
006	SB-68S		1530	W	3			
007	SB-68D		1540	W	3			
008	SB-69		1550	W	3			
009	SB-15D		1610	W	3			
① KS 9/9/17	Temperature Blank							
010 ①	TB						2-40mlv B	

Rush Turnaround Time Requested - Prelims
(Rush TAT subject to approval/surcharge)
Date Needed: 9-12-17

Transmit Prelim Rush Results by (complete what you want):
Email #1: Carl.Stay@erm.com
Email #2: Andrew.Devitt@erm.com
Telephone:
Fax:

Samples on HOLD are subject to special pricing and release of liability

Relinquished By:	Date/Time:	Received By:	Date/Time:
Carl B Stay	9/8/17 1700		
FedEx	9/9/17 0920	Babe Schram Pace	9/9/17 0920

PACE Project No. 40156437
Receipt Temp = 2.01 °C
Sample Receipt pH OK / Adjusted
Cooler Custody Seal Present / Not Present
Intact / Not Intact

C019a(27Jun2006) ① included in shipment, added by lab KS 9/9/17

Version 6.0 06/14/06

ORIGINAL

Pace Analytical

Sample Condition Upon Receipt

Pace Analytical Services, LLC. - Green Bay WI
1241 Bellevue Street, Suite 9
Green Bay, WI 54302

Project #:

WO# : 40156437

40156437

Client Name: ERM

Courier: ☑ Fed Ex ☐ UPS ☐ Client ☐ Pace Other:

Tracking #: 787606894042 5

Custody Seal on Cooler/Box Present: ☐ yes ☑ no Seals intact: ☐ yes ☐ no

Custody Seal on Samples Present: ☐ yes ☑ no Seals intact: ☐ yes ☐ no

Packing Material: ☑ Bubble Wrap ☑ Bubble Bags ☐ None ☐ Other

Thermometer Used N/A **Type of Ice:** Wet Blue Dry None ☑ Samples on ice, cooling process has begun

Cooler Temperature Uncorr: /Corr: RO1 **Biological Tissue is Frozen:** ☐ yes ☐ no

Temp Blank Present: ☐ yes ☑ no

Temp should be above freezing to 6°C.
Biota Samples may be received at ≤ 0°C.

Person examining contents:
Date: 9/9/17
Initials: KJ

		Comments:
Chain of Custody Present:	☑Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☐Yes ☑No ☐N/A	2. ① TB added by lab KJ 9/9/17
Chain of Custody Relinquished:	☑Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☑Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	☑Yes ☐No ☐N/A	5.
- VOA Samples frozen upon receipt	☐Yes ☐No	Date/Time:
Short Hold Time Analysis (<72hr):	☐Yes ☑No ☐N/A	6.
Rush Turn Around Time Requested:	☑Yes ☐No ☐N/A	7. 24 hr TAT KJ 9/9/17
Sufficient Volume:	☐Yes ☑No ☐N/A	8. no MS/MSD KJ 9/9/17
Correct Containers Used:	☑Yes ☐No ☐N/A	9.
-Pace Containers Used:	☑Yes ☐No ☐N/A	
-Pace IR Containers Used:	☐Yes ☐No ☑N/A	
Containers Intact:	☑Yes ☐No ☐N/A	10.
Filtered volume received for Dissolved tests	☐Yes ☐No ☑N/A	11.
Sample Labels match COC:	☑Yes ☐No ☐N/A	12.
-Includes date/time/ID/Analysis Matrix: W		
All containers needing preservation have been checked. (Non-Compliance noted in 13.)	☐Yes ☐No ☑N/A	13. ☐ HNO3 ☐ H2SO4 ☐ NaOH ☐ NaOH +ZnAct
All containers needing preservation are found to be in compliance with EPA recommendation. (HNO3, H2SO4 ≤2; NaOH+ZnAct ≥9, NaOH ≥12)	☐Yes ☐No ☑N/A	
exceptions: VOA, coliform, TOC, TOX, TOH, O&G, WIDROW, Phenolics, OTHER:	☑Yes ☐No	Initial when completed / Lab Std #ID of preservative / Date/Time:
Headspace in VOA Vials (>6mm):	☐Yes ☑No ☐N/A	14.
Trip Blank Present:	☑Yes ☐No ☐N/A	15.
Trip Blank Custody Seals Present	☑Yes ☐No ☐N/A	
Pace Trip Blank Lot # (if purchased): 3816		

Client Notification/ Resolution: If checked, see attached form for additional comments ☐

Person Contacted: Date/Time:

Comments/ Resolution:

Project Manager Review: AL for DM **Date:** 9-9-17

F-GB-C-031-Rev.04 (12Dec2016) SCUR.xls
Pace Analytical Services LLC. - Green Bay WI

APPENDIX C ERM PHASE II ESA SOIL BORING LOGS (OCTOBER 2017)

ERM	PROJECT: Reich Brothers, LLC Thompson Hine, LLP Phase II Environmental Site Assessment 910 Mayer Street, Madison, WI	BORING # **SB-1** ERM PROJECT # 0403363 SHEET 1 OF 1

DRILLING CONTRACTOR	Geoserve, Inc. Woodstock, Illinois	ERM REPRESENTATIVE	Stephen Hoekwater
DRILLING FOREMAN	Eduardo Deulbe	OFFICE LOCATION	Holland, MI
DRILLING METHOD	Direct Push	DATE: START	07/31/2017
DRILLING EQUIPMENT	Geoprobe 7822 DT	FINISH	07/31/2017

HORIZONTAL DATUM (NAD 1983 StatePlane Wisconsin South (US Feet))		BOREHOLE DEPTH	12 ft
NORTHING	2172338.185	BOREHOLE DIAMETER	2.5 in
EASTING	404876.6694	DEPTH TO WATER (INITIAL) ▼	6 ft
VERTICAL DATUM (NGVD 29 (US Feet)) ELEVATION	856.29 ft	DEPTH TO WATER (FINAL) ▽	

DEPTH	ELEVATION	STRATA DESCRIPTION	DEPTH	USCS	GRAPHIC LOG	SAMPLE TYPE	RECOVERY	PID (ppm) 10.6 eV Lamp	Observations / Remarks
		[Asphalt with gravel sub-base]	0.5						
		SANDY GRAVEL (GW) dry, light brown	1	GW					
	855	SAND (SP) poorly graded, fine grained SAND; loose, some silt, trace clay, trace gravel; dry to moist, brown to dark brown	1.5	SP				0	SB-1 [(1-1.5ft)]
2		SAND (SP) poorly graded, fine grained SAND; loose, trace silt, dry to moist, reddish brown to light reddish brown	3	SP			60/60	0	
		SAND (SP) poorly graded, fine grained SAND; loose, dry, light brown		SP				0	
4		AS ABOVE EXCEPT: (SP) little silt, moist, light grayish brown	4.5	SP				0	
6	850	SAND (SP) poorly graded, fine grained SAND; loose, little silt, wet, light grayish brown with dark red	6	SP			21/36	0	
8		SILTY SAND (SM) poorly graded, fine grained SAND; loose, wet, light grayish brown	8	SM				0	
10		GRAVELLY SAND (SW) well graded, fine to coarse grained SAND; dry, light gray to dark gray, [observed shiny gold colored particles]	9.5 10	SW			42/48	0	
		SAND (SP) medium dense, some silt, trace gravel, moist to wet, brown to light brown	10.5	SP				0	
	845	SILTY SAND (SM) poorly graded, fine grained SAND; wet, light grayish brown		SM				0	
12		[End of Boring at 12' bgs]	12						
14									

REMARKS:

LAB ANALYSIS:

Auger Cuttings

Direct push geoprobe sample

ERM	PROJECT: Reich Brothers, LLC Thompson Hine, LLP Phase II Environmental Site Assessment 910 Mayer Street, Madison, WI	BORING # **SB-2** ERM PROJECT # 0403363 SHEET 1 OF 1

DRILLING CONTRACTOR	Geoserve, Inc. Woodstock, Illinois	ERM REPRESENTATIVE	Stephen Hoekwater
DRILLING FOREMAN	Eduardo Deulbe	OFFICE LOCATION	Holland, MI
DRILLING METHOD	Direct Push	DATE: START	07/31/2017
DRILLING EQUIPMENT	Geoprobe 7822 DT	FINISH	07/31/2017

HORIZONTAL DATUM (NAD 1983 StatePlane Wisconsin South (US Feet))		BOREHOLE DEPTH	12 ft
NORTHING	2172303.188	BOREHOLE DIAMETER	2.5 in
EASTING	404921.921	DEPTH TO WATER (INITIAL) ▼	6 ft
VERTICAL DATUM (NGVD 29 (US Feet)) ELEVATION	855.98 ft	DEPTH TO WATER (FINAL) ▽	

DEPTH	ELEVATION	STRATA DESCRIPTION	DEPTH	USCS	GRAPHIC LOG	SAMPLE TYPE	RECOVERY	PID (ppm) 10.6 eV Lamp	Observations / Remarks
		[Asphalt]	0.25	GW					
		SANDY GRAVEL (GW) dry, light brown	0.5	GW					
	855	[Asphalt]	0.75						
		SANDY GRAVEL (GW) dry, light brown	1	CH				0	SB-2 [(1-1.5ft)]
2		CLAY (CH) medium plasticity, medium stiff, some fine sand, dry, grayish brown to dark grayish brown	2	SP			60/60	0	
		SAND (SP) poorly graded, fine grained SAND; trace silt, dry, grayish brown to dark grayish brown	3	CH				0	
4		CLAY (CH) high plasticity, medium stiff, little fine sand, dry, brown	4					0	
		SAND (SP) poorly graded, fine grained SAND; dry to moist, light brown to brown		SP				0	
6	850	SAND (SP) poorly graded, fine grained SAND; wet, light brown	6				24/36	0	
				SP				0	
8								0	
		AS ABOVE EXCEPT: (SP) trace silt	9					0.1	
10				SP			36/48	0.2	
	845	SAND (SP) poorly graded, fine grained SAND; some silt, wet, light grayish brown	11	SP				0.2	
12		[End of Boring at 12' bgs]	12						
14									

REMARKS:

LAB ANALYSIS:

Auger Cuttings

Direct push geoprobe sample

ERM	PROJECT: Reich Brothers, LLC Thompson Hine, LLP Phase II Environmental Site Assessment 910 Mayer Street, Madison, WI	BORING # **SB-3** ERM PROJECT # 0403363 SHEET 1 OF 1

DRILLING CONTRACTOR	Geoserve, Inc. Woodstock, Illinois	ERM REPRESENTATIVE	Stephen Hoekwater
DRILLING FOREMAN	Eduardo Deulbe	OFFICE LOCATION	Holland, MI
DRILLING METHOD	Direct Push	DATE: START	07/31/2017
DRILLING EQUIPMENT	Geoprobe 7822 DT	FINISH	07/31/2017

HORIZONTAL DATUM (NAD 1983 StatePlane Wisconsin South (US Feet))		BOREHOLE DEPTH	16 ft
NORTHING	2172256.955	BOREHOLE DIAMETER	2.5 in
EASTING	404904.5536	DEPTH TO WATER (INITIAL) ▼	8 ft
VERTICAL DATUM (NGVD 29 (US Feet)) ELEVATION	855.84 ft	DEPTH TO WATER (FINAL) ▽	6.45 ft

DEPTH	ELEVATION	STRATA DESCRIPTION	DEPTH	USCS	GRAPHIC LOG	SAMPLE TYPE	RECOVERY	PID (ppm) 10.6 eV Lamp	Observations / Remarks
		[Asphalt]	0.25						
	855	SANDY GRAVEL (GW) dry, light brown		GW					
		GRAVELLY SAND (SW) well graded, fine grained SAND; loose, little silt, trace clay, dry, brownish gray to dark brownish gray	1.5						
2							60/60	190	
				SW				182.5	
								258.9	
4									
								54.2	
		SAND (SW) well graded, fine grained SAND; some silt, little clay, little gravel; dry, brownish gray to dark brownish gray	5						
6	850			SW				21	
		SAND (SP) poorly graded, fine grained SAND; loose, little silt, trace clay, trace gravel; moist, dark gray	6.5				18/36		
				SP				625	
			7.5	ML					
8		SILT (ML) medium stiff, trace clay, dry, dark brownish gray	8						
				SP					
		SAND (SP) poorly graded, fine grained SAND; loose, trace silt, trace gravel, wet, brownish gray	9					2142	SB-3 [(8-10ft)]
				SP					
10		AS ABOVE EXCEPT: (SP) some silt	10				18/48		
	845	SILTY SAND (SM) poorly graded, fine grained SAND; loose, trace clay, wet, light grayish brown						782.2	
12				SM					
								17.5	
								2.7	
14			14				36/48		
		SILTY SAND (SM) poorly graded, fine grained SAND; loose, little clay, trace gravel, wet, light grayish brown						1.7	
				SM					
								2.1	
16	840	[End of Boring at 16' bgs]	16						
18									

SAMPLING DATA

REMARKS:

Installed temporary monitoring well screened from 3-13' bgs.
Petroleum-like odor observed in soil throughout boring

Auger Cuttings

Direct push geoprobe sample

LAB ANALYSIS:

ERM	PROJECT: Reich Brothers, LLC Thompson Hine, LLP Phase II Environmental Site Assessment 910 Mayer Street, Madison, WI	BORING # **SB-4** ERM PROJECT # 0403363 SHEET 1 OF 1

DRILLING CONTRACTOR	Geoserve, Inc. Woodstock, Illinois	ERM REPRESENTATIVE	Stephen Hoekwater
DRILLING FOREMAN	Eduardo Deulbe	OFFICE LOCATION	Holland, MI
DRILLING METHOD	Direct Push	DATE: START	07/31/2017
DRILLING EQUIPMENT	Geoprobe 7822 DT	FINISH	07/31/2017

HORIZONTAL DATUM (NAD 1983 StatePlane Wisconsin South (US Feet))		BOREHOLE DEPTH	12 ft
NORTHING	2172258.759	BOREHOLE DIAMETER	2.5 in
EASTING	405414.6106	DEPTH TO WATER (INITIAL) ▼	8 ft
VERTICAL DATUM (NGVD 29 (US Feet)) ELEVATION	854.08 ft	DEPTH TO WATER (FINAL) ▽	4.86 ft

DEPTH	ELEVATION	STRATA DESCRIPTION	DEPTH	USCS	GRAPHIC LOG	SAMPLE TYPE	RECOVERY	PID (ppm) 10.6 eV Lamp	Observations / Remarks
		[Asphalt]	0.25						
		SANDY GRAVEL (GW) dry, brown	0.75	GW					
		AS ABOVE EXCEPT: (GW) light brown	1.5	GW				0	
2		SAND (SW) well graded, fine to medium grained SAND; loose, little gravel, moist, brown to dark brown	2.5	SW			60/60	0.1 0.5	
		CLAY (CH) high plasticity, soft, moist to dry, dark gray to black		CH				0.5	SB-4 [(3-4ft)]
4	850	AS ABOVE EXCEPT: (CH) gray to bluish gray ▽	4.5					0.1	
6				CH			21/36	0 0 0	
8		SANDY SILT (MLS) soft, little clay, wet, gray	8	MLS				0	
	845	SAND (SP) poorly graded, fine grained SAND; loose, wet, light grayish brown to light brown	9.5	SP			36/48	0	
10									
12		[End of Boring at 12' bgs]	12						
14	840								

REMARKS:
Installed temporary monitoring well screened from 7-12' bgs.

LAB ANALYSIS:

Auger Cuttings

Direct push geoprobe sample

ERM	PROJECT: Reich Brothers, LLC Thompson Hine, LLP Phase II Environmental Site Assessment 910 Mayer Street, Madison, WI	BORING # **SB-5** ERM PROJECT # 0403363 SHEET 1 OF 1

DRILLING CONTRACTOR	Geoserve, Inc. Woodstock, Illinois	ERM REPRESENTATIVE	Stephen Hoekwater
DRILLING FOREMAN	Eduardo Deulbe	OFFICE LOCATION	Holland, MI
DRILLING METHOD	Direct Push	DATE: START	07/31/2017
DRILLING EQUIPMENT	Geoprobe 7822 DT	FINISH	07/31/2017

HORIZONTAL DATUM (NAD 1983 StatePlane Wisconsin South (US Feet))		BOREHOLE DEPTH	8 ft
NORTHING		BOREHOLE DIAMETER	2.5 in
EASTING		DEPTH TO WATER (INITIAL)	5 ft
VERTICAL DATUM (NGVD 29 (US Feet))	ELEVATION	DEPTH TO WATER (FINAL)	4.44 ft

DEPTH	ELEVATION	STRATA DESCRIPTION	DEPTH	USCS	GRAPHIC LOG	SAMPLE TYPE	RECOVERY	PID (ppm) 10.6 eV Lamp	Observations / Remarks
		[Asphalt]							
		SANDY GRAVEL (GW) dry, brown	0.5	GW					
			0.75	GW					
1		AS ABOVE EXCEPT: (GW) light brown	1						
		SAND (SW) well graded, fine to coarse grained SAND; loose, some clay, little gravel, trace silt; dry, dark grayish brown	1.5	SW				80.5 1403	
2		SAND (SP) poorly graded, fine grained SAND; loose, some gravel, dry, dark grayish brown		SP			60/60	94.4	
3		CLAY (CH) high plasticity, soft, moist to dry, very dark gray	3	CH				1457	
4		SAND (SP) poorly graded, fine grained SAND; trace silt, moist, gray	4	SP				1408	SB-5 [(4.5-5ft)]
5		AS ABOVE EXCEPT: (SP) wet, [observed slight sheen between 5-6' bgs]	5					1622	
6				SP			29/36	1535	
7		SAND (SP) poorly graded, fine grained SAND; little silt, wet, gray	7	SP				1335	
8		[End of Boring at 8' bgs]	8						
9									

REMARKS:
Installed temporary monitoring well screened from 3-8' bgs.
Petroleum-like odor observed in soil throughout boring

Auger Cuttings Direct push geoprobe sample

LAB ANALYSIS:

ERM	PROJECT: Reich Brothers, LLC Thompson Hine, LLP Phase II Environmental Site Assessment 910 Mayer Street, Madison, WI	BORING # **SB-6** ERM PROJECT # 0403363 SHEET 1 OF 1

DRILLING CONTRACTOR	Geoserve, Inc. Woodstock, Illinois	ERM REPRESENTATIVE	Stephen Hoekwater
DRILLING FOREMAN	Eduardo Deulbe	OFFICE LOCATION	Holland, MI
DRILLING METHOD	Direct Push	DATE: START	07/31/2017
DRILLING EQUIPMENT	Geoprobe 7822 DT	FINISH	07/31/2017

HORIZONTAL DATUM (NAD 1983 StatePlane Wisconsin South (US Feet))		BOREHOLE DEPTH	8 ft
NORTHING	2172273.899	BOREHOLE DIAMETER	2.5 in
EASTING	405469.1573	DEPTH TO WATER (INITIAL)	4.5 ft
VERTICAL DATUM (NGVD 29 (US Feet)) ELEVATION	854.3 ft	DEPTH TO WATER (FINAL)	5.4 ft

DEPTH	ELEVATION	STRATA DESCRIPTION	DEPTH	USCS	GRAPHIC LOG	SAMPLE TYPE	RECOVERY	PID (ppm) 10.6 eV Lamp	Observations / Remarks
		[Asphalt]							
		SANDY GRAVEL (GW) dry, brown	0.5	GW					
			0.75	GW					
1		AS ABOVE EXCEPT: (GW) light brown	1						
		SAND (SW) well graded, fine to coarse grained SAND; loose, some gravel, trace silt, moist to dry, dark grayish brown	1.5	SW				8.7	
				SP				53.5	
2		SAND (SP) poorly graded, fine to medium grained SAND; loose, some gravel, dry, gray	2						
		COBBLES (GW)		GW					
		CLAY (CH) high plasticity, soft, very dark gray to very dark bluish gray	2.5				60/60	10	
3				CH					
		SAND (SP) poorly graded, fine grained SAND; loose, trace silt, moist, gray	3.5					135	SB-6 [(3-4ft)]
4				SP					
	850								
		AS ABOVE EXCEPT: (SP) wet	4.5					133.3	
5									
6				SP			6/36	28.1	
7									
8		[End of Boring at 8' bgs]	8						
9									
	845								

REMARKS:

LAB ANALYSIS:

Auger Cuttings

Direct push geoprobe sample

ERM	PROJECT: Reich Brothers, LLC Thompson Hine, LLP Phase II Environmental Site Assessment 910 Mayer Street, Madison, WI	BORING # **SB-7** ERM PROJECT # 0403363 SHEET 1 OF 1

DRILLING CONTRACTOR	Geoserve, Inc. Woodstock, Illinois	ERM REPRESENTATIVE	Stephen Hoekwater
DRILLING FOREMAN	Eduardo Deulbe	OFFICE LOCATION	Holland, MI
DRILLING METHOD	Direct Push	DATE: START	08/01/2017
DRILLING EQUIPMENT	Geoprobe 7822 DT	FINISH	08/01/2017

HORIZONTAL DATUM (NAD 1983 StatePlane Wisconsin South (US Feet))		BOREHOLE DEPTH	16 ft
NORTHING	2172293.67	BOREHOLE DIAMETER	2.5 in
EASTING	405589.8415	DEPTH TO WATER (INITIAL) ▼	12 ft
VERTICAL DATUM (NGVD 29 (US Feet)) ELEVATION	855.18 ft	DEPTH TO WATER (FINAL) ▽	

DEPTH	ELEVATION	STRATA DESCRIPTION	DEPTH	USCS	GRAPHIC LOG	SAMPLE TYPE	RECOVERY	PID (ppm) 10.6 eV Lamp	Observations / Remarks
	855	SANDY GRAVEL (GP-SP) trace silt, dry, light brown	0.25	GP-SP					
		SANDY GRAVEL (GP-SP) trace silt, dry, brown	0.5	GP-SP				0	
			1	SC				3.9	
2		SANDY CLAY (SC) medium plasticity, soft, some gravel, dry, dark grayish brown	1.5						
		CLAYEY SAND (SW-SC) well graded, fine to medium grained SAND; some gravel, dry, dark grayish brown		SW-SC			60/60	9.6	
			3.5					1.6	
4		SAND (GP-SP) poorly graded, fine grained SAND; loose, some gravel, dry, light brown		GP-SP					
		CLAY (CH) fine grained SAND; high plasticity, soft, some gravel, little sand, dry, very dark bluish gray	4.5	CH				121.4	
	850		5						
6		CLAY (CH) high plasticity, medium stiff, trace silt, dry, very dark grayish black		CH			24/36	102.6	
		CLAY (CH) high plasticity, soft, little silt, moist, grayish brown	7					193	
8				CH				461.1	
10	845						30/48		
		CLAY (CL-ML) medium plasticity, soft, some silt, moist, dark gray	11	CL-ML				631.6	SB-7 [(10-12ft)]
12		SILT (ML) soft, some clay, wet, dark gray	12	ML				92.8	
		SAND (SP) poorly graded, fine grained SAND; little silt, trace clay, wet, gray	13.5	SP			42/48	65	
14	840								
16		[End of Boring at 16' bgs]	16						
18									

REMARKS:

LAB ANALYSIS:

Auger Cuttings

Direct push geoprobe sample

ERM	PROJECT: Reich Brothers, LLC Thompson Hine, LLP Phase II Environmental Site Assessment 910 Mayer Street, Madison, WI	BORING # **SB-8** ERM PROJECT # 0403363 SHEET 1 OF 1

DRILLING CONTRACTOR	Geoserve, Inc. Woodstock, Illinois	ERM REPRESENTATIVE	Stephen Hoekwater
DRILLING FOREMAN	Eduardo Deulbe	OFFICE LOCATION	Holland, MI
DRILLING METHOD	Direct Push	DATE: START	08/01/2017
DRILLING EQUIPMENT	Geoprobe 7822 DT	FINISH	08/01/2017

HORIZONTAL DATUM (NAD 1983 StatePlane Wisconsin South (US Feet))		BOREHOLE DEPTH	16 ft
NORTHING	2172265.515	BOREHOLE DIAMETER	2.5 in
EASTING	405620.101	DEPTH TO WATER (INITIAL) ▼	12 ft
VERTICAL DATUM (NGVD 29 (US Feet)) ELEVATION	854.84 ft	DEPTH TO WATER (FINAL) ▽	5.13 ft

DEPTH	ELEVATION	STRATA DESCRIPTION	DEPTH	USCS	GRAPHIC LOG	SAMPLE TYPE	RECOVERY	PID (ppm) 10.6 eV Lamp	Observations / Remarks
		SANDY GRAVEL (GP-SP) poorly graded, fine grained SAND; trace silt, dry, light brown to brown	0.25	GP-SP					
			1	SW					
2		SAND (SW) well graded, fine to medium grained SAND; some gravel, little silt, trace clay; dry, grayish brown to dark grayish brown	1.5	SP				0.1	
		SAND (SP) poorly graded, fine grained SAND; trace silt, dry	2.5				60/60	0	
4		AS ABOVE EXCEPT: (SP) some gravel		SP				5.7	
	850	CLAY (CH) high plasticity, soft, little silt, very dark dark gray to black, [orangish/reddish staining observed]	4.75	CH					
			5.25	SP					
6		SAND (SP) poorly graded, medium grained SAND; loose, dry, very dark gray to black	5.5					11	
		CLAY (CH) high plasticity, medium stiff, moist to dry, gray to dark gray		CH			21/36	6	
8		CLAY (CH) high plasticity, soft, trace fine sand, moist, gray	8						
				CH				7.1	
10	845						18/48		
		SAND (SP) poorly graded, fine grained SAND; little silt, wet to moist, gray	11	SP				122.6	SB-8 [(10-12ft)]
12		SILT (ML) soft, little fine sand, little clay, wet, dark gray	12	ML					
		SAND (SP) poorly graded, fine grained SAND; some gravel, trace silt, wet, gray to dark gray	13	SP			42/48	65.3	
14	840	SAND (SP) poorly graded, fine grained SAND; soft, trace silt, wet, gray to dark gray	14.5	SP				53.8	
16		[End of Boring at 16' bgs]	16						
18									
	835								

REMARKS:
Installed temporary monitoring well screened from 5-15' bgs.

LAB ANALYSIS:

Auger Cuttings

Direct push geoprobe sample

ERM	PROJECT: Reich Brothers, LLC Thompson Hine, LLP Phase II Environmental Site Assessment 910 Mayer Street, Madison, WI	BORING # **SB-9** ERM PROJECT # 0403363 SHEET 1 OF 1

DRILLING CONTRACTOR	Geoserve, Inc. Woodstock, Illinois	ERM REPRESENTATIVE	Stephen Hoekwater
DRILLING FOREMAN	Eduardo Deulbe	OFFICE LOCATION	Holland, MI
DRILLING METHOD	Direct Push	DATE: START	08/01/2017
DRILLING EQUIPMENT	Geoprobe 7822 DT	FINISH	08/01/2017

HORIZONTAL DATUM (NAD 1983 StatePlane Wisconsin South (US Feet))		BOREHOLE DEPTH	16 ft
NORTHING	2172326.177	BOREHOLE DIAMETER	2.5 in
EASTING	405638.5891	DEPTH TO WATER (INITIAL) ▼	11 ft
VERTICAL DATUM (NGVD 29 (US Feet)) ELEVATION	854.64 ft	DEPTH TO WATER (FINAL) ▽	4.75 ft

DEPTH	ELEVATION	STRATA DESCRIPTION	DEPTH	USCS	GRAPHIC LOG	SAMPLE TYPE	RECOVERY	PID (ppm) 10.6 eV Lamp	Observations / Remarks
		SANDY GRAVEL (GP-SP) trace silt, dry, brown to light brown	0.25	GP-SP					
		CLAY (CH) high plasticity, soft, little fine sand, trace gravel, dry, dark gray	0.75	CH				0.1	
2		SAND (SP) poorly graded, fine grained SAND; loose, little silt, little clay, moist to dry, gray to brownish gray	1.5	SP			60/60	2.8 9.2 961.4	
4	850	SILT (ML) soft, dry, black, [trace roots]	4.5	ML				158.2	SB-9 [(4-5ft)]
		CLAY (CH) high plasticity, medium dense, little silt, dry, black	5	CH				170.8	
6		CLAY (CH) high plasticity, soft, trace silt, moist, gray	5.75	CH			24/36		
		CLAY (CH) high plasticity, some silt, moist, gray and dark gray	7	CH				293.1	
8				CH				70.2	
10	845						24/48	20	
		GRAVELLY SAND (GP-SP) poorly graded, fine grained SAND; some gravel, little silt, wet, gray	11	GP-SP				561.2 10.7	
14	840						36/48	3.5	
16		SAND (SP) poorly graded, fine grained SAND; wet, light grayish brown	15.5 16	SP					
		[End of Boring at 16' bgs]							
18	835								

REMARKS:

Installed temporary monitoring well screened from 3-13' bgs.
Petroleum-like odor observed in soil throughout boring

Auger Cuttings

Direct push geoprobe sample

LAB ANALYSIS:

ERM	PROJECT: Reich Brothers, LLC Thompson Hine, LLP Phase II Environmental Site Assessment 910 Mayer Street, Madison, WI	BORING # **SB-54** ERM PROJECT # 0403363 SHEET 1 OF 1

DRILLING CONTRACTOR	Geoserve, Inc. Woodstock, Illinois	ERM REPRESENTATIVE	Carl Stay
DRILLING FOREMAN	Eduardo Deulbe	OFFICE LOCATION	Milwaukee, WI
DRILLING METHOD	Direct Push	DATE: START	09/07/2017
DRILLING EQUIPMENT	Geoprobe 7822 DT	FINISH	09/07/2017
HORIZONTAL DATUM (NAD 1983 StatePlane Wisconsin South (US Feet))		BOREHOLE DEPTH	20 ft
NORTHING	2172235.807	BOREHOLE DIAMETER	2.5 in
EASTING	404864.6702	DEPTH TO WATER (INITIAL)	
VERTICAL DATUM (NGVD 29 (US Feet)) ELEVATION	856.192 ft	DEPTH TO WATER (FINAL)	7.07 ft 10:45 09/11/2017

DEPTH	ELEVATION	STRATA DESCRIPTION	DEPTH	USCS	GRAPHIC LOG	SAMPLE TYPE	RECOVERY	PID (ppm) 10.6 eV Lamp	Observations / Remarks
		[Asphalt with gravel sub-base]	0.5						
	855	SANDY GRAVEL (GW) gray	1.5	GW					
		SILT (OL)						1.5	
5								1.2	
	850						23/48		
								1	
		SILTY CLAY (SC) grayish green, [Soft, wet]	8						
								0.6	
10							29/48		
	845								
				SC				2	
							40/48		
15								2.2	
	840								
		SILTY CLAY (CL-ML) [Abundant pebbles, firm]	18				48/48		
				CL-ML					
20		[End of Boring at 20' bgs]	20						
	835		22						
25									
	830								

SAMPLING DATA

REMARKS:
Installed temporary monitoring well screened from 6-16' bgs

LAB ANALYSIS:

Auger Cuttings

Direct push geoprobe sample

ERM	PROJECT: Reich Brothers, LLC Thompson Hine, LLP Phase II Environmental Site Assessment 910 Mayer Street, Madison, WI	BORING # **SB-55** ERM PROJECT # 0403363 SHEET 1 OF 1

DRILLING CONTRACTOR	Geoserve, Inc. Woodstock, Illinois	ERM REPRESENTATIVE	Carl Stay
DRILLING FOREMAN	Eduardo Deulbe	OFFICE LOCATION	Milwaukee, WI
DRILLING METHOD	Direct Push	DATE: START	09/07/2017
DRILLING EQUIPMENT	Geoprobe 7822 DT	FINISH	09/07/2017
HORIZONTAL DATUM (NAD 1983 StatePlane Wisconsin South (US Feet))		BOREHOLE DEPTH	20 ft
NORTHING	2172232.45	BOREHOLE DIAMETER	2.5 in
EASTING	404930.9681	DEPTH TO WATER (INITIAL)	▼
VERTICAL DATUM (NGVD 29 (US Feet)) ELEVATION	855.942 ft	DEPTH TO WATER (FINAL)	▽ 7.29 ft 10:48 09/11/2017

DEPTH	ELEVATION	STRATA DESCRIPTION	DEPTH	USCS	GRAPHIC LOG	SAMPLE TYPE	RECOVERY	PID (ppm) 10.6 eV Lamp	Observations / Remarks
		[Asphalt with gravel sub-base]	0.5						Asphalt with gravel sub-base
	855	CLAY (GW) gray		GW				2.4	
		(CL) reddish brown, [Fill with glass fragments, cinders]	3.5						
5				CL				4.7	
	850	CLAYEY SILT (CL-ML)	6				11/48		
			▽	CL-ML				3.8	
		CLAYEY SAND (SC) [Upper part appears to be fill. Occasional pebbles]	8					18	
10				SC			20/48		
	845							18	
		CLAYEY SAND (SC) light brown, [Occasional pebbles]	12						Petroleum Odor
				SC			48/48	22.4	
15								22.4	
	840	CLAYEY SILT (ML) [Occasional pebbles]	16						Petroleum Odor
				ML				15.7	
20		[End of boring at 20' bgs]	20						
	835		22						
25									
	830								

REMARKS:
Installed temporary monitoring well screened from 6-16' bgs.

LAB ANALYSIS:

Auger Cuttings

Direct push geoprobe sample

ERM	PROJECT: Reich Brothers, LLC Thompson Hine, LLP Phase II Environmental Site Assessment 910 Mayer Street, Madison, WI	BORING # **SB-56** ERM PROJECT # 0403363 SHEET 1 OF 1

DRILLING CONTRACTOR	Geoserve, Inc. Woodstock, Illinois	ERM REPRESENTATIVE	Carl Stay
DRILLING FOREMAN	Eduardo Deulbe	OFFICE LOCATION	Milwaukee, WI
DRILLING METHOD	Direct Push	DATE: START	09/07/2017
DRILLING EQUIPMENT	Geoprobe 7822 DT	FINISH	09/07/2017

HORIZONTAL DATUM (NAD 1983 StatePlane Wisconsin South (US Feet))		BOREHOLE DEPTH	16 ft
NORTHING	2172339.444	BOREHOLE DIAMETER	2.5 in
EASTING	404901.8366	DEPTH TO WATER (INITIAL)	
VERTICAL DATUM (NGVD 29 (US Feet)) ELEVATION	856.396 ft	DEPTH TO WATER (FINAL)	8 ft 10:51 09/11/2017

DEPTH	ELEVATION	STRATA DESCRIPTION	DEPTH	USCS	GRAPHIC LOG	SAMPLE TYPE	RECOVERY	PID (ppm) 10.6 eV Lamp	Observations / Remarks
		Hard, [Asphalt with gravel sub-base]	0.5						
	855	GRAVELLY SAND (SP) hard, moist, brown					48/48	2.1	
5								2	
	850						48/48	1.8	
				SP				2.2	
10							48/48	2.5	
	845							2.5	
			14.3				48/48		
15		SILT (ML) loose	15	ML				1.6	
		GRAVELLY SAND (GP-SP) loose	16	GP-SP					
	840	[End of boring at 16' bgs]							
			18						
20									
	835								
25									
	830								

SAMPLING DATA

REMARKS:
Installed temporary monitoring well screened from 5-15' bgs.

LAB ANALYSIS:

Auger Cuttings

Direct push geoprobe sample

ERM	PROJECT: Reich Brothers, LLC Thompson Hine, LLP Phase II Environmental Site Assessment 910 Mayer Street, Madison, WI	BORING # **SB-57** ERM PROJECT # 0403363 SHEET 1 OF 1

DRILLING CONTRACTOR	Geoserve, Inc. Woodstock, Illinois	ERM REPRESENTATIVE	Carl Stay
DRILLING FOREMAN	Eduardo Deulbe	OFFICE LOCATION	Milwaukee, WI
DRILLING METHOD	Direct Push	DATE: START	09/07/2017
DRILLING EQUIPMENT	Geoprobe 7822 DT	FINISH	09/07/2017

HORIZONTAL DATUM (NAD 1983 StatePlane Wisconsin South (US Feet))		BOREHOLE DEPTH	16 ft
NORTHING	2172258.648	BOREHOLE DIAMETER	2.5 in
EASTING	405392.6703	DEPTH TO WATER (INITIAL)	▼
VERTICAL DATUM (NGVD 29 (US Feet)) ELEVATION	854.03 ft	DEPTH TO WATER (FINAL)	▽ 5.15 ft 10:55 09/11/2017

DEPTH	ELEVATION	STRATA DESCRIPTION	DEPTH	USCS	GRAPHIC LOG	SAMPLE TYPE	RECOVERY	PID (ppm) 10.6 eV Lamp	Observations / Remarks
		[Asphalt with gravel sub-base]	0.5						
		SILT (OH) black, [Fill]						0.6	
	850		4.5						
5		CLAY (CL) green, [moist, very dense.] ▽		CL				5.9	
		SAND (SP) green	6	SP			11/48	1.2	
		SAND (SP) brown	8						
	845							1.7	
10							23/48	1.2	
				SP				1	
	840						24/48		
15									
		[End of boring at 16' bgs]	16						
			18						
	835								
20									
	830								
25									
	825								

REMARKS:
Installed temporary monitoring well screened from 2-12' bgs.

LAB ANALYSIS:

Auger Cuttings Direct push geoprobe sample

ERM	PROJECT: Reich Brothers, LLC Thompson Hine, LLP Phase II Environmental Site Assessment 910 Mayer Street, Madison, WI	BORING # **SB-58** ERM PROJECT # 0403363 SHEET 1 OF 1

DRILLING CONTRACTOR	Geoserve, Inc. Woodstock, Illinois	ERM REPRESENTATIVE	Carl Stay
DRILLING FOREMAN	Eduardo Deulbe	OFFICE LOCATION	Milwaukee, WI
DRILLING METHOD	Direct Push	DATE: START	09/07/2017
DRILLING EQUIPMENT	Geoprobe 7822 DT	FINISH	09/07/2017

HORIZONTAL DATUM (NAD 1983 StatePlane Wisconsin South (US Feet))		BOREHOLE DEPTH	16 ft
NORTHING	2172363.141	BOREHOLE DIAMETER	2.5 in
EASTING	405412.9088	DEPTH TO WATER (INITIAL)	6 ft
VERTICAL DATUM (NGVD 29 (US Feet)) ELEVATION	854.459 ft	DEPTH TO WATER (FINAL)	5.12 ft

DEPTH	ELEVATION	STRATA DESCRIPTION	DEPTH	USCS	GRAPHIC LOG	SAMPLE TYPE	RECOVERY	PID (ppm) 10.6 eV Lamp	Observations / Remarks
		[Asphalt with gravel sub-base]	0.5						
		SANDY GRAVEL (SM)	2	SM					
		SANDY SILT (SM) brown (10YR 4/3)	4	SM				0.6	
	850	PEAT black (10YR 2/1), [organic]	4.5						
5		CLAY (CL) grayish green (10G 5/1)	6	CL			16/48	7	
		GRAVELLY SAND (CL) brown (10YR 4/4), [Saturated]	7.7	CL				1.4	
		SAND (SP) brown (10YR 4/3), [Saturated]						2.6	
	845								
10							28/48	1.5	
				SP				1.7	
	840						20/48		
15								1.7	
		[End of boring at 16' bgs]	16						
			18						
	835								
20									
	830								
25									
	825								

REMARKS:
Installed temporary monitoring well screened from 4-14' bgs.

LAB ANALYSIS:

Auger Cuttings

Direct push geoprobe sample

ERM	PROJECT: Reich Brothers, LLC Thompson Hine, LLP Phase II Environmental Site Assessment 910 Mayer Street, Madison, WI	BORING # **SB-59** ERM PROJECT # 0403363 SHEET 1 OF 1

DRILLING CONTRACTOR	Geoserve, Inc. Woodstock, Illinois	ERM REPRESENTATIVE	Carl Stay
DRILLING FOREMAN	Eduardo Deulbe	OFFICE LOCATION	Milwaukee, WI
DRILLING METHOD	Direct Push	DATE: START	09/07/2017
DRILLING EQUIPMENT	Geoprobe 7822 DT	FINISH	09/07/2017
HORIZONTAL DATUM (NAD 1983 StatePlane Wisconsin South (US Feet))		BOREHOLE DEPTH	16 ft
NORTHING	2172274.623	BOREHOLE DIAMETER	2.5 in
EASTING	405486.6011	DEPTH TO WATER (INITIAL)	
VERTICAL DATUM (NGVD 29 (US Feet)) ELEVATION	854.076 ft	DEPTH TO WATER (FINAL)	5.12 ft 10:57 09/11/2017

DEPTH	ELEVATION	STRATA DESCRIPTION	DEPTH	USCS	GRAPHIC LOG	SAMPLE TYPE	RECOVERY	PID (ppm) 10.6 eV Lamp	Observations / Remarks
		[Asphalt with gravel sub-base]	0.5						
		SANDY GRAVEL (GW) tan, [Well compacted gravel sub-base]	2	GW					
		CLAY (CL) brown		CL				3.1	
	850								
5			5.5					4.7	
		SILTY SAND (SW-SM) brown					24/48	9.1	
	845							9.5	
10				SW-SM			48/48	37.2	
								3.8	
	840						48/48		
15			16						
		[End of boring at 16' bgs]							
			18						
	835								
20									
	830								
25									
	825								

REMARKS:
Installed temporary monitoring well screened from 3-13' bgs.

LAB ANALYSIS:

Auger Cuttings

Direct push geoprobe sample

ERM	PROJECT: Reich Brothers, LLC Thompson Hine, LLP Phase II Environmental Site Assessment 910 Mayer Street, Madison, WI	BORING # **SB-60** ERM PROJECT # 0403363 SHEET 1 OF 1

DRILLING CONTRACTOR	Geoserve, Inc. Woodstock, Illinois	ERM REPRESENTATIVE	Carl Stay
DRILLING FOREMAN	Eduardo Deulbe	OFFICE LOCATION	Milwaukee, WI
DRILLING METHOD	Direct Push	DATE: START	09/07/2017
DRILLING EQUIPMENT	Geoprobe 7822 DT	FINISH	09/07/2017
HORIZONTAL DATUM (NAD 1983 StatePlane Wisconsin South (US Feet))		BOREHOLE DEPTH	20 ft
NORTHING	2172368.732	BOREHOLE DIAMETER	2.5 in
EASTING	405612.5892	DEPTH TO WATER (INITIAL)	▼
VERTICAL DATUM (NGVD 29 (US Feet)) ELEVATION	855.507 ft	DEPTH TO WATER (FINAL)	▽ 6.79 ft 11:00 09/11/2017

DEPTH	ELEVATION	STRATA DESCRIPTION	DEPTH	USCS	GRAPHIC LOG	SAMPLE TYPE	RECOVERY	PID (ppm) 10.6 eV Lamp	Observations / Remarks
	855	[Asphalt with gravel sub-base]	0.5						
		SANDY GRAVEL (GW) light brown, [Well compacted]	2	GW					
		SAND (SW) brown						2.6	
5	850			SW			17/48	1.7	
			7					2.2	
		CLAY (CL) grayish green, [Soft]						55.1	
10	845			CL			32/48	463.5	
		SAND (SP-SC) [Intervals of silt, sand and clay, saturated.]	12					43.2	
				SP-SC			48/48		
15	840								
		SAND (SP) [Saturated]	16					2.7	
				SP			48/48		
		SILTY SAND (SM) [Occasional pebbles, saturated]	18.5	SM					
20	835	[End of boring at 20' bgs]	20						
			22						
25	830								

REMARKS:
Installed temporary monitoring well screened from 9-19' bgs.

LAB ANALYSIS:

Auger Cuttings

Direct push geoprobe sample

ERM	PROJECT: Reich Brothers, LLC Thompson Hine, LLP Phase II Environmental Site Assessment 910 Mayer Street, Madison, WI	BORING # **SB-61** ERM PROJECT # 0403363 SHEET 1 OF 1

DRILLING CONTRACTOR	Geoserve, Inc. Woodstock, Illinois	ERM REPRESENTATIVE	Carl Stay
DRILLING FOREMAN	Eduardo Deulbe	OFFICE LOCATION	Milwaukee, WI
DRILLING METHOD	Direct Push	DATE: START	09/07/2017
DRILLING EQUIPMENT	Geoprobe 7822 DT	FINISH	09/07/2017
HORIZONTAL DATUM (NAD 1983 StatePlane Wisconsin South (US Feet))		BOREHOLE DEPTH	20 ft
NORTHING	2172221.291	BOREHOLE DIAMETER	2.5 in
EASTING	405598.0515	DEPTH TO WATER (INITIAL)	▼
VERTICAL DATUM (NGVD 29 (US Feet)) ELEVATION	855.56 ft	DEPTH TO WATER (FINAL)	▽ 6.67 ft 11:01 09/11/2017

DEPTH	ELEVATION	STRATA DESCRIPTION	DEPTH	USCS	GRAPHIC LOG	SAMPLE TYPE	RECOVERY	PID (ppm) 10.6 eV Lamp	Observations / Remarks
	855	[Asphalt with gravel sub-base]	0.5						
		SANDY GRAVEL (GW) [Well compacted gravel sub-base]		GW					
		SILTY SAND (SC-SM)	2	SC-SM				3.4	
		SILTY CLAY (CL-ML)	4	CL-ML				9.2	
5	850	CLAY (CL) grayish green ▽	6				19/48	6.3	
				CL			36/48	2.8	
10	845							2.7	
		SILTY SAND (SW) brown	12					5.9	
				SW			35/48	42.5	
15	840	SAND (SP) brown	16						
				SP			48/48		
20	835	[End of boring at 20' bgs]	20						
			22						
25	830								

REMARKS:
Installed temporary monitoring well screened from 9-19' bgs.

LAB ANALYSIS:

Auger Cuttings

Direct push geoprobe sample

ERM	PROJECT: Reich Brothers, LLC Thompson Hine, LLP Phase II Environmental Site Assessment 910 Mayer Street, Madison, WI	BORING # **SB-62** ERM PROJECT # 0403363 SHEET 1 OF 1

DRILLING CONTRACTOR	Geoserve, Inc. Woodstock, Illinois	ERM REPRESENTATIVE	Carl Stay
DRILLING FOREMAN	Eduardo Deulbe	OFFICE LOCATION	Milwaukee, WI
DRILLING METHOD	Direct Push	DATE: START	09/07/2017
DRILLING EQUIPMENT	Geoprobe 7822 DT	FINISH	09/07/2017

HORIZONTAL DATUM (NAD 1983 StatePlane Wisconsin South (US Feet))		BOREHOLE DEPTH	20 ft
NORTHING	2172221.698	BOREHOLE DIAMETER	2.5 in
EASTING	405654.5987	DEPTH TO WATER (INITIAL)	
VERTICAL DATUM (NGVD 29 (US Feet)) ELEVATION	855.406 ft	DEPTH TO WATER (FINAL)	5.6 ft 11:04 09/11/2017

DEPTH	ELEVATION	STRATA DESCRIPTION	DEPTH	USCS	GRAPHIC LOG	SAMPLE TYPE	RECOVERY	PID (ppm) 10.6 eV Lamp	Observations / Remarks
	855	[Asphalt with gravel sub-base]	0.5						
		SANDY GRAVEL (GW)		GW					
		CLAYEY SAND (SW-SC)	2					6.1	
				SW-SC					
5	850		5.5					6.6	
		CLAY (CL) greenish gray						1.6	
				CL			24/48	2.2	
10	845							2.2	
		SAND (SP)	13	SP				1.8	
		CLAY (CL) greenish gray	14	CL			37/48		
15	840	SAND (SP)	15	SP				1.8	
		SANDY CLAY (SC)	16	SC					
		SAND (SP) brown	17				48/48	2.1	
				SP				2.1	
20	835	[End of boring at 20' bgs]	20						
			22						
25	830								

REMARKS:
Installed temporary monitoring well screened from 10-20' bgs.

LAB ANALYSIS:

Auger Cuttings

Direct push geoprobe sample

ERM	PROJECT: Reich Brothers, LLC Thompson Hine, LLP Phase II Environmental Site Assessment 910 Mayer Street, Madison, WI	BORING # **SB-63** ERM PROJECT # 0403363 SHEET 1 OF 1

DRILLING CONTRACTOR	Geoserve, Inc. Woodstock, Illinois	ERM REPRESENTATIVE	Carl Stay
DRILLING FOREMAN	Eduardo Deulbe	OFFICE LOCATION	Milwaukee, WI
DRILLING METHOD	Direct Push	DATE: START	09/07/2017
DRILLING EQUIPMENT	Geoprobe 7822 DT	FINISH	09/07/2017

HORIZONTAL DATUM (NAD 1983 StatePlane Wisconsin South (US Feet))		BOREHOLE DEPTH	16 ft
NORTHING	2172265.07	BOREHOLE DIAMETER	2.5 in
EASTING	405665.368	DEPTH TO WATER (INITIAL)	
VERTICAL DATUM (NGVD 29 (US Feet)) ELEVATION	854.89 ft	DEPTH TO WATER (FINAL)	6.9 ft 11:05 09/11/2017

DEPTH	ELEVATION	STRATA DESCRIPTION	DEPTH	USCS	GRAPHIC LOG	SAMPLE TYPE	RECOVERY	PID (ppm) 10.6 eV Lamp	Observations / Remarks
		[Asphalt with gravel sub-base]	0.5						
		SILTY CLAY (CL-ML)		CL-ML				1.8	
		SAND (SW)	4	SW				1.7	
5	850		5.5						
		PEAT black	6				0/48		
		CLAY (CL) grayish green		CL				4.5	
		SILT (ML) grayish green	7.5						
				ML				2.2	
10	845						24/48		
								2.2	
		SAND (SW)	11.5 12	SW					
		CLAYEY SILT (CL-ML)	12.5	CL-ML				1.8	
		SAND (SW)		SW			23/48		
15	840							1.8	
		[End of boring at 16' bgs]	16						
								1.3	
			18						
								1.3	
20	835								
25	830								
	825								

REMARKS:
Installed temporary monitoring well screened from 8-18' bgs.

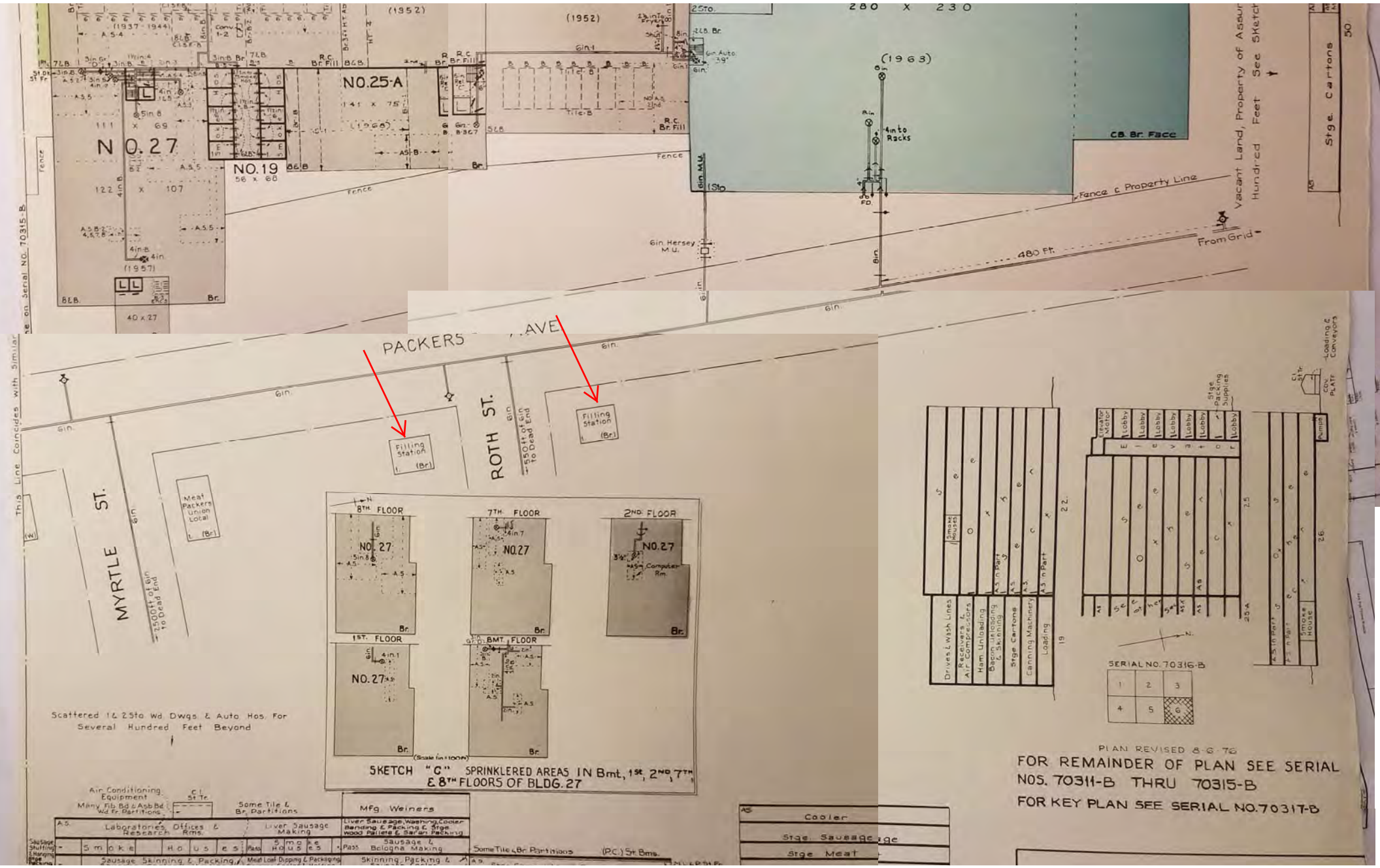
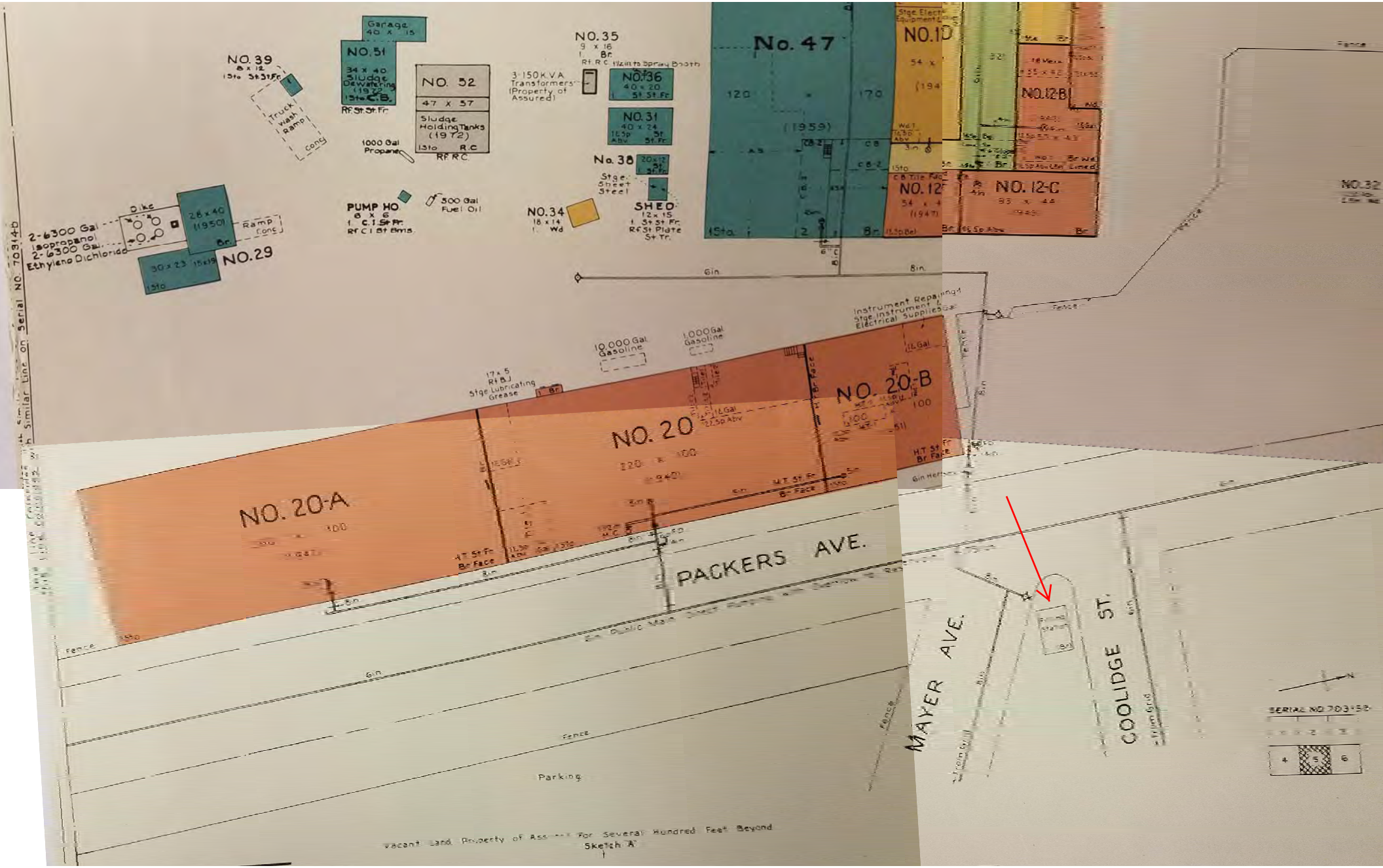
LAB ANALYSIS:

Auger Cuttings

Direct push geoprobe sample

APPENDIX D MAP OF FORMER FILLING STATION LOCATIONS (1959)

Former Filling Stations (1959)



Former Filling Station (1959)