

## Lauridsen, Keld B - DNR

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**From:** Lauridsen, Keld B - DNR  
**Sent:** Wednesday, November 21, 2018 3:38 PM  
**To:** 'Ken Ebbott'  
**Cc:** Don Gallo (dgallo@axley.com); John Butz; 'Steve Gottsche'  
**Subject:** RE: Bay Towel Additional Soil Excavation Plan, 501 S Adams Street, BRRZTS 02-05-237064

Ken,

I have reviewed your proposal for additional source removal at the above site. The approach sounds reasonable and this email serves as DNR notice to proceed with the additional work.

Let me know if we need to discuss anything further.

-Keld

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Visit our survey at <http://dnr.wi.gov/customersurvey> to evaluate how I did.

**Keld B. Lauridsen**

Phone: (920) 662-5420

Keld.Lauridsen@wisconsin.gov

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**From:** Ken Ebbott <kebbott@fehr-graham.com>  
**Sent:** Wednesday, November 7, 2018 4:12 PM  
**To:** Lauridsen, Keld B - DNR <Keld.Lauridsen@wisconsin.gov>  
**Cc:** Ken Ebbott <kebbott@fehr-graham.com>; Don Gallo (dgallo@axley.com) <dgallo@axley.com>; John Butz <Jbutz@baytowel.com>; 'Steve Gottsche' <sgottsche@resolutemgmt.com>  
**Subject:** Bay Towel Additional Soil Excavation Plan, 501 S Adams Street, BRRZTS 02-05-237064

Keld,

Attached is a 5 page letter and a few figures / table showing the planned excavation of additional contaminated soil at the Bay Towel site in Green Bay.

We did an excavation in 2016 and this supplemental excavation is planned to speed up the process for pursuit of closure.

Soil borings were advanced to determine remaining contaminant levels, and we have targeted further excavations based on those results.

Four existing water table monitoring wells will be removed and restored during the excavation.

We plan to implement the excavation the last week of November. Formal, written technical response is not requested and fees have not been paid, however we would like your input on the main elements of source removal and well restoration prior to moving forward. There is no DERF program eligibility remaining for this project, so budget review and approval is not needed.

Thanks for your help, and I look forward to hearing from you.

Ken

**KENDRICK EBBOTT, PG | Branch Manager**  
**Fehr Graham | Engineering & Environmental**

909 North 8<sup>th</sup> Street, Suite 101  
Sheboygan, Wisconsin 53081  
P: 920.453.0700  
C: 920.980.4231  
[fehr-graham.com](http://fehr-graham.com)



November 7, 2018

Mr. Keld Lauridsen  
WDNR  
2984 Shawano Avenue  
Green Bay WI, 54313-6727

RE: Additional Soil Excavation Plan, Bay Towel / Former Royal Cleaners Environmental Site, 501 S. Adams Street, Green Bay, WI, BRRTS # 02-05-237064

Dear Keld:

### **Objective**

The purpose of this submittal is to present the results of additional soil borings installed at the above-referenced drycleaning site and indicate the extent of proposed additional soil excavation. The additional excavation will remove additional contaminant mass from the site and will help facilitate closure in a timely manner.

### **Background Information**

Efforts on the remediation of the former Bay Towel drycleaning facility have been on-going for nearly 20 years. In 2003, removal of a small amount of contaminant mass via excavation outside and beneath the building was completed, followed by addition of oil to enhance degradation. There was too much contaminant mass present in the subsurface soil and groundwater, and groundwater chemistry results did not display improving concentrations over time.

In 2016 the building was demolished, and in 2016 and early 2017 approximately 3,400 tons of the most contaminated soil at the property was excavated and landfilled from beneath the former building. Some of the soil had such high levels of PCE that it required pre-treatment with chemical oxidizers before landfill disposal could be completed. All concrete footings and impermeable surfaces were removed, and the remaining gravel cover has been serving as a parking area for a few adjacent tenants.

The existing network of 16 groundwater monitoring wells has been sampled on three occasions since the excavation, in May, August, and November 2017.

The results were summarized in a Documentation Report submitted to the WDNR in May 2018. Feedback indicated that while significant improvements were apparent in some locations, notably well MW-1R where the entire well was removed and replaced, at other locations, the concentrations of some drycleaning related contaminants, while improved over pre-excavation levels, have shown increasing concentrations over time.

Groundwater at well MW-2 was noted to display rising concentrations over time for the drycleaning solvent tetrachloroethene (PCE), trichloroethene (TCE), and vinyl chloride (VC). At well MW-3, the levels of the degradation product VC have increased over the past

three events. Levels of PCE in groundwater from well MW-7 has also shown increases when compared to pre-excavation concentrations.

The reason for increases in groundwater concentrations following the excavation is likely due to the removal of the building and parking lot cap that previously covered remaining soil contamination. Precipitation can now pass through the previously capped soils, and residual PCE that is present in the soil can leach to the water.

Also, the removal of the building footings now allows greater horizontal migration of the shallow groundwater, and well MW-7, and potentially wells MW-8 and MW-5, may start to display increasing groundwater concentrations over time as the shallow groundwater can now flow more freely.

If the plume begins to migrate from the remaining contaminated soil, it may take a long time to document stable or declining concentrations in the groundwater, making case closure difficult to justify and costly due to long term monitoring.

Additional soil excavation will minimize the potential for plume expansion.

### **Soil Cleanup Objective**

While we have removed the most significant contamination from the property, there is contamination in the soil that persists, and it is not economically feasible to remove all contamination. Remaining soil contamination from the 2016 excavation is shown on Figure B.2.b.

The WDNR default concentrations for PCE and TCE in soil that can be present and not pose a risk for groundwater contamination is very low, less than 0.005 mg/kg (essentially no detection given the lab detection limit is 0.025 mg/kg). Remediation to the default WDNR concentrations is not feasible.

This submittal proposes to remove soil contamination to an approximate cleanup goal of 0.5 mg/kg chlorinated VOCs as the general target for remaining contaminant concentration in unsaturated soil.

### **Soil Borings and Soil Chemistry Results**

Twenty Geoprobe soil borings (B-101 to B-120) were advanced on October 9, 2018 at the locations shown on Figure 1. All borings were advanced to ten feet below grade, and none encountered refusal. Soil samples were retained from depths of two, five, eight, and ten feet at most locations. Upon completion of sampling to ten feet, the borings were abandoned with bentonite and flagged for location.

Not all soil samples were submitted for laboratory analysis. Upon receipt of the initial test results, additional soil samples were submitted for analysis to define the extent of impacts. Rapid laboratory turnaround was received, so all laboratory holding times were met for analysis of the additional soil samples. The sample results are shown on Figure 1, and the laboratory analytical results are attached.

### **Proposed Additional Excavation**

The attached Figure 1 shows the proposed additional soil excavation areas and depths (z=5', etc.). The areas are identified as Area A through Area H, and the volume of soil from each area is quantified on Table 2.

The total proposed additional soil excavation is 2,760 tons, with excavation depths targeting depths of five to 12 feet below grade.

The surficial 0.5 feet of soil from the excavation is fill that was placed upon completion of the excavation in 2016. This material will be scraped using a front end loader and stockpiled on-site, for reuse as surficial fill after completion of the additional excavation.

Upon encountering material that is not clearly the fill placed in 2016, excavation and landfill disposal will commence. The material will be hauled to Waste Management's Ridgeview Recycling and Disposal facility in Whitelaw. All soil chemistry concentrations indicate the material is non-hazardous, and previous approvals for the soil disposal will be used.

Confirmation samples of the final excavation walls and floor limits will be retained on an approximate 25 to 30 foot spacing at the excavation boundaries. Some boundaries have already been established using the previous soil boring chemistry results. An estimated 26 additional soil samples will be retained for final limit confirmation analysis.

### **Restoration**

Removal and restoration of wells MW-2R, MW-3R, MW-5R and MW-7R, will be completed. Complete well removal of the existing water table wells will be performed as the surrounding soil is excavated for landfill disposal. The replacement wells will be installed at the same approximate location as the existing wells. The excavation may be deepened by several feet at the location of the wells for a bucket width to help with well removal and to get the depth needed for replacement well installation. Replacement wells will consist of a five to ten-foot long screened interval extending from the excavation base to approximately two feet below grade.

The contractor will assist with well installation, and filter pack sand will be placed around each well screened interval. The wells will be finished with a bentonite seal in the top one to two feet and will be completed flush with the ground surface, with a surrounding flush-mount traffic weight cover.

Piezometers PZ-1, PZ-2, and PZ-3 will be left in place - care will be taken to excavate around the well standpipe and the pipe will be replaced upon backfill placement.

Bank run sand and gravel backfill will be placed shortly after reaching the target depth of five to 12 feet below grade to minimize potential groundwater accumulation issues. If necessary, a contingency for placement of 2-inch stone backfill in the excavation base has been included.

The ground surface will be restored with compactible traffic bond or quarry screenings surface material. Reuse of the clean existing surface material will occur, and additional imported fill will be placed, graded, and compacted to provide a firm surface for vehicle parking.

#### **Post-Excavation Groundwater Sampling and Reporting**

Following the proposed additional excavation, the replacement wells MW-2R, MW-3R, MW-5R, and MW-7R will be developed and surveyed for elevation using the datum from remaining wells as the benchmark.

Groundwater samples from all 16 site monitoring wells should be retained for analysis of VOCs, and eight select wells per sample round should be analyzed for methane, ethane, and ethene. Field monitoring of the water level and field parameters (dissolved oxygen, specific conductance, pH, oxidation-reduction potential, and temperature) will be performed. One duplicate sample and one trip blank sample will be obtained and analyzed for VOCs per sample round for quality assurance and quality control purposes.

Because the groundwater velocity at the site is low, sampling is expected to be performed on a six-month basis. However, if the WDNR agrees that case closure could be obtained with quarterly sample rounds, more frequent sampling may be completed to speed up the process.

After the first round of post-excavation groundwater sampling, a Remedial Action Documentation Report will be prepared. The report will summarize the additional excavation activities and will include information on the remaining site conditions. A plan for further groundwater sampling, and the pathway to closure, will be included as a recommendation of the report.

The report will be sent to the WDNR, client, and insurance carrier.

#### **Case Closure Request with GIS Packet**

Once the WDNR project manager agrees closure can be requested, we will put together the WDNR closure packet. Closure involves a very thorough submittal that summarizes all historic activities at the property, with stringent requirements for tables and figures.

We expect the closure will include notification to the City of Green Bay of remaining contamination in the right of way of Chicago Street and possibly Adams Street. Closure will include placement of a GIS listing for the property on the WDNR web site, documenting the remaining soil and groundwater chemistry results.

No cap maintenance plan is expected to be necessary, as the final ground surface is gravel.

The WDNR closure letter will require that certain future activities, such as excavation, building, redevelopment, or dewatering, must be completed with involvement and approval of the WDNR. Any future structures on the property would likely need to install a subslab vapor mitigation system.

### Cost Estimate and Schedule

The estimated cost for the proposed additional work has been provided previously to Resolute. The anticipated cost for soil remediation of 2,760 tons of additional soil is within the range, but at the top end of the previously provided cost estimates.

The additional excavation is planned as follows:

Excavation, Backfill	Late November/ Dec 2018
Groundwater Sample 1	Dec 2018 / Jan 2019
Remedial Action Report	Feb 2019

Subsequent groundwater sample events will be completed upon interpretation of the project needs following the additional soil remedial actions.

With the pending winter freeze, your prompt reply to the proposed scope modification is requested. It is straightforward, and additional source removal will only serve to benefit the situation.

I look forward to any questions or comments you may have.

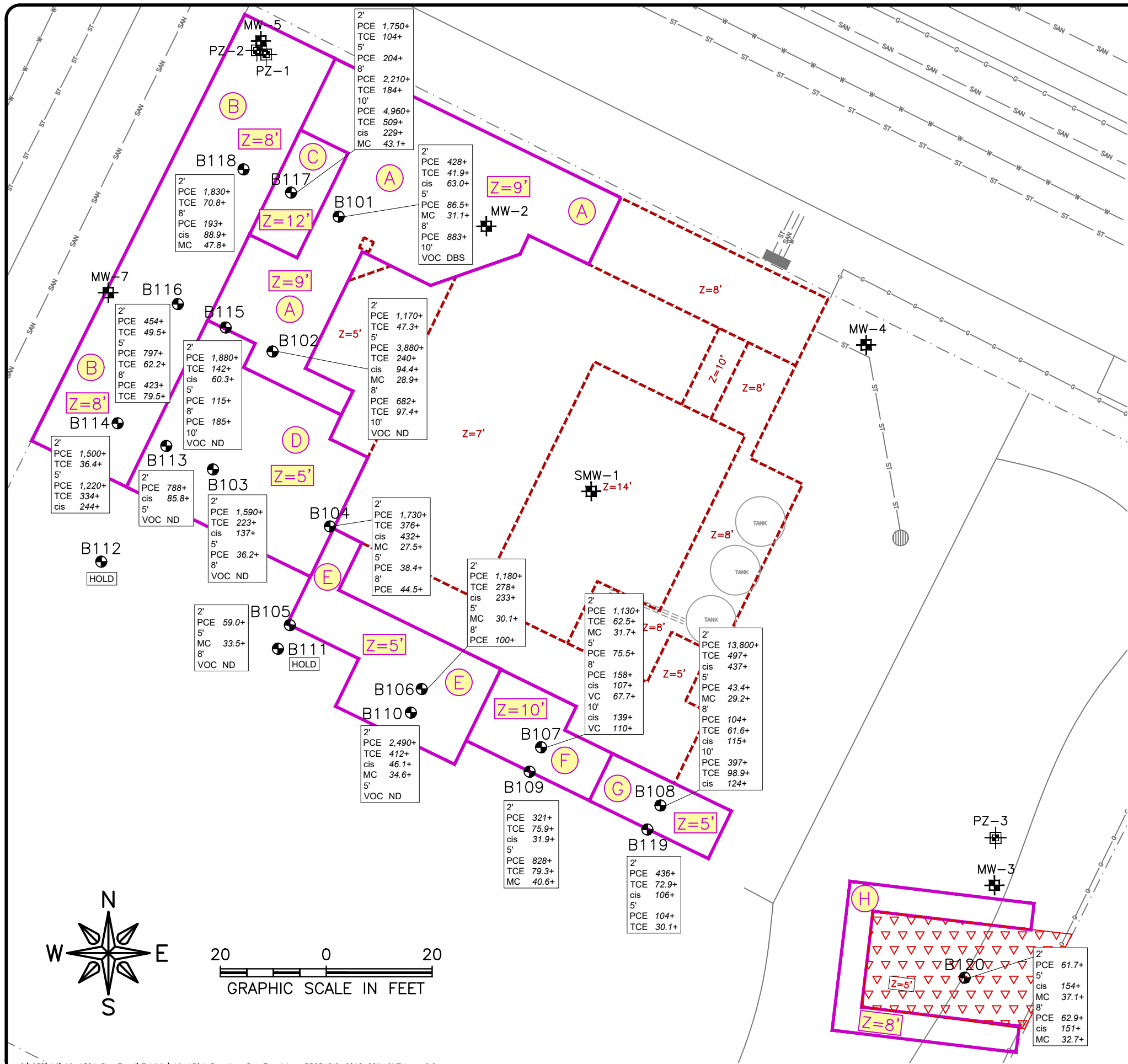
Sincerely,



Kendrick A. Ebbott, P.G.  
Branch Manager

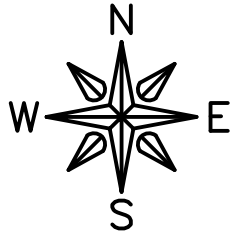
Attachments: Figure 1: Proposed Additional Soil Excavation  
Figure B.2.b Remaining in Place Soil Chemistry  
Table 2: Volume of Proposed Additional Excavation  
Laboratory Analytical Report - Soil Samples from Borings B-101 to B-120

Cc: Mr. John Butz, Bay Towel, via email only  
Mr. Don Gallo, Axley, via email only  
Mr. Craig F. Evans, Resolute Management Inc., via email only



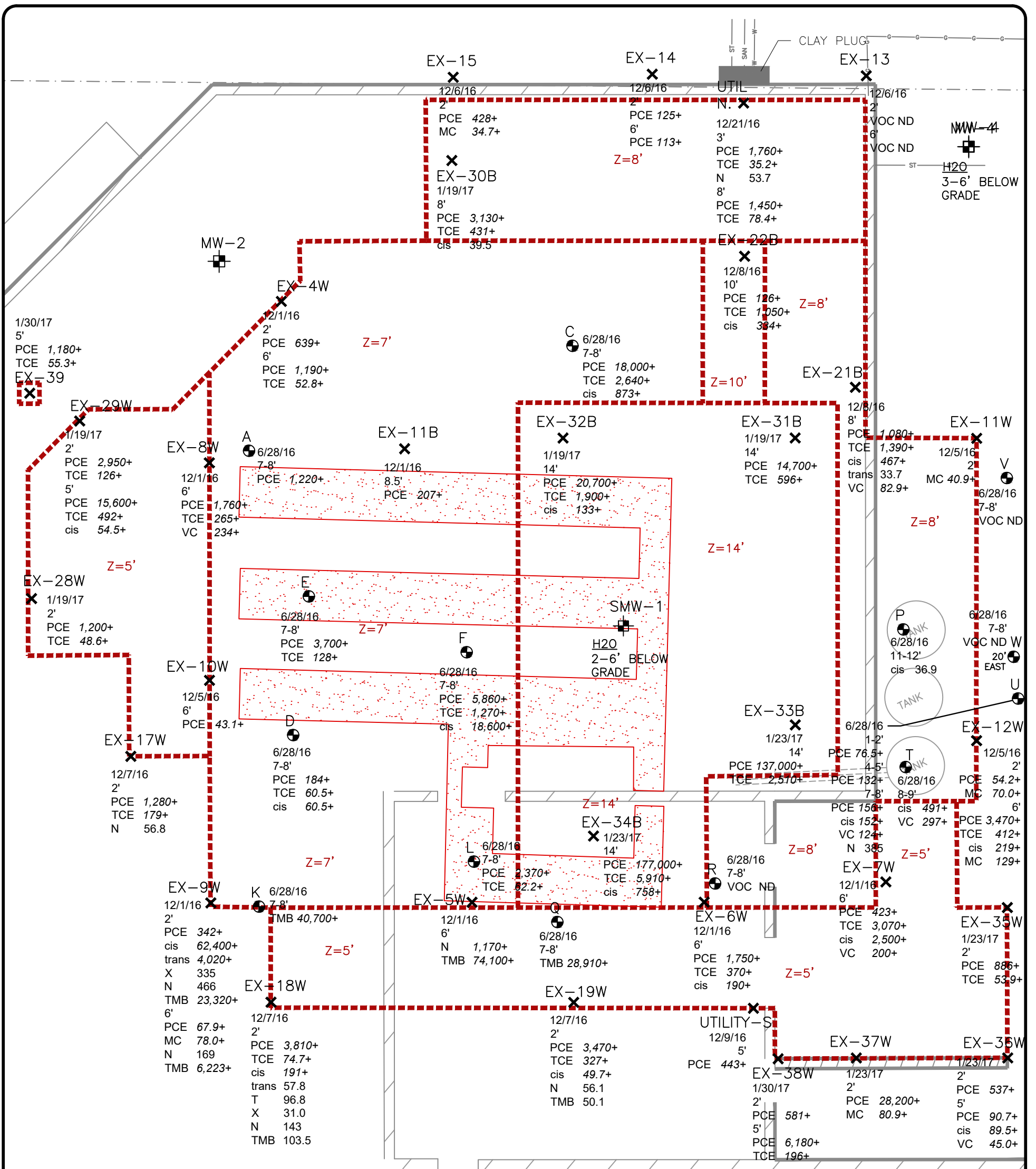
### LEGEND

- SOIL BORINGS
- ⊕ MONITORING WELL
- Z=5' 2016 FEHR GRAHAM EXCAVATION & DEPTH
- PROPOSED EXCAVATION LIMIT
- A Z=9' PROPOSED AREA & DEPTH
- 0-2' SAMPLE DEPTH
- PCE TETRACHLOROETHENE (ug/kg)
- TCE TRICHLOROETHENE (ug/kg)
- cis cis-1,2-DICHLOROETHENE (ug/kg)
- trans trans-1,2-DICHLOROETHENE (ug/kg)
- VC VINYL CHLORIDE (ug/kg)
- MC METHYLENE CHLORIDE (ug/kg)
- B BENZENE (ug/kg)
- E ETHYLBENZENE (ug/kg)
- T TOLUENE (ug/kg)
- X XYLENES, TOTAL (ug/kg)
- N NAPHTHALENE (ug/kg)
- TMB TRIMETHYLBENZENE, TOTAL (ug/kg)
- ND NO DETECT
- ITALICS+* EXCEEDS GROUNDWATER PATHWAY RCL
- BOLD++** EXCEEDS NON-INDUSTRIAL DIRECT CONTACT (0-4') RCL
- BOLD/ITALIC++** EXCEEDS BOTH GROUNDWATER & DIRECT CONTACT RCL



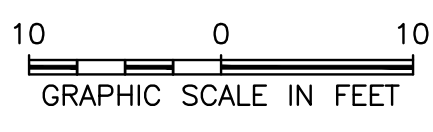
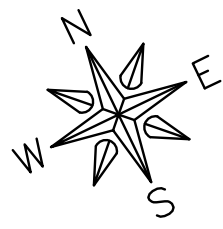
<b>FEHR GRAHAM</b> ENGINEERING & ENVIRONMENTAL BAY TOWEL-SOLVENT INVESTIGATION 501 S. ADAMS ST. GREEN BAY, WI 54301 DRWN:MKH DATE:10/21/15 APPD:KE	ILLINOIS IOWA WISCONSIN	TITLE: <b>SOIL CHEMISTRY &amp;          PROPOSED ADDITIONAL          SOIL EXCAVATION</b> BRRTS: 02-05-237064 JOB NO.: 16-1304 PLOT DATE: 11/7/18
	FIGURE: <b>1</b>	





### LEGEND

- SOIL BORINGS
- ✕ EXCAVATION SOIL SAMPLE
- ⊕ MONITORING WELL
- Z=5' 2016 FEHR GRAHAM EXCAVATION
- Z=5' 2003 ARCADIS EXCAVATION
- 1/23/17 SAMPLE DATE
- 0-2' SAMPLE DEPTH
- PCE TETRACHLOROETHENE (ug/kg)
- TCE TRICHLOROETHENE (ug/kg)
- cis cis-1,2-DICHLOROETHENE (ug/kg)
- trans trans-1,2-DICHLOROETHENE (ug/kg)
- VC VINYL CHLORIDE (ug/kg)
- MC METHYLENE CHLORIDE (ug/kg)
- B BENZENE (ug/kg)
- E ETHYLBENZENE (ug/kg)
- T TOLUENE (ug/kg)
- X XYLENES, TOTAL (ug/kg)
- N NAPHTHALENE (ug/kg)
- TMB TRIMETHYLBENZENE, TOTAL (ug/kg)
- ND NO DETECT
- ITALICS+* EXCEEDS GROUNDWATER PATHWAY RCL
- BOLD++** EXCEEDS NON-INDUSTRIAL DIRECT CONTACT (0-4') RCL
- BOLD/ITALIC++*** EXCEEDS BOTH GROUNDWATER & DIRECT CONTACT RCL



<b>FEHR GRAHAM</b> ENGINEERING & ENVIRONMENTAL BAY TOWEL-SOLVENT INVESTIGATION 501 S. ADAMS ST. GREEN BAY, WI 54301 DRWN: MKH DATE: 10/21/15 APPD: KE	ILLINOIS IOWA WISCONSIN	TITLE: <b>REMAINING IN PLACE SOIL CHEMISTRY</b> BRRTS: 02-05-237064 JOB NO.: 16-1304 PLOT DATE: 5/15/18	FIGURE: <b>B.2.b</b>
	© 2018 FEHR GRAHAM		

**TABLE 2 : Volume of Proposed Additional Excavation 2018**

Former Bay Towel, 501 S. Adams Street, Green Bay, WI BRRTS # 02-05-237064

<b>Soil Volume ADDL EXCVN</b>											Total by area
Location	Map ID	Depth Total	Borings in Area	Length	Width	Sq Ft	Clean Fill top 0.5' (CY)	Landfill thickness	Total CY	Total Ton	
							0.5				
Excvn former Dig area, top 0.5' clean											
N by Chicago St	A	9	None - Wall former dig	62	14	868	16	8.5	273	410	1045
Long Box by MW-2	A	9	MW-2	40	5	200	10	8.5	63	94	
Box at B-101	A	9	B-101	27	12	324	7	8.5	102	153	
NW Triangle	A	9	half volume traingle	11	11	60.5	6	8.5	76	114	
NW Corner	A	9	S of 101	12	6	72	3	8.5	23	34	
NW Large	A	9	102, 115	23	18	414	6	8.5	130	196	
NW Large	A	9	102	23	4	92	6	8.5	29	43	
NW by Adams Street	B	9	118, 116, 114	90	18	1620	23	7.5	450	675	675
NW Center	C	12	117	21	10	210	5	11.5	89	134	134
SW Former Dig	D	5	115	10	4	40	3	4.5	7	10	306
	D	5	S of 115	32	5	160	8	4.5	27	40	
	D	5	113, 103, 104	41	25	1025	11	4.5	171	256	
S of Former Dig	E	5	104	10	7	70	3	4.5	12	18	183
	E	5	105, 106	41	10	410	11	4.5	68	103	
	E	5	106, 110	25	10	250	6	4.5	42	63	
S of Former Dig	F	10		15	5	75	4	9.5	26	40	166
	F	10	107, 109	24	10	240	6	9.5	84	127	
SE Corner Former Dig	G	5	108, 119	23	10	230	6	4.5	38	58	58
<b>2003 DIG BY MW-3 to 8'</b>											
Perimeter former dig N, W, S											
N Wall	H	8	N of 120	36	5	180	9	7.5	50	75	194
W Wall	H	8	W of 120	30	5	150	8	7.5	42	63	
S Wall	H	8	S of 120	27	5	135	7	7.5	38	56	
<b>Total Landfill</b>						<b>6826</b>	<b>164</b>		<b>1840</b>	<b>2760</b>	<b>2760</b>

<b>TOTAL SOIL QUANTITIES</b>										
Scrape and Reuse									164	247
Excvn									1840	<b>2760</b>
Backfill / Replace in Excvn									164	<b>247</b>
Landfill									1840	<b>2760</b>
Backfill Imported Bank Run Sand									1170	<b>1755</b>
Backfill Imported Traffic Bond top 1'									253	<b>379</b>
Backfill Stone bottom foot									253	<b>506</b>

November 02, 2018

Ken Ebbott  
Fehr Graham Engineering and Environmental  
909 N. 8th Street  
Suite 101  
Sheboygan, WI 53081

RE: Project: 16-1304 BAY TOWEL  
Pace Project No.: 40177343

Dear Ken Ebbott:

Enclosed are the analytical results for sample(s) received by the laboratory on October 09, 2018. 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,



Christopher Hyska  
christopher.hyska@pacelabs.com  
(920)469-2436  
Project Manager

Enclosures

cc: Megan Hansen, Fehr Graham Engineering and  
Environmental



## REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,  
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## CERTIFICATIONS

Project: 16-1304 BAY TOWEL

Pace Project No.: 40177343

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### 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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## REPORT OF LABORATORY ANALYSIS

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### SAMPLE SUMMARY

Project: 16-1304 BAY TOWEL

Pace Project No.: 40177343

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40177343001	B-101 2'	Solid	10/09/18 08:00	10/09/18 14:30
40177343002	B-101 5'	Solid	10/09/18 08:02	10/09/18 14:30
40177343003	B-101 8'	Solid	10/09/18 08:04	10/09/18 14:30
40177343004	B-101 10'	Solid	10/09/18 08:06	10/09/18 14:30
40177343005	B-102 2'	Solid	10/09/18 09:20	10/09/18 14:30
40177343006	B-102 5'	Solid	10/09/18 09:22	10/09/18 14:30
40177343007	B-102 8'	Solid	10/09/18 09:24	10/09/18 14:30
40177343008	B-102 10'	Solid	10/09/18 09:26	10/09/18 14:30
40177343009	B-103 2'	Solid	10/09/18 10:12	10/09/18 14:30
40177343010	B-103 5'	Solid	10/09/18 10:14	10/09/18 14:30
40177343011	B-103 8'	Solid	10/09/18 10:16	10/09/18 14:30
40177343012	B-103 10'	Solid	10/09/18 10:18	10/09/18 14:30
40177343013	B-104 2'	Solid	10/09/18 10:24	10/09/18 14:30
40177343014	B-104 5'	Solid	10/09/18 10:26	10/09/18 14:30
40177343015	B-104 8'	Solid	10/09/18 10:28	10/09/18 14:30
40177343016	B-104 10'	Solid	10/09/18 10:30	10/09/18 14:30
40177343017	B-105 2'	Solid	10/09/18 11:18	10/09/18 14:30
40177343018	B-105 5'	Solid	10/09/18 11:20	10/09/18 14:30
40177343019	B-105 8'	Solid	10/09/18 11:22	10/09/18 14:30
40177343020	B-105 10'	Solid	10/09/18 11:24	10/09/18 14:30
40177343021	B-106 2'	Solid	10/09/18 12:00	10/09/18 14:30
40177343022	B-106 5'	Solid	10/09/18 12:02	10/09/18 14:30
40177343023	B-106 8'	Solid	10/09/18 12:04	10/09/18 14:30
40177343024	B-106 10'	Solid	10/09/18 12:06	10/09/18 14:30
40177343025	B-107 2'	Solid	10/09/18 12:42	10/09/18 14:30
40177343026	B-107 5'	Solid	10/09/18 12:44	10/09/18 14:30
40177343027	B-107 8'	Solid	10/09/18 12:46	10/09/18 14:30
40177343028	B-107 10'	Solid	10/09/18 12:48	10/09/18 14:30
40177343029	B-108 2'	Solid	10/09/18 13:16	10/09/18 14:30
40177343030	B-108 5'	Solid	10/09/18 13:18	10/09/18 14:30
40177343031	B-108 8'	Solid	10/09/18 13:20	10/09/18 14:30
40177343032	B-108 10'	Solid	10/09/18 13:22	10/09/18 14:30
40177343033	B-109 2'	Solid	10/09/18 12:54	10/09/18 14:30
40177343034	B-109 5'	Solid	10/09/18 12:56	10/09/18 14:30
40177343035	B-109 8'	Solid	10/09/18 12:58	10/09/18 14:30
40177343036	B-109 10'	Solid	10/09/18 13:00	10/09/18 14:30
40177343037	B-110 2'	Solid	10/09/18 12:30	10/09/18 14:30

### REPORT OF LABORATORY ANALYSIS

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## SAMPLE SUMMARY

Project: 16-1304 BAY TOWEL

Pace Project No.: 40177343

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40177343038	B-110 5'	Solid	10/09/18 12:32	10/09/18 14:30
40177343039	B-110 8'	Solid	10/09/18 12:34	10/09/18 14:30
40177343040	B-110 10'	Solid	10/09/18 12:36	10/09/18 14:30
40177343041	B-111 2'	Solid	10/09/18 11:32	10/09/18 14:30
40177343042	B-111 5'	Solid	10/09/18 11:34	10/09/18 14:30
40177343043	B-111 8'	Solid	10/09/18 11:36	10/09/18 14:30
40177343044	B-111 10'	Solid	10/09/18 11:38	10/09/18 14:30
40177343045	B-112 2'	Solid	10/09/18 10:46	10/09/18 14:30
40177343046	B-112 5'	Solid	10/09/18 10:48	10/09/18 14:30
40177343047	B-112 8'	Solid	10/09/18 10:50	10/09/18 14:30
40177343048	B-112 10'	Solid	10/09/18 10:52	10/09/18 14:30
40177343049	B-113 2'	Solid	10/09/18 09:46	10/09/18 14:30
40177343050	B-113 5'	Solid	10/09/18 09:48	10/09/18 14:30
40177343051	B-113 8'	Solid	10/09/18 09:50	10/09/18 14:30
40177343052	B-113 10'	Solid	10/09/18 09:52	10/09/18 14:30
40177343053	B-114 2'	Solid	10/09/18 09:34	10/09/18 14:30
40177343054	B-114 5'	Solid	10/09/18 09:36	10/09/18 14:30
40177343055	B-114 8'	Solid	10/09/18 09:38	10/09/18 14:30
40177343056	B-114 10'	Solid	10/09/18 09:40	10/09/18 14:30
40177343057	B-115 2'	Solid	10/09/18 09:00	10/09/18 14:30
40177343058	B-115 5'	Solid	10/09/18 09:02	10/09/18 14:30
40177343059	B-115 8'	Solid	10/09/18 09:04	10/09/18 14:30
40177343060	B-115 10'	Solid	10/09/18 09:06	10/09/18 14:30
40177343061	B-116 2'	Solid	10/09/18 08:48	10/09/18 14:30
40177343062	B-116 5'	Solid	10/09/18 08:50	10/09/18 14:30
40177343063	B-116 8'	Solid	10/09/18 08:52	10/09/18 14:30
40177343064	B-116 10'	Solid	10/09/18 08:54	10/09/18 14:30
40177343065	B-117 2'	Solid	10/09/18 08:20	10/09/18 14:30
40177343066	B-117 5'	Solid	10/09/18 08:22	10/09/18 14:30
40177343067	B-117 8'	Solid	10/09/18 08:24	10/09/18 14:30
40177343068	B-117 10'	Solid	10/09/18 08:26	10/09/18 14:30
40177343069	B-118 2'	Solid	10/09/18 08:32	10/09/18 14:30
40177343070	B-118 5'	Solid	10/09/18 08:34	10/09/18 14:30
40177343071	B-118 8'	Solid	10/09/18 08:36	10/09/18 14:30
40177343072	B-118 10'	Solid	10/09/18 08:38	10/09/18 14:30
40177343073	B-119 2'	Solid	10/09/18 13:28	10/09/18 14:30
40177343074	B-119 5'	Solid	10/09/18 13:30	10/09/18 14:30

## REPORT OF LABORATORY ANALYSIS

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## SAMPLE SUMMARY

Project: 16-1304 BAY TOWEL

Pace Project No.: 40177343

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40177343075	B-119 8'	Solid	10/09/18 13:32	10/09/18 14:30
40177343076	B-119 10'	Solid	10/09/18 13:34	10/09/18 14:30
40177343077	B-120 2'	Solid	10/09/18 13:46	10/09/18 14:30
40177343078	B-120 5'	Solid	10/09/18 13:48	10/09/18 14:30
40177343079	B-120 8'	Solid	10/09/18 13:50	10/09/18 14:30
40177343080	B-120 10'	Solid	10/09/18 13:52	10/09/18 14:30
40177343081	METH BLANK	Solid	10/09/18 00:00	10/09/18 14:30

## REPORT OF LABORATORY ANALYSIS

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### SAMPLE ANALYTE COUNT

Project: 16-1304 BAY TOWEL  
Pace Project No.: 40177343

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40177343001	B-101 2'	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	SKW	1	PASI-G
40177343002	B-101 5'	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	SKW	1	PASI-G
40177343003	B-101 8'	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	SKW	1	PASI-G
40177343004	B-101 10'	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	AH	1	PASI-G
40177343005	B-102 2'	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	SKW	1	PASI-G
40177343006	B-102 5'	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	SKW	1	PASI-G
40177343007	B-102 8'	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	SKW	1	PASI-G
40177343008	B-102 10'	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	AH	1	PASI-G
40177343009	B-103 2'	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	SKW	1	PASI-G
40177343010	B-103 5'	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	SKW	1	PASI-G
40177343011	B-103 8'	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	SKW	1	PASI-G
40177343013	B-104 2'	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	SKW	1	PASI-G
40177343014	B-104 5'	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	SKW	1	PASI-G
40177343015	B-104 8'	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	SKW	1	PASI-G
40177343017	B-105 2'	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	SKW	1	PASI-G
40177343018	B-105 5'	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	SKW	1	PASI-G
40177343019	B-105 8'	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	SKW	1	PASI-G
40177343021	B-106 2'	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	SKW	1	PASI-G
40177343022	B-106 5'	EPA 8260	SMT	64	PASI-G

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### SAMPLE ANALYTE COUNT

Project: 16-1304 BAY TOWEL  
Pace Project No.: 40177343

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40177343023	B-106 8'	ASTM D2974-87	SKW	1	PASI-G
		EPA 8260	SMT	64	PASI-G
40177343025	B-107 2'	ASTM D2974-87	SKW	1	PASI-G
		EPA 8260	SMT	64	PASI-G
40177343026	B-107 5'	ASTM D2974-87	SKW	1	PASI-G
		EPA 8260	SMT	64	PASI-G
40177343027	B-107 8'	ASTM D2974-87	SKW	1	PASI-G
		EPA 8260	SMT	64	PASI-G
40177343028	B-107 10'	ASTM D2974-87	SKW	1	PASI-G
		EPA 8260	SMT	64	PASI-G
40177343029	B-108 2'	ASTM D2974-87	AH	1	PASI-G
		EPA 8260	SMT	64	PASI-G
40177343030	B-108 5'	ASTM D2974-87	SKW	1	PASI-G
		EPA 8260	SMT	64	PASI-G
40177343031	B-108 8'	ASTM D2974-87	SKW	1	PASI-G
		EPA 8260	SMT	64	PASI-G
40177343032	B-108 10'	ASTM D2974-87	SKW	1	PASI-G
		EPA 8260	SMT	64	PASI-G
40177343033	B-109 2'	ASTM D2974-87	AH	1	PASI-G
		EPA 8260	SMT	64	PASI-G
40177343034	B-109 5'	ASTM D2974-87	AH	1	PASI-G
		EPA 8260	SMT	64	PASI-G
40177343037	B-110 2'	ASTM D2974-87	AH	1	PASI-G
		EPA 8260	SMT	64	PASI-G
40177343038	B-110 5'	ASTM D2974-87	AH	1	PASI-G
		EPA 8260	SMT	64	PASI-G
40177343049	B-113 2'	ASTM D2974-87	AH	1	PASI-G
		EPA 8260	SMT	64	PASI-G
40177343050	B-113 5'	ASTM D2974-87	AH	1	PASI-G
		EPA 8260	SMT	64	PASI-G
40177343053	B-114 2'	ASTM D2974-87	AH	1	PASI-G
		EPA 8260	SMT	64	PASI-G
40177343054	B-114 5'	ASTM D2974-87	AH	1	PASI-G
		EPA 8260	SMT	64	PASI-G
40177343057	B-115 2'	ASTM D2974-87	AH	1	PASI-G
		EPA 8260	SMT	64	PASI-G

### REPORT OF LABORATORY ANALYSIS

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### SAMPLE ANALYTE COUNT

Project: 16-1304 BAY TOWEL

Pace Project No.: 40177343

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40177343058	B-115 5'	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	AH	1	PASI-G
40177343059	B-115 8'	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	AH	1	PASI-G
40177343060	B-115 10'	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	AH	1	PASI-G
40177343061	B-116 2'	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	AH	1	PASI-G
40177343062	B-116 5'	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	AH	1	PASI-G
40177343063	B-116 8'	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	AH	1	PASI-G
40177343065	B-117 2'	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	AH	1	PASI-G
40177343066	B-117 5'	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	AH	1	PASI-G
40177343067	B-117 8'	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	AH	1	PASI-G
40177343068	B-117 10'	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	AH	1	PASI-G
40177343069	B-118 2'	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	AH	1	PASI-G
40177343071	B-118 8'	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	AH	1	PASI-G
40177343073	B-119 2'	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	AH	1	PASI-G
40177343074	B-119 5'	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	AH	1	PASI-G
40177343077	B-120 2'	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	SKW	1	PASI-G
40177343078	B-120 5'	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	SKW	1	PASI-G
40177343079	B-120 8'	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	SKW	1	PASI-G
40177343081	METH BLANK	EPA 8260	SMT	64	PASI-G

### REPORT OF LABORATORY ANALYSIS

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### SUMMARY OF DETECTION

Project: 16-1304 BAY TOWEL  
Pace Project No.: 40177343

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
<b>40177343001</b>	<b>B-101 2'</b>					
EPA 8260	cis-1,2-Dichloroethene	63.0J	ug/kg	66.1	10/12/18 18:13	
EPA 8260	Tetrachloroethene	428	ug/kg	66.1	10/12/18 18:13	
EPA 8260	Trichloroethene	41.9J	ug/kg	66.1	10/12/18 18:13	
ASTM D2974-87	Percent Moisture	9.2	%	0.10	10/11/18 15:50	
<b>40177343002</b>	<b>B-101 5'</b>					
EPA 8260	Methylene Chloride	31.1J	ug/kg	71.2	10/12/18 14:20	
EPA 8260	Tetrachloroethene	86.5	ug/kg	71.2	10/12/18 14:20	
ASTM D2974-87	Percent Moisture	15.8	%	0.10	10/11/18 15:50	
<b>40177343003</b>	<b>B-101 8'</b>					
EPA 8260	Tetrachloroethene	883	ug/kg	73.4	10/12/18 11:19	
ASTM D2974-87	Percent Moisture	18.3	%	0.10	10/11/18 15:50	
<b>40177343004</b>	<b>B-101 10'</b>					
EPA 8260	cis-1,2-Dichloroethene	35.9J	ug/kg	82.1	10/22/18 10:01	L5
ASTM D2974-87	Percent Moisture	26.9	%	0.10	10/18/18 15:12	
<b>40177343005</b>	<b>B-102 2'</b>					
EPA 8260	Tetrachloroethene	1170	ug/kg	67.0	10/12/18 15:05	
EPA 8260	Trichloroethene	47.3J	ug/kg	67.0	10/12/18 15:05	
ASTM D2974-87	Percent Moisture	10.5	%	0.10	10/11/18 15:50	
<b>40177343006</b>	<b>B-102 5'</b>					
EPA 8260	cis-1,2-Dichloroethene	94.4	ug/kg	68.4	10/12/18 15:28	
EPA 8260	Methylene Chloride	28.9J	ug/kg	68.4	10/12/18 15:28	
EPA 8260	Tetrachloroethene	3880	ug/kg	68.4	10/12/18 15:28	
EPA 8260	Trichloroethene	240	ug/kg	68.4	10/12/18 15:28	
ASTM D2974-87	Percent Moisture	12.3	%	0.10	10/11/18 15:50	
<b>40177343007</b>	<b>B-102 8'</b>					
EPA 8260	Tetrachloroethene	682	ug/kg	75.5	10/12/18 15:50	
EPA 8260	Trichloroethene	97.4	ug/kg	75.5	10/12/18 15:50	
ASTM D2974-87	Percent Moisture	20.5	%	0.10	10/11/18 15:50	
<b>40177343008</b>	<b>B-102 10'</b>					
ASTM D2974-87	Percent Moisture	27.2	%	0.10	10/18/18 15:12	
<b>40177343009</b>	<b>B-103 2'</b>					
EPA 8260	n-Butylbenzene	43.3J	ug/kg	68.7	10/12/18 18:15	
EPA 8260	cis-1,2-Dichloroethene	137	ug/kg	68.7	10/12/18 18:15	
EPA 8260	trans-1,2-Dichloroethene	35.2J	ug/kg	68.7	10/12/18 18:15	
EPA 8260	Ethylbenzene	44.9J	ug/kg	68.7	10/12/18 18:15	
EPA 8260	Naphthalene	161J	ug/kg	286	10/12/18 18:15	
EPA 8260	Tetrachloroethene	1590	ug/kg	68.7	10/12/18 18:15	
EPA 8260	Toluene	223	ug/kg	68.7	10/12/18 18:15	
EPA 8260	Trichloroethene	223	ug/kg	68.7	10/12/18 18:15	
EPA 8260	1,2,4-Trimethylbenzene	121	ug/kg	68.7	10/12/18 18:15	
EPA 8260	1,3,5-Trimethylbenzene	64.4J	ug/kg	68.7	10/12/18 18:15	
EPA 8260	m&p-Xylene	268	ug/kg	137	10/12/18 18:15	

### REPORT OF LABORATORY ANALYSIS

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### SUMMARY OF DETECTION

Project: 16-1304 BAY TOWEL

Pace Project No.: 40177343

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
<b>40177343009</b>	<b>B-103 2'</b>					
EPA 8260	o-Xylene	151	ug/kg	68.7	10/12/18 18:15	
ASTM D2974-87	Percent Moisture	12.7	%	0.10	10/11/18 15:51	
<b>40177343010</b>	<b>B-103 5'</b>					
EPA 8260	Tetrachloroethene	36.2J	ug/kg	70.5	10/12/18 18:37	
ASTM D2974-87	Percent Moisture	14.9	%	0.10	10/11/18 15:51	
<b>40177343011</b>	<b>B-103 8'</b>					
ASTM D2974-87	Percent Moisture	23.2	%	0.10	10/11/18 15:51	
<b>40177343013</b>	<b>B-104 2'</b>					
EPA 8260	cis-1,2-Dichloroethene	432	ug/kg	65.8	10/12/18 19:22	
EPA 8260	Methylene Chloride	27.5J	ug/kg	65.8	10/12/18 19:22	
EPA 8260	Tetrachloroethene	1730	ug/kg	65.8	10/12/18 19:22	
EPA 8260	Trichloroethene	376	ug/kg	65.8	10/12/18 19:22	
EPA 8260	1,2,4-Trimethylbenzene	49.1J	ug/kg	65.8	10/12/18 19:22	
ASTM D2974-87	Percent Moisture	8.8	%	0.10	10/11/18 15:51	
<b>40177343014</b>	<b>B-104 5'</b>					
EPA 8260	Tetrachloroethene	38.4J	ug/kg	67.6	10/15/18 11:21	
ASTM D2974-87	Percent Moisture	11.3	%	0.10	10/11/18 15:51	
<b>40177343015</b>	<b>B-104 8'</b>					
EPA 8260	Tetrachloroethene	44.5J	ug/kg	78.2	10/12/18 14:42	
ASTM D2974-87	Percent Moisture	23.3	%	0.10	10/11/18 15:51	
<b>40177343017</b>	<b>B-105 2'</b>					
EPA 8260	Tetrachloroethene	59.0J	ug/kg	67.4	10/12/18 18:36	
EPA 8260	1,2,4-Trimethylbenzene	37.8J	ug/kg	67.4	10/12/18 18:36	
EPA 8260	1,3,5-Trimethylbenzene	29.3J	ug/kg	67.4	10/12/18 18:36	
ASTM D2974-87	Percent Moisture	11.0	%	0.10	10/11/18 15:51	
<b>40177343018</b>	<b>B-105 5'</b>					
EPA 8260	Methylene Chloride	33.5J	ug/kg	69.1	10/12/18 18:59	B
ASTM D2974-87	Percent Moisture	13.2	%	0.10	10/11/18 15:51	
<b>40177343019</b>	<b>B-105 8'</b>					
ASTM D2974-87	Percent Moisture	23.1	%	0.10	10/11/18 15:51	
<b>40177343021</b>	<b>B-106 2'</b>					
EPA 8260	cis-1,2-Dichloroethene	233	ug/kg	77.0	10/12/18 19:45	
EPA 8260	trans-1,2-Dichloroethene	61.2J	ug/kg	77.0	10/12/18 19:45	
EPA 8260	Naphthalene	101J	ug/kg	321	10/12/18 19:45	
EPA 8260	Tetrachloroethene	1180	ug/kg	77.0	10/12/18 19:45	
EPA 8260	Toluene	35.6J	ug/kg	77.0	10/12/18 19:45	
EPA 8260	Trichloroethene	278	ug/kg	77.0	10/12/18 19:45	
ASTM D2974-87	Percent Moisture	22.1	%	0.10	10/11/18 16:18	
<b>40177343022</b>	<b>B-106 5'</b>					
EPA 8260	Methylene Chloride	30.1J	ug/kg	69.2	10/12/18 20:08	B
ASTM D2974-87	Percent Moisture	13.3	%	0.10	10/11/18 16:18	

### REPORT OF LABORATORY ANALYSIS

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### SUMMARY OF DETECTION

Project: 16-1304 BAY TOWEL

Pace Project No.: 40177343

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
<b>40177343023</b>	<b>B-106 8'</b>					
EPA 8260	Tetrachloroethene	100	ug/kg	77.0	10/12/18 20:32	
ASTM D2974-87	Percent Moisture	22.1	%	0.10	10/11/18 16:18	
<b>40177343025</b>	<b>B-107 2'</b>					
EPA 8260	Methylene Chloride	31.7J	ug/kg	61.9	10/12/18 20:55	B
EPA 8260	Tetrachloroethene	1130	ug/kg	61.9	10/12/18 20:55	
EPA 8260	Trichloroethene	62.5	ug/kg	61.9	10/12/18 20:55	
ASTM D2974-87	Percent Moisture	3.0	%	0.10	10/11/18 16:18	
<b>40177343026</b>	<b>B-107 5'</b>					
EPA 8260	Tetrachloroethene	75.5	ug/kg	70.1	10/12/18 21:18	
ASTM D2974-87	Percent Moisture	14.4	%	0.10	10/11/18 16:18	
<b>40177343027</b>	<b>B-107 8'</b>					
EPA 8260	cis-1,2-Dichloroethene	107	ug/kg	75.8	10/12/18 21:41	
EPA 8260	Tetrachloroethene	158	ug/kg	75.8	10/12/18 21:41	
EPA 8260	Vinyl chloride	67.7J	ug/kg	75.8	10/12/18 21:41	
ASTM D2974-87	Percent Moisture	20.9	%	0.10	10/11/18 16:18	
<b>40177343028</b>	<b>B-107 10'</b>					
EPA 8260	cis-1,2-Dichloroethene	139	ug/kg	87.2	10/22/18 10:47	L5
EPA 8260	Vinyl chloride	110	ug/kg	87.2	10/22/18 10:47	L5
ASTM D2974-87	Percent Moisture	31.2	%	0.10	10/18/18 15:12	
<b>40177343029</b>	<b>B-108 2'</b>					
EPA 8260	cis-1,2-Dichloroethene	437	ug/kg	163	10/12/18 14:49	
EPA 8260	Tetrachloroethene	13800	ug/kg	163	10/12/18 14:49	
EPA 8260	Trichloroethene	497	ug/kg	163	10/12/18 14:49	
ASTM D2974-87	Percent Moisture	8.0	%	0.10	10/11/18 16:18	
<b>40177343030</b>	<b>B-108 5'</b>					
EPA 8260	cis-1,2-Dichloroethene	30.6J	ug/kg	68.1	10/12/18 22:04	
EPA 8260	Methylene Chloride	29.2J	ug/kg	68.1	10/12/18 22:04	B
EPA 8260	Tetrachloroethene	43.4J	ug/kg	68.1	10/12/18 22:04	
ASTM D2974-87	Percent Moisture	11.9	%	0.10	10/11/18 16:18	
<b>40177343031</b>	<b>B-108 8'</b>					
EPA 8260	cis-1,2-Dichloroethene	115	ug/kg	68.9	10/12/18 22:27	
EPA 8260	Tetrachloroethene	104	ug/kg	68.9	10/12/18 22:27	
EPA 8260	Trichloroethene	61.6J	ug/kg	68.9	10/12/18 22:27	
ASTM D2974-87	Percent Moisture	13.0	%	0.10	10/11/18 16:18	
<b>40177343032</b>	<b>B-108 10'</b>					
EPA 8260	cis-1,2-Dichloroethene	124	ug/kg	85.9	10/22/18 11:10	L5
EPA 8260	Tetrachloroethene	397	ug/kg	85.9	10/22/18 11:10	L5
EPA 8260	Trichloroethene	98.9	ug/kg	85.9	10/22/18 11:10	L5
ASTM D2974-87	Percent Moisture	30.1	%	0.10	10/18/18 15:12	
<b>40177343033</b>	<b>B-109 2'</b>					
EPA 8260	cis-1,2-Dichloroethene	31.9J	ug/kg	66.7	10/22/18 11:34	L5
EPA 8260	Tetrachloroethene	321	ug/kg	66.7	10/22/18 11:34	L5

### REPORT OF LABORATORY ANALYSIS

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### SUMMARY OF DETECTION

Project: 16-1304 BAY TOWEL  
Pace Project No.: 40177343

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
<b>40177343033</b>	<b>B-109 2'</b>					
EPA 8260	Trichloroethene	75.9	ug/kg	66.7	10/22/18 11:34	L5
EPA 8260	m&p-Xylene	60.8J	ug/kg	133	10/22/18 11:34	L5
EPA 8260	o-Xylene	28.8J	ug/kg	66.7	10/22/18 11:34	L5
ASTM D2974-87	Percent Moisture	10.0	%	0.10	10/18/18 15:12	
<b>40177343034</b>	<b>B-109 5'</b>					
EPA 8260	Methylene Chloride	40.6J	ug/kg	66.5	10/19/18 15:12	
EPA 8260	Tetrachloroethene	828	ug/kg	66.5	10/19/18 15:12	
EPA 8260	Trichloroethene	79.3	ug/kg	66.5	10/19/18 15:12	
ASTM D2974-87	Percent Moisture	9.8	%	0.10	10/18/18 15:12	
<b>40177343037</b>	<b>B-110 2'</b>					
EPA 8260	Benzene	34.6J	ug/kg	69.5	10/19/18 14:48	
EPA 8260	cis-1,2-Dichloroethene	46.1J	ug/kg	69.5	10/19/18 14:48	
EPA 8260	Ethylbenzene	38.1J	ug/kg	69.5	10/19/18 14:48	
EPA 8260	Isopropylbenzene (Cumene)	35.5J	ug/kg	69.5	10/19/18 14:48	
EPA 8260	Naphthalene	547	ug/kg	290	10/19/18 14:48	
EPA 8260	Tetrachloroethene	2490	ug/kg	69.5	10/19/18 14:48	
EPA 8260	Toluene	148	ug/kg	69.5	10/19/18 14:48	
EPA 8260	Trichloroethene	412	ug/kg	69.5	10/19/18 14:48	
EPA 8260	1,2,4-Trimethylbenzene	220	ug/kg	69.5	10/19/18 14:48	
EPA 8260	1,3,5-Trimethylbenzene	60.9J	ug/kg	69.5	10/19/18 14:48	
EPA 8260	m&p-Xylene	251	ug/kg	139	10/19/18 14:48	
EPA 8260	o-Xylene	202	ug/kg	69.5	10/19/18 14:48	
ASTM D2974-87	Percent Moisture	13.7	%	0.10	10/18/18 15:12	
<b>40177343038</b>	<b>B-110 5'</b>					
ASTM D2974-87	Percent Moisture	12.2	%	0.10	10/18/18 15:12	
<b>40177343049</b>	<b>B-113 2'</b>					
EPA 8260	n-Butylbenzene	29.6J	ug/kg	69.0	10/19/18 18:06	
EPA 8260	cis-1,2-Dichloroethene	85.8	ug/kg	69.0	10/19/18 18:06	
EPA 8260	trans-1,2-Dichloroethene	28.8J	ug/kg	69.0	10/19/18 18:06	
EPA 8260	Naphthalene	97.1J	ug/kg	287	10/19/18 18:06	
EPA 8260	Tetrachloroethene	788	ug/kg	69.0	10/19/18 18:06	
EPA 8260	Toluene	64.4J	ug/kg	69.0	10/19/18 18:06	
EPA 8260	1,2,4-Trimethylbenzene	73.1	ug/kg	69.0	10/19/18 18:06	
EPA 8260	1,3,5-Trimethylbenzene	37.6J	ug/kg	69.0	10/19/18 18:06	
EPA 8260	m&p-Xylene	99.1J	ug/kg	138	10/19/18 18:06	
EPA 8260	o-Xylene	63.4J	ug/kg	69.0	10/19/18 18:06	
ASTM D2974-87	Percent Moisture	11.2	%	0.10	10/18/18 15:13	
<b>40177343050</b>	<b>B-113 5'</b>					
ASTM D2974-87	Percent Moisture	11.1	%	0.10	10/18/18 15:13	
<b>40177343053</b>	<b>B-114 2'</b>					
EPA 8260	Tetrachloroethene	1500	ug/kg	66.9	10/19/18 18:52	
EPA 8260	Trichloroethene	36.4J	ug/kg	66.9	10/19/18 18:52	
ASTM D2974-87	Percent Moisture	10.3	%	0.10	10/18/18 15:13	

### REPORT OF LABORATORY ANALYSIS

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### SUMMARY OF DETECTION

Project: 16-1304 BAY TOWEL

Pace Project No.: 40177343

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
<b>40177343054</b>	<b>B-114 5'</b>					
EPA 8260	cis-1,2-Dichloroethene	244	ug/kg	67.1	10/19/18 19:15	
EPA 8260	Tetrachloroethene	1220	ug/kg	67.1	10/19/18 19:15	
EPA 8260	Trichloroethene	334	ug/kg	67.1	10/19/18 19:15	
ASTM D2974-87	Percent Moisture	10.5	%	0.10	10/18/18 15:13	
<b>40177343057</b>	<b>B-115 2'</b>					
EPA 8260	cis-1,2-Dichloroethene	60.3J	ug/kg	66.0	10/19/18 19:38	
EPA 8260	Naphthalene	86.5J	ug/kg	275	10/19/18 19:38	
EPA 8260	Tetrachloroethene	1880	ug/kg	66.0	10/19/18 19:38	
EPA 8260	Toluene	45.8J	ug/kg	66.0	10/19/18 19:38	
EPA 8260	Trichloroethene	142	ug/kg	66.0	10/19/18 19:38	
EPA 8260	1,2,4-Trimethylbenzene	66.3	ug/kg	66.0	10/19/18 19:38	
EPA 8260	1,3,5-Trimethylbenzene	30.1J	ug/kg	66.0	10/19/18 19:38	
EPA 8260	m&p-Xylene	100J	ug/kg	132	10/19/18 19:38	
EPA 8260	o-Xylene	76.8	ug/kg	66.0	10/19/18 19:38	
ASTM D2974-87	Percent Moisture	9.1	%	0.10	10/18/18 15:13	
<b>40177343058</b>	<b>B-115 5'</b>					
EPA 8260	Tetrachloroethene	118	ug/kg	65.5	10/19/18 20:01	
ASTM D2974-87	Percent Moisture	8.4	%	0.10	10/18/18 15:13	
<b>40177343059</b>	<b>B-115 8'</b>					
EPA 8260	Tetrachloroethene	185	ug/kg	72.4	10/19/18 20:25	
ASTM D2974-87	Percent Moisture	17.2	%	0.10	10/18/18 15:13	
<b>40177343060</b>	<b>B-115 10'</b>					
ASTM D2974-87	Percent Moisture	28.4	%	0.10	10/18/18 15:13	
<b>40177343061</b>	<b>B-116 2'</b>					
EPA 8260	Tetrachloroethene	454	ug/kg	66.1	10/19/18 21:11	
EPA 8260	Trichloroethene	49.5J	ug/kg	66.1	10/19/18 21:11	
ASTM D2974-87	Percent Moisture	9.3	%	0.10	10/18/18 15:13	
<b>40177343062</b>	<b>B-116 5'</b>					
EPA 8260	Tetrachloroethene	797	ug/kg	70.1	10/19/18 21:34	
EPA 8260	Trichloroethene	62.2J	ug/kg	70.1	10/19/18 21:34	
ASTM D2974-87	Percent Moisture	14.4	%	0.10	10/18/18 15:13	
<b>40177343063</b>	<b>B-116 8'</b>					
EPA 8260	Tetrachloroethene	423	ug/kg	78.8	10/19/18 21:57	
EPA 8260	Trichloroethene	79.5	ug/kg	78.8	10/19/18 21:57	
ASTM D2974-87	Percent Moisture	23.9	%	0.10	10/18/18 15:13	
<b>40177343065</b>	<b>B-117 2'</b>					
EPA 8260	cis-1,2-Dichloroethene	28.5J	ug/kg	67.1	10/19/18 22:20	
EPA 8260	Tetrachloroethene	1750	ug/kg	67.1	10/19/18 22:20	
EPA 8260	Trichloroethene	104	ug/kg	67.1	10/19/18 22:20	
ASTM D2974-87	Percent Moisture	10.6	%	0.10	10/18/18 15:13	
<b>40177343066</b>	<b>B-117 5'</b>					
EPA 8260	Tetrachloroethene	204	ug/kg	70.4	10/19/18 22:44	

### REPORT OF LABORATORY ANALYSIS

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### SUMMARY OF DETECTION

Project: 16-1304 BAY TOWEL  
Pace Project No.: 40177343

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
<b>40177343066</b>	<b>B-117 5'</b>					
ASTM D2974-87	Percent Moisture	14.8	%	0.10	10/18/18 15:46	
<b>40177343067</b>	<b>B-117 8'</b>					
EPA 8260	Tetrachloroethene	2210	ug/kg	81.7	10/19/18 23:07	
EPA 8260	Trichloroethene	184	ug/kg	81.7	10/19/18 23:07	
ASTM D2974-87	Percent Moisture	26.5	%	0.10	10/18/18 15:46	
<b>40177343068</b>	<b>B-117 10'</b>					
EPA 8260	cis-1,2-Dichloroethene	229	ug/kg	83.2	10/19/18 23:30	
EPA 8260	Methylene Chloride	43.1J	ug/kg	83.2	10/19/18 23:30	
EPA 8260	Tetrachloroethene	4960	ug/kg	83.2	10/19/18 23:30	
EPA 8260	Trichloroethene	509	ug/kg	83.2	10/19/18 23:30	
ASTM D2974-87	Percent Moisture	27.9	%	0.10	10/18/18 15:46	
<b>40177343069</b>	<b>B-118 2'</b>					
EPA 8260	Tetrachloroethene	1830	ug/kg	65.9	10/19/18 23:53	
EPA 8260	Trichloroethene	70.8	ug/kg	65.9	10/19/18 23:53	
ASTM D2974-87	Percent Moisture	9.0	%	0.10	10/18/18 15:46	
<b>40177343071</b>	<b>B-118 8'</b>					
EPA 8260	cis-1,2-Dichloroethene	88.9	ug/kg	77.1	10/20/18 00:16	
EPA 8260	Methylene Chloride	47.8J	ug/kg	77.1	10/20/18 00:16	
EPA 8260	Tetrachloroethene	193	ug/kg	77.1	10/20/18 00:16	
ASTM D2974-87	Percent Moisture	22.2	%	0.10	10/18/18 15:46	
<b>40177343073</b>	<b>B-119 2'</b>					
EPA 8260	cis-1,2-Dichloroethene	106	ug/kg	67.0	10/22/18 19:01	
EPA 8260	Tetrachloroethene	436	ug/kg	67.0	10/22/18 19:01	
EPA 8260	Trichloroethene	72.9	ug/kg	67.0	10/22/18 19:01	
ASTM D2974-87	Percent Moisture	10.5	%	0.10	10/18/18 15:46	
<b>40177343074</b>	<b>B-119 5'</b>					
EPA 8260	Tetrachloroethene	104	ug/kg	68.7	10/22/18 19:24	
EPA 8260	Trichloroethene	30.1J	ug/kg	68.7	10/22/18 19:24	
ASTM D2974-87	Percent Moisture	12.6	%	0.10	10/18/18 15:46	
<b>40177343077</b>	<b>B-120 2'</b>					
EPA 8260	Tetrachloroethene	61.7J	ug/kg	62.7	10/12/18 14:26	
ASTM D2974-87	Percent Moisture	4.3	%	0.10	10/11/18 15:51	
<b>40177343078</b>	<b>B-120 5'</b>					
EPA 8260	cis-1,2-Dichloroethene	154	ug/kg	70.5	10/12/18 22:51	
EPA 8260	Methylene Chloride	37.1J	ug/kg	70.5	10/12/18 22:51	B
ASTM D2974-87	Percent Moisture	14.9	%	0.10	10/11/18 15:51	
<b>40177343079</b>	<b>B-120 8'</b>					
EPA 8260	cis-1,2-Dichloroethene	151	ug/kg	74.3	10/12/18 23:14	
EPA 8260	Methylene Chloride	32.7J	ug/kg	74.3	10/12/18 23:14	B
EPA 8260	Tetrachloroethene	62.9J	ug/kg	74.3	10/12/18 23:14	
ASTM D2974-87	Percent Moisture	19.2	%	0.10	10/11/18 15:51	

### REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 16-1304 BAY TOWEL

Pace Project No.: 40177343

Sample: B-101 2' Lab ID: 40177343001 Collected: 10/09/18 08:00 Received: 10/09/18 14:30 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
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Benzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 18:13	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 18:13	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 18:13	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 18:13	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 18:13	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	10/11/18 08:15	10/12/18 18:13	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 18:13	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 18:13	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 18:13	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 18:13	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 18:13	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	10/11/18 08:15	10/12/18 18:13	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	10/11/18 08:15	10/12/18 18:13	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 18:13	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 18:13	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 18:13	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	10/11/18 08:15	10/12/18 18:13	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 18:13	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 18:13	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 18:13	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 18:13	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 18:13	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 18:13	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 18:13	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 18:13	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 18:13	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 18:13	75-35-4	W
cis-1,2-Dichloroethene	63.0J	ug/kg	66.1	27.5	1	10/11/18 08:15	10/12/18 18:13	156-59-2	
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 18:13	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 18:13	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 18:13	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 18:13	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 18:13	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 18:13	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 18:13	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 18:13	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 18:13	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 18:13	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 18:13	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 18:13	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 18:13	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 18:13	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	10/11/18 08:15	10/12/18 18:13	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 18:13	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 18:13	100-42-5	W

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 16-1304 BAY TOWEL

Pace Project No.: 40177343

**Sample: B-101 2'**      **Lab ID: 40177343001**      Collected: 10/09/18 08:00      Received: 10/09/18 14:30      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
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 18:13	630-20-6	W
1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 18:13	79-34-5	W
Tetrachloroethene	428	ug/kg	66.1	27.5	1	10/11/18 08:15	10/12/18 18:13	127-18-4	
Toluene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 18:13	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 18:13	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	10/11/18 08:15	10/12/18 18:13	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 18:13	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 18:13	79-00-5	W
Trichloroethene	41.9J	ug/kg	66.1	27.5	1	10/11/18 08:15	10/12/18 18:13	79-01-6	
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 18:13	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 18:13	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 18:13	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 18:13	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 18:13	75-01-4	W
m&p-Xylene	<50.0	ug/kg	120	50.0	1	10/11/18 08:15	10/12/18 18:13	179601-23-1	W
o-Xylene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 18:13	95-47-6	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	122	%	57-148		1	10/11/18 08:15	10/12/18 18:13	1868-53-7	
Toluene-d8 (S)	114	%	58-142		1	10/11/18 08:15	10/12/18 18:13	2037-26-5	
4-Bromofluorobenzene (S)	104	%	48-130		1	10/11/18 08:15	10/12/18 18:13	460-00-4	
<b>Percent Moisture</b>		Analytical Method: ASTM D2974-87							
Percent Moisture	9.2	%	0.10	0.10	1		10/11/18 15:50		

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 16-1304 BAY TOWEL

Pace Project No.: 40177343

**Sample: B-101 5'** Lab ID: **40177343002** Collected: 10/09/18 08:02 Received: 10/09/18 14:30 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
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Benzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 14:20	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 14:20	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 14:20	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 14:20	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 14:20	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	10/11/18 08:00	10/12/18 14:20	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 14:20	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 14:20	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 14:20	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 14:20	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 14:20	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	10/11/18 08:00	10/12/18 14:20	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	10/11/18 08:00	10/12/18 14:20	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 14:20	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 14:20	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 14:20	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	10/11/18 08:00	10/12/18 14:20	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 14:20	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 14:20	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 14:20	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 14:20	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 14:20	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 14:20	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 14:20	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 14:20	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 14:20	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 14:20	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 14:20	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 14:20	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 14:20	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 14:20	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 14:20	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 14:20	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 14:20	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 14:20	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 14:20	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 14:20	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 14:20	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 14:20	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 14:20	99-87-6	W
Methylene Chloride	31.1J	ug/kg	71.2	29.7	1	10/11/18 08:00	10/12/18 14:20	75-09-2	
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 14:20	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	10/11/18 08:00	10/12/18 14:20	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 14:20	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 14:20	100-42-5	W

## REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 16-1304 BAY TOWEL

Pace Project No.: 40177343

**Sample: B-101 5'**      **Lab ID: 40177343002**      Collected: 10/09/18 08:02      Received: 10/09/18 14:30      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
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 14:20	630-20-6	W
1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 14:20	79-34-5	W
Tetrachloroethene	86.5	ug/kg	71.2	29.7	1	10/11/18 08:00	10/12/18 14:20	127-18-4	
Toluene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 14:20	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 14:20	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	10/11/18 08:00	10/12/18 14:20	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 14:20	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 14:20	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 14:20	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 14:20	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 14:20	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 14:20	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 14:20	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 14:20	75-01-4	W
m&p-Xylene	<50.0	ug/kg	120	50.0	1	10/11/18 08:00	10/12/18 14:20	179601-23-1	W
o-Xylene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 14:20	95-47-6	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	113	%	57-148		1	10/11/18 08:00	10/12/18 14:20	1868-53-7	
Toluene-d8 (S)	110	%	58-142		1	10/11/18 08:00	10/12/18 14:20	2037-26-5	
4-Bromofluorobenzene (S)	100	%	48-130		1	10/11/18 08:00	10/12/18 14:20	460-00-4	
<b>Percent Moisture</b>		Analytical Method: ASTM D2974-87							
Percent Moisture	15.8	%	0.10	0.10	1		10/11/18 15:50		

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## ANALYTICAL RESULTS

Project: 16-1304 BAY TOWEL

Pace Project No.: 40177343

**Sample: B-101 8'** Lab ID: **40177343003** Collected: 10/09/18 08:04 Received: 10/09/18 14:30 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
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
Benzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 11:19	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 11:19	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 11:19	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 11:19	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 11:19	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	10/11/18 08:00	10/12/18 11:19	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 11:19	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 11:19	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 11:19	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 11:19	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 11:19	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	10/11/18 08:00	10/12/18 11:19	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	10/11/18 08:00	10/12/18 11:19	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 11:19	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 11:19	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 11:19	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	10/11/18 08:00	10/12/18 11:19	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 11:19	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 11:19	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 11:19	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 11:19	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 11:19	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 11:19	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 11:19	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 11:19	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 11:19	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 11:19	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 11:19	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 11:19	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 11:19	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 11:19	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 11:19	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 11:19	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 11:19	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 11:19	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 11:19	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 11:19	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 11:19	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 11:19	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 11:19	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 11:19	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 11:19	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	10/11/18 08:00	10/12/18 11:19	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 11:19	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 11:19	100-42-5	W

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### ANALYTICAL RESULTS

Project: 16-1304 BAY TOWEL

Pace Project No.: 40177343

**Sample: B-101 8'**      **Lab ID: 40177343003**      Collected: 10/09/18 08:04      Received: 10/09/18 14:30      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
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 11:19	630-20-6	W
1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 11:19	79-34-5	W
Tetrachloroethene	883	ug/kg	73.4	30.6	1	10/11/18 08:00	10/12/18 11:19	127-18-4	
Toluene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 11:19	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 11:19	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	10/11/18 08:00	10/12/18 11:19	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 11:19	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 11:19	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 11:19	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 11:19	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 11:19	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 11:19	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 11:19	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 11:19	75-01-4	W
m&p-Xylene	<50.0	ug/kg	120	50.0	1	10/11/18 08:00	10/12/18 11:19	179601-23-1	W
o-Xylene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 11:19	95-47-6	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	108	%	57-148		1	10/11/18 08:00	10/12/18 11:19	1868-53-7	
Toluene-d8 (S)	109	%	58-142		1	10/11/18 08:00	10/12/18 11:19	2037-26-5	
4-Bromofluorobenzene (S)	94	%	48-130		1	10/11/18 08:00	10/12/18 11:19	460-00-4	
<b>Percent Moisture</b>									
Analytical Method: ASTM D2974-87									
Percent Moisture	18.3	%	0.10	0.10	1		10/11/18 15:50		

### REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 16-1304 BAY TOWEL

Pace Project No.: 40177343

Sample: B-101 10' Lab ID: 40177343004 Collected: 10/09/18 08:06 Received: 10/09/18 14:30 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
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Benzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 10:01	71-43-2	L5,W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 10:01	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 10:01	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 10:01	75-27-4	L5,W
Bromoform	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 10:01	75-25-2	L5,W
Bromomethane	<69.9	ug/kg	250	69.9	1	10/19/18 08:00	10/22/18 10:01	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 10:01	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 10:01	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 10:01	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 10:01	56-23-5	L5,W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 10:01	108-90-7	L5,W
Chloroethane	<67.0	ug/kg	250	67.0	1	10/19/18 08:00	10/22/18 10:01	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	10/19/18 08:00	10/22/18 10:01	67-66-3	L5,W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 10:01	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 10:01	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 10:01	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	10/19/18 08:00	10/22/18 10:01	96-12-8	L5,W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 10:01	124-48-1	L5,W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 10:01	106-93-4	L5,W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 10:01	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 10:01	95-50-1	L5,W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 10:01	541-73-1	L5,W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 10:01	106-46-7	L5,W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 10:01	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 10:01	75-34-3	L5,W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 10:01	107-06-2	L5,W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 10:01	75-35-4	L5,W
cis-1,2-Dichloroethene	35.9J	ug/kg	82.1	34.2	1	10/19/18 08:00	10/22/18 10:01	156-59-2	L5
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 10:01	156-60-5	L5,W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 10:01	78-87-5	L5,W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 10:01	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 10:01	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 10:01	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 10:01	10061-01-5	L5,W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 10:01	10061-02-6	L5,W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 10:01	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 10:01	100-41-4	L5,W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 10:01	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 10:01	98-82-8	L5,W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 10:01	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 10:01	75-09-2	L5,W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 10:01	1634-04-4	L5,W
Naphthalene	<40.0	ug/kg	250	40.0	1	10/19/18 08:00	10/22/18 10:01	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 10:01	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 10:01	100-42-5	L5,W

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### ANALYTICAL RESULTS

Project: 16-1304 BAY TOWEL

Pace Project No.: 40177343

**Sample: B-101 10'**      **Lab ID: 40177343004**      Collected: 10/09/18 08:06      Received: 10/09/18 14:30      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
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 10:01	630-20-6	W
1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 10:01	79-34-5	L5,W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 10:01	127-18-4	L5,W
Toluene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 10:01	108-88-3	L5,W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 10:01	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	10/19/18 08:00	10/22/18 10:01	120-82-1	L5,W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 10:01	71-55-6	L5,W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 10:01	79-00-5	L5,W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 10:01	79-01-6	L5,W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 10:01	75-69-4	L5,W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 10:01	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 10:01	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 10:01	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 10:01	75-01-4	L5,W
m&p-Xylene	<50.0	ug/kg	120	50.0	1	10/19/18 08:00	10/22/18 10:01	179601-23-1	L5,W
o-Xylene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 10:01	95-47-6	L5,W
<b>Surrogates</b>									
Dibromofluoromethane (S)	110	%	57-148		1	10/19/18 08:00	10/22/18 10:01	1868-53-7	
Toluene-d8 (S)	108	%	58-142		1	10/19/18 08:00	10/22/18 10:01	2037-26-5	
4-Bromofluorobenzene (S)	108	%	48-130		1	10/19/18 08:00	10/22/18 10:01	460-00-4	
<b>Percent Moisture</b>									
Analytical Method: ASTM D2974-87									
Percent Moisture	<b>26.9</b>	%	0.10	0.10	1		10/18/18 15:12		

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## ANALYTICAL RESULTS

Project: 16-1304 BAY TOWEL

Pace Project No.: 40177343

Sample: B-102 2' Lab ID: 40177343005 Collected: 10/09/18 09:20 Received: 10/09/18 14:30 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
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
Benzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 15:05	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 15:05	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 15:05	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 15:05	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 15:05	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	10/11/18 08:00	10/12/18 15:05	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 15:05	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 15:05	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 15:05	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 15:05	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 15:05	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	10/11/18 08:00	10/12/18 15:05	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	10/11/18 08:00	10/12/18 15:05	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 15:05	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 15:05	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 15:05	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	10/11/18 08:00	10/12/18 15:05	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 15:05	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 15:05	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 15:05	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 15:05	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 15:05	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 15:05	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 15:05	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 15:05	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 15:05	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 15:05	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 15:05	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 15:05	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 15:05	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 15:05	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 15:05	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 15:05	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 15:05	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 15:05	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 15:05	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 15:05	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 15:05	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 15:05	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 15:05	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 15:05	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 15:05	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	10/11/18 08:00	10/12/18 15:05	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 15:05	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 15:05	100-42-5	W

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### ANALYTICAL RESULTS

Project: 16-1304 BAY TOWEL

Pace Project No.: 40177343

**Sample: B-102 2'**      **Lab ID: 40177343005**      Collected: 10/09/18 09:20      Received: 10/09/18 14:30      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
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 15:05	630-20-6	W
1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 15:05	79-34-5	W
Tetrachloroethene	1170	ug/kg	67.0	27.9	1	10/11/18 08:00	10/12/18 15:05	127-18-4	
Toluene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 15:05	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 15:05	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	10/11/18 08:00	10/12/18 15:05	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 15:05	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 15:05	79-00-5	W
Trichloroethene	47.3J	ug/kg	67.0	27.9	1	10/11/18 08:00	10/12/18 15:05	79-01-6	
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 15:05	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 15:05	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 15:05	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 15:05	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 15:05	75-01-4	W
m&p-Xylene	<50.0	ug/kg	120	50.0	1	10/11/18 08:00	10/12/18 15:05	179601-23-1	W
o-Xylene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 15:05	95-47-6	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	115	%	57-148		1	10/11/18 08:00	10/12/18 15:05	1868-53-7	
Toluene-d8 (S)	112	%	58-142		1	10/11/18 08:00	10/12/18 15:05	2037-26-5	
4-Bromofluorobenzene (S)	92	%	48-130		1	10/11/18 08:00	10/12/18 15:05	460-00-4	
<b>Percent Moisture</b>		Analytical Method: ASTM D2974-87							
Percent Moisture	10.5	%	0.10	0.10	1		10/11/18 15:50		

### REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 16-1304 BAY TOWEL

Pace Project No.: 40177343

Sample: B-102 5' Lab ID: 40177343006 Collected: 10/09/18 09:22 Received: 10/09/18 14:30 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
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
Benzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 15:28	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 15:28	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 15:28	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 15:28	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 15:28	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	10/11/18 08:00	10/12/18 15:28	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 15:28	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 15:28	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 15:28	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 15:28	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 15:28	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	10/11/18 08:00	10/12/18 15:28	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	10/11/18 08:00	10/12/18 15:28	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 15:28	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 15:28	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 15:28	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	10/11/18 08:00	10/12/18 15:28	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 15:28	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 15:28	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 15:28	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 15:28	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 15:28	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 15:28	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 15:28	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 15:28	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 15:28	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 15:28	75-35-4	W
cis-1,2-Dichloroethene	94.4	ug/kg	68.4	28.5	1	10/11/18 08:00	10/12/18 15:28	156-59-2	
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 15:28	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 15:28	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 15:28	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 15:28	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 15:28	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 15:28	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 15:28	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 15:28	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 15:28	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 15:28	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 15:28	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 15:28	99-87-6	W
Methylene Chloride	28.9J	ug/kg	68.4	28.5	1	10/11/18 08:00	10/12/18 15:28	75-09-2	
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 15:28	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	10/11/18 08:00	10/12/18 15:28	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 15:28	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 15:28	100-42-5	W

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### ANALYTICAL RESULTS

Project: 16-1304 BAY TOWEL

Pace Project No.: 40177343

**Sample: B-102 5'**      **Lab ID: 40177343006**      Collected: 10/09/18 09:22      Received: 10/09/18 14:30      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
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 15:28	630-20-6	W
1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 15:28	79-34-5	W
Tetrachloroethene	<b>3880</b>	ug/kg	68.4	28.5	1	10/11/18 08:00	10/12/18 15:28	127-18-4	
Toluene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 15:28	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 15:28	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	10/11/18 08:00	10/12/18 15:28	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 15:28	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 15:28	79-00-5	W
Trichloroethene	<b>240</b>	ug/kg	68.4	28.5	1	10/11/18 08:00	10/12/18 15:28	79-01-6	
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 15:28	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 15:28	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 15:28	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 15:28	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 15:28	75-01-4	W
m&p-Xylene	<50.0	ug/kg	120	50.0	1	10/11/18 08:00	10/12/18 15:28	179601-23-1	W
o-Xylene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 15:28	95-47-6	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	116	%	57-148		1	10/11/18 08:00	10/12/18 15:28	1868-53-7	
Toluene-d8 (S)	118	%	58-142		1	10/11/18 08:00	10/12/18 15:28	2037-26-5	
4-Bromofluorobenzene (S)	104	%	48-130		1	10/11/18 08:00	10/12/18 15:28	460-00-4	
<b>Percent Moisture</b>									
Analytical Method: ASTM D2974-87									
Percent Moisture	<b>12.3</b>	%	0.10	0.10	1		10/11/18 15:50		

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## ANALYTICAL RESULTS

Project: 16-1304 BAY TOWEL

Pace Project No.: 40177343

Sample: B-102 8' Lab ID: 40177343007 Collected: 10/09/18 09:24 Received: 10/09/18 14:30 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
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
Benzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 15:50	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 15:50	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 15:50	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 15:50	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 15:50	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	10/11/18 08:00	10/12/18 15:50	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 15:50	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 15:50	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 15:50	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 15:50	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 15:50	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	10/11/18 08:00	10/12/18 15:50	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	10/11/18 08:00	10/12/18 15:50	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 15:50	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 15:50	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 15:50	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	10/11/18 08:00	10/12/18 15:50	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 15:50	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 15:50	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 15:50	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 15:50	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 15:50	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 15:50	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 15:50	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 15:50	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 15:50	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 15:50	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 15:50	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 15:50	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 15:50	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 15:50	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 15:50	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 15:50	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 15:50	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 15:50	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 15:50	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 15:50	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 15:50	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 15:50	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 15:50	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 15:50	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 15:50	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	10/11/18 08:00	10/12/18 15:50	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 15:50	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 15:50	100-42-5	W

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### ANALYTICAL RESULTS

Project: 16-1304 BAY TOWEL

Pace Project No.: 40177343

**Sample: B-102 8'**      **Lab ID: 40177343007**      Collected: 10/09/18 09:24      Received: 10/09/18 14:30      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
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 15:50	630-20-6	W
1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 15:50	79-34-5	W
Tetrachloroethene	682	ug/kg	75.5	31.4	1	10/11/18 08:00	10/12/18 15:50	127-18-4	
Toluene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 15:50	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 15:50	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	10/11/18 08:00	10/12/18 15:50	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 15:50	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 15:50	79-00-5	W
Trichloroethene	97.4	ug/kg	75.5	31.4	1	10/11/18 08:00	10/12/18 15:50	79-01-6	
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 15:50	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 15:50	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 15:50	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 15:50	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 15:50	75-01-4	W
m&p-Xylene	<50.0	ug/kg	120	50.0	1	10/11/18 08:00	10/12/18 15:50	179601-23-1	W
o-Xylene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 15:50	95-47-6	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	103	%	57-148		1	10/11/18 08:00	10/12/18 15:50	1868-53-7	
Toluene-d8 (S)	106	%	58-142		1	10/11/18 08:00	10/12/18 15:50	2037-26-5	
4-Bromofluorobenzene (S)	89	%	48-130		1	10/11/18 08:00	10/12/18 15:50	460-00-4	
<b>Percent Moisture</b>									
Analytical Method: ASTM D2974-87									
Percent Moisture	20.5	%	0.10	0.10	1		10/11/18 15:50		

### REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 16-1304 BAY TOWEL

Pace Project No.: 40177343

Sample: B-102 10' Lab ID: 40177343008 Collected: 10/09/18 09:26 Received: 10/09/18 14:30 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
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Benzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 10:24	71-43-2	L5,W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 10:24	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 10:24	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 10:24	75-27-4	L5,W
Bromoform	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 10:24	75-25-2	L5,W
Bromomethane	<69.9	ug/kg	250	69.9	1	10/19/18 08:00	10/22/18 10:24	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 10:24	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 10:24	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 10:24	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 10:24	56-23-5	L5,W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 10:24	108-90-7	L5,W
Chloroethane	<67.0	ug/kg	250	67.0	1	10/19/18 08:00	10/22/18 10:24	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	10/19/18 08:00	10/22/18 10:24	67-66-3	L5,W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 10:24	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 10:24	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 10:24	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	10/19/18 08:00	10/22/18 10:24	96-12-8	L5,W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 10:24	124-48-1	L5,W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 10:24	106-93-4	L5,W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 10:24	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 10:24	95-50-1	L5,W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 10:24	541-73-1	L5,W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 10:24	106-46-7	L5,W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 10:24	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 10:24	75-34-3	L5,W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 10:24	107-06-2	L5,W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 10:24	75-35-4	L5,W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 10:24	156-59-2	L5,R1, W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 10:24	156-60-5	L5,W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 10:24	78-87-5	L5,W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 10:24	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 10:24	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 10:24	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 10:24	10061-01-5	L5,W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 10:24	10061-02-6	L5,W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 10:24	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 10:24	100-41-4	L5,W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 10:24	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 10:24	98-82-8	L5,W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 10:24	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 10:24	75-09-2	L5,W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 10:24	1634-04-4	L5,W
Naphthalene	<40.0	ug/kg	250	40.0	1	10/19/18 08:00	10/22/18 10:24	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 10:24	103-65-1	W

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### ANALYTICAL RESULTS

Project: 16-1304 BAY TOWEL

Pace Project No.: 40177343

**Sample: B-102 10'**      **Lab ID: 40177343008**      Collected: 10/09/18 09:26      Received: 10/09/18 14:30      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
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
Styrene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 10:24	100-42-5	L5,W
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 10:24	630-20-6	W
1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 10:24	79-34-5	L5,W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 10:24	127-18-4	L5,W
Toluene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 10:24	108-88-3	L5,W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 10:24	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	10/19/18 08:00	10/22/18 10:24	120-82-1	L5,W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 10:24	71-55-6	L5,W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 10:24	79-00-5	L5,W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 10:24	79-01-6	L5,W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 10:24	75-69-4	L5,W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 10:24	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 10:24	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 10:24	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 10:24	75-01-4	L5,W
m&p-Xylene	<50.0	ug/kg	120	50.0	1	10/19/18 08:00	10/22/18 10:24	179601-23-1	L5,W
o-Xylene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 10:24	95-47-6	L5,W
<b>Surrogates</b>									
Dibromofluoromethane (S)	106	%	57-148		1	10/19/18 08:00	10/22/18 10:24	1868-53-7	
Toluene-d8 (S)	110	%	58-142		1	10/19/18 08:00	10/22/18 10:24	2037-26-5	
4-Bromofluorobenzene (S)	109	%	48-130		1	10/19/18 08:00	10/22/18 10:24	460-00-4	
<b>Percent Moisture</b>		Analytical Method: ASTM D2974-87							
Percent Moisture	<b>27.2</b>	%	0.10	0.10	1		10/18/18 15:12		

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## ANALYTICAL RESULTS

Project: 16-1304 BAY TOWEL

Pace Project No.: 40177343

Sample: B-103 2' Lab ID: 40177343009 Collected: 10/09/18 10:12 Received: 10/09/18 14:30 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
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Benzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 18:15	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 18:15	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 18:15	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 18:15	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 18:15	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	10/11/18 08:00	10/12/18 18:15	74-83-9	W
n-Butylbenzene	43.3J	ug/kg	68.7	28.6	1	10/11/18 08:00	10/12/18 18:15	104-51-8	
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 18:15	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 18:15	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 18:15	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 18:15	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	10/11/18 08:00	10/12/18 18:15	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	10/11/18 08:00	10/12/18 18:15	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 18:15	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 18:15	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 18:15	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	10/11/18 08:00	10/12/18 18:15	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 18:15	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 18:15	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 18:15	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 18:15	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 18:15	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 18:15	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 18:15	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 18:15	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 18:15	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 18:15	75-35-4	W
cis-1,2-Dichloroethene	137	ug/kg	68.7	28.6	1	10/11/18 08:00	10/12/18 18:15	156-59-2	
trans-1,2-Dichloroethene	35.2J	ug/kg	68.7	28.6	1	10/11/18 08:00	10/12/18 18:15	156-60-5	
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 18:15	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 18:15	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 18:15	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 18:15	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 18:15	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 18:15	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 18:15	108-20-3	W
Ethylbenzene	44.9J	ug/kg	68.7	28.6	1	10/11/18 08:00	10/12/18 18:15	100-41-4	
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 18:15	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 18:15	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 18:15	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 18:15	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 18:15	1634-04-4	W
Naphthalene	161J	ug/kg	286	45.8	1	10/11/18 08:00	10/12/18 18:15	91-20-3	
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 18:15	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 18:15	100-42-5	W

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### ANALYTICAL RESULTS

Project: 16-1304 BAY TOWEL

Pace Project No.: 40177343

**Sample: B-103 2'**      **Lab ID: 40177343009**      Collected: 10/09/18 10:12      Received: 10/09/18 14:30      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
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 18:15	630-20-6	W
1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 18:15	79-34-5	W
Tetrachloroethene	1590	ug/kg	68.7	28.6	1	10/11/18 08:00	10/12/18 18:15	127-18-4	
Toluene	223	ug/kg	68.7	28.6	1	10/11/18 08:00	10/12/18 18:15	108-88-3	
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 18:15	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	10/11/18 08:00	10/12/18 18:15	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 18:15	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 18:15	79-00-5	W
Trichloroethene	223	ug/kg	68.7	28.6	1	10/11/18 08:00	10/12/18 18:15	79-01-6	
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 18:15	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 18:15	96-18-4	W
1,2,4-Trimethylbenzene	121	ug/kg	68.7	28.6	1	10/11/18 08:00	10/12/18 18:15	95-63-6	
1,3,5-Trimethylbenzene	64.4J	ug/kg	68.7	28.6	1	10/11/18 08:00	10/12/18 18:15	108-67-8	
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 18:15	75-01-4	W
m&p-Xylene	268	ug/kg	137	57.2	1	10/11/18 08:00	10/12/18 18:15	179601-23-1	
o-Xylene	151	ug/kg	68.7	28.6	1	10/11/18 08:00	10/12/18 18:15	95-47-6	
<b>Surrogates</b>									
Dibromofluoromethane (S)	112	%	57-148		1	10/11/18 08:00	10/12/18 18:15	1868-53-7	
Toluene-d8 (S)	108	%	58-142		1	10/11/18 08:00	10/12/18 18:15	2037-26-5	
4-Bromofluorobenzene (S)	96	%	48-130		1	10/11/18 08:00	10/12/18 18:15	460-00-4	
<b>Percent Moisture</b>									
Analytical Method: ASTM D2974-87									
Percent Moisture	12.7	%	0.10	0.10	1		10/11/18 15:51		

### REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 16-1304 BAY TOWEL

Pace Project No.: 40177343

Sample: B-103 5' Lab ID: 40177343010 Collected: 10/09/18 10:14 Received: 10/09/18 14:30 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
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Benzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 18:37	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 18:37	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 18:37	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 18:37	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 18:37	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	10/11/18 08:00	10/12/18 18:37	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 18:37	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 18:37	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 18:37	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 18:37	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 18:37	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	10/11/18 08:00	10/12/18 18:37	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	10/11/18 08:00	10/12/18 18:37	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 18:37	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 18:37	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 18:37	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	10/11/18 08:00	10/12/18 18:37	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 18:37	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 18:37	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 18:37	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 18:37	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 18:37	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 18:37	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 18:37	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 18:37	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 18:37	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 18:37	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 18:37	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 18:37	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 18:37	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 18:37	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 18:37	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 18:37	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 18:37	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 18:37	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 18:37	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 18:37	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 18:37	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 18:37	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 18:37	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 18:37	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 18:37	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	10/11/18 08:00	10/12/18 18:37	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 18:37	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 18:37	100-42-5	W

## REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 16-1304 BAY TOWEL

Pace Project No.: 40177343

**Sample: B-103 5'**      **Lab ID: 40177343010**      Collected: 10/09/18 10:14      Received: 10/09/18 14:30      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
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 18:37	630-20-6	W
1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 18:37	79-34-5	W
Tetrachloroethene	36.2J	ug/kg	70.5	29.4	1	10/11/18 08:00	10/12/18 18:37	127-18-4	
Toluene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 18:37	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 18:37	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	10/11/18 08:00	10/12/18 18:37	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 18:37	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 18:37	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 18:37	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 18:37	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 18:37	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 18:37	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 18:37	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 18:37	75-01-4	W
m&p-Xylene	<50.0	ug/kg	120	50.0	1	10/11/18 08:00	10/12/18 18:37	179601-23-1	W
o-Xylene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 18:37	95-47-6	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	115	%	57-148		1	10/11/18 08:00	10/12/18 18:37	1868-53-7	
Toluene-d8 (S)	118	%	58-142		1	10/11/18 08:00	10/12/18 18:37	2037-26-5	
4-Bromofluorobenzene (S)	98	%	48-130		1	10/11/18 08:00	10/12/18 18:37	460-00-4	
<b>Percent Moisture</b>									
Analytical Method: ASTM D2974-87									
Percent Moisture	14.9	%	0.10	0.10	1		10/11/18 15:51		

### REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 16-1304 BAY TOWEL

Pace Project No.: 40177343

Sample: B-103 8' Lab ID: 40177343011 Collected: 10/09/18 10:16 Received: 10/09/18 14:30 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
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
Benzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 19:00	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 19:00	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 19:00	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 19:00	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 19:00	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	10/11/18 08:00	10/12/18 19:00	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 19:00	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 19:00	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 19:00	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 19:00	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 19:00	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	10/11/18 08:00	10/12/18 19:00	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	10/11/18 08:00	10/12/18 19:00	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 19:00	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 19:00	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 19:00	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	10/11/18 08:00	10/12/18 19:00	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 19:00	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 19:00	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 19:00	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 19:00	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 19:00	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 19:00	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 19:00	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 19:00	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 19:00	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 19:00	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 19:00	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 19:00	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 19:00	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 19:00	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 19:00	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 19:00	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 19:00	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 19:00	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 19:00	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 19:00	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 19:00	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 19:00	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 19:00	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 19:00	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 19:00	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	10/11/18 08:00	10/12/18 19:00	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 19:00	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 19:00	100-42-5	W

## REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 16-1304 BAY TOWEL

Pace Project No.: 40177343

**Sample: B-103 8'**      **Lab ID: 40177343011**      Collected: 10/09/18 10:16      Received: 10/09/18 14:30      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
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 19:00	630-20-6	W
1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 19:00	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 19:00	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 19:00	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 19:00	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	10/11/18 08:00	10/12/18 19:00	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 19:00	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 19:00	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 19:00	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 19:00	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 19:00	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 19:00	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 19:00	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 19:00	75-01-4	W
m&p-Xylene	<50.0	ug/kg	120	50.0	1	10/11/18 08:00	10/12/18 19:00	179601-23-1	W
o-Xylene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 19:00	95-47-6	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	97	%	57-148		1	10/11/18 08:00	10/12/18 19:00	1868-53-7	
Toluene-d8 (S)	101	%	58-142		1	10/11/18 08:00	10/12/18 19:00	2037-26-5	
4-Bromofluorobenzene (S)	87	%	48-130		1	10/11/18 08:00	10/12/18 19:00	460-00-4	
<b>Percent Moisture</b>		Analytical Method: ASTM D2974-87							
Percent Moisture	<b>23.2</b>	%	0.10	0.10	1		10/11/18 15:51		

### REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 16-1304 BAY TOWEL

Pace Project No.: 40177343

**Sample: B-104 2'** Lab ID: **40177343013** Collected: 10/09/18 10:24 Received: 10/09/18 14:30 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
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
Benzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 19:22	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 19:22	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 19:22	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 19:22	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 19:22	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	10/11/18 08:00	10/12/18 19:22	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 19:22	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 19:22	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 19:22	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 19:22	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 19:22	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	10/11/18 08:00	10/12/18 19:22	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	10/11/18 08:00	10/12/18 19:22	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 19:22	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 19:22	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 19:22	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	10/11/18 08:00	10/12/18 19:22	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 19:22	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 19:22	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 19:22	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 19:22	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 19:22	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 19:22	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 19:22	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 19:22	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 19:22	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 19:22	75-35-4	W
cis-1,2-Dichloroethene	432	ug/kg	65.8	27.4	1	10/11/18 08:00	10/12/18 19:22	156-59-2	
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 19:22	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 19:22	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 19:22	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 19:22	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 19:22	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 19:22	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 19:22	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 19:22	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 19:22	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 19:22	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 19:22	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 19:22	99-87-6	W
Methylene Chloride	27.5J	ug/kg	65.8	27.4	1	10/11/18 08:00	10/12/18 19:22	75-09-2	
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 19:22	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	10/11/18 08:00	10/12/18 19:22	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 19:22	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 19:22	100-42-5	W

## REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 16-1304 BAY TOWEL

Pace Project No.: 40177343

**Sample: B-104 2'**      **Lab ID: 40177343013**      Collected: 10/09/18 10:24      Received: 10/09/18 14:30      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
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 19:22	630-20-6	W
1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 19:22	79-34-5	W
Tetrachloroethene	1730	ug/kg	65.8	27.4	1	10/11/18 08:00	10/12/18 19:22	127-18-4	
Toluene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 19:22	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 19:22	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	10/11/18 08:00	10/12/18 19:22	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 19:22	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 19:22	79-00-5	W
Trichloroethene	376	ug/kg	65.8	27.4	1	10/11/18 08:00	10/12/18 19:22	79-01-6	
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 19:22	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 19:22	96-18-4	W
1,2,4-Trimethylbenzene	49.1J	ug/kg	65.8	27.4	1	10/11/18 08:00	10/12/18 19:22	95-63-6	
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 19:22	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 19:22	75-01-4	W
m&p-Xylene	<50.0	ug/kg	120	50.0	1	10/11/18 08:00	10/12/18 19:22	179601-23-1	W
o-Xylene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 19:22	95-47-6	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	117	%	57-148		1	10/11/18 08:00	10/12/18 19:22	1868-53-7	
Toluene-d8 (S)	115	%	58-142		1	10/11/18 08:00	10/12/18 19:22	2037-26-5	
4-Bromofluorobenzene (S)	99	%	48-130		1	10/11/18 08:00	10/12/18 19:22	460-00-4	
<b>Percent Moisture</b>		Analytical Method: ASTM D2974-87							
Percent Moisture	8.8	%	0.10	0.10	1		10/11/18 15:51		

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## ANALYTICAL RESULTS

Project: 16-1304 BAY TOWEL

Pace Project No.: 40177343

Sample: B-104 5' Lab ID: 40177343014 Collected: 10/09/18 10:26 Received: 10/09/18 14:30 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
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Benzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/15/18 11:21	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/15/18 11:21	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/15/18 11:21	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/15/18 11:21	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/15/18 11:21	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	10/11/18 08:00	10/15/18 11:21	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/15/18 11:21	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/15/18 11:21	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/15/18 11:21	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/15/18 11:21	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/15/18 11:21	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	10/11/18 08:00	10/15/18 11:21	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	10/11/18 08:00	10/15/18 11:21	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/15/18 11:21	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/15/18 11:21	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/15/18 11:21	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	10/11/18 08:00	10/15/18 11:21	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/15/18 11:21	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/15/18 11:21	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/15/18 11:21	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/15/18 11:21	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/15/18 11:21	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/15/18 11:21	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/15/18 11:21	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/15/18 11:21	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/15/18 11:21	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/15/18 11:21	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/15/18 11:21	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/15/18 11:21	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/15/18 11:21	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/15/18 11:21	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/15/18 11:21	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/15/18 11:21	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/15/18 11:21	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/15/18 11:21	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/15/18 11:21	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/15/18 11:21	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/15/18 11:21	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/15/18 11:21	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/15/18 11:21	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/15/18 11:21	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/15/18 11:21	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	10/11/18 08:00	10/15/18 11:21	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/15/18 11:21	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/15/18 11:21	100-42-5	W

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### ANALYTICAL RESULTS

Project: 16-1304 BAY TOWEL

Pace Project No.: 40177343

**Sample: B-104 5'**      **Lab ID: 40177343014**      Collected: 10/09/18 10:26      Received: 10/09/18 14:30      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
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/15/18 11:21	630-20-6	W
1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/15/18 11:21	79-34-5	W
Tetrachloroethene	<b>38.4J</b>	ug/kg	67.6	28.2	1	10/11/18 08:00	10/15/18 11:21	127-18-4	
Toluene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/15/18 11:21	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/15/18 11:21	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	10/11/18 08:00	10/15/18 11:21	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/15/18 11:21	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/15/18 11:21	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/15/18 11:21	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/15/18 11:21	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/15/18 11:21	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/15/18 11:21	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/15/18 11:21	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/15/18 11:21	75-01-4	W
m&p-Xylene	<50.0	ug/kg	120	50.0	1	10/11/18 08:00	10/15/18 11:21	179601-23-1	W
o-Xylene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/15/18 11:21	95-47-6	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	101	%	57-148		1	10/11/18 08:00	10/15/18 11:21	1868-53-7	
Toluene-d8 (S)	102	%	58-142		1	10/11/18 08:00	10/15/18 11:21	2037-26-5	
4-Bromofluorobenzene (S)	90	%	48-130		1	10/11/18 08:00	10/15/18 11:21	460-00-4	
<b>Percent Moisture</b>									
Analytical Method: ASTM D2974-87									
Percent Moisture	<b>11.3</b>	%	0.10	0.10	1		10/11/18 15:51		

### REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 16-1304 BAY TOWEL

Pace Project No.: 40177343

**Sample: B-104 8'** Lab ID: 40177343015 Collected: 10/09/18 10:28 Received: 10/09/18 14:30 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
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
Benzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 14:42	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 14:42	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 14:42	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 14:42	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 14:42	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	10/11/18 08:00	10/12/18 14:42	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 14:42	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 14:42	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 14:42	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 14:42	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 14:42	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	10/11/18 08:00	10/12/18 14:42	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	10/11/18 08:00	10/12/18 14:42	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 14:42	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 14:42	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 14:42	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	10/11/18 08:00	10/12/18 14:42	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 14:42	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 14:42	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 14:42	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 14:42	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 14:42	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 14:42	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 14:42	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 14:42	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 14:42	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 14:42	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 14:42	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 14:42	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 14:42	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 14:42	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 14:42	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 14:42	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 14:42	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 14:42	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 14:42	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 14:42	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 14:42	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 14:42	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 14:42	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 14:42	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 14:42	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	10/11/18 08:00	10/12/18 14:42	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 14:42	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 14:42	100-42-5	W

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### ANALYTICAL RESULTS

Project: 16-1304 BAY TOWEL

Pace Project No.: 40177343

**Sample: B-104 8'**      **Lab ID: 40177343015**      Collected: 10/09/18 10:28      Received: 10/09/18 14:30      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
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 14:42	630-20-6	W
1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 14:42	79-34-5	W
Tetrachloroethene	44.5J	ug/kg	78.2	32.6	1	10/11/18 08:00	10/12/18 14:42	127-18-4	
Toluene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 14:42	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 14:42	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	10/11/18 08:00	10/12/18 14:42	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 14:42	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 14:42	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 14:42	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 14:42	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 14:42	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 14:42	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 14:42	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 14:42	75-01-4	W
m&p-Xylene	<50.0	ug/kg	120	50.0	1	10/11/18 08:00	10/12/18 14:42	179601-23-1	W
o-Xylene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:00	10/12/18 14:42	95-47-6	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	109	%	57-148		1	10/11/18 08:00	10/12/18 14:42	1868-53-7	
Toluene-d8 (S)	106	%	58-142		1	10/11/18 08:00	10/12/18 14:42	2037-26-5	
4-Bromofluorobenzene (S)	85	%	48-130		1	10/11/18 08:00	10/12/18 14:42	460-00-4	
<b>Percent Moisture</b>		Analytical Method: ASTM D2974-87							
Percent Moisture	23.3	%	0.10	0.10	1		10/11/18 15:51		

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## ANALYTICAL RESULTS

Project: 16-1304 BAY TOWEL

Pace Project No.: 40177343

**Sample: B-105 2'**      **Lab ID: 40177343017**      Collected: 10/09/18 11:18      Received: 10/09/18 14:30      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
<b>8260 MSV Med Level Normal List</b> Analytical Method: EPA 8260      Preparation Method: EPA 5035/5030B									
Benzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 18:36	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 18:36	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 18:36	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 18:36	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 18:36	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	10/11/18 08:15	10/12/18 18:36	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 18:36	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 18:36	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 18:36	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 18:36	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 18:36	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	10/11/18 08:15	10/12/18 18:36	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	10/11/18 08:15	10/12/18 18:36	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 18:36	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 18:36	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 18:36	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	10/11/18 08:15	10/12/18 18:36	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 18:36	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 18:36	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 18:36	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 18:36	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 18:36	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 18:36	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 18:36	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 18:36	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 18:36	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 18:36	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 18:36	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 18:36	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 18:36	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 18:36	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 18:36	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 18:36	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 18:36	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 18:36	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 18:36	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 18:36	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 18:36	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 18:36	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 18:36	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 18:36	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 18:36	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	10/11/18 08:15	10/12/18 18:36	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 18:36	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 18:36	100-42-5	W

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### ANALYTICAL RESULTS

Project: 16-1304 BAY TOWEL

Pace Project No.: 40177343

**Sample: B-105 2'**      **Lab ID: 40177343017**      Collected: 10/09/18 11:18      Received: 10/09/18 14:30      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
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 18:36	630-20-6	W
1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 18:36	79-34-5	W
Tetrachloroethene	59.0J	ug/kg	67.4	28.1	1	10/11/18 08:15	10/12/18 18:36	127-18-4	
Toluene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 18:36	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 18:36	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	10/11/18 08:15	10/12/18 18:36	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 18:36	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 18:36	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 18:36	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 18:36	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 18:36	96-18-4	W
1,2,4-Trimethylbenzene	37.8J	ug/kg	67.4	28.1	1	10/11/18 08:15	10/12/18 18:36	95-63-6	
1,3,5-Trimethylbenzene	29.3J	ug/kg	67.4	28.1	1	10/11/18 08:15	10/12/18 18:36	108-67-8	
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 18:36	75-01-4	W
m&p-Xylene	<50.0	ug/kg	120	50.0	1	10/11/18 08:15	10/12/18 18:36	179601-23-1	W
o-Xylene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 18:36	95-47-6	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	127	%	57-148		1	10/11/18 08:15	10/12/18 18:36	1868-53-7	
Toluene-d8 (S)	117	%	58-142		1	10/11/18 08:15	10/12/18 18:36	2037-26-5	
4-Bromofluorobenzene (S)	103	%	48-130		1	10/11/18 08:15	10/12/18 18:36	460-00-4	
<b>Percent Moisture</b>									
Analytical Method: ASTM D2974-87									
Percent Moisture	11.0	%	0.10	0.10	1		10/11/18 15:51		

### REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 16-1304 BAY TOWEL

Pace Project No.: 40177343

Sample: B-105 5' Lab ID: 40177343018 Collected: 10/09/18 11:20 Received: 10/09/18 14:30 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
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Benzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 18:59	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 18:59	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 18:59	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 18:59	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 18:59	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	10/11/18 08:15	10/12/18 18:59	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 18:59	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 18:59	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 18:59	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 18:59	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 18:59	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	10/11/18 08:15	10/12/18 18:59	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	10/11/18 08:15	10/12/18 18:59	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 18:59	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 18:59	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 18:59	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	10/11/18 08:15	10/12/18 18:59	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 18:59	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 18:59	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 18:59	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 18:59	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 18:59	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 18:59	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 18:59	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 18:59	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 18:59	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 18:59	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 18:59	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 18:59	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 18:59	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 18:59	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 18:59	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 18:59	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 18:59	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 18:59	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 18:59	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 18:59	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 18:59	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 18:59	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 18:59	99-87-6	W
Methylene Chloride	33.5J	ug/kg	69.1	28.8	1	10/11/18 08:15	10/12/18 18:59	75-09-2	B
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 18:59	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	10/11/18 08:15	10/12/18 18:59	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 18:59	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 18:59	100-42-5	W

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## ANALYTICAL RESULTS

Project: 16-1304 BAY TOWEL

Pace Project No.: 40177343

**Sample: B-105 5'**      **Lab ID: 40177343018**      Collected: 10/09/18 11:20      Received: 10/09/18 14:30      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
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 18:59	630-20-6	W
1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 18:59	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 18:59	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 18:59	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 18:59	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	10/11/18 08:15	10/12/18 18:59	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 18:59	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 18:59	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 18:59	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 18:59	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 18:59	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 18:59	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 18:59	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 18:59	75-01-4	W
m&p-Xylene	<50.0	ug/kg	120	50.0	1	10/11/18 08:15	10/12/18 18:59	179601-23-1	W
o-Xylene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 18:59	95-47-6	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	129	%	57-148		1	10/11/18 08:15	10/12/18 18:59	1868-53-7	
Toluene-d8 (S)	125	%	58-142		1	10/11/18 08:15	10/12/18 18:59	2037-26-5	
4-Bromofluorobenzene (S)	112	%	48-130		1	10/11/18 08:15	10/12/18 18:59	460-00-4	
<b>Percent Moisture</b>		Analytical Method: ASTM D2974-87							
Percent Moisture	13.2	%	0.10	0.10	1		10/11/18 15:51		

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## ANALYTICAL RESULTS

Project: 16-1304 BAY TOWEL

Pace Project No.: 40177343

**Sample: B-105 8'**      **Lab ID: 40177343019**      Collected: 10/09/18 11:22      Received: 10/09/18 14:30      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
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
Benzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 19:22	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 19:22	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 19:22	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 19:22	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 19:22	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	10/11/18 08:15	10/12/18 19:22	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 19:22	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 19:22	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 19:22	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 19:22	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 19:22	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	10/11/18 08:15	10/12/18 19:22	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	10/11/18 08:15	10/12/18 19:22	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 19:22	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 19:22	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 19:22	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	10/11/18 08:15	10/12/18 19:22	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 19:22	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 19:22	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 19:22	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 19:22	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 19:22	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 19:22	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 19:22	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 19:22	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 19:22	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 19:22	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 19:22	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 19:22	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 19:22	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 19:22	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 19:22	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 19:22	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 19:22	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 19:22	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 19:22	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 19:22	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 19:22	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 19:22	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 19:22	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 19:22	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 19:22	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	10/11/18 08:15	10/12/18 19:22	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 19:22	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 19:22	100-42-5	W

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### ANALYTICAL RESULTS

Project: 16-1304 BAY TOWEL

Pace Project No.: 40177343

**Sample: B-105 8'**      **Lab ID: 40177343019**      Collected: 10/09/18 11:22      Received: 10/09/18 14:30      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
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 19:22	630-20-6	W
1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 19:22	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 19:22	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 19:22	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 19:22	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	10/11/18 08:15	10/12/18 19:22	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 19:22	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 19:22	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 19:22	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 19:22	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 19:22	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 19:22	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 19:22	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 19:22	75-01-4	W
m&p-Xylene	<50.0	ug/kg	120	50.0	1	10/11/18 08:15	10/12/18 19:22	179601-23-1	W
o-Xylene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 19:22	95-47-6	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	105	%	57-148		1	10/11/18 08:15	10/12/18 19:22	1868-53-7	
Toluene-d8 (S)	98	%	58-142		1	10/11/18 08:15	10/12/18 19:22	2037-26-5	
4-Bromofluorobenzene (S)	89	%	48-130		1	10/11/18 08:15	10/12/18 19:22	460-00-4	
<b>Percent Moisture</b>									
Analytical Method: ASTM D2974-87									
Percent Moisture	23.1	%	0.10	0.10	1		10/11/18 15:51		

### REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 16-1304 BAY TOWEL

Pace Project No.: 40177343

**Sample: B-106 2'** Lab ID: 40177343021 Collected: 10/09/18 12:00 Received: 10/09/18 14:30 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
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
Benzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 19:45	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 19:45	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 19:45	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 19:45	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 19:45	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	10/11/18 08:15	10/12/18 19:45	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 19:45	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 19:45	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 19:45	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 19:45	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 19:45	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	10/11/18 08:15	10/12/18 19:45	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	10/11/18 08:15	10/12/18 19:45	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 19:45	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 19:45	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 19:45	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	10/11/18 08:15	10/12/18 19:45	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 19:45	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 19:45	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 19:45	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 19:45	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 19:45	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 19:45	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 19:45	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 19:45	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 19:45	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 19:45	75-35-4	W
cis-1,2-Dichloroethene	233	ug/kg	77.0	32.1	1	10/11/18 08:15	10/12/18 19:45	156-59-2	
trans-1,2-Dichloroethene	61.2J	ug/kg	77.0	32.1	1	10/11/18 08:15	10/12/18 19:45	156-60-5	
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 19:45	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 19:45	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 19:45	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 19:45	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 19:45	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 19:45	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 19:45	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 19:45	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 19:45	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 19:45	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 19:45	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 19:45	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 19:45	1634-04-4	W
Naphthalene	101J	ug/kg	321	51.4	1	10/11/18 08:15	10/12/18 19:45	91-20-3	
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 19:45	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 19:45	100-42-5	W

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### ANALYTICAL RESULTS

Project: 16-1304 BAY TOWEL

Pace Project No.: 40177343

**Sample: B-106 2'**      **Lab ID: 40177343021**      Collected: 10/09/18 12:00      Received: 10/09/18 14:30      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
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 19:45	630-20-6	W
1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 19:45	79-34-5	W
Tetrachloroethene	1180	ug/kg	77.0	32.1	1	10/11/18 08:15	10/12/18 19:45	127-18-4	
Toluene	35.6J	ug/kg	77.0	32.1	1	10/11/18 08:15	10/12/18 19:45	108-88-3	
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 19:45	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	10/11/18 08:15	10/12/18 19:45	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 19:45	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 19:45	79-00-5	W
Trichloroethene	278	ug/kg	77.0	32.1	1	10/11/18 08:15	10/12/18 19:45	79-01-6	
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 19:45	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 19:45	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 19:45	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 19:45	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 19:45	75-01-4	W
m&p-Xylene	<50.0	ug/kg	120	50.0	1	10/11/18 08:15	10/12/18 19:45	179601-23-1	W
o-Xylene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 19:45	95-47-6	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	119	%	57-148		1	10/11/18 08:15	10/12/18 19:45	1868-53-7	
Toluene-d8 (S)	115	%	58-142		1	10/11/18 08:15	10/12/18 19:45	2037-26-5	
4-Bromofluorobenzene (S)	98	%	48-130		1	10/11/18 08:15	10/12/18 19:45	460-00-4	
<b>Percent Moisture</b>		Analytical Method: ASTM D2974-87							
Percent Moisture	22.1	%	0.10	0.10	1		10/11/18 16:18		

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## ANALYTICAL RESULTS

Project: 16-1304 BAY TOWEL

Pace Project No.: 40177343

Sample: B-106 5' Lab ID: 40177343022 Collected: 10/09/18 12:02 Received: 10/09/18 14:30 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
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Benzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 20:08	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 20:08	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 20:08	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 20:08	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 20:08	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	10/11/18 08:15	10/12/18 20:08	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 20:08	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 20:08	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 20:08	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 20:08	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 20:08	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	10/11/18 08:15	10/12/18 20:08	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	10/11/18 08:15	10/12/18 20:08	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 20:08	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 20:08	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 20:08	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	10/11/18 08:15	10/12/18 20:08	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 20:08	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 20:08	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 20:08	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 20:08	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 20:08	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 20:08	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 20:08	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 20:08	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 20:08	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 20:08	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 20:08	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 20:08	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 20:08	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 20:08	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 20:08	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 20:08	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 20:08	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 20:08	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 20:08	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 20:08	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 20:08	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 20:08	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 20:08	99-87-6	W
Methylene Chloride	30.1J	ug/kg	69.2	28.8	1	10/11/18 08:15	10/12/18 20:08	75-09-2	B
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 20:08	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	10/11/18 08:15	10/12/18 20:08	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 20:08	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 20:08	100-42-5	W

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### ANALYTICAL RESULTS

Project: 16-1304 BAY TOWEL

Pace Project No.: 40177343

**Sample: B-106 5'**      **Lab ID: 40177343022**      Collected: 10/09/18 12:02      Received: 10/09/18 14:30      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
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 20:08	630-20-6	W
1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 20:08	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 20:08	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 20:08	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 20:08	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	10/11/18 08:15	10/12/18 20:08	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 20:08	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 20:08	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 20:08	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 20:08	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 20:08	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 20:08	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 20:08	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 20:08	75-01-4	W
m&p-Xylene	<50.0	ug/kg	120	50.0	1	10/11/18 08:15	10/12/18 20:08	179601-23-1	W
o-Xylene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 20:08	95-47-6	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	127	%	57-148		1	10/11/18 08:15	10/12/18 20:08	1868-53-7	
Toluene-d8 (S)	124	%	58-142		1	10/11/18 08:15	10/12/18 20:08	2037-26-5	
4-Bromofluorobenzene (S)	111	%	48-130		1	10/11/18 08:15	10/12/18 20:08	460-00-4	
<b>Percent Moisture</b>									
Analytical Method: ASTM D2974-87									
Percent Moisture	13.3	%	0.10	0.10	1		10/11/18 16:18		

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## ANALYTICAL RESULTS

Project: 16-1304 BAY TOWEL

Pace Project No.: 40177343

Sample: B-106 8' Lab ID: 40177343023 Collected: 10/09/18 12:04 Received: 10/09/18 14:30 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
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Benzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 20:32	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 20:32	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 20:32	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 20:32	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 20:32	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	10/11/18 08:15	10/12/18 20:32	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 20:32	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 20:32	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 20:32	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 20:32	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 20:32	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	10/11/18 08:15	10/12/18 20:32	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	10/11/18 08:15	10/12/18 20:32	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 20:32	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 20:32	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 20:32	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	10/11/18 08:15	10/12/18 20:32	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 20:32	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 20:32	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 20:32	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 20:32	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 20:32	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 20:32	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 20:32	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 20:32	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 20:32	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 20:32	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 20:32	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 20:32	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 20:32	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 20:32	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 20:32	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 20:32	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 20:32	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 20:32	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 20:32	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 20:32	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 20:32	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 20:32	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 20:32	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 20:32	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 20:32	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	10/11/18 08:15	10/12/18 20:32	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 20:32	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 20:32	100-42-5	W

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### ANALYTICAL RESULTS

Project: 16-1304 BAY TOWEL

Pace Project No.: 40177343

**Sample: B-106 8'**      **Lab ID: 40177343023**      Collected: 10/09/18 12:04      Received: 10/09/18 14:30      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
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 20:32	630-20-6	W
1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 20:32	79-34-5	W
Tetrachloroethene	100	ug/kg	77.0	32.1	1	10/11/18 08:15	10/12/18 20:32	127-18-4	
Toluene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 20:32	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 20:32	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	10/11/18 08:15	10/12/18 20:32	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 20:32	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 20:32	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 20:32	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 20:32	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 20:32	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 20:32	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 20:32	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 20:32	75-01-4	W
m&p-Xylene	<50.0	ug/kg	120	50.0	1	10/11/18 08:15	10/12/18 20:32	179601-23-1	W
o-Xylene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 20:32	95-47-6	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	119	%	57-148		1	10/11/18 08:15	10/12/18 20:32	1868-53-7	
Toluene-d8 (S)	112	%	58-142		1	10/11/18 08:15	10/12/18 20:32	2037-26-5	
4-Bromofluorobenzene (S)	101	%	48-130		1	10/11/18 08:15	10/12/18 20:32	460-00-4	
<b>Percent Moisture</b>									
Analytical Method: ASTM D2974-87									
Percent Moisture	22.1	%	0.10	0.10	1		10/11/18 16:18		

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## ANALYTICAL RESULTS

Project: 16-1304 BAY TOWEL

Pace Project No.: 40177343

Sample: B-107 2' Lab ID: 40177343025 Collected: 10/09/18 12:42 Received: 10/09/18 14:30 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
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Benzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 20:55	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 20:55	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 20:55	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 20:55	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 20:55	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	10/11/18 08:15	10/12/18 20:55	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 20:55	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 20:55	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 20:55	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 20:55	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 20:55	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	10/11/18 08:15	10/12/18 20:55	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	10/11/18 08:15	10/12/18 20:55	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 20:55	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 20:55	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 20:55	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	10/11/18 08:15	10/12/18 20:55	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 20:55	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 20:55	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 20:55	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 20:55	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 20:55	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 20:55	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 20:55	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 20:55	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 20:55	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 20:55	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 20:55	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 20:55	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 20:55	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 20:55	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 20:55	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 20:55	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 20:55	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 20:55	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 20:55	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 20:55	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 20:55	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 20:55	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 20:55	99-87-6	W
Methylene Chloride	31.7J	ug/kg	61.9	25.8	1	10/11/18 08:15	10/12/18 20:55	75-09-2	B
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 20:55	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	10/11/18 08:15	10/12/18 20:55	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 20:55	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 20:55	100-42-5	W

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### ANALYTICAL RESULTS

Project: 16-1304 BAY TOWEL

Pace Project No.: 40177343

**Sample: B-107 2'**      **Lab ID: 40177343025**      Collected: 10/09/18 12:42      Received: 10/09/18 14:30      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
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 20:55	630-20-6	W
1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 20:55	79-34-5	W
Tetrachloroethene	1130	ug/kg	61.9	25.8	1	10/11/18 08:15	10/12/18 20:55	127-18-4	
Toluene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 20:55	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 20:55	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	10/11/18 08:15	10/12/18 20:55	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 20:55	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 20:55	79-00-5	W
Trichloroethene	62.5	ug/kg	61.9	25.8	1	10/11/18 08:15	10/12/18 20:55	79-01-6	
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 20:55	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 20:55	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 20:55	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 20:55	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 20:55	75-01-4	W
m&p-Xylene	<50.0	ug/kg	120	50.0	1	10/11/18 08:15	10/12/18 20:55	179601-23-1	W
o-Xylene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 20:55	95-47-6	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	124	%	57-148		1	10/11/18 08:15	10/12/18 20:55	1868-53-7	
Toluene-d8 (S)	118	%	58-142		1	10/11/18 08:15	10/12/18 20:55	2037-26-5	
4-Bromofluorobenzene (S)	106	%	48-130		1	10/11/18 08:15	10/12/18 20:55	460-00-4	
<b>Percent Moisture</b>									
Analytical Method: ASTM D2974-87									
Percent Moisture	3.0	%	0.10	0.10	1		10/11/18 16:18		

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## ANALYTICAL RESULTS

Project: 16-1304 BAY TOWEL

Pace Project No.: 40177343

Sample: B-107 5' Lab ID: 40177343026 Collected: 10/09/18 12:44 Received: 10/09/18 14:30 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
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Benzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 21:18	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 21:18	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 21:18	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 21:18	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 21:18	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	10/11/18 08:15	10/12/18 21:18	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 21:18	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 21:18	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 21:18	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 21:18	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 21:18	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	10/11/18 08:15	10/12/18 21:18	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	10/11/18 08:15	10/12/18 21:18	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 21:18	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 21:18	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 21:18	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	10/11/18 08:15	10/12/18 21:18	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 21:18	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 21:18	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 21:18	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 21:18	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 21:18	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 21:18	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 21:18	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 21:18	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 21:18	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 21:18	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 21:18	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 21:18	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 21:18	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 21:18	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 21:18	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 21:18	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 21:18	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 21:18	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 21:18	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 21:18	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 21:18	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 21:18	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 21:18	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 21:18	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 21:18	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	10/11/18 08:15	10/12/18 21:18	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 21:18	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 21:18	100-42-5	W

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### ANALYTICAL RESULTS

Project: 16-1304 BAY TOWEL

Pace Project No.: 40177343

**Sample: B-107 5'**      **Lab ID: 40177343026**      Collected: 10/09/18 12:44      Received: 10/09/18 14:30      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
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 21:18	630-20-6	W
1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 21:18	79-34-5	W
Tetrachloroethene	75.5	ug/kg	70.1	29.2	1	10/11/18 08:15	10/12/18 21:18	127-18-4	
Toluene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 21:18	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 21:18	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	10/11/18 08:15	10/12/18 21:18	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 21:18	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 21:18	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 21:18	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 21:18	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 21:18	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 21:18	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 21:18	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 21:18	75-01-4	W
m&p-Xylene	<50.0	ug/kg	120	50.0	1	10/11/18 08:15	10/12/18 21:18	179601-23-1	W
o-Xylene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 21:18	95-47-6	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	103	%	57-148		1	10/11/18 08:15	10/12/18 21:18	1868-53-7	
Toluene-d8 (S)	102	%	58-142		1	10/11/18 08:15	10/12/18 21:18	2037-26-5	
4-Bromofluorobenzene (S)	90	%	48-130		1	10/11/18 08:15	10/12/18 21:18	460-00-4	
<b>Percent Moisture</b>		Analytical Method: ASTM D2974-87							
Percent Moisture	14.4	%	0.10	0.10	1		10/11/18 16:18		

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## ANALYTICAL RESULTS

Project: 16-1304 BAY TOWEL

Pace Project No.: 40177343

Sample: B-107 8' Lab ID: 40177343027 Collected: 10/09/18 12:46 Received: 10/09/18 14:30 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
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
Benzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 21:41	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 21:41	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 21:41	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 21:41	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 21:41	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	10/11/18 08:15	10/12/18 21:41	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 21:41	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 21:41	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 21:41	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 21:41	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 21:41	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	10/11/18 08:15	10/12/18 21:41	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	10/11/18 08:15	10/12/18 21:41	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 21:41	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 21:41	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 21:41	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	10/11/18 08:15	10/12/18 21:41	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 21:41	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 21:41	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 21:41	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 21:41	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 21:41	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 21:41	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 21:41	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 21:41	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 21:41	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 21:41	75-35-4	W
cis-1,2-Dichloroethene	107	ug/kg	75.8	31.6	1	10/11/18 08:15	10/12/18 21:41	156-59-2	
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 21:41	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 21:41	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 21:41	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 21:41	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 21:41	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 21:41	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 21:41	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 21:41	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 21:41	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 21:41	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 21:41	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 21:41	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 21:41	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 21:41	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	10/11/18 08:15	10/12/18 21:41	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 21:41	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 21:41	100-42-5	W

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### ANALYTICAL RESULTS

Project: 16-1304 BAY TOWEL

Pace Project No.: 40177343

Sample: B-107 8' Lab ID: 40177343027 Collected: 10/09/18 12:46 Received: 10/09/18 14:30 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
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 21:41	630-20-6	W
1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 21:41	79-34-5	W
Tetrachloroethene	158	ug/kg	75.8	31.6	1	10/11/18 08:15	10/12/18 21:41	127-18-4	
Toluene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 21:41	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 21:41	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	10/11/18 08:15	10/12/18 21:41	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 21:41	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 21:41	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 21:41	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 21:41	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 21:41	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 21:41	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 21:41	108-67-8	W
Vinyl chloride	67.7J	ug/kg	75.8	31.6	1	10/11/18 08:15	10/12/18 21:41	75-01-4	
m&p-Xylene	<50.0	ug/kg	120	50.0	1	10/11/18 08:15	10/12/18 21:41	179601-23-1	W
o-Xylene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 21:41	95-47-6	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	104	%	57-148		1	10/11/18 08:15	10/12/18 21:41	1868-53-7	
Toluene-d8 (S)	100	%	58-142		1	10/11/18 08:15	10/12/18 21:41	2037-26-5	
4-Bromofluorobenzene (S)	86	%	48-130		1	10/11/18 08:15	10/12/18 21:41	460-00-4	
<b>Percent Moisture</b>									
Analytical Method: ASTM D2974-87									
Percent Moisture	20.9	%	0.10	0.10	1		10/11/18 16:18		

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## ANALYTICAL RESULTS

Project: 16-1304 BAY TOWEL

Pace Project No.: 40177343

Sample: B-107 10' Lab ID: 40177343028 Collected: 10/09/18 12:48 Received: 10/09/18 14:30 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
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Benzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 10:47	71-43-2	L5,W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 10:47	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 10:47	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 10:47	75-27-4	L5,W
Bromoform	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 10:47	75-25-2	L5,W
Bromomethane	<69.9	ug/kg	250	69.9	1	10/19/18 08:00	10/22/18 10:47	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 10:47	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 10:47	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 10:47	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 10:47	56-23-5	L5,W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 10:47	108-90-7	L5,W
Chloroethane	<67.0	ug/kg	250	67.0	1	10/19/18 08:00	10/22/18 10:47	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	10/19/18 08:00	10/22/18 10:47	67-66-3	L5,W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 10:47	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 10:47	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 10:47	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	10/19/18 08:00	10/22/18 10:47	96-12-8	L5,W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 10:47	124-48-1	L5,W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 10:47	106-93-4	L5,W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 10:47	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 10:47	95-50-1	L5,W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 10:47	541-73-1	L5,W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 10:47	106-46-7	L5,W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 10:47	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 10:47	75-34-3	L5,W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 10:47	107-06-2	L5,W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 10:47	75-35-4	L5,W
cis-1,2-Dichloroethene	139	ug/kg	87.2	36.3	1	10/19/18 08:00	10/22/18 10:47	156-59-2	L5
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 10:47	156-60-5	L5,W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 10:47	78-87-5	L5,W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 10:47	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 10:47	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 10:47	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 10:47	10061-01-5	L5,W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 10:47	10061-02-6	L5,W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 10:47	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 10:47	100-41-4	L5,W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 10:47	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 10:47	98-82-8	L5,W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 10:47	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 10:47	75-09-2	L5,W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 10:47	1634-04-4	L5,W
Naphthalene	<40.0	ug/kg	250	40.0	1	10/19/18 08:00	10/22/18 10:47	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 10:47	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 10:47	100-42-5	L5,W

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### ANALYTICAL RESULTS

Project: 16-1304 BAY TOWEL

Pace Project No.: 40177343

**Sample: B-107 10'**      **Lab ID: 40177343028**      Collected: 10/09/18 12:48      Received: 10/09/18 14:30      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
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 10:47	630-20-6	W
1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 10:47	79-34-5	L5,W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 10:47	127-18-4	L5,W
Toluene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 10:47	108-88-3	L5,W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 10:47	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	10/19/18 08:00	10/22/18 10:47	120-82-1	L5,W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 10:47	71-55-6	L5,W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 10:47	79-00-5	L5,W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 10:47	79-01-6	L5,W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 10:47	75-69-4	L5,W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 10:47	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 10:47	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 10:47	108-67-8	W
Vinyl chloride	110	ug/kg	87.2	36.3	1	10/19/18 08:00	10/22/18 10:47	75-01-4	L5
m&p-Xylene	<50.0	ug/kg	120	50.0	1	10/19/18 08:00	10/22/18 10:47	179601-23-1	L5,W
o-Xylene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 10:47	95-47-6	L5,W
<b>Surrogates</b>									
Dibromofluoromethane (S)	95	%	57-148		1	10/19/18 08:00	10/22/18 10:47	1868-53-7	
Toluene-d8 (S)	97	%	58-142		1	10/19/18 08:00	10/22/18 10:47	2037-26-5	
4-Bromofluorobenzene (S)	96	%	48-130		1	10/19/18 08:00	10/22/18 10:47	460-00-4	
<b>Percent Moisture</b>		Analytical Method: ASTM D2974-87							
Percent Moisture	31.2	%	0.10	0.10	1		10/18/18 15:12		

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## ANALYTICAL RESULTS

Project: 16-1304 BAY TOWEL

Pace Project No.: 40177343

Sample: B-108 2' Lab ID: 40177343029 Collected: 10/09/18 13:16 Received: 10/09/18 14:30 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
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Benzene	<62.5	ug/kg	150	62.5	2.5	10/11/18 08:15	10/12/18 14:49	71-43-2	W
Bromobenzene	<62.5	ug/kg	150	62.5	2.5	10/11/18 08:15	10/12/18 14:49	108-86-1	W
Bromochloromethane	<62.5	ug/kg	150	62.5	2.5	10/11/18 08:15	10/12/18 14:49	74-97-5	W
Bromodichloromethane	<62.5	ug/kg	150	62.5	2.5	10/11/18 08:15	10/12/18 14:49	75-27-4	W
Bromoform	<62.5	ug/kg	150	62.5	2.5	10/11/18 08:15	10/12/18 14:49	75-25-2	W
Bromomethane	<175	ug/kg	625	175	2.5	10/11/18 08:15	10/12/18 14:49	74-83-9	W
n-Butylbenzene	<62.5	ug/kg	150	62.5	2.5	10/11/18 08:15	10/12/18 14:49	104-51-8	W
sec-Butylbenzene	<62.5	ug/kg	150	62.5	2.5	10/11/18 08:15	10/12/18 14:49	135-98-8	W
tert-Butylbenzene	<62.5	ug/kg	150	62.5	2.5	10/11/18 08:15	10/12/18 14:49	98-06-6	W
Carbon tetrachloride	<62.5	ug/kg	150	62.5	2.5	10/11/18 08:15	10/12/18 14:49	56-23-5	W
Chlorobenzene	<62.5	ug/kg	150	62.5	2.5	10/11/18 08:15	10/12/18 14:49	108-90-7	W
Chloroethane	<168	ug/kg	625	168	2.5	10/11/18 08:15	10/12/18 14:49	75-00-3	W
Chloroform	<116	ug/kg	625	116	2.5	10/11/18 08:15	10/12/18 14:49	67-66-3	W
Chloromethane	<62.5	ug/kg	150	62.5	2.5	10/11/18 08:15	10/12/18 14:49	74-87-3	W
2-Chlorotoluene	<62.5	ug/kg	150	62.5	2.5	10/11/18 08:15	10/12/18 14:49	95-49-8	W
4-Chlorotoluene	<62.5	ug/kg	150	62.5	2.5	10/11/18 08:15	10/12/18 14:49	106-43-4	W
1,2-Dibromo-3-chloropropane	<228	ug/kg	625	228	2.5	10/11/18 08:15	10/12/18 14:49	96-12-8	W
Dibromochloromethane	<62.5	ug/kg	150	62.5	2.5	10/11/18 08:15	10/12/18 14:49	124-48-1	W
1,2-Dibromoethane (EDB)	<62.5	ug/kg	150	62.5	2.5	10/11/18 08:15	10/12/18 14:49	106-93-4	W
Dibromomethane	<62.5	ug/kg	150	62.5	2.5	10/11/18 08:15	10/12/18 14:49	74-95-3	W
1,2-Dichlorobenzene	<62.5	ug/kg	150	62.5	2.5	10/11/18 08:15	10/12/18 14:49	95-50-1	W
1,3-Dichlorobenzene	<62.5	ug/kg	150	62.5	2.5	10/11/18 08:15	10/12/18 14:49	541-73-1	W
1,4-Dichlorobenzene	<62.5	ug/kg	150	62.5	2.5	10/11/18 08:15	10/12/18 14:49	106-46-7	W
Dichlorodifluoromethane	<62.5	ug/kg	150	62.5	2.5	10/11/18 08:15	10/12/18 14:49	75-71-8	W
1,1-Dichloroethane	<62.5	ug/kg	150	62.5	2.5	10/11/18 08:15	10/12/18 14:49	75-34-3	W
1,2-Dichloroethane	<62.5	ug/kg	150	62.5	2.5	10/11/18 08:15	10/12/18 14:49	107-06-2	W
1,1-Dichloroethene	<62.5	ug/kg	150	62.5	2.5	10/11/18 08:15	10/12/18 14:49	75-35-4	W
cis-1,2-Dichloroethene	437	ug/kg	163	67.9	2.5	10/11/18 08:15	10/12/18 14:49	156-59-2	
trans-1,2-Dichloroethene	<62.5	ug/kg	150	62.5	2.5	10/11/18 08:15	10/12/18 14:49	156-60-5	W
1,2-Dichloropropane	<62.5	ug/kg	150	62.5	2.5	10/11/18 08:15	10/12/18 14:49	78-87-5	W
1,3-Dichloropropane	<62.5	ug/kg	150	62.5	2.5	10/11/18 08:15	10/12/18 14:49	142-28-9	W
2,2-Dichloropropane	<62.5	ug/kg	150	62.5	2.5	10/11/18 08:15	10/12/18 14:49	594-20-7	W
1,1-Dichloropropene	<62.5	ug/kg	150	62.5	2.5	10/11/18 08:15	10/12/18 14:49	563-58-6	W
cis-1,3-Dichloropropene	<62.5	ug/kg	150	62.5	2.5	10/11/18 08:15	10/12/18 14:49	10061-01-5	W
trans-1,3-Dichloropropene	<62.5	ug/kg	150	62.5	2.5	10/11/18 08:15	10/12/18 14:49	10061-02-6	W
Diisopropyl ether	<62.5	ug/kg	150	62.5	2.5	10/11/18 08:15	10/12/18 14:49	108-20-3	W
Ethylbenzene	<62.5	ug/kg	150	62.5	2.5	10/11/18 08:15	10/12/18 14:49	100-41-4	W
Hexachloro-1,3-butadiene	<62.5	ug/kg	150	62.5	2.5	10/11/18 08:15	10/12/18 14:49	87-68-3	W
Isopropylbenzene (Cumene)	<62.5	ug/kg	150	62.5	2.5	10/11/18 08:15	10/12/18 14:49	98-82-8	W
p-Isopropyltoluene	<62.5	ug/kg	150	62.5	2.5	10/11/18 08:15	10/12/18 14:49	99-87-6	W
Methylene Chloride	<62.5	ug/kg	150	62.5	2.5	10/11/18 08:15	10/12/18 14:49	75-09-2	W
Methyl-tert-butyl ether	<62.5	ug/kg	150	62.5	2.5	10/11/18 08:15	10/12/18 14:49	1634-04-4	W
Naphthalene	<100	ug/kg	625	100	2.5	10/11/18 08:15	10/12/18 14:49	91-20-3	W
n-Propylbenzene	<62.5	ug/kg	150	62.5	2.5	10/11/18 08:15	10/12/18 14:49	103-65-1	W
Styrene	<62.5	ug/kg	150	62.5	2.5	10/11/18 08:15	10/12/18 14:49	100-42-5	W

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### ANALYTICAL RESULTS

Project: 16-1304 BAY TOWEL

Pace Project No.: 40177343

**Sample: B-108 2'**      **Lab ID: 40177343029**      Collected: 10/09/18 13:16      Received: 10/09/18 14:30      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
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
1,1,1,2-Tetrachloroethane	<62.5	ug/kg	150	62.5	2.5	10/11/18 08:15	10/12/18 14:49	630-20-6	W
1,1,2,2-Tetrachloroethane	<62.5	ug/kg	150	62.5	2.5	10/11/18 08:15	10/12/18 14:49	79-34-5	W
Tetrachloroethene	13800	ug/kg	163	67.9	2.5	10/11/18 08:15	10/12/18 14:49	127-18-4	
Toluene	<62.5	ug/kg	150	62.5	2.5	10/11/18 08:15	10/12/18 14:49	108-88-3	W
1,2,3-Trichlorobenzene	<62.5	ug/kg	150	62.5	2.5	10/11/18 08:15	10/12/18 14:49	87-61-6	W
1,2,4-Trichlorobenzene	<119	ug/kg	625	119	2.5	10/11/18 08:15	10/12/18 14:49	120-82-1	W
1,1,1-Trichloroethane	<62.5	ug/kg	150	62.5	2.5	10/11/18 08:15	10/12/18 14:49	71-55-6	W
1,1,2-Trichloroethane	<62.5	ug/kg	150	62.5	2.5	10/11/18 08:15	10/12/18 14:49	79-00-5	W
Trichloroethene	497	ug/kg	163	67.9	2.5	10/11/18 08:15	10/12/18 14:49	79-01-6	
Trichlorofluoromethane	<62.5	ug/kg	150	62.5	2.5	10/11/18 08:15	10/12/18 14:49	75-69-4	W
1,2,3-Trichloropropane	<62.5	ug/kg	150	62.5	2.5	10/11/18 08:15	10/12/18 14:49	96-18-4	W
1,2,4-Trimethylbenzene	<62.5	ug/kg	150	62.5	2.5	10/11/18 08:15	10/12/18 14:49	95-63-6	W
1,3,5-Trimethylbenzene	<62.5	ug/kg	150	62.5	2.5	10/11/18 08:15	10/12/18 14:49	108-67-8	W
Vinyl chloride	<62.5	ug/kg	150	62.5	2.5	10/11/18 08:15	10/12/18 14:49	75-01-4	W
m&p-Xylene	<125	ug/kg	300	125	2.5	10/11/18 08:15	10/12/18 14:49	179601-23-1	W
o-Xylene	<62.5	ug/kg	150	62.5	2.5	10/11/18 08:15	10/12/18 14:49	95-47-6	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	119	%	57-148		2.5	10/11/18 08:15	10/12/18 14:49	1868-53-7	
Toluene-d8 (S)	115	%	58-142		2.5	10/11/18 08:15	10/12/18 14:49	2037-26-5	
4-Bromofluorobenzene (S)	111	%	48-130		2.5	10/11/18 08:15	10/12/18 14:49	460-00-4	
<b>Percent Moisture</b>		Analytical Method: ASTM D2974-87							
Percent Moisture	8.0	%	0.10	0.10	1		10/11/18 16:18		

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## ANALYTICAL RESULTS

Project: 16-1304 BAY TOWEL

Pace Project No.: 40177343

**Sample: B-108 5'** Lab ID: **40177343030** Collected: 10/09/18 13:18 Received: 10/09/18 14:30 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
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
Benzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 22:04	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 22:04	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 22:04	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 22:04	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 22:04	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	10/11/18 08:15	10/12/18 22:04	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 22:04	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 22:04	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 22:04	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 22:04	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 22:04	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	10/11/18 08:15	10/12/18 22:04	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	10/11/18 08:15	10/12/18 22:04	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 22:04	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 22:04	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 22:04	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	10/11/18 08:15	10/12/18 22:04	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 22:04	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 22:04	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 22:04	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 22:04	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 22:04	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 22:04	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 22:04	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 22:04	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 22:04	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 22:04	75-35-4	W
cis-1,2-Dichloroethene	30.6J	ug/kg	68.1	28.4	1	10/11/18 08:15	10/12/18 22:04	156-59-2	
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 22:04	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 22:04	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 22:04	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 22:04	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 22:04	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 22:04	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 22:04	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 22:04	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 22:04	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 22:04	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 22:04	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 22:04	99-87-6	W
Methylene Chloride	29.2J	ug/kg	68.1	28.4	1	10/11/18 08:15	10/12/18 22:04	75-09-2	B
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 22:04	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	10/11/18 08:15	10/12/18 22:04	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 22:04	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 22:04	100-42-5	W

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### ANALYTICAL RESULTS

Project: 16-1304 BAY TOWEL

Pace Project No.: 40177343

**Sample: B-108 5'**      **Lab ID: 40177343030**      Collected: 10/09/18 13:18      Received: 10/09/18 14:30      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
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 22:04	630-20-6	W
1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 22:04	79-34-5	W
Tetrachloroethene	43.4J	ug/kg	68.1	28.4	1	10/11/18 08:15	10/12/18 22:04	127-18-4	
Toluene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 22:04	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 22:04	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	10/11/18 08:15	10/12/18 22:04	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 22:04	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 22:04	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 22:04	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 22:04	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 22:04	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 22:04	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 22:04	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 22:04	75-01-4	W
m&p-Xylene	<50.0	ug/kg	120	50.0	1	10/11/18 08:15	10/12/18 22:04	179601-23-1	W
o-Xylene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 22:04	95-47-6	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	127	%	57-148		1	10/11/18 08:15	10/12/18 22:04	1868-53-7	
Toluene-d8 (S)	117	%	58-142		1	10/11/18 08:15	10/12/18 22:04	2037-26-5	
4-Bromofluorobenzene (S)	106	%	48-130		1	10/11/18 08:15	10/12/18 22:04	460-00-4	
<b>Percent Moisture</b>									
Analytical Method: ASTM D2974-87									
Percent Moisture	11.9	%	0.10	0.10	1		10/11/18 16:18		

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## ANALYTICAL RESULTS

Project: 16-1304 BAY TOWEL

Pace Project No.: 40177343

**Sample: B-108 8'** Lab ID: 40177343031 Collected: 10/09/18 13:20 Received: 10/09/18 14:30 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
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
Benzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 22:27	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 22:27	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 22:27	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 22:27	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 22:27	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	10/11/18 08:15	10/12/18 22:27	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 22:27	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 22:27	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 22:27	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 22:27	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 22:27	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	10/11/18 08:15	10/12/18 22:27	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	10/11/18 08:15	10/12/18 22:27	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 22:27	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 22:27	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 22:27	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	10/11/18 08:15	10/12/18 22:27	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 22:27	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 22:27	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 22:27	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 22:27	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 22:27	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 22:27	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 22:27	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 22:27	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 22:27	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 22:27	75-35-4	W
cis-1,2-Dichloroethene	115	ug/kg	68.9	28.7	1	10/11/18 08:15	10/12/18 22:27	156-59-2	
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 22:27	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 22:27	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 22:27	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 22:27	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 22:27	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 22:27	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 22:27	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 22:27	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 22:27	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 22:27	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 22:27	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 22:27	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 22:27	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 22:27	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	10/11/18 08:15	10/12/18 22:27	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 22:27	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 22:27	100-42-5	W

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### ANALYTICAL RESULTS

Project: 16-1304 BAY TOWEL

Pace Project No.: 40177343

**Sample: B-108 8'**      **Lab ID: 40177343031**      Collected: 10/09/18 13:20      Received: 10/09/18 14:30      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
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 22:27	630-20-6	W
1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 22:27	79-34-5	W
Tetrachloroethene	104	ug/kg	68.9	28.7	1	10/11/18 08:15	10/12/18 22:27	127-18-4	
Toluene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 22:27	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 22:27	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	10/11/18 08:15	10/12/18 22:27	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 22:27	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 22:27	79-00-5	W
Trichloroethene	61.6J	ug/kg	68.9	28.7	1	10/11/18 08:15	10/12/18 22:27	79-01-6	
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 22:27	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 22:27	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 22:27	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 22:27	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 22:27	75-01-4	W
m&p-Xylene	<50.0	ug/kg	120	50.0	1	10/11/18 08:15	10/12/18 22:27	179601-23-1	W
o-Xylene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 22:27	95-47-6	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	129	%	57-148		1	10/11/18 08:15	10/12/18 22:27	1868-53-7	
Toluene-d8 (S)	122	%	58-142		1	10/11/18 08:15	10/12/18 22:27	2037-26-5	
4-Bromofluorobenzene (S)	105	%	48-130		1	10/11/18 08:15	10/12/18 22:27	460-00-4	
<b>Percent Moisture</b>									
Analytical Method: ASTM D2974-87									
Percent Moisture	13.0	%	0.10	0.10	1		10/11/18 16:18		

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## ANALYTICAL RESULTS

Project: 16-1304 BAY TOWEL

Pace Project No.: 40177343

Sample: B-108 10' Lab ID: 40177343032 Collected: 10/09/18 13:22 Received: 10/09/18 14:30 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
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Benzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 11:10	71-43-2	L5,W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 11:10	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 11:10	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 11:10	75-27-4	L5,W
Bromoform	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 11:10	75-25-2	L5,W
Bromomethane	<69.9	ug/kg	250	69.9	1	10/19/18 08:00	10/22/18 11:10	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 11:10	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 11:10	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 11:10	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 11:10	56-23-5	L5,W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 11:10	108-90-7	L5,W
Chloroethane	<67.0	ug/kg	250	67.0	1	10/19/18 08:00	10/22/18 11:10	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	10/19/18 08:00	10/22/18 11:10	67-66-3	L5,W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 11:10	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 11:10	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 11:10	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	10/19/18 08:00	10/22/18 11:10	96-12-8	L5,W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 11:10	124-48-1	L5,W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 11:10	106-93-4	L5,W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 11:10	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 11:10	95-50-1	L5,W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 11:10	541-73-1	L5,W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 11:10	106-46-7	L5,W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 11:10	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 11:10	75-34-3	L5,W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 11:10	107-06-2	L5,W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 11:10	75-35-4	L5,W
cis-1,2-Dichloroethene	124	ug/kg	85.9	35.8	1	10/19/18 08:00	10/22/18 11:10	156-59-2	L5
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 11:10	156-60-5	L5,W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 11:10	78-87-5	L5,W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 11:10	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 11:10	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 11:10	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 11:10	10061-01-5	L5,W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 11:10	10061-02-6	L5,W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 11:10	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 11:10	100-41-4	L5,W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 11:10	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 11:10	98-82-8	L5,W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 11:10	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 11:10	75-09-2	L5,W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 11:10	1634-04-4	L5,W
Naphthalene	<40.0	ug/kg	250	40.0	1	10/19/18 08:00	10/22/18 11:10	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 11:10	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 11:10	100-42-5	L5,W

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### ANALYTICAL RESULTS

Project: 16-1304 BAY TOWEL

Pace Project No.: 40177343

**Sample: B-108 10'**      **Lab ID: 40177343032**      Collected: 10/09/18 13:22      Received: 10/09/18 14:30      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
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 11:10	630-20-6	W
1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 11:10	79-34-5	L5,W
Tetrachloroethene	397	ug/kg	85.9	35.8	1	10/19/18 08:00	10/22/18 11:10	127-18-4	L5
Toluene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 11:10	108-88-3	L5,W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 11:10	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	10/19/18 08:00	10/22/18 11:10	120-82-1	L5,W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 11:10	71-55-6	L5,W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 11:10	79-00-5	L5,W
Trichloroethene	98.9	ug/kg	85.9	35.8	1	10/19/18 08:00	10/22/18 11:10	79-01-6	L5
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 11:10	75-69-4	L5,W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 11:10	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 11:10	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 11:10	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 11:10	75-01-4	L5,W
m&p-Xylene	<50.0	ug/kg	120	50.0	1	10/19/18 08:00	10/22/18 11:10	179601-23-1	L5,W
o-Xylene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 11:10	95-47-6	L5,W
<b>Surrogates</b>									
Dibromofluoromethane (S)	99	%	57-148		1	10/19/18 08:00	10/22/18 11:10	1868-53-7	
Toluene-d8 (S)	102	%	58-142		1	10/19/18 08:00	10/22/18 11:10	2037-26-5	
4-Bromofluorobenzene (S)	96	%	48-130		1	10/19/18 08:00	10/22/18 11:10	460-00-4	
<b>Percent Moisture</b>		Analytical Method: ASTM D2974-87							
Percent Moisture	30.1	%	0.10	0.10	1		10/18/18 15:12		

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## ANALYTICAL RESULTS

Project: 16-1304 BAY TOWEL

Pace Project No.: 40177343

Sample: B-109 2' Lab ID: 40177343033 Collected: 10/09/18 12:54 Received: 10/09/18 14:30 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
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
Benzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 11:34	71-43-2	L5,W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 11:34	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 11:34	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 11:34	75-27-4	L5,W
Bromoform	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 11:34	75-25-2	L5,W
Bromomethane	<69.9	ug/kg	250	69.9	1	10/19/18 08:00	10/22/18 11:34	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 11:34	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 11:34	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 11:34	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 11:34	56-23-5	L5,W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 11:34	108-90-7	L5,W
Chloroethane	<67.0	ug/kg	250	67.0	1	10/19/18 08:00	10/22/18 11:34	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	10/19/18 08:00	10/22/18 11:34	67-66-3	L5,W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 11:34	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 11:34	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 11:34	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	10/19/18 08:00	10/22/18 11:34	96-12-8	L5,W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 11:34	124-48-1	L5,W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 11:34	106-93-4	L5,W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 11:34	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 11:34	95-50-1	L5,W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 11:34	541-73-1	L5,W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 11:34	106-46-7	L5,W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 11:34	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 11:34	75-34-3	L5,W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 11:34	107-06-2	L5,W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 11:34	75-35-4	L5,W
cis-1,2-Dichloroethene	31.9J	ug/kg	66.7	27.8	1	10/19/18 08:00	10/22/18 11:34	156-59-2	L5
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 11:34	156-60-5	L5,W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 11:34	78-87-5	L5,W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 11:34	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 11:34	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 11:34	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 11:34	10061-01-5	L5,W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 11:34	10061-02-6	L5,W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 11:34	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 11:34	100-41-4	L5,W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 11:34	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 11:34	98-82-8	L5,W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 11:34	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 11:34	75-09-2	L5,W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 11:34	1634-04-4	L5,W
Naphthalene	<40.0	ug/kg	250	40.0	1	10/19/18 08:00	10/22/18 11:34	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 11:34	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 11:34	100-42-5	L5,W

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### ANALYTICAL RESULTS

Project: 16-1304 BAY TOWEL

Pace Project No.: 40177343

**Sample: B-109 2'**      **Lab ID: 40177343033**      Collected: 10/09/18 12:54      Received: 10/09/18 14:30      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
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 11:34	630-20-6	W
1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 11:34	79-34-5	L5,W
Tetrachloroethene	321	ug/kg	66.7	27.8	1	10/19/18 08:00	10/22/18 11:34	127-18-4	L5
Toluene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 11:34	108-88-3	L5,W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 11:34	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	10/19/18 08:00	10/22/18 11:34	120-82-1	L5,W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 11:34	71-55-6	L5,W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 11:34	79-00-5	L5,W
Trichloroethene	75.9	ug/kg	66.7	27.8	1	10/19/18 08:00	10/22/18 11:34	79-01-6	L5
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 11:34	75-69-4	L5,W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 11:34	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 11:34	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 11:34	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:00	10/22/18 11:34	75-01-4	L5,W
m&p-Xylene	60.8J	ug/kg	133	55.6	1	10/19/18 08:00	10/22/18 11:34	179601-23-1	L5
o-Xylene	28.8J	ug/kg	66.7	27.8	1	10/19/18 08:00	10/22/18 11:34	95-47-6	L5
<b>Surrogates</b>									
Dibromofluoromethane (S)	115	%	57-148		1	10/19/18 08:00	10/22/18 11:34	1868-53-7	
Toluene-d8 (S)	114	%	58-142		1	10/19/18 08:00	10/22/18 11:34	2037-26-5	
4-Bromofluorobenzene (S)	115	%	48-130		1	10/19/18 08:00	10/22/18 11:34	460-00-4	
<b>Percent Moisture</b>		Analytical Method: ASTM D2974-87							
Percent Moisture	10.0	%	0.10	0.10	1		10/18/18 15:12		

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## ANALYTICAL RESULTS

Project: 16-1304 BAY TOWEL

Pace Project No.: 40177343

Sample: B-109 5' Lab ID: 40177343034 Collected: 10/09/18 12:56 Received: 10/09/18 14:30 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
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
Benzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 15:12	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 15:12	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 15:12	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 15:12	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 15:12	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	10/19/18 08:15	10/19/18 15:12	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 15:12	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 15:12	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 15:12	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 15:12	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 15:12	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	10/19/18 08:15	10/19/18 15:12	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	10/19/18 08:15	10/19/18 15:12	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 15:12	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 15:12	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 15:12	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	10/19/18 08:15	10/19/18 15:12	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 15:12	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 15:12	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 15:12	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 15:12	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 15:12	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 15:12	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 15:12	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 15:12	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 15:12	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 15:12	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 15:12	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 15:12	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 15:12	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 15:12	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 15:12	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 15:12	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 15:12	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 15:12	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 15:12	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 15:12	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 15:12	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 15:12	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 15:12	99-87-6	W
Methylene Chloride	40.6J	ug/kg	66.5	27.7	1	10/19/18 08:15	10/19/18 15:12	75-09-2	
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 15:12	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	10/19/18 08:15	10/19/18 15:12	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 15:12	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 15:12	100-42-5	W

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### ANALYTICAL RESULTS

Project: 16-1304 BAY TOWEL

Pace Project No.: 40177343

**Sample: B-109 5'**      **Lab ID: 40177343034**      Collected: 10/09/18 12:56      Received: 10/09/18 14:30      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
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 15:12	630-20-6	W
1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 15:12	79-34-5	W
Tetrachloroethene	828	ug/kg	66.5	27.7	1	10/19/18 08:15	10/19/18 15:12	127-18-4	
Toluene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 15:12	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 15:12	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	10/19/18 08:15	10/19/18 15:12	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 15:12	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 15:12	79-00-5	W
Trichloroethene	79.3	ug/kg	66.5	27.7	1	10/19/18 08:15	10/19/18 15:12	79-01-6	
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 15:12	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 15:12	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 15:12	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 15:12	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 15:12	75-01-4	W
m&p-Xylene	<50.0	ug/kg	120	50.0	1	10/19/18 08:15	10/19/18 15:12	179601-23-1	W
o-Xylene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 15:12	95-47-6	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	108	%	57-148		1	10/19/18 08:15	10/19/18 15:12	1868-53-7	
Toluene-d8 (S)	104	%	58-142		1	10/19/18 08:15	10/19/18 15:12	2037-26-5	
4-Bromofluorobenzene (S)	105	%	48-130		1	10/19/18 08:15	10/19/18 15:12	460-00-4	
<b>Percent Moisture</b>		Analytical Method: ASTM D2974-87							
Percent Moisture	9.8	%	0.10	0.10	1		10/18/18 15:12		

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## ANALYTICAL RESULTS

Project: 16-1304 BAY TOWEL

Pace Project No.: 40177343

**Sample: B-110 2'**      **Lab ID: 40177343037**      Collected: 10/09/18 12:30      Received: 10/09/18 14:30      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
<b>8260 MSV Med Level Normal List</b> Analytical Method: EPA 8260      Preparation Method: EPA 5035/5030B									
Benzene	<b>34.6J</b>	ug/kg	69.5	29.0	1	10/19/18 08:15	10/19/18 14:48	71-43-2	
Bromobenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 14:48	108-86-1	W
Bromochloromethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 14:48	74-97-5	W
Bromodichloromethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 14:48	75-27-4	W
Bromoform	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 14:48	75-25-2	W
Bromomethane	<b>&lt;69.9</b>	ug/kg	250	69.9	1	10/19/18 08:15	10/19/18 14:48	74-83-9	W
n-Butylbenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 14:48	104-51-8	W
sec-Butylbenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 14:48	135-98-8	W
tert-Butylbenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 14:48	98-06-6	W
Carbon tetrachloride	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 14:48	56-23-5	W
Chlorobenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 14:48	108-90-7	W
Chloroethane	<b>&lt;67.0</b>	ug/kg	250	67.0	1	10/19/18 08:15	10/19/18 14:48	75-00-3	W
Chloroform	<b>&lt;46.4</b>	ug/kg	250	46.4	1	10/19/18 08:15	10/19/18 14:48	67-66-3	W
Chloromethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 14:48	74-87-3	W
2-Chlorotoluene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 14:48	95-49-8	W
4-Chlorotoluene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 14:48	106-43-4	W
1,2-Dibromo-3-chloropropane	<b>&lt;91.2</b>	ug/kg	250	91.2	1	10/19/18 08:15	10/19/18 14:48	96-12-8	W
Dibromochloromethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 14:48	124-48-1	W
1,2-Dibromoethane (EDB)	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 14:48	106-93-4	W
Dibromomethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 14:48	74-95-3	W
1,2-Dichlorobenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 14:48	95-50-1	W
1,3-Dichlorobenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 14:48	541-73-1	W
1,4-Dichlorobenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 14:48	106-46-7	W
Dichlorodifluoromethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 14:48	75-71-8	W
1,1-Dichloroethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 14:48	75-34-3	W
1,2-Dichloroethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 14:48	107-06-2	W
1,1-Dichloroethene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 14:48	75-35-4	W
cis-1,2-Dichloroethene	<b>46.1J</b>	ug/kg	69.5	29.0	1	10/19/18 08:15	10/19/18 14:48	156-59-2	
trans-1,2-Dichloroethene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 14:48	156-60-5	W
1,2-Dichloropropane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 14:48	78-87-5	W
1,3-Dichloropropane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 14:48	142-28-9	W
2,2-Dichloropropane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 14:48	594-20-7	W
1,1-Dichloropropene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 14:48	563-58-6	W
cis-1,3-Dichloropropene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 14:48	10061-01-5	W
trans-1,3-Dichloropropene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 14:48	10061-02-6	W
Diisopropyl ether	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 14:48	108-20-3	W
Ethylbenzene	<b>38.1J</b>	ug/kg	69.5	29.0	1	10/19/18 08:15	10/19/18 14:48	100-41-4	
Hexachloro-1,3-butadiene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 14:48	87-68-3	W
Isopropylbenzene (Cumene)	<b>35.5J</b>	ug/kg	69.5	29.0	1	10/19/18 08:15	10/19/18 14:48	98-82-8	
p-Isopropyltoluene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 14:48	99-87-6	W
Methylene Chloride	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 14:48	75-09-2	W
Methyl-tert-butyl ether	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 14:48	1634-04-4	W
Naphthalene	<b>547</b>	ug/kg	290	46.4	1	10/19/18 08:15	10/19/18 14:48	91-20-3	
n-Propylbenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 14:48	103-65-1	W
Styrene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 14:48	100-42-5	W

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### ANALYTICAL RESULTS

Project: 16-1304 BAY TOWEL

Pace Project No.: 40177343

**Sample: B-110 2'**      **Lab ID: 40177343037**      Collected: 10/09/18 12:30      Received: 10/09/18 14:30      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
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 14:48	630-20-6	W
1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 14:48	79-34-5	W
Tetrachloroethene	2490	ug/kg	69.5	29.0	1	10/19/18 08:15	10/19/18 14:48	127-18-4	
Toluene	148	ug/kg	69.5	29.0	1	10/19/18 08:15	10/19/18 14:48	108-88-3	
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 14:48	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	10/19/18 08:15	10/19/18 14:48	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 14:48	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 14:48	79-00-5	W
Trichloroethene	412	ug/kg	69.5	29.0	1	10/19/18 08:15	10/19/18 14:48	79-01-6	
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 14:48	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 14:48	96-18-4	W
1,2,4-Trimethylbenzene	220	ug/kg	69.5	29.0	1	10/19/18 08:15	10/19/18 14:48	95-63-6	
1,3,5-Trimethylbenzene	60.9J	ug/kg	69.5	29.0	1	10/19/18 08:15	10/19/18 14:48	108-67-8	
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 14:48	75-01-4	W
m&p-Xylene	251	ug/kg	139	57.9	1	10/19/18 08:15	10/19/18 14:48	179601-23-1	
o-Xylene	202	ug/kg	69.5	29.0	1	10/19/18 08:15	10/19/18 14:48	95-47-6	
<b>Surrogates</b>									
Dibromofluoromethane (S)	111	%	57-148		1	10/19/18 08:15	10/19/18 14:48	1868-53-7	
Toluene-d8 (S)	105	%	58-142		1	10/19/18 08:15	10/19/18 14:48	2037-26-5	
4-Bromofluorobenzene (S)	104	%	48-130		1	10/19/18 08:15	10/19/18 14:48	460-00-4	
<b>Percent Moisture</b>									
Analytical Method: ASTM D2974-87									
Percent Moisture	13.7	%	0.10	0.10	1		10/18/18 15:12		

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## ANALYTICAL RESULTS

Project: 16-1304 BAY TOWEL

Pace Project No.: 40177343

**Sample: B-110 5'** Lab ID: **40177343038** Collected: 10/09/18 12:32 Received: 10/09/18 14:30 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
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Benzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 15:35	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 15:35	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 15:35	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 15:35	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 15:35	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	10/19/18 08:15	10/19/18 15:35	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 15:35	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 15:35	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 15:35	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 15:35	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 15:35	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	10/19/18 08:15	10/19/18 15:35	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	10/19/18 08:15	10/19/18 15:35	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 15:35	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 15:35	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 15:35	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	10/19/18 08:15	10/19/18 15:35	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 15:35	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 15:35	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 15:35	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 15:35	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 15:35	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 15:35	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 15:35	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 15:35	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 15:35	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 15:35	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 15:35	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 15:35	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 15:35	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 15:35	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 15:35	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 15:35	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 15:35	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 15:35	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 15:35	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 15:35	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 15:35	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 15:35	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 15:35	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 15:35	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 15:35	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	10/19/18 08:15	10/19/18 15:35	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 15:35	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 15:35	100-42-5	W

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### ANALYTICAL RESULTS

Project: 16-1304 BAY TOWEL

Pace Project No.: 40177343

**Sample: B-110 5'**      **Lab ID: 40177343038**      Collected: 10/09/18 12:32      Received: 10/09/18 14:30      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
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 15:35	630-20-6	W
1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 15:35	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 15:35	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 15:35	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 15:35	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	10/19/18 08:15	10/19/18 15:35	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 15:35	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 15:35	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 15:35	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 15:35	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 15:35	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 15:35	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 15:35	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 15:35	75-01-4	W
m&p-Xylene	<50.0	ug/kg	120	50.0	1	10/19/18 08:15	10/19/18 15:35	179601-23-1	W
o-Xylene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 15:35	95-47-6	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	99	%	57-148		1	10/19/18 08:15	10/19/18 15:35	1868-53-7	
Toluene-d8 (S)	96	%	58-142		1	10/19/18 08:15	10/19/18 15:35	2037-26-5	
4-Bromofluorobenzene (S)	99	%	48-130		1	10/19/18 08:15	10/19/18 15:35	460-00-4	
<b>Percent Moisture</b>									
Analytical Method: ASTM D2974-87									
Percent Moisture	12.2	%	0.10	0.10	1		10/18/18 15:12		

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## ANALYTICAL RESULTS

Project: 16-1304 BAY TOWEL

Pace Project No.: 40177343

Sample: B-113 2' Lab ID: 40177343049 Collected: 10/09/18 09:46 Received: 10/09/18 14:30 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
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Benzene	<25.5	ug/kg	61.2	25.5	1	10/19/18 08:15	10/19/18 18:06	71-43-2	W
Bromobenzene	<25.5	ug/kg	61.2	25.5	1	10/19/18 08:15	10/19/18 18:06	108-86-1	W
Bromochloromethane	<25.5	ug/kg	61.2	25.5	1	10/19/18 08:15	10/19/18 18:06	74-97-5	W
Bromodichloromethane	<25.5	ug/kg	61.2	25.5	1	10/19/18 08:15	10/19/18 18:06	75-27-4	W
Bromoform	<25.5	ug/kg	61.2	25.5	1	10/19/18 08:15	10/19/18 18:06	75-25-2	W
Bromomethane	<71.3	ug/kg	255	71.3	1	10/19/18 08:15	10/19/18 18:06	74-83-9	W
n-Butylbenzene	29.6J	ug/kg	69.0	28.7	1	10/19/18 08:15	10/19/18 18:06	104-51-8	
sec-Butylbenzene	<25.5	ug/kg	61.2	25.5	1	10/19/18 08:15	10/19/18 18:06	135-98-8	W
tert-Butylbenzene	<25.5	ug/kg	61.2	25.5	1	10/19/18 08:15	10/19/18 18:06	98-06-6	W
Carbon tetrachloride	<25.5	ug/kg	61.2	25.5	1	10/19/18 08:15	10/19/18 18:06	56-23-5	W
Chlorobenzene	<25.5	ug/kg	61.2	25.5	1	10/19/18 08:15	10/19/18 18:06	108-90-7	W
Chloroethane	<68.4	ug/kg	255	68.4	1	10/19/18 08:15	10/19/18 18:06	75-00-3	W
Chloroform	<47.4	ug/kg	255	47.4	1	10/19/18 08:15	10/19/18 18:06	67-66-3	W
Chloromethane	<25.5	ug/kg	61.2	25.5	1	10/19/18 08:15	10/19/18 18:06	74-87-3	W
2-Chlorotoluene	<25.5	ug/kg	61.2	25.5	1	10/19/18 08:15	10/19/18 18:06	95-49-8	W
4-Chlorotoluene	<25.5	ug/kg	61.2	25.5	1	10/19/18 08:15	10/19/18 18:06	106-43-4	W
1,2-Dibromo-3-chloropropane	<93.1	ug/kg	255	93.1	1	10/19/18 08:15	10/19/18 18:06	96-12-8	W
Dibromochloromethane	<25.5	ug/kg	61.2	25.5	1	10/19/18 08:15	10/19/18 18:06	124-48-1	W
1,2-Dibromoethane (EDB)	<25.5	ug/kg	61.2	25.5	1	10/19/18 08:15	10/19/18 18:06	106-93-4	W
Dibromomethane	<25.5	ug/kg	61.2	25.5	1	10/19/18 08:15	10/19/18 18:06	74-95-3	W
1,2-Dichlorobenzene	<25.5	ug/kg	61.2	25.5	1	10/19/18 08:15	10/19/18 18:06	95-50-1	W
1,3-Dichlorobenzene	<25.5	ug/kg	61.2	25.5	1	10/19/18 08:15	10/19/18 18:06	541-73-1	W
1,4-Dichlorobenzene	<25.5	ug/kg	61.2	25.5	1	10/19/18 08:15	10/19/18 18:06	106-46-7	W
Dichlorodifluoromethane	<25.5	ug/kg	61.2	25.5	1	10/19/18 08:15	10/19/18 18:06	75-71-8	W
1,1-Dichloroethane	<25.5	ug/kg	61.2	25.5	1	10/19/18 08:15	10/19/18 18:06	75-34-3	W
1,2-Dichloroethane	<25.5	ug/kg	61.2	25.5	1	10/19/18 08:15	10/19/18 18:06	107-06-2	W
1,1-Dichloroethene	<25.5	ug/kg	61.2	25.5	1	10/19/18 08:15	10/19/18 18:06	75-35-4	W
cis-1,2-Dichloroethene	85.8	ug/kg	69.0	28.7	1	10/19/18 08:15	10/19/18 18:06	156-59-2	
trans-1,2-Dichloroethene	28.8J	ug/kg	69.0	28.7	1	10/19/18 08:15	10/19/18 18:06	156-60-5	
1,2-Dichloropropane	<25.5	ug/kg	61.2	25.5	1	10/19/18 08:15	10/19/18 18:06	78-87-5	W
1,3-Dichloropropane	<25.5	ug/kg	61.2	25.5	1	10/19/18 08:15	10/19/18 18:06	142-28-9	W
2,2-Dichloropropane	<25.5	ug/kg	61.2	25.5	1	10/19/18 08:15	10/19/18 18:06	594-20-7	W
1,1-Dichloropropene	<25.5	ug/kg	61.2	25.5	1	10/19/18 08:15	10/19/18 18:06	563-58-6	W
cis-1,3-Dichloropropene	<25.5	ug/kg	61.2	25.5	1	10/19/18 08:15	10/19/18 18:06	10061-01-5	W
trans-1,3-Dichloropropene	<25.5	ug/kg	61.2	25.5	1	10/19/18 08:15	10/19/18 18:06	10061-02-6	W
Diisopropyl ether	<25.5	ug/kg	61.2	25.5	1	10/19/18 08:15	10/19/18 18:06	108-20-3	W
Ethylbenzene	<25.5	ug/kg	61.2	25.5	1	10/19/18 08:15	10/19/18 18:06	100-41-4	W
Hexachloro-1,3-butadiene	<25.5	ug/kg	61.2	25.5	1	10/19/18 08:15	10/19/18 18:06	87-68-3	W
Isopropylbenzene (Cumene)	<25.5	ug/kg	61.2	25.5	1	10/19/18 08:15	10/19/18 18:06	98-82-8	W
p-Isopropyltoluene	<25.5	ug/kg	61.2	25.5	1	10/19/18 08:15	10/19/18 18:06	99-87-6	W
Methylene Chloride	<25.5	ug/kg	61.2	25.5	1	10/19/18 08:15	10/19/18 18:06	75-09-2	W
Methyl-tert-butyl ether	<25.5	ug/kg	61.2	25.5	1	10/19/18 08:15	10/19/18 18:06	1634-04-4	W
Naphthalene	97.1J	ug/kg	287	46.0	1	10/19/18 08:15	10/19/18 18:06	91-20-3	
n-Propylbenzene	<25.5	ug/kg	61.2	25.5	1	10/19/18 08:15	10/19/18 18:06	103-65-1	W
Styrene	<25.5	ug/kg	61.2	25.5	1	10/19/18 08:15	10/19/18 18:06	100-42-5	W

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## ANALYTICAL RESULTS

Project: 16-1304 BAY TOWEL

Pace Project No.: 40177343

**Sample: B-113 2'**      **Lab ID: 40177343049**      Collected: 10/09/18 09:46      Received: 10/09/18 14:30      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
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
1,1,1,2-Tetrachloroethane	<25.5	ug/kg	61.2	25.5	1	10/19/18 08:15	10/19/18 18:06	630-20-6	W
1,1,2,2-Tetrachloroethane	<25.5	ug/kg	61.2	25.5	1	10/19/18 08:15	10/19/18 18:06	79-34-5	W
Tetrachloroethene	788	ug/kg	69.0	28.7	1	10/19/18 08:15	10/19/18 18:06	127-18-4	
Toluene	64.4J	ug/kg	69.0	28.7	1	10/19/18 08:15	10/19/18 18:06	108-88-3	
1,2,3-Trichlorobenzene	<25.5	ug/kg	61.2	25.5	1	10/19/18 08:15	10/19/18 18:06	87-61-6	W
1,2,4-Trichlorobenzene	<48.5	ug/kg	255	48.5	1	10/19/18 08:15	10/19/18 18:06	120-82-1	W
1,1,1-Trichloroethane	<25.5	ug/kg	61.2	25.5	1	10/19/18 08:15	10/19/18 18:06	71-55-6	W
1,1,2-Trichloroethane	<25.5	ug/kg	61.2	25.5	1	10/19/18 08:15	10/19/18 18:06	79-00-5	W
Trichloroethene	<25.5	ug/kg	61.2	25.5	1	10/19/18 08:15	10/19/18 18:06	79-01-6	W
Trichlorofluoromethane	<25.5	ug/kg	61.2	25.5	1	10/19/18 08:15	10/19/18 18:06	75-69-4	W
1,2,3-Trichloropropane	<25.5	ug/kg	61.2	25.5	1	10/19/18 08:15	10/19/18 18:06	96-18-4	W
1,2,4-Trimethylbenzene	73.1	ug/kg	69.0	28.7	1	10/19/18 08:15	10/19/18 18:06	95-63-6	
1,3,5-Trimethylbenzene	37.6J	ug/kg	69.0	28.7	1	10/19/18 08:15	10/19/18 18:06	108-67-8	
Vinyl chloride	<25.5	ug/kg	61.2	25.5	1	10/19/18 08:15	10/19/18 18:06	75-01-4	W
m&p-Xylene	99.1J	ug/kg	138	57.5	1	10/19/18 08:15	10/19/18 18:06	179601-23-1	
o-Xylene	63.4J	ug/kg	69.0	28.7	1	10/19/18 08:15	10/19/18 18:06	95-47-6	
<b>Surrogates</b>									
Dibromofluoromethane (S)	107	%	57-148		1	10/19/18 08:15	10/19/18 18:06	1868-53-7	
Toluene-d8 (S)	106	%	58-142		1	10/19/18 08:15	10/19/18 18:06	2037-26-5	
4-Bromofluorobenzene (S)	107	%	48-130		1	10/19/18 08:15	10/19/18 18:06	460-00-4	
<b>Percent Moisture</b>									
Analytical Method: ASTM D2974-87									
Percent Moisture	11.2	%	0.10	0.10	1		10/18/18 15:13		

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## ANALYTICAL RESULTS

Project: 16-1304 BAY TOWEL

Pace Project No.: 40177343

**Sample: B-113 5'** Lab ID: **40177343050** Collected: 10/09/18 09:48 Received: 10/09/18 14:30 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
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
Benzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 18:29	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 18:29	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 18:29	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 18:29	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 18:29	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	10/19/18 08:15	10/19/18 18:29	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 18:29	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 18:29	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 18:29	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 18:29	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 18:29	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	10/19/18 08:15	10/19/18 18:29	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	10/19/18 08:15	10/19/18 18:29	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 18:29	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 18:29	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 18:29	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	10/19/18 08:15	10/19/18 18:29	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 18:29	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 18:29	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 18:29	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 18:29	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 18:29	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 18:29	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 18:29	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 18:29	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 18:29	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 18:29	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 18:29	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 18:29	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 18:29	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 18:29	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 18:29	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 18:29	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 18:29	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 18:29	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 18:29	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 18:29	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 18:29	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 18:29	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 18:29	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 18:29	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 18:29	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	10/19/18 08:15	10/19/18 18:29	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 18:29	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 18:29	100-42-5	W

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### ANALYTICAL RESULTS

Project: 16-1304 BAY TOWEL

Pace Project No.: 40177343

**Sample: B-113 5'**      **Lab ID: 40177343050**      Collected: 10/09/18 09:48      Received: 10/09/18 14:30      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
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 18:29	630-20-6	W
1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 18:29	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 18:29	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 18:29	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 18:29	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	10/19/18 08:15	10/19/18 18:29	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 18:29	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 18:29	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 18:29	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 18:29	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 18:29	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 18:29	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 18:29	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 18:29	75-01-4	W
m&p-Xylene	<50.0	ug/kg	120	50.0	1	10/19/18 08:15	10/19/18 18:29	179601-23-1	W
o-Xylene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 18:29	95-47-6	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	101	%	57-148		1	10/19/18 08:15	10/19/18 18:29	1868-53-7	
Toluene-d8 (S)	104	%	58-142		1	10/19/18 08:15	10/19/18 18:29	2037-26-5	
4-Bromofluorobenzene (S)	103	%	48-130		1	10/19/18 08:15	10/19/18 18:29	460-00-4	
<b>Percent Moisture</b>		Analytical Method: ASTM D2974-87							
Percent Moisture	11.1	%	0.10	0.10	1		10/18/18 15:13		

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### ANALYTICAL RESULTS

Project: 16-1304 BAY TOWEL

Pace Project No.: 40177343

**Sample: B-114 2'** Lab ID: **40177343053** Collected: 10/09/18 09:34 Received: 10/09/18 14:30 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
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
Benzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 18:52	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 18:52	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 18:52	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 18:52	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 18:52	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	10/19/18 08:15	10/19/18 18:52	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 18:52	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 18:52	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 18:52	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 18:52	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 18:52	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	10/19/18 08:15	10/19/18 18:52	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	10/19/18 08:15	10/19/18 18:52	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 18:52	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 18:52	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 18:52	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	10/19/18 08:15	10/19/18 18:52	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 18:52	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 18:52	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 18:52	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 18:52	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 18:52	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 18:52	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 18:52	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 18:52	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 18:52	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 18:52	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 18:52	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 18:52	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 18:52	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 18:52	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 18:52	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 18:52	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 18:52	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 18:52	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 18:52	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 18:52	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 18:52	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 18:52	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 18:52	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 18:52	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 18:52	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	10/19/18 08:15	10/19/18 18:52	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 18:52	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 18:52	100-42-5	W

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### ANALYTICAL RESULTS

Project: 16-1304 BAY TOWEL

Pace Project No.: 40177343

**Sample: B-114 2'**      **Lab ID: 40177343053**      Collected: 10/09/18 09:34      Received: 10/09/18 14:30      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
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 18:52	630-20-6	W
1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 18:52	79-34-5	W
Tetrachloroethene	1500	ug/kg	66.9	27.9	1	10/19/18 08:15	10/19/18 18:52	127-18-4	
Toluene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 18:52	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 18:52	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	10/19/18 08:15	10/19/18 18:52	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 18:52	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 18:52	79-00-5	W
Trichloroethene	36.4J	ug/kg	66.9	27.9	1	10/19/18 08:15	10/19/18 18:52	79-01-6	
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 18:52	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 18:52	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 18:52	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 18:52	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 18:52	75-01-4	W
m&p-Xylene	<50.0	ug/kg	120	50.0	1	10/19/18 08:15	10/19/18 18:52	179601-23-1	W
o-Xylene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 18:52	95-47-6	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	107	%	57-148		1	10/19/18 08:15	10/19/18 18:52	1868-53-7	
Toluene-d8 (S)	110	%	58-142		1	10/19/18 08:15	10/19/18 18:52	2037-26-5	
4-Bromofluorobenzene (S)	108	%	48-130		1	10/19/18 08:15	10/19/18 18:52	460-00-4	
<b>Percent Moisture</b>									
Analytical Method: ASTM D2974-87									
Percent Moisture	10.3	%	0.10	0.10	1		10/18/18 15:13		

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## ANALYTICAL RESULTS

Project: 16-1304 BAY TOWEL

Pace Project No.: 40177343

Sample: B-114 5' Lab ID: 40177343054 Collected: 10/09/18 09:36 Received: 10/09/18 14:30 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
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
Benzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 19:15	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 19:15	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 19:15	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 19:15	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 19:15	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	10/19/18 08:15	10/19/18 19:15	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 19:15	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 19:15	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 19:15	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 19:15	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 19:15	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	10/19/18 08:15	10/19/18 19:15	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	10/19/18 08:15	10/19/18 19:15	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 19:15	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 19:15	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 19:15	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	10/19/18 08:15	10/19/18 19:15	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 19:15	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 19:15	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 19:15	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 19:15	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 19:15	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 19:15	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 19:15	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 19:15	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 19:15	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 19:15	75-35-4	W
cis-1,2-Dichloroethene	244	ug/kg	67.1	27.9	1	10/19/18 08:15	10/19/18 19:15	156-59-2	
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 19:15	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 19:15	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 19:15	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 19:15	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 19:15	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 19:15	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 19:15	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 19:15	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 19:15	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 19:15	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 19:15	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 19:15	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 19:15	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 19:15	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	10/19/18 08:15	10/19/18 19:15	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 19:15	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 19:15	100-42-5	W

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### ANALYTICAL RESULTS

Project: 16-1304 BAY TOWEL

Pace Project No.: 40177343

**Sample: B-114 5'**      **Lab ID: 40177343054**      Collected: 10/09/18 09:36      Received: 10/09/18 14:30      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
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 19:15	630-20-6	W
1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 19:15	79-34-5	W
Tetrachloroethene	1220	ug/kg	67.1	27.9	1	10/19/18 08:15	10/19/18 19:15	127-18-4	
Toluene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 19:15	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 19:15	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	10/19/18 08:15	10/19/18 19:15	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 19:15	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 19:15	79-00-5	W
Trichloroethene	334	ug/kg	67.1	27.9	1	10/19/18 08:15	10/19/18 19:15	79-01-6	
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 19:15	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 19:15	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 19:15	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 19:15	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 19:15	75-01-4	W
m&p-Xylene	<50.0	ug/kg	120	50.0	1	10/19/18 08:15	10/19/18 19:15	179601-23-1	W
o-Xylene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 19:15	95-47-6	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	108	%	57-148		1	10/19/18 08:15	10/19/18 19:15	1868-53-7	
Toluene-d8 (S)	100	%	58-142		1	10/19/18 08:15	10/19/18 19:15	2037-26-5	
4-Bromofluorobenzene (S)	103	%	48-130		1	10/19/18 08:15	10/19/18 19:15	460-00-4	
<b>Percent Moisture</b>		Analytical Method: ASTM D2974-87							
Percent Moisture	10.5	%	0.10	0.10	1		10/18/18 15:13		

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## ANALYTICAL RESULTS

Project: 16-1304 BAY TOWEL

Pace Project No.: 40177343

**Sample: B-115 2'**      **Lab ID: 40177343057**      Collected: 10/09/18 09:00      Received: 10/09/18 14:30      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
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
Benzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 19:38	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 19:38	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 19:38	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 19:38	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 19:38	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	10/19/18 08:15	10/19/18 19:38	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 19:38	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 19:38	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 19:38	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 19:38	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 19:38	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	10/19/18 08:15	10/19/18 19:38	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	10/19/18 08:15	10/19/18 19:38	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 19:38	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 19:38	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 19:38	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	10/19/18 08:15	10/19/18 19:38	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 19:38	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 19:38	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 19:38	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 19:38	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 19:38	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 19:38	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 19:38	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 19:38	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 19:38	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 19:38	75-35-4	W
cis-1,2-Dichloroethene	60.3J	ug/kg	66.0	27.5	1	10/19/18 08:15	10/19/18 19:38	156-59-2	
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 19:38	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 19:38	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 19:38	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 19:38	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 19:38	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 19:38	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 19:38	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 19:38	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 19:38	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 19:38	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 19:38	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 19:38	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 19:38	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 19:38	1634-04-4	W
Naphthalene	86.5J	ug/kg	275	44.0	1	10/19/18 08:15	10/19/18 19:38	91-20-3	
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 19:38	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 19:38	100-42-5	W

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## ANALYTICAL RESULTS

Project: 16-1304 BAY TOWEL

Pace Project No.: 40177343

**Sample: B-115 2'**      **Lab ID: 40177343057**      Collected: 10/09/18 09:00      Received: 10/09/18 14:30      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
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 19:38	630-20-6	W
1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 19:38	79-34-5	W
Tetrachloroethene	1880	ug/kg	66.0	27.5	1	10/19/18 08:15	10/19/18 19:38	127-18-4	
Toluene	45.8J	ug/kg	66.0	27.5	1	10/19/18 08:15	10/19/18 19:38	108-88-3	
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 19:38	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	10/19/18 08:15	10/19/18 19:38	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 19:38	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 19:38	79-00-5	W
Trichloroethene	142	ug/kg	66.0	27.5	1	10/19/18 08:15	10/19/18 19:38	79-01-6	
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 19:38	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 19:38	96-18-4	W
1,2,4-Trimethylbenzene	66.3	ug/kg	66.0	27.5	1	10/19/18 08:15	10/19/18 19:38	95-63-6	
1,3,5-Trimethylbenzene	30.1J	ug/kg	66.0	27.5	1	10/19/18 08:15	10/19/18 19:38	108-67-8	
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 19:38	75-01-4	W
m&p-Xylene	100J	ug/kg	132	55.0	1	10/19/18 08:15	10/19/18 19:38	179601-23-1	
o-Xylene	76.8	ug/kg	66.0	27.5	1	10/19/18 08:15	10/19/18 19:38	95-47-6	
<b>Surrogates</b>									
Dibromofluoromethane (S)	105	%	57-148		1	10/19/18 08:15	10/19/18 19:38	1868-53-7	
Toluene-d8 (S)	110	%	58-142		1	10/19/18 08:15	10/19/18 19:38	2037-26-5	
4-Bromofluorobenzene (S)	113	%	48-130		1	10/19/18 08:15	10/19/18 19:38	460-00-4	
<b>Percent Moisture</b>									
Analytical Method: ASTM D2974-87									
Percent Moisture	9.1	%	0.10	0.10	1		10/18/18 15:13		

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## ANALYTICAL RESULTS

Project: 16-1304 BAY TOWEL

Pace Project No.: 40177343

Sample: B-115 5' Lab ID: 40177343058 Collected: 10/09/18 09:02 Received: 10/09/18 14:30 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
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Benzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 20:01	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 20:01	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 20:01	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 20:01	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 20:01	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	10/19/18 08:15	10/19/18 20:01	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 20:01	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 20:01	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 20:01	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 20:01	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 20:01	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	10/19/18 08:15	10/19/18 20:01	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	10/19/18 08:15	10/19/18 20:01	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 20:01	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 20:01	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 20:01	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	10/19/18 08:15	10/19/18 20:01	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 20:01	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 20:01	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 20:01	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 20:01	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 20:01	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 20:01	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 20:01	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 20:01	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 20:01	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 20:01	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 20:01	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 20:01	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 20:01	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 20:01	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 20:01	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 20:01	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 20:01	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 20:01	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 20:01	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 20:01	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 20:01	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 20:01	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 20:01	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 20:01	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 20:01	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	10/19/18 08:15	10/19/18 20:01	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 20:01	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 20:01	100-42-5	W

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### ANALYTICAL RESULTS

Project: 16-1304 BAY TOWEL  
Pace Project No.: 40177343

**Sample: B-115 5'**      **Lab ID: 40177343058**      Collected: 10/09/18 09:02      Received: 10/09/18 14:30      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
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 20:01	630-20-6	W
1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 20:01	79-34-5	W
Tetrachloroethene	118	ug/kg	65.5	27.3	1	10/19/18 08:15	10/19/18 20:01	127-18-4	
Toluene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 20:01	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 20:01	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	10/19/18 08:15	10/19/18 20:01	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 20:01	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 20:01	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 20:01	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 20:01	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 20:01	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 20:01	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 20:01	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 20:01	75-01-4	W
m&p-Xylene	<50.0	ug/kg	120	50.0	1	10/19/18 08:15	10/19/18 20:01	179601-23-1	W
o-Xylene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 20:01	95-47-6	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	111	%	57-148		1	10/19/18 08:15	10/19/18 20:01	1868-53-7	
Toluene-d8 (S)	111	%	58-142		1	10/19/18 08:15	10/19/18 20:01	2037-26-5	
4-Bromofluorobenzene (S)	105	%	48-130		1	10/19/18 08:15	10/19/18 20:01	460-00-4	
<b>Percent Moisture</b>									
Analytical Method: ASTM D2974-87									
Percent Moisture	8.4	%	0.10	0.10	1		10/18/18 15:13		

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## ANALYTICAL RESULTS

Project: 16-1304 BAY TOWEL

Pace Project No.: 40177343

**Sample: B-115 8'** Lab ID: **40177343059** Collected: 10/09/18 09:04 Received: 10/09/18 14:30 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
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
Benzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 20:25	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 20:25	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 20:25	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 20:25	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 20:25	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	10/19/18 08:15	10/19/18 20:25	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 20:25	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 20:25	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 20:25	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 20:25	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 20:25	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	10/19/18 08:15	10/19/18 20:25	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	10/19/18 08:15	10/19/18 20:25	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 20:25	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 20:25	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 20:25	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	10/19/18 08:15	10/19/18 20:25	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 20:25	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 20:25	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 20:25	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 20:25	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 20:25	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 20:25	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 20:25	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 20:25	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 20:25	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 20:25	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 20:25	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 20:25	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 20:25	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 20:25	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 20:25	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 20:25	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 20:25	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 20:25	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 20:25	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 20:25	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 20:25	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 20:25	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 20:25	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 20:25	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 20:25	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	10/19/18 08:15	10/19/18 20:25	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 20:25	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 20:25	100-42-5	W

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### ANALYTICAL RESULTS

Project: 16-1304 BAY TOWEL

Pace Project No.: 40177343

**Sample: B-115 8'**      **Lab ID: 40177343059**      Collected: 10/09/18 09:04      Received: 10/09/18 14:30      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
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 20:25	630-20-6	W
1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 20:25	79-34-5	W
Tetrachloroethene	185	ug/kg	72.4	30.2	1	10/19/18 08:15	10/19/18 20:25	127-18-4	
Toluene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 20:25	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 20:25	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	10/19/18 08:15	10/19/18 20:25	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 20:25	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 20:25	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 20:25	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 20:25	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 20:25	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 20:25	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 20:25	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 20:25	75-01-4	W
m&p-Xylene	<50.0	ug/kg	120	50.0	1	10/19/18 08:15	10/19/18 20:25	179601-23-1	W
o-Xylene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 20:25	95-47-6	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	98	%	57-148		1	10/19/18 08:15	10/19/18 20:25	1868-53-7	
Toluene-d8 (S)	99	%	58-142		1	10/19/18 08:15	10/19/18 20:25	2037-26-5	
4-Bromofluorobenzene (S)	96	%	48-130		1	10/19/18 08:15	10/19/18 20:25	460-00-4	
<b>Percent Moisture</b>		Analytical Method: ASTM D2974-87							
Percent Moisture	17.2	%	0.10	0.10	1		10/18/18 15:13		

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## ANALYTICAL RESULTS

Project: 16-1304 BAY TOWEL

Pace Project No.: 40177343

Sample: B-115 10' Lab ID: 40177343060 Collected: 10/09/18 09:06 Received: 10/09/18 14:30 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
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Benzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 20:48	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 20:48	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 20:48	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 20:48	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 20:48	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	10/19/18 08:15	10/19/18 20:48	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 20:48	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 20:48	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 20:48	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 20:48	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 20:48	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	10/19/18 08:15	10/19/18 20:48	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	10/19/18 08:15	10/19/18 20:48	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 20:48	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 20:48	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 20:48	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	10/19/18 08:15	10/19/18 20:48	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 20:48	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 20:48	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 20:48	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 20:48	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 20:48	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 20:48	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 20:48	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 20:48	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 20:48	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 20:48	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 20:48	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 20:48	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 20:48	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 20:48	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 20:48	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 20:48	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 20:48	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 20:48	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 20:48	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 20:48	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 20:48	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 20:48	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 20:48	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 20:48	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 20:48	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	10/19/18 08:15	10/19/18 20:48	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 20:48	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 20:48	100-42-5	W

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### ANALYTICAL RESULTS

Project: 16-1304 BAY TOWEL

Pace Project No.: 40177343

**Sample: B-115 10'**      **Lab ID: 40177343060**      Collected: 10/09/18 09:06      Received: 10/09/18 14:30      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
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 20:48	630-20-6	W
1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 20:48	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 20:48	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 20:48	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 20:48	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	10/19/18 08:15	10/19/18 20:48	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 20:48	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 20:48	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 20:48	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 20:48	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 20:48	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 20:48	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 20:48	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 20:48	75-01-4	W
m&p-Xylene	<50.0	ug/kg	120	50.0	1	10/19/18 08:15	10/19/18 20:48	179601-23-1	W
o-Xylene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 20:48	95-47-6	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	115	%	57-148		1	10/19/18 08:15	10/19/18 20:48	1868-53-7	
Toluene-d8 (S)	118	%	58-142		1	10/19/18 08:15	10/19/18 20:48	2037-26-5	
4-Bromofluorobenzene (S)	112	%	48-130		1	10/19/18 08:15	10/19/18 20:48	460-00-4	
<b>Percent Moisture</b>									
Analytical Method: ASTM D2974-87									
Percent Moisture	<b>28.4</b>	%	0.10	0.10	1		10/18/18 15:13		

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## ANALYTICAL RESULTS

Project: 16-1304 BAY TOWEL

Pace Project No.: 40177343

Sample: B-116 2' Lab ID: 40177343061 Collected: 10/09/18 08:48 Received: 10/09/18 14:30 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
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Benzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 21:11	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 21:11	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 21:11	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 21:11	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 21:11	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	10/19/18 08:15	10/19/18 21:11	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 21:11	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 21:11	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 21:11	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 21:11	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 21:11	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	10/19/18 08:15	10/19/18 21:11	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	10/19/18 08:15	10/19/18 21:11	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 21:11	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 21:11	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 21:11	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	10/19/18 08:15	10/19/18 21:11	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 21:11	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 21:11	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 21:11	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 21:11	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 21:11	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 21:11	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 21:11	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 21:11	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 21:11	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 21:11	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 21:11	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 21:11	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 21:11	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 21:11	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 21:11	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 21:11	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 21:11	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 21:11	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 21:11	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 21:11	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 21:11	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 21:11	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 21:11	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 21:11	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 21:11	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	10/19/18 08:15	10/19/18 21:11	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 21:11	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 21:11	100-42-5	W

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### ANALYTICAL RESULTS

Project: 16-1304 BAY TOWEL

Pace Project No.: 40177343

**Sample: B-116 2'**      **Lab ID: 40177343061**      Collected: 10/09/18 08:48      Received: 10/09/18 14:30      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
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 21:11	630-20-6	W
1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 21:11	79-34-5	W
Tetrachloroethene	454	ug/kg	66.1	27.6	1	10/19/18 08:15	10/19/18 21:11	127-18-4	
Toluene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 21:11	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 21:11	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	10/19/18 08:15	10/19/18 21:11	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 21:11	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 21:11	79-00-5	W
Trichloroethene	49.5J	ug/kg	66.1	27.6	1	10/19/18 08:15	10/19/18 21:11	79-01-6	
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 21:11	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 21:11	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 21:11	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 21:11	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 21:11	75-01-4	W
m&p-Xylene	<50.0	ug/kg	120	50.0	1	10/19/18 08:15	10/19/18 21:11	179601-23-1	W
o-Xylene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 21:11	95-47-6	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	113	%	57-148		1	10/19/18 08:15	10/19/18 21:11	1868-53-7	
Toluene-d8 (S)	114	%	58-142		1	10/19/18 08:15	10/19/18 21:11	2037-26-5	
4-Bromofluorobenzene (S)	113	%	48-130		1	10/19/18 08:15	10/19/18 21:11	460-00-4	
<b>Percent Moisture</b>		Analytical Method: ASTM D2974-87							
Percent Moisture	9.3	%	0.10	0.10	1		10/18/18 15:13		

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## ANALYTICAL RESULTS

Project: 16-1304 BAY TOWEL

Pace Project No.: 40177343

**Sample: B-116 5'** Lab ID: **40177343062** Collected: 10/09/18 08:50 Received: 10/09/18 14:30 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
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
Benzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 21:34	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 21:34	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 21:34	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 21:34	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 21:34	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	10/19/18 08:15	10/19/18 21:34	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 21:34	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 21:34	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 21:34	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 21:34	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 21:34	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	10/19/18 08:15	10/19/18 21:34	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	10/19/18 08:15	10/19/18 21:34	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 21:34	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 21:34	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 21:34	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	10/19/18 08:15	10/19/18 21:34	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 21:34	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 21:34	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 21:34	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 21:34	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 21:34	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 21:34	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 21:34	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 21:34	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 21:34	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 21:34	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 21:34	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 21:34	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 21:34	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 21:34	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 21:34	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 21:34	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 21:34	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 21:34	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 21:34	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 21:34	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 21:34	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 21:34	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 21:34	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 21:34	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 21:34	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	10/19/18 08:15	10/19/18 21:34	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 21:34	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 21:34	100-42-5	W

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### ANALYTICAL RESULTS

Project: 16-1304 BAY TOWEL

Pace Project No.: 40177343

**Sample: B-116 5'**      **Lab ID: 40177343062**      Collected: 10/09/18 08:50      Received: 10/09/18 14:30      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
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 21:34	630-20-6	W
1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 21:34	79-34-5	W
Tetrachloroethene	797	ug/kg	70.1	29.2	1	10/19/18 08:15	10/19/18 21:34	127-18-4	
Toluene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 21:34	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 21:34	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	10/19/18 08:15	10/19/18 21:34	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 21:34	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 21:34	79-00-5	W
Trichloroethene	62.2J	ug/kg	70.1	29.2	1	10/19/18 08:15	10/19/18 21:34	79-01-6	
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 21:34	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 21:34	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 21:34	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 21:34	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 21:34	75-01-4	W
m&p-Xylene	<50.0	ug/kg	120	50.0	1	10/19/18 08:15	10/19/18 21:34	179601-23-1	W
o-Xylene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 21:34	95-47-6	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	94	%	57-148		1	10/19/18 08:15	10/19/18 21:34	1868-53-7	
Toluene-d8 (S)	98	%	58-142		1	10/19/18 08:15	10/19/18 21:34	2037-26-5	
4-Bromofluorobenzene (S)	92	%	48-130		1	10/19/18 08:15	10/19/18 21:34	460-00-4	
<b>Percent Moisture</b>									
Analytical Method: ASTM D2974-87									
Percent Moisture	14.4	%	0.10	0.10	1		10/18/18 15:13		

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## ANALYTICAL RESULTS

Project: 16-1304 BAY TOWEL

Pace Project No.: 40177343

**Sample: B-116 8'** Lab ID: **40177343063** Collected: 10/09/18 08:52 Received: 10/09/18 14:30 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
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
Benzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 21:57	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 21:57	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 21:57	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 21:57	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 21:57	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	10/19/18 08:15	10/19/18 21:57	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 21:57	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 21:57	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 21:57	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 21:57	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 21:57	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	10/19/18 08:15	10/19/18 21:57	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	10/19/18 08:15	10/19/18 21:57	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 21:57	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 21:57	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 21:57	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	10/19/18 08:15	10/19/18 21:57	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 21:57	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 21:57	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 21:57	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 21:57	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 21:57	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 21:57	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 21:57	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 21:57	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 21:57	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 21:57	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 21:57	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 21:57	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 21:57	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 21:57	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 21:57	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 21:57	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 21:57	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 21:57	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 21:57	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 21:57	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 21:57	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 21:57	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 21:57	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 21:57	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 21:57	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	10/19/18 08:15	10/19/18 21:57	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 21:57	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 21:57	100-42-5	W

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### ANALYTICAL RESULTS

Project: 16-1304 BAY TOWEL

Pace Project No.: 40177343

**Sample: B-116 8'**      **Lab ID: 40177343063**      Collected: 10/09/18 08:52      Received: 10/09/18 14:30      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
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 21:57	630-20-6	W
1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 21:57	79-34-5	W
Tetrachloroethene	423	ug/kg	78.8	32.8	1	10/19/18 08:15	10/19/18 21:57	127-18-4	
Toluene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 21:57	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 21:57	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	10/19/18 08:15	10/19/18 21:57	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 21:57	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 21:57	79-00-5	W
Trichloroethene	79.5	ug/kg	78.8	32.8	1	10/19/18 08:15	10/19/18 21:57	79-01-6	
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 21:57	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 21:57	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 21:57	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 21:57	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 21:57	75-01-4	W
m&p-Xylene	<50.0	ug/kg	120	50.0	1	10/19/18 08:15	10/19/18 21:57	179601-23-1	W
o-Xylene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 21:57	95-47-6	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	117	%	57-148		1	10/19/18 08:15	10/19/18 21:57	1868-53-7	
Toluene-d8 (S)	110	%	58-142		1	10/19/18 08:15	10/19/18 21:57	2037-26-5	
4-Bromofluorobenzene (S)	107	%	48-130		1	10/19/18 08:15	10/19/18 21:57	460-00-4	
<b>Percent Moisture</b>									
Analytical Method: ASTM D2974-87									
Percent Moisture	23.9	%	0.10	0.10	1		10/18/18 15:13		

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## ANALYTICAL RESULTS

Project: 16-1304 BAY TOWEL

Pace Project No.: 40177343

**Sample: B-117 2'** Lab ID: **40177343065** Collected: 10/09/18 08:20 Received: 10/09/18 14:30 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
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Benzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 22:20	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 22:20	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 22:20	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 22:20	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 22:20	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	10/19/18 08:15	10/19/18 22:20	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 22:20	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 22:20	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 22:20	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 22:20	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 22:20	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	10/19/18 08:15	10/19/18 22:20	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	10/19/18 08:15	10/19/18 22:20	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 22:20	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 22:20	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 22:20	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	10/19/18 08:15	10/19/18 22:20	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 22:20	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 22:20	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 22:20	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 22:20	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 22:20	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 22:20	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 22:20	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 22:20	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 22:20	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 22:20	75-35-4	W
cis-1,2-Dichloroethene	28.5J	ug/kg	67.1	28.0	1	10/19/18 08:15	10/19/18 22:20	156-59-2	
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 22:20	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 22:20	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 22:20	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 22:20	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 22:20	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 22:20	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 22:20	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 22:20	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 22:20	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 22:20	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 22:20	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 22:20	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 22:20	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 22:20	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	10/19/18 08:15	10/19/18 22:20	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 22:20	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 22:20	100-42-5	W

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### ANALYTICAL RESULTS

Project: 16-1304 BAY TOWEL

Pace Project No.: 40177343

**Sample: B-117 2'**      **Lab ID: 40177343065**      Collected: 10/09/18 08:20      Received: 10/09/18 14:30      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
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 22:20	630-20-6	W
1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 22:20	79-34-5	W
Tetrachloroethene	1750	ug/kg	67.1	28.0	1	10/19/18 08:15	10/19/18 22:20	127-18-4	
Toluene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 22:20	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 22:20	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	10/19/18 08:15	10/19/18 22:20	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 22:20	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 22:20	79-00-5	W
Trichloroethene	104	ug/kg	67.1	28.0	1	10/19/18 08:15	10/19/18 22:20	79-01-6	
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 22:20	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 22:20	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 22:20	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 22:20	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 22:20	75-01-4	W
m&p-Xylene	<50.0	ug/kg	120	50.0	1	10/19/18 08:15	10/19/18 22:20	179601-23-1	W
o-Xylene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 22:20	95-47-6	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	109	%	57-148		1	10/19/18 08:15	10/19/18 22:20	1868-53-7	
Toluene-d8 (S)	111	%	58-142		1	10/19/18 08:15	10/19/18 22:20	2037-26-5	
4-Bromofluorobenzene (S)	108	%	48-130		1	10/19/18 08:15	10/19/18 22:20	460-00-4	
<b>Percent Moisture</b>									
Analytical Method: ASTM D2974-87									
Percent Moisture	10.6	%	0.10	0.10	1		10/18/18 15:13		

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## ANALYTICAL RESULTS

Project: 16-1304 BAY TOWEL

Pace Project No.: 40177343

Sample: B-117 5' Lab ID: 40177343066 Collected: 10/09/18 08:22 Received: 10/09/18 14:30 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
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Benzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 22:44	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 22:44	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 22:44	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 22:44	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 22:44	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	10/19/18 08:15	10/19/18 22:44	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 22:44	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 22:44	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 22:44	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 22:44	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 22:44	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	10/19/18 08:15	10/19/18 22:44	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	10/19/18 08:15	10/19/18 22:44	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 22:44	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 22:44	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 22:44	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	10/19/18 08:15	10/19/18 22:44	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 22:44	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 22:44	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 22:44	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 22:44	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 22:44	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 22:44	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 22:44	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 22:44	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 22:44	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 22:44	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 22:44	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 22:44	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 22:44	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 22:44	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 22:44	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 22:44	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 22:44	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 22:44	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 22:44	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 22:44	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 22:44	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 22:44	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 22:44	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 22:44	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 22:44	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	10/19/18 08:15	10/19/18 22:44	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 22:44	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 22:44	100-42-5	W

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### ANALYTICAL RESULTS

Project: 16-1304 BAY TOWEL

Pace Project No.: 40177343

**Sample: B-117 5'**      **Lab ID: 40177343066**      Collected: 10/09/18 08:22      Received: 10/09/18 14:30      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
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 22:44	630-20-6	W
1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 22:44	79-34-5	W
Tetrachloroethene	204	ug/kg	70.4	29.3	1	10/19/18 08:15	10/19/18 22:44	127-18-4	
Toluene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 22:44	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 22:44	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	10/19/18 08:15	10/19/18 22:44	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 22:44	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 22:44	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 22:44	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 22:44	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 22:44	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 22:44	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 22:44	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 22:44	75-01-4	W
m&p-Xylene	<50.0	ug/kg	120	50.0	1	10/19/18 08:15	10/19/18 22:44	179601-23-1	W
o-Xylene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 22:44	95-47-6	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	99	%	57-148		1	10/19/18 08:15	10/19/18 22:44	1868-53-7	
Toluene-d8 (S)	104	%	58-142		1	10/19/18 08:15	10/19/18 22:44	2037-26-5	
4-Bromofluorobenzene (S)	97	%	48-130		1	10/19/18 08:15	10/19/18 22:44	460-00-4	
<b>Percent Moisture</b>		Analytical Method: ASTM D2974-87							
Percent Moisture	14.8	%	0.10	0.10	1		10/18/18 15:46		

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## ANALYTICAL RESULTS

Project: 16-1304 BAY TOWEL

Pace Project No.: 40177343

Sample: B-117 8' Lab ID: 40177343067 Collected: 10/09/18 08:24 Received: 10/09/18 14:30 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
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Benzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 23:07	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 23:07	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 23:07	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 23:07	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 23:07	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	10/19/18 08:15	10/19/18 23:07	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 23:07	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 23:07	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 23:07	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 23:07	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 23:07	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	10/19/18 08:15	10/19/18 23:07	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	10/19/18 08:15	10/19/18 23:07	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 23:07	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 23:07	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 23:07	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	10/19/18 08:15	10/19/18 23:07	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 23:07	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 23:07	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 23:07	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 23:07	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 23:07	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 23:07	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 23:07	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 23:07	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 23:07	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 23:07	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 23:07	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 23:07	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 23:07	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 23:07	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 23:07	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 23:07	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 23:07	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 23:07	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 23:07	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 23:07	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 23:07	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 23:07	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 23:07	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 23:07	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 23:07	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	10/19/18 08:15	10/19/18 23:07	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 23:07	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 23:07	100-42-5	W

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### ANALYTICAL RESULTS

Project: 16-1304 BAY TOWEL

Pace Project No.: 40177343

**Sample: B-117 8'**      **Lab ID: 40177343067**      Collected: 10/09/18 08:24      Received: 10/09/18 14:30      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
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 23:07	630-20-6	W
1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 23:07	79-34-5	W
Tetrachloroethene	2210	ug/kg	81.7	34.0	1	10/19/18 08:15	10/19/18 23:07	127-18-4	
Toluene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 23:07	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 23:07	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	10/19/18 08:15	10/19/18 23:07	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 23:07	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 23:07	79-00-5	W
Trichloroethene	184	ug/kg	81.7	34.0	1	10/19/18 08:15	10/19/18 23:07	79-01-6	
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 23:07	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 23:07	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 23:07	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 23:07	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 23:07	75-01-4	W
m&p-Xylene	<50.0	ug/kg	120	50.0	1	10/19/18 08:15	10/19/18 23:07	179601-23-1	W
o-Xylene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 23:07	95-47-6	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	101	%	57-148		1	10/19/18 08:15	10/19/18 23:07	1868-53-7	
Toluene-d8 (S)	103	%	58-142		1	10/19/18 08:15	10/19/18 23:07	2037-26-5	
4-Bromofluorobenzene (S)	100	%	48-130		1	10/19/18 08:15	10/19/18 23:07	460-00-4	
<b>Percent Moisture</b>									
Analytical Method: ASTM D2974-87									
Percent Moisture	26.5	%	0.10	0.10	1		10/18/18 15:46		

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## ANALYTICAL RESULTS

Project: 16-1304 BAY TOWEL

Pace Project No.: 40177343

**Sample: B-117 10'**      **Lab ID: 40177343068**      Collected: 10/09/18 08:26      Received: 10/09/18 14:30      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
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
Benzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 23:30	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 23:30	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 23:30	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 23:30	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 23:30	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	10/19/18 08:15	10/19/18 23:30	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 23:30	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 23:30	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 23:30	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 23:30	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 23:30	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	10/19/18 08:15	10/19/18 23:30	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	10/19/18 08:15	10/19/18 23:30	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 23:30	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 23:30	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 23:30	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	10/19/18 08:15	10/19/18 23:30	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 23:30	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 23:30	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 23:30	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 23:30	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 23:30	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 23:30	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 23:30	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 23:30	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 23:30	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 23:30	75-35-4	W
cis-1,2-Dichloroethene	229	ug/kg	83.2	34.7	1	10/19/18 08:15	10/19/18 23:30	156-59-2	
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 23:30	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 23:30	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 23:30	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 23:30	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 23:30	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 23:30	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 23:30	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 23:30	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 23:30	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 23:30	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 23:30	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 23:30	99-87-6	W
Methylene Chloride	43.1J	ug/kg	83.2	34.7	1	10/19/18 08:15	10/19/18 23:30	75-09-2	
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 23:30	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	10/19/18 08:15	10/19/18 23:30	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 23:30	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 23:30	100-42-5	W

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### ANALYTICAL RESULTS

Project: 16-1304 BAY TOWEL

Pace Project No.: 40177343

**Sample: B-117 10'**      **Lab ID: 40177343068**      Collected: 10/09/18 08:26      Received: 10/09/18 14:30      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
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 23:30	630-20-6	W
1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 23:30	79-34-5	W
Tetrachloroethene	4960	ug/kg	83.2	34.7	1	10/19/18 08:15	10/19/18 23:30	127-18-4	
Toluene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 23:30	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 23:30	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	10/19/18 08:15	10/19/18 23:30	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 23:30	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 23:30	79-00-5	W
Trichloroethene	509	ug/kg	83.2	34.7	1	10/19/18 08:15	10/19/18 23:30	79-01-6	
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 23:30	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 23:30	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 23:30	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 23:30	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 23:30	75-01-4	W
m&p-Xylene	<50.0	ug/kg	120	50.0	1	10/19/18 08:15	10/19/18 23:30	179601-23-1	W
o-Xylene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 23:30	95-47-6	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	109	%	57-148		1	10/19/18 08:15	10/19/18 23:30	1868-53-7	
Toluene-d8 (S)	111	%	58-142		1	10/19/18 08:15	10/19/18 23:30	2037-26-5	
4-Bromofluorobenzene (S)	110	%	48-130		1	10/19/18 08:15	10/19/18 23:30	460-00-4	
<b>Percent Moisture</b>									
Analytical Method: ASTM D2974-87									
Percent Moisture	27.9	%	0.10	0.10	1		10/18/18 15:46		

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## ANALYTICAL RESULTS

Project: 16-1304 BAY TOWEL

Pace Project No.: 40177343

Sample: B-118 2' Lab ID: 40177343069 Collected: 10/09/18 08:32 Received: 10/09/18 14:30 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
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Benzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 23:53	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 23:53	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 23:53	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 23:53	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 23:53	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	10/19/18 08:15	10/19/18 23:53	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 23:53	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 23:53	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 23:53	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 23:53	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 23:53	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	10/19/18 08:15	10/19/18 23:53	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	10/19/18 08:15	10/19/18 23:53	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 23:53	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 23:53	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 23:53	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	10/19/18 08:15	10/19/18 23:53	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 23:53	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 23:53	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 23:53	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 23:53	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 23:53	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 23:53	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 23:53	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 23:53	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 23:53	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 23:53	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 23:53	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 23:53	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 23:53	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 23:53	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 23:53	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 23:53	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 23:53	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 23:53	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 23:53	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 23:53	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 23:53	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 23:53	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 23:53	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 23:53	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 23:53	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	10/19/18 08:15	10/19/18 23:53	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 23:53	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 23:53	100-42-5	W

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### ANALYTICAL RESULTS

Project: 16-1304 BAY TOWEL

Pace Project No.: 40177343

**Sample: B-118 2'**      **Lab ID: 40177343069**      Collected: 10/09/18 08:32      Received: 10/09/18 14:30      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
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 23:53	630-20-6	W
1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 23:53	79-34-5	W
Tetrachloroethene	1830	ug/kg	65.9	27.5	1	10/19/18 08:15	10/19/18 23:53	127-18-4	
Toluene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 23:53	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 23:53	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	10/19/18 08:15	10/19/18 23:53	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 23:53	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 23:53	79-00-5	W
Trichloroethene	70.8	ug/kg	65.9	27.5	1	10/19/18 08:15	10/19/18 23:53	79-01-6	
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 23:53	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 23:53	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 23:53	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 23:53	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 23:53	75-01-4	W
m&p-Xylene	<50.0	ug/kg	120	50.0	1	10/19/18 08:15	10/19/18 23:53	179601-23-1	W
o-Xylene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/19/18 23:53	95-47-6	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	107	%	57-148		1	10/19/18 08:15	10/19/18 23:53	1868-53-7	
Toluene-d8 (S)	108	%	58-142		1	10/19/18 08:15	10/19/18 23:53	2037-26-5	
4-Bromofluorobenzene (S)	110	%	48-130		1	10/19/18 08:15	10/19/18 23:53	460-00-4	
<b>Percent Moisture</b>		Analytical Method: ASTM D2974-87							
Percent Moisture	9.0	%	0.10	0.10	1		10/18/18 15:46		

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## ANALYTICAL RESULTS

Project: 16-1304 BAY TOWEL

Pace Project No.: 40177343

Sample: B-118 8' Lab ID: 40177343071 Collected: 10/09/18 08:36 Received: 10/09/18 14:30 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
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Benzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/20/18 00:16	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/20/18 00:16	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/20/18 00:16	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/20/18 00:16	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/20/18 00:16	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	10/19/18 08:15	10/20/18 00:16	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/20/18 00:16	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/20/18 00:16	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/20/18 00:16	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/20/18 00:16	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/20/18 00:16	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	10/19/18 08:15	10/20/18 00:16	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	10/19/18 08:15	10/20/18 00:16	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/20/18 00:16	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/20/18 00:16	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/20/18 00:16	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	10/19/18 08:15	10/20/18 00:16	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/20/18 00:16	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/20/18 00:16	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/20/18 00:16	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/20/18 00:16	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/20/18 00:16	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/20/18 00:16	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/20/18 00:16	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/20/18 00:16	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/20/18 00:16	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/20/18 00:16	75-35-4	W
cis-1,2-Dichloroethene	88.9	ug/kg	77.1	32.1	1	10/19/18 08:15	10/20/18 00:16	156-59-2	
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/20/18 00:16	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/20/18 00:16	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/20/18 00:16	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/20/18 00:16	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/20/18 00:16	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/20/18 00:16	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/20/18 00:16	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/20/18 00:16	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/20/18 00:16	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/20/18 00:16	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/20/18 00:16	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/20/18 00:16	99-87-6	W
Methylene Chloride	47.8J	ug/kg	77.1	32.1	1	10/19/18 08:15	10/20/18 00:16	75-09-2	
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/20/18 00:16	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	10/19/18 08:15	10/20/18 00:16	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/20/18 00:16	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/20/18 00:16	100-42-5	W

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### ANALYTICAL RESULTS

Project: 16-1304 BAY TOWEL

Pace Project No.: 40177343

**Sample: B-118 8'**      **Lab ID: 40177343071**      Collected: 10/09/18 08:36      Received: 10/09/18 14:30      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
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/20/18 00:16	630-20-6	W
1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/20/18 00:16	79-34-5	W
Tetrachloroethene	193	ug/kg	77.1	32.1	1	10/19/18 08:15	10/20/18 00:16	127-18-4	
Toluene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/20/18 00:16	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/20/18 00:16	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	10/19/18 08:15	10/20/18 00:16	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/20/18 00:16	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/20/18 00:16	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/20/18 00:16	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/20/18 00:16	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/20/18 00:16	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/20/18 00:16	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/20/18 00:16	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/20/18 00:16	75-01-4	W
m&p-Xylene	<50.0	ug/kg	120	50.0	1	10/19/18 08:15	10/20/18 00:16	179601-23-1	W
o-Xylene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:15	10/20/18 00:16	95-47-6	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	101	%	57-148		1	10/19/18 08:15	10/20/18 00:16	1868-53-7	
Toluene-d8 (S)	108	%	58-142		1	10/19/18 08:15	10/20/18 00:16	2037-26-5	
4-Bromofluorobenzene (S)	103	%	48-130		1	10/19/18 08:15	10/20/18 00:16	460-00-4	
<b>Percent Moisture</b>		Analytical Method: ASTM D2974-87							
Percent Moisture	22.2	%	0.10	0.10	1		10/18/18 15:46		

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## ANALYTICAL RESULTS

Project: 16-1304 BAY TOWEL

Pace Project No.: 40177343

Sample: B-119 2' Lab ID: 40177343073 Collected: 10/09/18 13:28 Received: 10/09/18 14:30 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
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
Benzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:45	10/22/18 19:01	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:45	10/22/18 19:01	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:45	10/22/18 19:01	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:45	10/22/18 19:01	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:45	10/22/18 19:01	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	10/19/18 08:45	10/22/18 19:01	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:45	10/22/18 19:01	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:45	10/22/18 19:01	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:45	10/22/18 19:01	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:45	10/22/18 19:01	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:45	10/22/18 19:01	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	10/19/18 08:45	10/22/18 19:01	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	10/19/18 08:45	10/22/18 19:01	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:45	10/22/18 19:01	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:45	10/22/18 19:01	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:45	10/22/18 19:01	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	10/19/18 08:45	10/22/18 19:01	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:45	10/22/18 19:01	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:45	10/22/18 19:01	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:45	10/22/18 19:01	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:45	10/22/18 19:01	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:45	10/22/18 19:01	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:45	10/22/18 19:01	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:45	10/22/18 19:01	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:45	10/22/18 19:01	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:45	10/22/18 19:01	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:45	10/22/18 19:01	75-35-4	W
cis-1,2-Dichloroethene	106	ug/kg	67.0	27.9	1	10/19/18 08:45	10/22/18 19:01	156-59-2	
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:45	10/22/18 19:01	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:45	10/22/18 19:01	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:45	10/22/18 19:01	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:45	10/22/18 19:01	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:45	10/22/18 19:01	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:45	10/22/18 19:01	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:45	10/22/18 19:01	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:45	10/22/18 19:01	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:45	10/22/18 19:01	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:45	10/22/18 19:01	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:45	10/22/18 19:01	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:45	10/22/18 19:01	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:45	10/22/18 19:01	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:45	10/22/18 19:01	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	10/19/18 08:45	10/22/18 19:01	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:45	10/22/18 19:01	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:45	10/22/18 19:01	100-42-5	W

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### ANALYTICAL RESULTS

Project: 16-1304 BAY TOWEL

Pace Project No.: 40177343

**Sample: B-119 2'**      **Lab ID: 40177343073**      Collected: 10/09/18 13:28      Received: 10/09/18 14:30      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
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:45	10/22/18 19:01	630-20-6	W
1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:45	10/22/18 19:01	79-34-5	W
Tetrachloroethene	436	ug/kg	67.0	27.9	1	10/19/18 08:45	10/22/18 19:01	127-18-4	
Toluene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:45	10/22/18 19:01	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:45	10/22/18 19:01	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	10/19/18 08:45	10/22/18 19:01	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:45	10/22/18 19:01	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:45	10/22/18 19:01	79-00-5	W
Trichloroethene	72.9	ug/kg	67.0	27.9	1	10/19/18 08:45	10/22/18 19:01	79-01-6	
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:45	10/22/18 19:01	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:45	10/22/18 19:01	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:45	10/22/18 19:01	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:45	10/22/18 19:01	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:45	10/22/18 19:01	75-01-4	W
m&p-Xylene	<50.0	ug/kg	120	50.0	1	10/19/18 08:45	10/22/18 19:01	179601-23-1	W
o-Xylene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:45	10/22/18 19:01	95-47-6	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	100	%	57-148		1	10/19/18 08:45	10/22/18 19:01	1868-53-7	
Toluene-d8 (S)	103	%	58-142		1	10/19/18 08:45	10/22/18 19:01	2037-26-5	
4-Bromofluorobenzene (S)	105	%	48-130		1	10/19/18 08:45	10/22/18 19:01	460-00-4	
<b>Percent Moisture</b>									
Analytical Method: ASTM D2974-87									
Percent Moisture	10.5	%	0.10	0.10	1		10/18/18 15:46		

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## ANALYTICAL RESULTS

Project: 16-1304 BAY TOWEL

Pace Project No.: 40177343

Sample: B-119 5' Lab ID: 40177343074 Collected: 10/09/18 13:30 Received: 10/09/18 14:30 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
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
Benzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:45	10/22/18 19:24	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:45	10/22/18 19:24	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:45	10/22/18 19:24	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:45	10/22/18 19:24	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:45	10/22/18 19:24	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	10/19/18 08:45	10/22/18 19:24	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:45	10/22/18 19:24	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:45	10/22/18 19:24	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:45	10/22/18 19:24	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:45	10/22/18 19:24	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:45	10/22/18 19:24	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	10/19/18 08:45	10/22/18 19:24	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	10/19/18 08:45	10/22/18 19:24	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:45	10/22/18 19:24	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:45	10/22/18 19:24	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:45	10/22/18 19:24	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	10/19/18 08:45	10/22/18 19:24	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:45	10/22/18 19:24	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:45	10/22/18 19:24	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:45	10/22/18 19:24	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:45	10/22/18 19:24	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:45	10/22/18 19:24	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:45	10/22/18 19:24	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:45	10/22/18 19:24	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:45	10/22/18 19:24	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:45	10/22/18 19:24	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:45	10/22/18 19:24	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:45	10/22/18 19:24	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:45	10/22/18 19:24	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:45	10/22/18 19:24	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:45	10/22/18 19:24	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:45	10/22/18 19:24	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:45	10/22/18 19:24	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:45	10/22/18 19:24	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:45	10/22/18 19:24	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:45	10/22/18 19:24	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:45	10/22/18 19:24	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:45	10/22/18 19:24	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:45	10/22/18 19:24	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:45	10/22/18 19:24	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:45	10/22/18 19:24	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:45	10/22/18 19:24	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	10/19/18 08:45	10/22/18 19:24	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:45	10/22/18 19:24	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:45	10/22/18 19:24	100-42-5	W

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### ANALYTICAL RESULTS

Project: 16-1304 BAY TOWEL

Pace Project No.: 40177343

**Sample: B-119 5'**      **Lab ID: 40177343074**      Collected: 10/09/18 13:30      Received: 10/09/18 14:30      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
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:45	10/22/18 19:24	630-20-6	W
1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:45	10/22/18 19:24	79-34-5	W
Tetrachloroethene	104	ug/kg	68.7	28.6	1	10/19/18 08:45	10/22/18 19:24	127-18-4	
Toluene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:45	10/22/18 19:24	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:45	10/22/18 19:24	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	10/19/18 08:45	10/22/18 19:24	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:45	10/22/18 19:24	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:45	10/22/18 19:24	79-00-5	W
Trichloroethene	30.1J	ug/kg	68.7	28.6	1	10/19/18 08:45	10/22/18 19:24	79-01-6	
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:45	10/22/18 19:24	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:45	10/22/18 19:24	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:45	10/22/18 19:24	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:45	10/22/18 19:24	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:45	10/22/18 19:24	75-01-4	W
m&p-Xylene	<50.0	ug/kg	120	50.0	1	10/19/18 08:45	10/22/18 19:24	179601-23-1	W
o-Xylene	<25.0	ug/kg	60.0	25.0	1	10/19/18 08:45	10/22/18 19:24	95-47-6	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	97	%	57-148		1	10/19/18 08:45	10/22/18 19:24	1868-53-7	
Toluene-d8 (S)	100	%	58-142		1	10/19/18 08:45	10/22/18 19:24	2037-26-5	
4-Bromofluorobenzene (S)	97	%	48-130		1	10/19/18 08:45	10/22/18 19:24	460-00-4	
<b>Percent Moisture</b>									
Analytical Method: ASTM D2974-87									
Percent Moisture	12.6	%	0.10	0.10	1		10/18/18 15:46		

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## ANALYTICAL RESULTS

Project: 16-1304 BAY TOWEL

Pace Project No.: 40177343

Sample: B-120 2' Lab ID: 40177343077 Collected: 10/09/18 13:46 Received: 10/09/18 14:30 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
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Benzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 14:26	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 14:26	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 14:26	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 14:26	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 14:26	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	10/11/18 08:15	10/12/18 14:26	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 14:26	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 14:26	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 14:26	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 14:26	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 14:26	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	10/11/18 08:15	10/12/18 14:26	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	10/11/18 08:15	10/12/18 14:26	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 14:26	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 14:26	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 14:26	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	10/11/18 08:15	10/12/18 14:26	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 14:26	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 14:26	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 14:26	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 14:26	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 14:26	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 14:26	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 14:26	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 14:26	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 14:26	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 14:26	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 14:26	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 14:26	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 14:26	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 14:26	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 14:26	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 14:26	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 14:26	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 14:26	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 14:26	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 14:26	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 14:26	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 14:26	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 14:26	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 14:26	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 14:26	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	10/11/18 08:15	10/12/18 14:26	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 14:26	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 14:26	100-42-5	W

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### ANALYTICAL RESULTS

Project: 16-1304 BAY TOWEL

Pace Project No.: 40177343

**Sample: B-120 2'**      **Lab ID: 40177343077**      Collected: 10/09/18 13:46      Received: 10/09/18 14:30      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
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 14:26	630-20-6	W
1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 14:26	79-34-5	W
Tetrachloroethene	61.7J	ug/kg	62.7	26.1	1	10/11/18 08:15	10/12/18 14:26	127-18-4	
Toluene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 14:26	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 14:26	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	10/11/18 08:15	10/12/18 14:26	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 14:26	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 14:26	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 14:26	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 14:26	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 14:26	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 14:26	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 14:26	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 14:26	75-01-4	W
m&p-Xylene	<50.0	ug/kg	120	50.0	1	10/11/18 08:15	10/12/18 14:26	179601-23-1	W
o-Xylene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 14:26	95-47-6	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	121	%	57-148		1	10/11/18 08:15	10/12/18 14:26	1868-53-7	
Toluene-d8 (S)	120	%	58-142		1	10/11/18 08:15	10/12/18 14:26	2037-26-5	
4-Bromofluorobenzene (S)	109	%	48-130		1	10/11/18 08:15	10/12/18 14:26	460-00-4	
<b>Percent Moisture</b>									
Analytical Method: ASTM D2974-87									
Percent Moisture	4.3	%	0.10	0.10	1		10/11/18 15:51		

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## ANALYTICAL RESULTS

Project: 16-1304 BAY TOWEL

Pace Project No.: 40177343

Sample: B-120 5' Lab ID: 40177343078 Collected: 10/09/18 13:48 Received: 10/09/18 14:30 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
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
Benzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 22:51	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 22:51	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 22:51	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 22:51	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 22:51	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	10/11/18 08:15	10/12/18 22:51	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 22:51	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 22:51	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 22:51	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 22:51	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 22:51	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	10/11/18 08:15	10/12/18 22:51	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	10/11/18 08:15	10/12/18 22:51	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 22:51	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 22:51	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 22:51	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	10/11/18 08:15	10/12/18 22:51	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 22:51	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 22:51	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 22:51	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 22:51	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 22:51	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 22:51	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 22:51	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 22:51	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 22:51	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 22:51	75-35-4	W
cis-1,2-Dichloroethene	154	ug/kg	70.5	29.4	1	10/11/18 08:15	10/12/18 22:51	156-59-2	
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 22:51	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 22:51	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 22:51	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 22:51	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 22:51	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 22:51	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 22:51	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 22:51	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 22:51	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 22:51	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 22:51	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 22:51	99-87-6	W
Methylene Chloride	37.1J	ug/kg	70.5	29.4	1	10/11/18 08:15	10/12/18 22:51	75-09-2	B
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 22:51	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	10/11/18 08:15	10/12/18 22:51	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 22:51	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 22:51	100-42-5	W

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### ANALYTICAL RESULTS

Project: 16-1304 BAY TOWEL

Pace Project No.: 40177343

**Sample: B-120 5'**      **Lab ID: 40177343078**      Collected: 10/09/18 13:48      Received: 10/09/18 14:30      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
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 22:51	630-20-6	W
1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 22:51	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 22:51	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 22:51	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 22:51	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	10/11/18 08:15	10/12/18 22:51	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 22:51	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 22:51	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 22:51	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 22:51	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 22:51	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 22:51	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 22:51	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 22:51	75-01-4	W
m&p-Xylene	<50.0	ug/kg	120	50.0	1	10/11/18 08:15	10/12/18 22:51	179601-23-1	W
o-Xylene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 22:51	95-47-6	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	111	%	57-148		1	10/11/18 08:15	10/12/18 22:51	1868-53-7	
Toluene-d8 (S)	104	%	58-142		1	10/11/18 08:15	10/12/18 22:51	2037-26-5	
4-Bromofluorobenzene (S)	94	%	48-130		1	10/11/18 08:15	10/12/18 22:51	460-00-4	
<b>Percent Moisture</b>		Analytical Method: ASTM D2974-87							
Percent Moisture	<b>14.9</b>	%	0.10	0.10	1		10/11/18 15:51		

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## ANALYTICAL RESULTS

Project: 16-1304 BAY TOWEL

Pace Project No.: 40177343

**Sample: B-120 8'** Lab ID: **40177343079** Collected: 10/09/18 13:50 Received: 10/09/18 14:30 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
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Benzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 23:14	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 23:14	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 23:14	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 23:14	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 23:14	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	10/11/18 08:15	10/12/18 23:14	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 23:14	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 23:14	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 23:14	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 23:14	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 23:14	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	10/11/18 08:15	10/12/18 23:14	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	10/11/18 08:15	10/12/18 23:14	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 23:14	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 23:14	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 23:14	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	10/11/18 08:15	10/12/18 23:14	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 23:14	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 23:14	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 23:14	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 23:14	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 23:14	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 23:14	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 23:14	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 23:14	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 23:14	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 23:14	75-35-4	W
cis-1,2-Dichloroethene	151	ug/kg	74.3	31.0	1	10/11/18 08:15	10/12/18 23:14	156-59-2	
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 23:14	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 23:14	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 23:14	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 23:14	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 23:14	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 23:14	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 23:14	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 23:14	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 23:14	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 23:14	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 23:14	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 23:14	99-87-6	W
Methylene Chloride	32.7J	ug/kg	74.3	31.0	1	10/11/18 08:15	10/12/18 23:14	75-09-2	B
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 23:14	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	10/11/18 08:15	10/12/18 23:14	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 23:14	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 23:14	100-42-5	W

## REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 16-1304 BAY TOWEL

Pace Project No.: 40177343

**Sample: B-120 8'**      **Lab ID: 40177343079**      Collected: 10/09/18 13:50      Received: 10/09/18 14:30      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
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 23:14	630-20-6	W
1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 23:14	79-34-5	W
Tetrachloroethene	62.9J	ug/kg	74.3	31.0	1	10/11/18 08:15	10/12/18 23:14	127-18-4	
Toluene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 23:14	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 23:14	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	10/11/18 08:15	10/12/18 23:14	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 23:14	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 23:14	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 23:14	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 23:14	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 23:14	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 23:14	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 23:14	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 23:14	75-01-4	W
m&p-Xylene	<50.0	ug/kg	120	50.0	1	10/11/18 08:15	10/12/18 23:14	179601-23-1	W
o-Xylene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 23:14	95-47-6	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	114	%	57-148		1	10/11/18 08:15	10/12/18 23:14	1868-53-7	
Toluene-d8 (S)	107	%	58-142		1	10/11/18 08:15	10/12/18 23:14	2037-26-5	
4-Bromofluorobenzene (S)	93	%	48-130		1	10/11/18 08:15	10/12/18 23:14	460-00-4	
<b>Percent Moisture</b>									
Analytical Method: ASTM D2974-87									
Percent Moisture	19.2	%	0.10	0.10	1		10/11/18 15:51		

### REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 16-1304 BAY TOWEL

Pace Project No.: 40177343

**Sample: METH BLANK**      **Lab ID: 40177343081**      Collected: 10/09/18 00:00      Received: 10/09/18 14:30      Matrix: Solid

*Results reported on a "wet-weight" basis*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
Benzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 17:49	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 17:49	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 17:49	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 17:49	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 17:49	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	10/11/18 08:15	10/12/18 17:49	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 17:49	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 17:49	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 17:49	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 17:49	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 17:49	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	10/11/18 08:15	10/12/18 17:49	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	10/11/18 08:15	10/12/18 17:49	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 17:49	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 17:49	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 17:49	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	10/11/18 08:15	10/12/18 17:49	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 17:49	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 17:49	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 17:49	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 17:49	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 17:49	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 17:49	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 17:49	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 17:49	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 17:49	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 17:49	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 17:49	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 17:49	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 17:49	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 17:49	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 17:49	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 17:49	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 17:49	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 17:49	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 17:49	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 17:49	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 17:49	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 17:49	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 17:49	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 17:49	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 17:49	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	10/11/18 08:15	10/12/18 17:49	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 17:49	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 17:49	100-42-5	W

### REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 16-1304 BAY TOWEL

Pace Project No.: 40177343

**Sample: METH BLANK**      **Lab ID: 40177343081**      Collected: 10/09/18 00:00      Received: 10/09/18 14:30      Matrix: Solid

*Results reported on a "wet-weight" basis*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 17:49	630-20-6	W
1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 17:49	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 17:49	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 17:49	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 17:49	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	10/11/18 08:15	10/12/18 17:49	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 17:49	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 17:49	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 17:49	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 17:49	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 17:49	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 17:49	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 17:49	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 17:49	75-01-4	W
m&p-Xylene	<50.0	ug/kg	120	50.0	1	10/11/18 08:15	10/12/18 17:49	179601-23-1	W
o-Xylene	<25.0	ug/kg	60.0	25.0	1	10/11/18 08:15	10/12/18 17:49	95-47-6	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	114	%	57-148		1	10/11/18 08:15	10/12/18 17:49	1868-53-7	
Toluene-d8 (S)	108	%	58-142		1	10/11/18 08:15	10/12/18 17:49	2037-26-5	
4-Bromofluorobenzene (S)	104	%	48-130		1	10/11/18 08:15	10/12/18 17:49	460-00-4	

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### QUALITY CONTROL DATA

Project: 16-1304 BAY TOWEL

Pace Project No.: 40177343

QC Batch: 302934 Analysis Method: EPA 8260  
 QC Batch Method: EPA 5035/5030B Analysis Description: 8260 MSV Med Level Normal List  
 Associated Lab Samples: 40177343002, 40177343003, 40177343005, 40177343006, 40177343007, 40177343009, 40177343010,  
 40177343011, 40177343013, 40177343014, 40177343015

METHOD BLANK: 1769309 Matrix: Solid  
 Associated Lab Samples: 40177343002, 40177343003, 40177343005, 40177343006, 40177343007, 40177343009, 40177343010,  
 40177343011, 40177343013, 40177343014, 40177343015

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	<13.7	50.0	10/12/18 08:37	
1,1,1-Trichloroethane	ug/kg	<14.4	50.0	10/12/18 08:37	
1,1,2,2-Tetrachloroethane	ug/kg	<17.5	50.0	10/12/18 08:37	
1,1,2-Trichloroethane	ug/kg	<20.2	50.0	10/12/18 08:37	
1,1-Dichloroethane	ug/kg	<17.6	50.0	10/12/18 08:37	
1,1-Dichloroethene	ug/kg	<17.6	50.0	10/12/18 08:37	
1,1-Dichloropropene	ug/kg	<14.0	50.0	10/12/18 08:37	
1,2,3-Trichlorobenzene	ug/kg	<17.0	50.0	10/12/18 08:37	
1,2,3-Trichloropropane	ug/kg	<22.3	50.0	10/12/18 08:37	
1,2,4-Trichlorobenzene	ug/kg	<47.6	250	10/12/18 08:37	
1,2,4-Trimethylbenzene	ug/kg	<12.2	50.0	10/12/18 08:37	
1,2-Dibromo-3-chloropropane	ug/kg	<91.2	250	10/12/18 08:37	
1,2-Dibromoethane (EDB)	ug/kg	<14.7	50.0	10/12/18 08:37	
1,2-Dichlorobenzene	ug/kg	<16.2	50.0	10/12/18 08:37	
1,2-Dichloroethane	ug/kg	<15.0	50.0	10/12/18 08:37	
1,2-Dichloropropane	ug/kg	<16.8	50.0	10/12/18 08:37	
1,3,5-Trimethylbenzene	ug/kg	<14.5	50.0	10/12/18 08:37	
1,3-Dichlorobenzene	ug/kg	<13.2	50.0	10/12/18 08:37	
1,3-Dichloropropane	ug/kg	<12.0	50.0	10/12/18 08:37	
1,4-Dichlorobenzene	ug/kg	<15.9	50.0	10/12/18 08:37	
2,2-Dichloropropane	ug/kg	<12.6	50.0	10/12/18 08:37	
2-Chlorotoluene	ug/kg	<15.8	50.0	10/12/18 08:37	
4-Chlorotoluene	ug/kg	<13.0	50.0	10/12/18 08:37	
Benzene	ug/kg	<9.2	20.0	10/12/18 08:37	
Bromobenzene	ug/kg	<20.6	50.0	10/12/18 08:37	
Bromochloromethane	ug/kg	<21.4	50.0	10/12/18 08:37	
Bromodichloromethane	ug/kg	<9.8	50.0	10/12/18 08:37	
Bromoform	ug/kg	<19.8	50.0	10/12/18 08:37	
Bromomethane	ug/kg	<69.9	250	10/12/18 08:37	
Carbon tetrachloride	ug/kg	<12.1	50.0	10/12/18 08:37	
Chlorobenzene	ug/kg	<14.8	50.0	10/12/18 08:37	
Chloroethane	ug/kg	<67.0	250	10/12/18 08:37	
Chloroform	ug/kg	<46.4	250	10/12/18 08:37	
Chloromethane	ug/kg	<20.4	50.0	10/12/18 08:37	
cis-1,2-Dichloroethene	ug/kg	<16.6	50.0	10/12/18 08:37	
cis-1,3-Dichloropropene	ug/kg	<16.6	50.0	10/12/18 08:37	
Dibromochloromethane	ug/kg	<17.9	50.0	10/12/18 08:37	
Dibromomethane	ug/kg	<19.3	50.0	10/12/18 08:37	
Dichlorodifluoromethane	ug/kg	<12.3	50.0	10/12/18 08:37	
Diisopropyl ether	ug/kg	<17.7	50.0	10/12/18 08:37	

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: 16-1304 BAY TOWEL

Pace Project No.: 40177343

METHOD BLANK: 1769309

Matrix: Solid

Associated Lab Samples: 40177343002, 40177343003, 40177343005, 40177343006, 40177343007, 40177343009, 40177343010, 40177343011, 40177343013, 40177343014, 40177343015

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/kg	<12.4	50.0	10/12/18 08:37	
Hexachloro-1,3-butadiene	ug/kg	<24.5	50.0	10/12/18 08:37	
Isopropylbenzene (Cumene)	ug/kg	<12.6	50.0	10/12/18 08:37	
m&p-Xylene	ug/kg	<34.4	100	10/12/18 08:37	
Methyl-tert-butyl ether	ug/kg	<12.7	50.0	10/12/18 08:37	
Methylene Chloride	ug/kg	19.4J	50.0	10/12/18 08:37	
n-Butylbenzene	ug/kg	15.2J	50.0	10/12/18 08:37	
n-Propylbenzene	ug/kg	<11.6	50.0	10/12/18 08:37	
Naphthalene	ug/kg	<40.0	250	10/12/18 08:37	
o-Xylene	ug/kg	<14.0	50.0	10/12/18 08:37	
p-Isopropyltoluene	ug/kg	<12.0	50.0	10/12/18 08:37	
sec-Butylbenzene	ug/kg	<11.9	50.0	10/12/18 08:37	
Styrene	ug/kg	<9.0	50.0	10/12/18 08:37	
tert-Butylbenzene	ug/kg	<9.5	50.0	10/12/18 08:37	
Tetrachloroethene	ug/kg	<12.9	50.0	10/12/18 08:37	
Toluene	ug/kg	<11.2	50.0	10/12/18 08:37	
trans-1,2-Dichloroethene	ug/kg	<16.5	50.0	10/12/18 08:37	
trans-1,3-Dichloropropene	ug/kg	<14.4	50.0	10/12/18 08:37	
Trichloroethene	ug/kg	<23.6	50.0	10/12/18 08:37	
Trichlorofluoromethane	ug/kg	<24.7	50.0	10/12/18 08:37	
Vinyl chloride	ug/kg	<21.1	50.0	10/12/18 08:37	
4-Bromofluorobenzene (S)	%	96	48-130	10/12/18 08:37	
Dibromofluoromethane (S)	%	100	57-148	10/12/18 08:37	
Toluene-d8 (S)	%	111	58-142	10/12/18 08:37	

LABORATORY CONTROL SAMPLE: 1769310

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/kg	2500	2310	92	70-130	
1,1,2,2-Tetrachloroethane	ug/kg	2500	2200	88	68-130	
1,1,2-Trichloroethane	ug/kg	2500	2170	87	70-130	
1,1-Dichloroethane	ug/kg	2500	2470	99	67-132	
1,1-Dichloroethene	ug/kg	2500	2310	92	67-128	
1,2,4-Trichlorobenzene	ug/kg	2500	2330	93	51-131	
1,2-Dibromo-3-chloropropane	ug/kg	2500	2070	83	49-117	
1,2-Dibromoethane (EDB)	ug/kg	2500	2450	98	70-130	
1,2-Dichlorobenzene	ug/kg	2500	2360	95	70-130	
1,2-Dichloroethane	ug/kg	2500	2310	92	65-137	
1,2-Dichloropropane	ug/kg	2500	2370	95	75-126	
1,3-Dichlorobenzene	ug/kg	2500	2220	89	70-130	
1,4-Dichlorobenzene	ug/kg	2500	2300	92	70-130	
Benzene	ug/kg	2500	2330	93	70-130	
Bromodichloromethane	ug/kg	2500	2520	101	70-130	

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### QUALITY CONTROL DATA

Project: 16-1304 BAY TOWEL

Pace Project No.: 40177343

LABORATORY CONTROL SAMPLE: 1769310

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromoform	ug/kg	2500	2210	88	57-117	
Bromomethane	ug/kg	2500	2050	82	48-135	
Carbon tetrachloride	ug/kg	2500	2490	100	65-133	
Chlorobenzene	ug/kg	2500	2470	99	70-130	
Chloroethane	ug/kg	2500	2110	85	37-165	
Chloroform	ug/kg	2500	2290	92	72-126	
Chloromethane	ug/kg	2500	1670	67	34-120	
cis-1,2-Dichloroethene	ug/kg	2500	2310	92	70-130	
cis-1,3-Dichloropropene	ug/kg	2500	2190	87	69-130	
Dibromochloromethane	ug/kg	2500	2520	101	68-130	
Dichlorodifluoromethane	ug/kg	2500	1290	52	22-100	
Ethylbenzene	ug/kg	2500	2640	106	79-121	
Isopropylbenzene (Cumene)	ug/kg	2500	2660	106	70-130	
m&p-Xylene	ug/kg	5000	5090	102	70-130	
Methyl-tert-butyl ether	ug/kg	2500	2180	87	66-129	
Methylene Chloride	ug/kg	2500	2230	89	68-129	
o-Xylene	ug/kg	2500	2570	103	70-130	
Styrene	ug/kg	2500	2740	110	70-130	
Tetrachloroethene	ug/kg	2500	2590	104	70-130	
Toluene	ug/kg	2500	2430	97	80-123	
trans-1,2-Dichloroethene	ug/kg	2500	2220	89	70-130	
trans-1,3-Dichloropropene	ug/kg	2500	2460	98	67-130	
Trichloroethene	ug/kg	2500	2440	97	70-130	
Trichlorofluoromethane	ug/kg	2500	2500	100	64-134	
Vinyl chloride	ug/kg	2500	2100	84	52-122	
4-Bromofluorobenzene (S)	%			95	48-130	
Dibromofluoromethane (S)	%			94	57-148	
Toluene-d8 (S)	%			105	58-142	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1769311 1769312

Parameter	Units	40177343003 Result	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
			Spike Conc.	MS Spike Conc.	MSD Spike Conc.	MS Result						
1,1,1-Trichloroethane	ug/kg	<25.0	1530	1530	1510	1490	99	98	62-130	1	20	
1,1,2,2-Tetrachloroethane	ug/kg	<25.0	1530	1530	1580	1630	103	107	64-137	3	20	
1,1,2-Trichloroethane	ug/kg	<25.0	1530	1530	1520	1490	100	98	70-130	2	20	
1,1-Dichloroethane	ug/kg	<25.0	1530	1530	1610	1620	105	106	65-132	1	20	
1,1-Dichloroethene	ug/kg	<25.0	1530	1530	1350	1470	88	96	50-128	9	21	
1,2,4-Trichlorobenzene	ug/kg	<47.6	1530	1530	1740	1720	112	110	51-148	2	20	
1,2-Dibromo-3-chloropropane	ug/kg	<91.2	1530	1530	1650	1570	108	103	43-134	5	23	
1,2-Dibromoethane (EDB)	ug/kg	<25.0	1530	1530	1660	1600	108	105	70-130	4	20	
1,2-Dichlorobenzene	ug/kg	<25.0	1530	1530	1720	1660	112	109	70-130	3	20	
1,2-Dichloroethane	ug/kg	<25.0	1530	1530	1630	1650	106	108	65-139	2	20	
1,2-Dichloropropane	ug/kg	<25.0	1530	1530	1580	1550	103	101	74-128	2	20	

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### QUALITY CONTROL DATA

Project: 16-1304 BAY TOWEL

Pace Project No.: 40177343

Parameter	Units	40177343003		MS		MSD		MS		MSD		% Rec	Limits	RPD	Max RPD	Qual
		Result	MS Spike Conc.	MSD Spike Conc.	Result	MSD Result	% Rec	MSD % Rec								
1,3-Dichlorobenzene	ug/kg	<25.0	1530	1530	1620	1610	106	105	70-130	0	20					
1,4-Dichlorobenzene	ug/kg	<25.0	1530	1530	1650	1530	108	100	70-130	8	20					
Benzene	ug/kg	<25.0	1530	1530	1580	1580	103	103	66-132	0	20					
Bromodichloromethane	ug/kg	<25.0	1530	1530	1710	1640	112	107	69-130	5	20					
Bromoform	ug/kg	<25.0	1530	1530	1480	1550	97	101	57-130	4	20					
Bromomethane	ug/kg	<69.9	1530	1530	1220	1340	79	87	34-145	10	20					
Carbon tetrachloride	ug/kg	<25.0	1530	1530	1650	1660	108	109	54-133	1	20					
Chlorobenzene	ug/kg	<25.0	1530	1530	1670	1640	109	107	70-130	2	20					
Chloroethane	ug/kg	<67.0	1530	1530	1340	1300	88	85	33-165	4	20					
Chloroform	ug/kg	<46.4	1530	1530	1640	1650	107	108	72-128	1	20					
Chloromethane	ug/kg	<25.0	1530	1530	1100	1070	72	70	20-120	3	20					
cis-1,2-Dichloroethene	ug/kg	<25.0	1530	1530	1570	1620	102	106	69-130	3	20					
cis-1,3-Dichloropropene	ug/kg	<25.0	1530	1530	1420	1400	93	91	65-130	2	20					
Dibromochloromethane	ug/kg	<25.0	1530	1530	1650	1680	108	110	65-130	2	20					
Dichlorodifluoromethane	ug/kg	<25.0	1530	1530	925	924	61	60	10-109	0	29					
Ethylbenzene	ug/kg	<25.0	1530	1530	1650	1630	108	106	63-127	2	20					
Isopropylbenzene (Cumene)	ug/kg	<25.0	1530	1530	1690	1640	110	107	66-130	3	20					
m&p-Xylene	ug/kg	<50.0	3060	3060	3390	3180	111	104	70-130	6	20					
Methyl-tert-butyl ether	ug/kg	<25.0	1530	1530	1540	1420	101	93	62-135	8	20					
Methylene Chloride	ug/kg	<25.0	1530	1530	1520	1430	98	92	68-129	6	20					
o-Xylene	ug/kg	<25.0	1530	1530	1740	1680	114	110	69-130	4	20					
Styrene	ug/kg	<25.0	1530	1530	1780	1750	116	115	70-130	2	20					
Tetrachloroethene	ug/kg	883	1530	1530	2410	2570	100	110	70-130	6	20					
Toluene	ug/kg	<25.0	1530	1530	1560	1560	102	102	80-123	0	20					
trans-1,2-Dichloroethene	ug/kg	<25.0	1530	1530	1550	1360	102	89	70-130	13	20					
trans-1,3-Dichloropropene	ug/kg	<25.0	1530	1530	1610	1600	106	105	67-130	1	20					
Trichloroethene	ug/kg	<25.0	1530	1530	1600	1570	103	101	70-130	2	20					
Trichlorofluoromethane	ug/kg	<25.0	1530	1530	1400	1570	92	103	41-134	11	26					
Vinyl chloride	ug/kg	<25.0	1530	1530	1250	1190	82	78	39-122	5	20					
4-Bromofluorobenzene (S)	%						101	99	48-130							
Dibromofluoromethane (S)	%						106	106	57-148							
Toluene-d8 (S)	%						110	105	58-142							

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### QUALITY CONTROL DATA

Project: 16-1304 BAY TOWEL  
Pace Project No.: 40177343

METHOD BLANK: 1769313

Matrix: Solid

Associated Lab Samples: 40177343001, 40177343017, 40177343018, 40177343019, 40177343021, 40177343022, 40177343023, 40177343025, 40177343026, 40177343027, 40177343029, 40177343030, 40177343031, 40177343077, 40177343078, 40177343079, 40177343081

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dichlorodifluoromethane	ug/kg	<12.3	50.0	10/12/18 08:38	
Diisopropyl ether	ug/kg	<17.7	50.0	10/12/18 08:38	
Ethylbenzene	ug/kg	<12.4	50.0	10/12/18 08:38	
Hexachloro-1,3-butadiene	ug/kg	<24.5	50.0	10/12/18 08:38	
Isopropylbenzene (Cumene)	ug/kg	<12.6	50.0	10/12/18 08:38	
m&p-Xylene	ug/kg	<34.4	100	10/12/18 08:38	
Methyl-tert-butyl ether	ug/kg	<12.7	50.0	10/12/18 08:38	
Methylene Chloride	ug/kg	25.2J	50.0	10/12/18 08:38	
n-Butylbenzene	ug/kg	12.6J	50.0	10/12/18 08:38	
n-Propylbenzene	ug/kg	<11.6	50.0	10/12/18 08:38	
Naphthalene	ug/kg	<40.0	250	10/12/18 08:38	
o-Xylene	ug/kg	<14.0	50.0	10/12/18 08:38	
p-Isopropyltoluene	ug/kg	<12.0	50.0	10/12/18 08:38	
sec-Butylbenzene	ug/kg	<11.9	50.0	10/12/18 08:38	
Styrene	ug/kg	<9.0	50.0	10/12/18 08:38	
tert-Butylbenzene	ug/kg	<9.5	50.0	10/12/18 08:38	
Tetrachloroethene	ug/kg	<12.9	50.0	10/12/18 08:38	
Toluene	ug/kg	<11.2	50.0	10/12/18 08:38	
trans-1,2-Dichloroethene	ug/kg	<16.5	50.0	10/12/18 08:38	
trans-1,3-Dichloropropene	ug/kg	<14.4	50.0	10/12/18 08:38	
Trichloroethene	ug/kg	<23.6	50.0	10/12/18 08:38	
Trichlorofluoromethane	ug/kg	<24.7	50.0	10/12/18 08:38	
Vinyl chloride	ug/kg	<21.1	50.0	10/12/18 08:38	
4-Bromofluorobenzene (S)	%	98	48-130	10/12/18 08:38	
Dibromofluoromethane (S)	%	111	57-148	10/12/18 08:38	
Toluene-d8 (S)	%	109	58-142	10/12/18 08:38	

LABORATORY CONTROL SAMPLE: 1769314

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/kg	2500	2890	115	70-130	
1,1,2,2-Tetrachloroethane	ug/kg	2500	2740	109	68-130	
1,1,2-Trichloroethane	ug/kg	2500	2720	109	70-130	
1,1-Dichloroethane	ug/kg	2500	3110	124	67-132	
1,1-Dichloroethene	ug/kg	2500	2950	118	67-128	
1,2,4-Trichlorobenzene	ug/kg	2500	2260	90	51-131	
1,2-Dibromo-3-chloropropane	ug/kg	2500	2490	99	49-117	
1,2-Dibromoethane (EDB)	ug/kg	2500	2720	109	70-130	
1,2-Dichlorobenzene	ug/kg	2500	2440	97	70-130	
1,2-Dichloroethane	ug/kg	2500	3030	121	65-137	
1,2-Dichloropropane	ug/kg	2500	2630	105	75-126	
1,3-Dichlorobenzene	ug/kg	2500	2500	100	70-130	

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### QUALITY CONTROL DATA

Project: 16-1304 BAY TOWEL

Pace Project No.: 40177343

LABORATORY CONTROL SAMPLE: 1769314

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,4-Dichlorobenzene	ug/kg	2500	2440	98	70-130	
Benzene	ug/kg	2500	2920	117	70-130	
Bromodichloromethane	ug/kg	2500	2470	99	70-130	
Bromoform	ug/kg	2500	1910	77	57-117	
Bromomethane	ug/kg	2500	3210	128	48-135	
Carbon tetrachloride	ug/kg	2500	2630	105	65-133	
Chlorobenzene	ug/kg	2500	2580	103	70-130	
Chloroethane	ug/kg	2500	3440	138	37-165	
Chloroform	ug/kg	2500	2880	115	72-126	
Chloromethane	ug/kg	2500	2470	99	34-120	
cis-1,2-Dichloroethene	ug/kg	2500	2710	108	70-130	
cis-1,3-Dichloropropene	ug/kg	2500	2500	100	69-130	
Dibromochloromethane	ug/kg	2500	2450	98	68-130	
Dichlorodifluoromethane	ug/kg	2500	1780	71	22-100	
Ethylbenzene	ug/kg	2500	2680	107	79-121	
Isopropylbenzene (Cumene)	ug/kg	2500	2520	101	70-130	
m&p-Xylene	ug/kg	5000	5320	106	70-130	
Methyl-tert-butyl ether	ug/kg	2500	2830	113	66-129	
Methylene Chloride	ug/kg	2500	2800	112	68-129	
o-Xylene	ug/kg	2500	2610	104	70-130	
Styrene	ug/kg	2500	2750	110	70-130	
Tetrachloroethene	ug/kg	2500	2400	96	70-130	
Toluene	ug/kg	2500	2620	105	80-123	
trans-1,2-Dichloroethene	ug/kg	2500	2810	112	70-130	
trans-1,3-Dichloropropene	ug/kg	2500	2630	105	67-130	
Trichloroethene	ug/kg	2500	2620	105	70-130	
Trichlorofluoromethane	ug/kg	2500	2970	119	64-134	
Vinyl chloride	ug/kg	2500	2830	113	52-122	
4-Bromofluorobenzene (S)	%			106	48-130	
Dibromofluoromethane (S)	%			119	57-148	
Toluene-d8 (S)	%			112	58-142	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1769315 1769316

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual	
		40177343077 Result	Spike Conc.	Spike Conc.	MS Result							MSD Result
1,1,1-Trichloroethane	ug/kg	<25.0	1310	1310	1450	1450	111	111	62-130	0	20	
1,1,2,2-Tetrachloroethane	ug/kg	<25.0	1310	1310	1540	1480	118	113	64-137	4	20	
1,1,2-Trichloroethane	ug/kg	<25.0	1310	1310	1540	1470	118	112	70-130	5	20	
1,1-Dichloroethane	ug/kg	<25.0	1310	1310	1620	1610	124	123	65-132	1	20	
1,1-Dichloroethene	ug/kg	<25.0	1310	1310	1430	1370	109	105	50-128	4	21	
1,2,4-Trichlorobenzene	ug/kg	<47.6	1310	1310	1280	1270	95	94	51-148	1	20	
1,2-Dibromo-3-chloropropane	ug/kg	<91.2	1310	1310	1360	1290	104	99	43-134	5	23	
1,2-Dibromoethane (EDB)	ug/kg	<25.0	1310	1310	1390	1420	106	108	70-130	2	20	

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### QUALITY CONTROL DATA

Project: 16-1304 BAY TOWEL

Pace Project No.: 40177343

Parameter	Units	1769315		1769316		MS % Rec	MSD % Rec	% Rec	Limits	RPD	Max RPD	Qual
		40177343077 Result	MS Spike Conc.	MSD Spike Conc.	MS Result							
1,2-Dichlorobenzene	ug/kg	<25.0	1310	1310	1450	1360	111	104	70-130	6	20	
1,2-Dichloroethane	ug/kg	<25.0	1310	1310	1660	1650	127	127	65-139	0	20	
1,2-Dichloropropane	ug/kg	<25.0	1310	1310	1350	1350	103	103	74-128	0	20	
1,3-Dichlorobenzene	ug/kg	<25.0	1310	1310	1400	1380	106	104	70-130	2	20	
1,4-Dichlorobenzene	ug/kg	<25.0	1310	1310	1360	1360	103	103	70-130	0	20	
Benzene	ug/kg	<25.0	1310	1310	1510	1510	116	116	66-132	0	20	
Bromodichloromethane	ug/kg	<25.0	1310	1310	1270	1270	98	97	69-130	0	20	
Bromoform	ug/kg	<25.0	1310	1310	1070	1090	82	84	57-130	2	20	
Bromomethane	ug/kg	<69.9	1310	1310	1600	1490	123	114	34-145	7	20	
Carbon tetrachloride	ug/kg	<25.0	1310	1310	1310	1300	100	99	54-133	1	20	
Chlorobenzene	ug/kg	<25.0	1310	1310	1350	1410	104	108	70-130	4	20	
Chloroethane	ug/kg	<67.0	1310	1310	1760	1600	135	123	33-165	9	20	
Chloroform	ug/kg	<46.4	1310	1310	1480	1540	114	118	72-128	4	20	
Chloromethane	ug/kg	<25.0	1310	1310	1220	1140	93	87	20-120	6	20	
cis-1,2-Dichloroethene	ug/kg	<25.0	1310	1310	1450	1380	111	106	69-130	4	20	
cis-1,3-Dichloropropene	ug/kg	<25.0	1310	1310	1220	1280	93	98	65-130	5	20	
Dibromochloromethane	ug/kg	<25.0	1310	1310	1280	1270	98	97	65-130	1	20	
Dichlorodifluoromethane	ug/kg	<25.0	1310	1310	1020	931	78	71	10-109	9	29	
Ethylbenzene	ug/kg	<25.0	1310	1310	1380	1410	105	108	63-127	2	20	
Isopropylbenzene (Cumene)	ug/kg	<25.0	1310	1310	1330	1360	102	104	66-130	2	20	
m&p-Xylene	ug/kg	<50.0	2610	2610	2810	2850	108	109	70-130	1	20	
Methyl-tert-butyl ether	ug/kg	<25.0	1310	1310	1480	1450	113	111	62-135	2	20	
Methylene Chloride	ug/kg	<25.0	1310	1310	1490	1440	114	110	68-129	4	20	
o-Xylene	ug/kg	<25.0	1310	1310	1370	1400	105	107	69-130	2	20	
Styrene	ug/kg	<25.0	1310	1310	1410	1470	108	113	70-130	5	20	
Tetrachloroethene	ug/kg	61.7J	1310	1310	1270	1300	93	95	70-130	2	20	
Toluene	ug/kg	<25.0	1310	1310	1360	1410	104	108	80-123	4	20	
trans-1,2-Dichloroethene	ug/kg	<25.0	1310	1310	1390	1360	106	104	70-130	2	20	
trans-1,3-Dichloropropene	ug/kg	<25.0	1310	1310	1300	1360	100	104	67-130	4	20	
Trichloroethene	ug/kg	<25.0	1310	1310	1350	1340	102	101	70-130	1	20	
Trichlorofluoromethane	ug/kg	<25.0	1310	1310	1660	1350	127	103	41-134	21	26	
Vinyl chloride	ug/kg	<25.0	1310	1310	1290	1250	99	95	39-122	3	20	
4-Bromofluorobenzene (S)	%						108	106	48-130			
Dibromofluoromethane (S)	%						125	115	57-148			
Toluene-d8 (S)	%						117	112	58-142			

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### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: 16-1304 BAY TOWEL

Pace Project No.: 40177343

QC Batch: 303741 Analysis Method: EPA 8260  
 QC Batch Method: EPA 5035/5030B Analysis Description: 8260 MSV Med Level Normal List  
 Associated Lab Samples: 40177343034, 40177343037, 40177343038, 40177343049, 40177343050, 40177343053, 40177343054,  
 40177343057, 40177343058, 40177343059, 40177343060, 40177343061, 40177343062, 40177343063,  
 40177343065, 40177343066, 40177343067, 40177343068, 40177343069, 40177343071

METHOD BLANK: 1774140

Matrix: Solid

Associated Lab Samples: 40177343034, 40177343037, 40177343038, 40177343049, 40177343050, 40177343053, 40177343054,  
 40177343057, 40177343058, 40177343059, 40177343060, 40177343061, 40177343062, 40177343063,  
 40177343065, 40177343066, 40177343067, 40177343068, 40177343069, 40177343071

Parameter	Units	Blank Reporting		Analyzed	Qualifiers
		Result	Limit		
1,1,1,2-Tetrachloroethane	ug/kg	<13.7	50.0	10/19/18 10:33	
1,1,1-Trichloroethane	ug/kg	<14.4	50.0	10/19/18 10:33	
1,1,2,2-Tetrachloroethane	ug/kg	<17.5	50.0	10/19/18 10:33	
1,1,2-Trichloroethane	ug/kg	<20.2	50.0	10/19/18 10:33	
1,1-Dichloroethane	ug/kg	<17.6	50.0	10/19/18 10:33	
1,1-Dichloroethene	ug/kg	<17.6	50.0	10/19/18 10:33	
1,1-Dichloropropene	ug/kg	<14.0	50.0	10/19/18 10:33	
1,2,3-Trichlorobenzene	ug/kg	<17.0	50.0	10/19/18 10:33	
1,2,3-Trichloropropane	ug/kg	<22.3	50.0	10/19/18 10:33	
1,2,4-Trichlorobenzene	ug/kg	<47.6	250	10/19/18 10:33	
1,2,4-Trimethylbenzene	ug/kg	<12.2	50.0	10/19/18 10:33	
1,2-Dibromo-3-chloropropane	ug/kg	<91.2	250	10/19/18 10:33	
1,2-Dibromoethane (EDB)	ug/kg	<14.7	50.0	10/19/18 10:33	
1,2-Dichlorobenzene	ug/kg	<16.2	50.0	10/19/18 10:33	
1,2-Dichloroethane	ug/kg	<15.0	50.0	10/19/18 10:33	
1,2-Dichloropropane	ug/kg	<16.8	50.0	10/19/18 10:33	
1,3,5-Trimethylbenzene	ug/kg	<14.5	50.0	10/19/18 10:33	
1,3-Dichlorobenzene	ug/kg	<13.2	50.0	10/19/18 10:33	
1,3-Dichloropropane	ug/kg	<12.0	50.0	10/19/18 10:33	
1,4-Dichlorobenzene	ug/kg	<15.9	50.0	10/19/18 10:33	
2,2-Dichloropropane	ug/kg	<12.6	50.0	10/19/18 10:33	
2-Chlorotoluene	ug/kg	<15.8	50.0	10/19/18 10:33	
4-Chlorotoluene	ug/kg	<13.0	50.0	10/19/18 10:33	
Benzene	ug/kg	<9.2	20.0	10/19/18 10:33	
Bromobenzene	ug/kg	<20.6	50.0	10/19/18 10:33	
Bromochloromethane	ug/kg	<21.4	50.0	10/19/18 10:33	
Bromodichloromethane	ug/kg	<9.8	50.0	10/19/18 10:33	
Bromoform	ug/kg	<19.8	50.0	10/19/18 10:33	
Bromomethane	ug/kg	<69.9	250	10/19/18 10:33	
Carbon tetrachloride	ug/kg	<12.1	50.0	10/19/18 10:33	
Chlorobenzene	ug/kg	<14.8	50.0	10/19/18 10:33	
Chloroethane	ug/kg	<67.0	250	10/19/18 10:33	
Chloroform	ug/kg	<46.4	250	10/19/18 10:33	
Chloromethane	ug/kg	<20.4	50.0	10/19/18 10:33	
cis-1,2-Dichloroethene	ug/kg	<16.6	50.0	10/19/18 10:33	
cis-1,3-Dichloropropene	ug/kg	<16.6	50.0	10/19/18 10:33	
Dibromochloromethane	ug/kg	<17.9	50.0	10/19/18 10:33	
Dibromomethane	ug/kg	<19.3	50.0	10/19/18 10:33	

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### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: 16-1304 BAY TOWEL

Pace Project No.: 40177343

METHOD BLANK: 1774140

Matrix: Solid

Associated Lab Samples: 40177343034, 40177343037, 40177343038, 40177343049, 40177343050, 40177343053, 40177343054, 40177343057, 40177343058, 40177343059, 40177343060, 40177343061, 40177343062, 40177343063, 40177343065, 40177343066, 40177343067, 40177343068, 40177343069, 40177343071

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dichlorodifluoromethane	ug/kg	<12.3	50.0	10/19/18 10:33	
Diisopropyl ether	ug/kg	<17.7	50.0	10/19/18 10:33	
Ethylbenzene	ug/kg	<12.4	50.0	10/19/18 10:33	
Hexachloro-1,3-butadiene	ug/kg	<24.5	50.0	10/19/18 10:33	
Isopropylbenzene (Cumene)	ug/kg	<12.6	50.0	10/19/18 10:33	
m&p-Xylene	ug/kg	<34.4	100	10/19/18 10:33	
Methyl-tert-butyl ether	ug/kg	<12.7	50.0	10/19/18 10:33	
Methylene Chloride	ug/kg	<16.2	50.0	10/19/18 10:33	
n-Butylbenzene	ug/kg	<10.5	50.0	10/19/18 10:33	
n-Propylbenzene	ug/kg	<11.6	50.0	10/19/18 10:33	
Naphthalene	ug/kg	<40.0	250	10/19/18 10:33	
o-Xylene	ug/kg	<14.0	50.0	10/19/18 10:33	
p-Isopropyltoluene	ug/kg	<12.0	50.0	10/19/18 10:33	
sec-Butylbenzene	ug/kg	<11.9	50.0	10/19/18 10:33	
Styrene	ug/kg	<9.0	50.0	10/19/18 10:33	
tert-Butylbenzene	ug/kg	<9.5	50.0	10/19/18 10:33	
Tetrachloroethene	ug/kg	<12.9	50.0	10/19/18 10:33	
Toluene	ug/kg	<11.2	50.0	10/19/18 10:33	
trans-1,2-Dichloroethene	ug/kg	<16.5	50.0	10/19/18 10:33	
trans-1,3-Dichloropropene	ug/kg	<14.4	50.0	10/19/18 10:33	
Trichloroethene	ug/kg	<23.6	50.0	10/19/18 10:33	
Trichlorofluoromethane	ug/kg	<24.7	50.0	10/19/18 10:33	
Vinyl chloride	ug/kg	<21.1	50.0	10/19/18 10:33	
4-Bromofluorobenzene (S)	%	102	48-130	10/19/18 10:33	
Dibromofluoromethane (S)	%	104	57-148	10/19/18 10:33	
Toluene-d8 (S)	%	98	58-142	10/19/18 10:33	

LABORATORY CONTROL SAMPLE: 1774141

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/kg	2500	2630	105	70-130	
1,1,2,2-Tetrachloroethane	ug/kg	2500	2440	98	68-130	
1,1,2-Trichloroethane	ug/kg	2500	2550	102	70-130	
1,1-Dichloroethane	ug/kg	2500	2590	104	67-132	
1,1-Dichloroethene	ug/kg	2500	2450	98	67-128	
1,2,4-Trichlorobenzene	ug/kg	2500	2170	87	51-131	
1,2-Dibromo-3-chloropropane	ug/kg	2500	2260	91	49-117	
1,2-Dibromoethane (EDB)	ug/kg	2500	2290	92	70-130	
1,2-Dichlorobenzene	ug/kg	2500	2340	94	70-130	
1,2-Dichloroethane	ug/kg	2500	2710	108	65-137	
1,2-Dichloropropane	ug/kg	2500	2500	100	75-126	
1,3-Dichlorobenzene	ug/kg	2500	2380	95	70-130	

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### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: 16-1304 BAY TOWEL

Pace Project No.: 40177343

LABORATORY CONTROL SAMPLE: 1774141

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,4-Dichlorobenzene	ug/kg	2500	2400	96	70-130	
Benzene	ug/kg	2500	2760	110	70-130	
Bromodichloromethane	ug/kg	2500	2670	107	70-130	
Bromoform	ug/kg	2500	1830	73	57-117	
Bromomethane	ug/kg	2500	2440	98	48-135	
Carbon tetrachloride	ug/kg	2500	2500	100	65-133	
Chlorobenzene	ug/kg	2500	2420	97	70-130	
Chloroethane	ug/kg	2500	2230	89	37-165	
Chloroform	ug/kg	2500	2620	105	72-126	
Chloromethane	ug/kg	2500	1720	69	34-120	
cis-1,2-Dichloroethene	ug/kg	2500	2250	90	70-130	
cis-1,3-Dichloropropene	ug/kg	2500	2350	94	69-130	
Dibromochloromethane	ug/kg	2500	2290	92	68-130	
Dichlorodifluoromethane	ug/kg	2500	1840	74	22-100	
Ethylbenzene	ug/kg	2500	2580	103	79-121	
Isopropylbenzene (Cumene)	ug/kg	2500	2480	99	70-130	
m&p-Xylene	ug/kg	5000	4920	98	70-130	
Methyl-tert-butyl ether	ug/kg	2500	2530	101	66-129	
Methylene Chloride	ug/kg	2500	2370	95	68-129	
o-Xylene	ug/kg	2500	2370	95	70-130	
Styrene	ug/kg	2500	2530	101	70-130	
Tetrachloroethene	ug/kg	2500	2340	94	70-130	
Toluene	ug/kg	2500	2560	102	80-123	
trans-1,2-Dichloroethene	ug/kg	2500	2470	99	70-130	
trans-1,3-Dichloropropene	ug/kg	2500	2380	95	67-130	
Trichloroethene	ug/kg	2500	2620	105	70-130	
Trichlorofluoromethane	ug/kg	2500	2920	117	64-134	
Vinyl chloride	ug/kg	2500	2230	89	52-122	
4-Bromofluorobenzene (S)	%			118	48-130	
Dibromofluoromethane (S)	%			101	57-148	
Toluene-d8 (S)	%			104	58-142	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1774142 1774143

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40177343034	Spike Conc.	Spike Conc.	Result								
1,1,1-Trichloroethane	ug/kg	<25.0	1390	1390	1450	1410	105	102	62-130	3	20		
1,1,2,2-Tetrachloroethane	ug/kg	<25.0	1390	1390	1310	1430	94	103	64-137	9	20		
1,1,2-Trichloroethane	ug/kg	<25.0	1390	1390	1570	1520	114	110	70-130	4	20		
1,1-Dichloroethane	ug/kg	<25.0	1390	1390	1540	1500	111	108	65-132	3	20		
1,1-Dichloroethene	ug/kg	<25.0	1390	1390	1180	1130	85	82	50-128	4	21		
1,2,4-Trichlorobenzene	ug/kg	<47.6	1390	1390	1340	1400	94	99	51-148	4	20		
1,2-Dibromo-3-chloropropane	ug/kg	<91.2	1390	1390	1470	1340	106	97	43-134	9	23		
1,2-Dibromoethane (EDB)	ug/kg	<25.0	1390	1390	1400	1490	101	108	70-130	6	20		

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### QUALITY CONTROL DATA

Project: 16-1304 BAY TOWEL

Pace Project No.: 40177343

Parameter	Units	40177343034		MS		MSD		MS		MSD		% Rec	% Rec	Limits	RPD	Max RPD	Qual
		Result	Conc.	Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec								
1,2-Dichlorobenzene	ug/kg	<25.0	1390	1390	1390	1360	100	98	70-130	1	20						
1,2-Dichloroethane	ug/kg	<25.0	1390	1390	1580	1550	114	112	65-139	2	20						
1,2-Dichloropropane	ug/kg	<25.0	1390	1390	1380	1450	100	104	74-128	5	20						
1,3-Dichlorobenzene	ug/kg	<25.0	1390	1390	1410	1370	102	99	70-130	2	20						
1,4-Dichlorobenzene	ug/kg	<25.0	1390	1390	1530	1360	110	98	70-130	11	20						
Benzene	ug/kg	<25.0	1390	1390	1590	1560	113	111	66-132	2	20						
Bromodichloromethane	ug/kg	<25.0	1390	1390	1390	1490	100	107	69-130	7	20						
Bromoform	ug/kg	<25.0	1390	1390	1030	1140	74	82	57-130	11	20						
Bromomethane	ug/kg	<69.9	1390	1390	1380	1450	100	105	34-145	5	20						
Carbon tetrachloride	ug/kg	<25.0	1390	1390	1390	1290	100	93	54-133	8	20						
Chlorobenzene	ug/kg	<25.0	1390	1390	1390	1430	101	103	70-130	3	20						
Chloroethane	ug/kg	<67.0	1390	1390	1290	1090	93	79	33-165	16	20						
Chloroform	ug/kg	<46.4	1390	1390	1560	1560	113	113	72-128	0	20						
Chloromethane	ug/kg	<25.0	1390	1390	945	961	68	69	20-120	2	20						
cis-1,2-Dichloroethene	ug/kg	<25.0	1390	1390	1300	1360	94	98	69-130	4	20						
cis-1,3-Dichloropropene	ug/kg	<25.0	1390	1390	1370	1360	99	98	65-130	1	20						
Dibromochloromethane	ug/kg	<25.0	1390	1390	1220	1290	88	93	65-130	6	20						
Dichlorodifluoromethane	ug/kg	<25.0	1390	1390	909	932	66	67	10-109	2	29						
Ethylbenzene	ug/kg	<25.0	1390	1390	1390	1430	99	102	63-127	3	20						
Isopropylbenzene (Cumene)	ug/kg	<25.0	1390	1390	1360	1330	97	95	66-130	2	20						
m&p-Xylene	ug/kg	<50.0	2770	2770	2790	2760	100	98	70-130	1	20						
Methyl-tert-butyl ether	ug/kg	<25.0	1390	1390	1470	1510	106	109	62-135	2	20						
Methylene Chloride	ug/kg	40.6J	1390	1390	1390	1410	97	99	68-129	2	20						
o-Xylene	ug/kg	<25.0	1390	1390	1340	1380	95	98	69-130	3	20						
Styrene	ug/kg	<25.0	1390	1390	1460	1440	105	104	70-130	1	20						
Tetrachloroethene	ug/kg	828	1390	1390	2230	2160	101	96	70-130	3	20						
Toluene	ug/kg	<25.0	1390	1390	1410	1470	100	104	80-123	4	20						
trans-1,2-Dichloroethene	ug/kg	<25.0	1390	1390	1240	1280	89	92	70-130	3	20						
trans-1,3-Dichloropropene	ug/kg	<25.0	1390	1390	1280	1370	92	99	67-130	7	20						
Trichloroethene	ug/kg	79.3	1390	1390	1590	1620	109	112	70-130	2	20						
Trichlorofluoromethane	ug/kg	<25.0	1390	1390	1470	1370	106	99	41-134	7	26						
Vinyl chloride	ug/kg	<25.0	1390	1390	1140	1160	82	84	39-122	1	20						
4-Bromofluorobenzene (S)	%						113	106	48-130								
Dibromofluoromethane (S)	%						113	106	57-148								
Toluene-d8 (S)	%						108	101	58-142								

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### QUALITY CONTROL DATA

Project: 16-1304 BAY TOWEL

Pace Project No.: 40177343

QC Batch: 303759 Analysis Method: EPA 8260  
QC Batch Method: EPA 5035/5030B Analysis Description: 8260 MSV Med Level Normal List  
Associated Lab Samples: 40177343004, 40177343008, 40177343028, 40177343032, 40177343033

METHOD BLANK: 1774239 Matrix: Solid  
Associated Lab Samples: 40177343004, 40177343008, 40177343028, 40177343032, 40177343033

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	<13.7	50.0	10/19/18 17:43	
1,1,1-Trichloroethane	ug/kg	<14.4	50.0	10/19/18 17:43	
1,1,2,2-Tetrachloroethane	ug/kg	<17.5	50.0	10/19/18 17:43	
1,1,2-Trichloroethane	ug/kg	<20.2	50.0	10/19/18 17:43	
1,1-Dichloroethane	ug/kg	<17.6	50.0	10/19/18 17:43	
1,1-Dichloroethene	ug/kg	<17.6	50.0	10/19/18 17:43	
1,1-Dichloropropene	ug/kg	<14.0	50.0	10/19/18 17:43	
1,2,3-Trichlorobenzene	ug/kg	<17.0	50.0	10/19/18 17:43	
1,2,3-Trichloropropane	ug/kg	<22.3	50.0	10/19/18 17:43	
1,2,4-Trichlorobenzene	ug/kg	<47.6	250	10/19/18 17:43	
1,2,4-Trimethylbenzene	ug/kg	<12.2	50.0	10/19/18 17:43	
1,2-Dibromo-3-chloropropane	ug/kg	<91.2	250	10/19/18 17:43	
1,2-Dibromoethane (EDB)	ug/kg	<14.7	50.0	10/19/18 17:43	
1,2-Dichlorobenzene	ug/kg	<16.2	50.0	10/19/18 17:43	
1,2-Dichloroethane	ug/kg	<15.0	50.0	10/19/18 17:43	
1,2-Dichloropropane	ug/kg	<16.8	50.0	10/19/18 17:43	
1,3,5-Trimethylbenzene	ug/kg	<14.5	50.0	10/19/18 17:43	
1,3-Dichlorobenzene	ug/kg	<13.2	50.0	10/19/18 17:43	
1,3-Dichloropropane	ug/kg	<12.0	50.0	10/19/18 17:43	
1,4-Dichlorobenzene	ug/kg	<15.9	50.0	10/19/18 17:43	
2,2-Dichloropropane	ug/kg	<12.6	50.0	10/19/18 17:43	
2-Chlorotoluene	ug/kg	<15.8	50.0	10/19/18 17:43	
4-Chlorotoluene	ug/kg	<13.0	50.0	10/19/18 17:43	
Benzene	ug/kg	<9.2	20.0	10/19/18 17:43	
Bromobenzene	ug/kg	<20.6	50.0	10/19/18 17:43	
Bromochloromethane	ug/kg	<21.4	50.0	10/19/18 17:43	
Bromodichloromethane	ug/kg	<9.8	50.0	10/19/18 17:43	
Bromoform	ug/kg	<19.8	50.0	10/19/18 17:43	
Bromomethane	ug/kg	<69.9	250	10/19/18 17:43	
Carbon tetrachloride	ug/kg	<12.1	50.0	10/19/18 17:43	
Chlorobenzene	ug/kg	<14.8	50.0	10/19/18 17:43	
Chloroethane	ug/kg	<67.0	250	10/19/18 17:43	
Chloroform	ug/kg	<46.4	250	10/19/18 17:43	
Chloromethane	ug/kg	<20.4	50.0	10/19/18 17:43	
cis-1,2-Dichloroethene	ug/kg	<16.6	50.0	10/19/18 17:43	
cis-1,3-Dichloropropene	ug/kg	<16.6	50.0	10/19/18 17:43	
Dibromochloromethane	ug/kg	<17.9	50.0	10/19/18 17:43	
Dibromomethane	ug/kg	<19.3	50.0	10/19/18 17:43	
Dichlorodifluoromethane	ug/kg	<12.3	50.0	10/19/18 17:43	
Diisopropyl ether	ug/kg	<17.7	50.0	10/19/18 17:43	
Ethylbenzene	ug/kg	<12.4	50.0	10/19/18 17:43	

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### QUALITY CONTROL DATA

Project: 16-1304 BAY TOWEL

Pace Project No.: 40177343

METHOD BLANK: 1774239

Matrix: Solid

Associated Lab Samples: 40177343004, 40177343008, 40177343028, 40177343032, 40177343033

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Hexachloro-1,3-butadiene	ug/kg	<24.5	50.0	10/19/18 17:43	
Isopropylbenzene (Cumene)	ug/kg	<12.6	50.0	10/19/18 17:43	
m&p-Xylene	ug/kg	<34.4	100	10/19/18 17:43	
Methyl-tert-butyl ether	ug/kg	<12.7	50.0	10/19/18 17:43	
Methylene Chloride	ug/kg	32.7J	50.0	10/19/18 17:43	
n-Butylbenzene	ug/kg	<10.5	50.0	10/19/18 17:43	
n-Propylbenzene	ug/kg	<11.6	50.0	10/19/18 17:43	
Naphthalene	ug/kg	<40.0	250	10/19/18 17:43	
o-Xylene	ug/kg	<14.0	50.0	10/19/18 17:43	
p-Isopropyltoluene	ug/kg	<12.0	50.0	10/19/18 17:43	
sec-Butylbenzene	ug/kg	<11.9	50.0	10/19/18 17:43	
Styrene	ug/kg	<9.0	50.0	10/19/18 17:43	
tert-Butylbenzene	ug/kg	<9.5	50.0	10/19/18 17:43	
Tetrachloroethene	ug/kg	<12.9	50.0	10/19/18 17:43	
Toluene	ug/kg	<11.2	50.0	10/19/18 17:43	
trans-1,2-Dichloroethene	ug/kg	<16.5	50.0	10/19/18 17:43	
trans-1,3-Dichloropropene	ug/kg	<14.4	50.0	10/19/18 17:43	
Trichloroethene	ug/kg	<23.6	50.0	10/19/18 17:43	
Trichlorofluoromethane	ug/kg	<24.7	50.0	10/19/18 17:43	
Vinyl chloride	ug/kg	<21.1	50.0	10/19/18 17:43	
4-Bromofluorobenzene (S)	%	96	48-130	10/19/18 17:43	
Dibromofluoromethane (S)	%	100	57-148	10/19/18 17:43	
Toluene-d8 (S)	%	103	58-142	10/19/18 17:43	

LABORATORY CONTROL SAMPLE: 1774240

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/kg	2500	1230	49	70-130	L5
1,1,2,2-Tetrachloroethane	ug/kg	2500	1110	44	68-130	L5
1,1,2-Trichloroethane	ug/kg	2500	1170	47	70-130	L5
1,1-Dichloroethane	ug/kg	2500	1230	49	67-132	L5
1,1-Dichloroethene	ug/kg	2500	1110	44	67-128	L5
1,2,4-Trichlorobenzene	ug/kg	2500	1020	41	51-131	L5
1,2-Dibromo-3-chloropropane	ug/kg	2500	1040	41	49-117	L5
1,2-Dibromoethane (EDB)	ug/kg	2500	1090	44	70-130	L5
1,2-Dichlorobenzene	ug/kg	2500	1070	43	70-130	L5
1,2-Dichloroethane	ug/kg	2500	1390	56	65-137	L5
1,2-Dichloropropane	ug/kg	2500	1220	49	75-126	L5
1,3-Dichlorobenzene	ug/kg	2500	1110	44	70-130	L5
1,4-Dichlorobenzene	ug/kg	2500	1080	43	70-130	L5
Benzene	ug/kg	2500	1290	52	70-130	L5
Bromodichloromethane	ug/kg	2500	1130	45	70-130	L5
Bromoform	ug/kg	2500	771	31	57-117	L5
Bromomethane	ug/kg	2500	1190	48	48-135	

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### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: 16-1304 BAY TOWEL

Pace Project No.: 40177343

LABORATORY CONTROL SAMPLE: 1774240

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Carbon tetrachloride	ug/kg	2500	1150	46	65-133	L5
Chlorobenzene	ug/kg	2500	1100	44	70-130	L5
Chloroethane	ug/kg	2500	1160	47	37-165	
Chloroform	ug/kg	2500	1300	52	72-126	L5
Chloromethane	ug/kg	2500	947	38	34-120	
cis-1,2-Dichloroethene	ug/kg	2500	1090	44	70-130	L5
cis-1,3-Dichloropropene	ug/kg	2500	1060	42	69-130	L5
Dibromochloromethane	ug/kg	2500	854	34	68-130	L5
Dichlorodifluoromethane	ug/kg	2500	781	31	22-100	
Ethylbenzene	ug/kg	2500	1130	45	79-121	L5
Isopropylbenzene (Cumene)	ug/kg	2500	1080	43	70-130	L5
m&p-Xylene	ug/kg	5000	2140	43	70-130	L5
Methyl-tert-butyl ether	ug/kg	2500	1270	51	66-129	L5
Methylene Chloride	ug/kg	2500	1120	45	68-129	L5
o-Xylene	ug/kg	2500	1030	41	70-130	L5
Styrene	ug/kg	2500	1080	43	70-130	L5
Tetrachloroethene	ug/kg	2500	1030	41	70-130	L5
Toluene	ug/kg	2500	1120	45	80-123	L5
trans-1,2-Dichloroethene	ug/kg	2500	1130	45	70-130	L5
trans-1,3-Dichloropropene	ug/kg	2500	1020	41	67-130	L5
Trichloroethene	ug/kg	2500	1260	50	70-130	L5
Trichlorofluoromethane	ug/kg	2500	1270	51	64-134	L5
Vinyl chloride	ug/kg	2500	1080	43	52-122	L5
4-Bromofluorobenzene (S)	%			115	48-130	
Dibromofluoromethane (S)	%			115	57-148	
Toluene-d8 (S)	%			107	58-142	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1774266 1774267

Parameter	Units	40177343008		MSD		MSD		% Rec	% Rec	% Rec	Limits	RPD	RPD	Qual
		Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result								
1,1,1-Trichloroethane	ug/kg	<25.0	1720	1720	1810	1660	105	97	62-130	8	20			
1,1,2,2-Tetrachloroethane	ug/kg	<25.0	1720	1720	1800	1730	105	100	64-137	4	20			
1,1,2-Trichloroethane	ug/kg	<25.0	1720	1720	1900	1860	111	108	70-130	2	20			
1,1-Dichloroethane	ug/kg	<25.0	1720	1720	1800	1790	104	104	65-132	1	20			
1,1-Dichloroethene	ug/kg	<25.0	1720	1720	1490	1310	87	76	50-128	13	21			
1,2,4-Trichlorobenzene	ug/kg	<47.6	1720	1720	1640	1720	95	100	51-148	5	20			
1,2-Dibromo-3-chloropropane	ug/kg	<91.2	1720	1720	1750	1710	102	100	43-134	2	23			
1,2-Dibromoethane (EDB)	ug/kg	<25.0	1720	1720	1710	1640	100	96	70-130	4	20			
1,2-Dichlorobenzene	ug/kg	<25.0	1720	1720	1760	1700	103	99	70-130	4	20			
1,2-Dichloroethane	ug/kg	<25.0	1720	1720	2160	2060	126	120	65-139	5	20			
1,2-Dichloropropane	ug/kg	<25.0	1720	1720	1750	1800	102	105	74-128	3	20			
1,3-Dichlorobenzene	ug/kg	<25.0	1720	1720	1770	1720	103	100	70-130	3	20			
1,4-Dichlorobenzene	ug/kg	<25.0	1720	1720	1810	1740	105	101	70-130	4	20			

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### QUALITY CONTROL DATA

Project: 16-1304 BAY TOWEL

Pace Project No.: 40177343

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1774266												1774267	
Parameter	Units	40177343008 Result	MS	MSD	MS	MSD	MS	MSD	% Rec	Max	Qual		
			Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec	Limits	RPD			
Benzene	ug/kg	<25.0	1720	1720	1950	1830	114	106	66-132	7	20		
Bromodichloromethane	ug/kg	<25.0	1720	1720	1620	1780	94	104	69-130	10	20		
Bromoform	ug/kg	<25.0	1720	1720	1270	1300	74	76	57-130	2	20		
Bromomethane	ug/kg	<69.9	1720	1720	1800	1670	104	97	34-145	7	20		
Carbon tetrachloride	ug/kg	<25.0	1720	1720	1550	1390	90	81	54-133	11	20		
Chlorobenzene	ug/kg	<25.0	1720	1720	1740	1640	101	96	70-130	6	20		
Chloroethane	ug/kg	<67.0	1720	1720	1550	1390	90	81	33-165	11	20		
Chloroform	ug/kg	<46.4	1720	1720	2050	1970	119	115	72-128	4	20		
Chloromethane	ug/kg	<25.0	1720	1720	1240	1010	72	59	20-120	20	20		
cis-1,2-Dichloroethene	ug/kg	<25.0	1720	1720	1860	1510	108	88	69-130	21	20 R1		
cis-1,3-Dichloropropene	ug/kg	<25.0	1720	1720	1590	1690	92	98	65-130	6	20		
Dibromochloromethane	ug/kg	<25.0	1720	1720	1480	1540	86	90	65-130	4	20		
Dichlorodifluoromethane	ug/kg	<25.0	1720	1720	1140	1010	66	59	10-109	12	29		
Ethylbenzene	ug/kg	<25.0	1720	1720	1750	1660	102	97	63-127	5	20		
Isopropylbenzene (Cumene)	ug/kg	<25.0	1720	1720	1660	1610	97	94	66-130	3	20		
m&p-Xylene	ug/kg	<50.0	3440	3440	3390	3260	99	95	70-130	4	20		
Methyl-tert-butyl ether	ug/kg	<25.0	1720	1720	1960	1820	114	106	62-135	7	20		
Methylene Chloride	ug/kg	<25.0	1720	1720	1690	1650	99	96	68-129	3	20		
o-Xylene	ug/kg	<25.0	1720	1720	1650	1670	96	97	69-130	1	20		
Styrene	ug/kg	<25.0	1720	1720	1730	1780	101	103	70-130	2	20		
Tetrachloroethene	ug/kg	<25.0	1720	1720	1620	1540	94	89	70-130	5	20		
Toluene	ug/kg	<25.0	1720	1720	1780	1670	104	97	80-123	6	20		
trans-1,2-Dichloroethene	ug/kg	<25.0	1720	1720	1650	1520	96	89	70-130	8	20		
trans-1,3-Dichloropropene	ug/kg	<25.0	1720	1720	1600	1690	93	98	67-130	5	20		
Trichloroethene	ug/kg	<25.0	1720	1720	1800	1800	105	105	70-130	0	20		
Trichlorofluoromethane	ug/kg	<25.0	1720	1720	1650	1450	96	84	41-134	13	26		
Vinyl chloride	ug/kg	<25.0	1720	1720	1350	1100	78	64	39-122	20	20		
4-Bromofluorobenzene (S)	%						117	114	48-130				
Dibromofluoromethane (S)	%						117	110	57-148				
Toluene-d8 (S)	%						112	104	58-142				

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### QUALITY CONTROL DATA

Project: 16-1304 BAY TOWEL

Pace Project No.: 40177343

QC Batch: 303760

Analysis Method: EPA 8260

QC Batch Method: EPA 5035/5030B

Analysis Description: 8260 MSV Med Level Normal List

Associated Lab Samples: 40177343073, 40177343074

METHOD BLANK: 1774249

Matrix: Solid

Associated Lab Samples: 40177343073, 40177343074

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	<13.7	50.0	10/22/18 17:52	
1,1,1-Trichloroethane	ug/kg	<14.4	50.0	10/22/18 17:52	
1,1,2,2-Tetrachloroethane	ug/kg	<17.5	50.0	10/22/18 17:52	
1,1,2-Trichloroethane	ug/kg	<20.2	50.0	10/22/18 17:52	
1,1-Dichloroethane	ug/kg	<17.6	50.0	10/22/18 17:52	
1,1-Dichloroethene	ug/kg	<17.6	50.0	10/22/18 17:52	
1,1-Dichloropropene	ug/kg	<14.0	50.0	10/22/18 17:52	
1,2,3-Trichlorobenzene	ug/kg	21.0J	50.0	10/22/18 17:52	
1,2,3-Trichloropropane	ug/kg	<22.3	50.0	10/22/18 17:52	
1,2,4-Trichlorobenzene	ug/kg	<47.6	250	10/22/18 17:52	
1,2,4-Trimethylbenzene	ug/kg	<12.2	50.0	10/22/18 17:52	
1,2-Dibromo-3-chloropropane	ug/kg	<91.2	250	10/22/18 17:52	
1,2-Dibromoethane (EDB)	ug/kg	<14.7	50.0	10/22/18 17:52	
1,2-Dichlorobenzene	ug/kg	<16.2	50.0	10/22/18 17:52	
1,2-Dichloroethane	ug/kg	<15.0	50.0	10/22/18 17:52	
1,2-Dichloropropane	ug/kg	<16.8	50.0	10/22/18 17:52	
1,3,5-Trimethylbenzene	ug/kg	<14.5	50.0	10/22/18 17:52	
1,3-Dichlorobenzene	ug/kg	<13.2	50.0	10/22/18 17:52	
1,3-Dichloropropane	ug/kg	<12.0	50.0	10/22/18 17:52	
1,4-Dichlorobenzene	ug/kg	<15.9	50.0	10/22/18 17:52	
2,2-Dichloropropane	ug/kg	<12.6	50.0	10/22/18 17:52	
2-Chlorotoluene	ug/kg	<15.8	50.0	10/22/18 17:52	
4-Chlorotoluene	ug/kg	<13.0	50.0	10/22/18 17:52	
Benzene	ug/kg	<9.2	20.0	10/22/18 17:52	
Bromobenzene	ug/kg	<20.6	50.0	10/22/18 17:52	
Bromochloromethane	ug/kg	<21.4	50.0	10/22/18 17:52	
Bromodichloromethane	ug/kg	<9.8	50.0	10/22/18 17:52	
Bromoform	ug/kg	<19.8	50.0	10/22/18 17:52	
Bromomethane	ug/kg	<69.9	250	10/22/18 17:52	
Carbon tetrachloride	ug/kg	<12.1	50.0	10/22/18 17:52	
Chlorobenzene	ug/kg	<14.8	50.0	10/22/18 17:52	
Chloroethane	ug/kg	<67.0	250	10/22/18 17:52	
Chloroform	ug/kg	<46.4	250	10/22/18 17:52	
Chloromethane	ug/kg	<20.4	50.0	10/22/18 17:52	
cis-1,2-Dichloroethene	ug/kg	<16.6	50.0	10/22/18 17:52	
cis-1,3-Dichloropropene	ug/kg	<16.6	50.0	10/22/18 17:52	
Dibromochloromethane	ug/kg	<17.9	50.0	10/22/18 17:52	
Dibromomethane	ug/kg	<19.3	50.0	10/22/18 17:52	
Dichlorodifluoromethane	ug/kg	<12.3	50.0	10/22/18 17:52	
Diisopropyl ether	ug/kg	<17.7	50.0	10/22/18 17:52	
Ethylbenzene	ug/kg	<12.4	50.0	10/22/18 17:52	

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### QUALITY CONTROL DATA

Project: 16-1304 BAY TOWEL

Pace Project No.: 40177343

METHOD BLANK: 1774249

Matrix: Solid

Associated Lab Samples: 40177343073, 40177343074

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Hexachloro-1,3-butadiene	ug/kg	<24.5	50.0	10/22/18 17:52	
Isopropylbenzene (Cumene)	ug/kg	<12.6	50.0	10/22/18 17:52	
m&p-Xylene	ug/kg	<34.4	100	10/22/18 17:52	
Methyl-tert-butyl ether	ug/kg	<12.7	50.0	10/22/18 17:52	
Methylene Chloride	ug/kg	<16.2	50.0	10/22/18 17:52	
n-Butylbenzene	ug/kg	22.6J	50.0	10/22/18 17:52	
n-Propylbenzene	ug/kg	<11.6	50.0	10/22/18 17:52	
Naphthalene	ug/kg	<40.0	250	10/22/18 17:52	
o-Xylene	ug/kg	<14.0	50.0	10/22/18 17:52	
p-Isopropyltoluene	ug/kg	21.6J	50.0	10/22/18 17:52	
sec-Butylbenzene	ug/kg	17.3J	50.0	10/22/18 17:52	
Styrene	ug/kg	<9.0	50.0	10/22/18 17:52	
tert-Butylbenzene	ug/kg	15.5J	50.0	10/22/18 17:52	
Tetrachloroethene	ug/kg	<12.9	50.0	10/22/18 17:52	
Toluene	ug/kg	<11.2	50.0	10/22/18 17:52	
trans-1,2-Dichloroethene	ug/kg	<16.5	50.0	10/22/18 17:52	
trans-1,3-Dichloropropene	ug/kg	<14.4	50.0	10/22/18 17:52	
Trichloroethene	ug/kg	<23.6	50.0	10/22/18 17:52	
Trichlorofluoromethane	ug/kg	<24.7	50.0	10/22/18 17:52	
Vinyl chloride	ug/kg	<21.1	50.0	10/22/18 17:52	
4-Bromofluorobenzene (S)	%	106	48-130	10/22/18 17:52	
Dibromofluoromethane (S)	%	99	57-148	10/22/18 17:52	
Toluene-d8 (S)	%	104	58-142	10/22/18 17:52	

LABORATORY CONTROL SAMPLE: 1774250

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/kg	2500	2310	93	70-130	
1,1,2,2-Tetrachloroethane	ug/kg	2500	2350	94	68-130	
1,1,2-Trichloroethane	ug/kg	2500	2330	93	70-130	
1,1-Dichloroethane	ug/kg	2500	2250	90	67-132	
1,1-Dichloroethene	ug/kg	2500	2010	80	67-128	
1,2,4-Trichlorobenzene	ug/kg	2500	1880	75	51-131	
1,2-Dibromo-3-chloropropane	ug/kg	2500	2150	86	49-117	
1,2-Dibromoethane (EDB)	ug/kg	2500	2070	83	70-130	
1,2-Dichlorobenzene	ug/kg	2500	2050	82	70-130	
1,2-Dichloroethane	ug/kg	2500	2390	96	65-137	
1,2-Dichloropropane	ug/kg	2500	2010	80	75-126	
1,3-Dichlorobenzene	ug/kg	2500	2060	82	70-130	
1,4-Dichlorobenzene	ug/kg	2500	1930	77	70-130	
Benzene	ug/kg	2500	2340	94	70-130	
Bromodichloromethane	ug/kg	2500	2250	90	70-130	
Bromoform	ug/kg	2500	1660	66	57-117	
Bromomethane	ug/kg	2500	2190	88	48-135	

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### QUALITY CONTROL DATA

Project: 16-1304 BAY TOWEL

Pace Project No.: 40177343

LABORATORY CONTROL SAMPLE: 1774250

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Carbon tetrachloride	ug/kg	2500	2230	89	65-133	
Chlorobenzene	ug/kg	2500	2070	83	70-130	
Chloroethane	ug/kg	2500	2020	81	37-165	
Chloroform	ug/kg	2500	2360	94	72-126	
Chloromethane	ug/kg	2500	1580	63	34-120	
cis-1,2-Dichloroethene	ug/kg	2500	1940	77	70-130	
cis-1,3-Dichloropropene	ug/kg	2500	2050	82	69-130	
Dibromochloromethane	ug/kg	2500	2020	81	68-130	
Dichlorodifluoromethane	ug/kg	2500	1560	63	22-100	
Ethylbenzene	ug/kg	2500	2170	87	79-121	
Isopropylbenzene (Cumene)	ug/kg	2500	2050	82	70-130	
m&p-Xylene	ug/kg	5000	4280	86	70-130	
Methyl-tert-butyl ether	ug/kg	2500	2290	92	66-129	
Methylene Chloride	ug/kg	2500	2020	81	68-129	
o-Xylene	ug/kg	2500	1930	77	70-130	
Styrene	ug/kg	2500	2180	87	70-130	
Tetrachloroethene	ug/kg	2500	2120	85	70-130	
Toluene	ug/kg	2500	2110	85	80-123	
trans-1,2-Dichloroethene	ug/kg	2500	1990	80	70-130	
trans-1,3-Dichloropropene	ug/kg	2500	2120	85	67-130	
Trichloroethene	ug/kg	2500	2360	94	70-130	
Trichlorofluoromethane	ug/kg	2500	2400	96	64-134	
Vinyl chloride	ug/kg	2500	1950	78	52-122	
4-Bromofluorobenzene (S)	%			90	48-130	
Dibromofluoromethane (S)	%			83	57-148	
Toluene-d8 (S)	%			89	58-142	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1774251 1774252

Parameter	Units	40177343073		MSD		MSD		% Rec	% Rec	% Rec	Limits	RPD	RPD	Qual
		Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result								
1,1,1-Trichloroethane	ug/kg	<25.0	1400	1400	1310	1280	94	92	62-130	2	20			
1,1,2,2-Tetrachloroethane	ug/kg	<25.0	1400	1400	1370	1400	98	100	64-137	2	20			
1,1,2-Trichloroethane	ug/kg	<25.0	1400	1400	1410	1430	101	102	70-130	1	20			
1,1-Dichloroethane	ug/kg	<25.0	1400	1400	1350	1350	97	97	65-132	0	20			
1,1-Dichloroethene	ug/kg	<25.0	1400	1400	1050	1020	75	73	50-128	3	21			
1,2,4-Trichlorobenzene	ug/kg	<47.6	1400	1400	1340	1280	96	92	51-148	4	20			
1,2-Dibromo-3-chloropropane	ug/kg	<91.2	1400	1400	1590	1490	114	107	43-134	7	23			
1,2-Dibromoethane (EDB)	ug/kg	<25.0	1400	1400	1450	1190	104	85	70-130	20	20			
1,2-Dichlorobenzene	ug/kg	<25.0	1400	1400	1370	1280	98	92	70-130	7	20			
1,2-Dichloroethane	ug/kg	<25.0	1400	1400	1610	1510	115	108	65-139	6	20			
1,2-Dichloropropane	ug/kg	<25.0	1400	1400	1360	1370	97	98	74-128	1	20			
1,3-Dichlorobenzene	ug/kg	<25.0	1400	1400	1340	1300	96	93	70-130	3	20			
1,4-Dichlorobenzene	ug/kg	<25.0	1400	1400	1270	1350	91	96	70-130	6	20			

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### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: 16-1304 BAY TOWEL

Pace Project No.: 40177343

Parameter	Units	40177343073		1774251		1774252		% Rec	% Rec	Limits	RPD	Max RPD	Qual
		Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec						
Benzene	ug/kg	<25.0	1400	1400	1460	1380	104	99	66-132	6	20		
Bromodichloromethane	ug/kg	<25.0	1400	1400	1470	1420	105	102	69-130	4	20		
Bromoform	ug/kg	<25.0	1400	1400	1140	1070	82	76	57-130	7	20		
Bromomethane	ug/kg	<69.9	1400	1400	1290	1230	92	88	34-145	5	20		
Carbon tetrachloride	ug/kg	<25.0	1400	1400	1160	1170	83	84	54-133	1	20		
Chlorobenzene	ug/kg	<25.0	1400	1400	1360	1270	98	91	70-130	7	20		
Chloroethane	ug/kg	<67.0	1400	1400	1080	1140	77	82	33-165	6	20		
Chloroform	ug/kg	<46.4	1400	1400	1490	1440	106	103	72-128	3	20		
Chloromethane	ug/kg	<25.0	1400	1400	866	765	62	55	20-120	12	20		
cis-1,2-Dichloroethene	ug/kg	106	1400	1400	1360	1210	90	79	69-130	11	20		
cis-1,3-Dichloropropene	ug/kg	<25.0	1400	1400	1260	1280	90	92	65-130	2	20		
Dibromochloromethane	ug/kg	<25.0	1400	1400	1250	1310	89	94	65-130	5	20		
Dichlorodifluoromethane	ug/kg	<25.0	1400	1400	765	721	55	52	10-109	6	29		
Ethylbenzene	ug/kg	<25.0	1400	1400	1370	1330	98	95	63-127	3	20		
Isopropylbenzene (Cumene)	ug/kg	<25.0	1400	1400	1290	1290	92	92	66-130	0	20		
m&p-Xylene	ug/kg	<50.0	2790	2790	2700	2570	96	91	70-130	5	20		
Methyl-tert-butyl ether	ug/kg	<25.0	1400	1400	1450	1380	104	99	62-135	5	20		
Methylene Chloride	ug/kg	<25.0	1400	1400	1280	1230	92	88	68-129	4	20		
o-Xylene	ug/kg	<25.0	1400	1400	1350	1280	97	92	69-130	5	20		
Styrene	ug/kg	<25.0	1400	1400	1470	1370	105	98	70-130	7	20		
Tetrachloroethene	ug/kg	436	1400	1400	1630	1550	86	80	70-130	5	20		
Toluene	ug/kg	<25.0	1400	1400	1400	1350	100	97	80-123	3	20		
trans-1,2-Dichloroethene	ug/kg	<25.0	1400	1400	1200	1160	86	83	70-130	4	20		
trans-1,3-Dichloropropene	ug/kg	<25.0	1400	1400	1380	1290	99	93	67-130	7	20		
Trichloroethene	ug/kg	72.9	1400	1400	1610	1460	110	100	70-130	9	20		
Trichlorofluoromethane	ug/kg	<25.0	1400	1400	1300	1240	93	89	41-134	5	26		
Vinyl chloride	ug/kg	<25.0	1400	1400	1000	983	72	70	39-122	2	20		
4-Bromofluorobenzene (S)	%						115	108	48-130				
Dibromofluoromethane (S)	%						106	103	57-148				
Toluene-d8 (S)	%						110	103	58-142				

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### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: 16-1304 BAY TOWEL

Pace Project No.: 40177343

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QC Batch:	302958	Analysis Method:	ASTM D2974-87
QC Batch Method:	ASTM D2974-87	Analysis Description:	Dry Weight/Percent Moisture
Associated Lab Samples:	40177343001, 40177343002, 40177343003, 40177343005, 40177343006, 40177343007, 40177343009, 40177343010, 40177343011, 40177343013, 40177343014, 40177343015, 40177343017, 40177343018, 40177343019, 40177343077, 40177343078, 40177343079		

---

SAMPLE DUPLICATE: 1769453

Parameter	Units	40177343002 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	15.8	17.1	8	10	

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### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: 16-1304 BAY TOWEL

Pace Project No.: 40177343

---

QC Batch:	302968	Analysis Method:	ASTM D2974-87
QC Batch Method:	ASTM D2974-87	Analysis Description:	Dry Weight/Percent Moisture
Associated Lab Samples:	40177343021, 40177343022, 40177343023, 40177343025, 40177343026, 40177343027, 40177343029, 40177343030, 40177343031		

---

SAMPLE DUPLICATE: 1769554

Parameter	Units	40177459001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	6.4	6.5	2	10	

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### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: 16-1304 BAY TOWEL

Pace Project No.: 40177343

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QC Batch:	303669	Analysis Method:	ASTM D2974-87
QC Batch Method:	ASTM D2974-87	Analysis Description:	Dry Weight/Percent Moisture
Associated Lab Samples:	40177343004, 40177343008, 40177343028, 40177343032, 40177343033, 40177343034, 40177343037, 40177343038, 40177343049, 40177343050, 40177343053, 40177343054, 40177343057, 40177343058, 40177343059, 40177343060, 40177343061, 40177343062, 40177343063, 40177343065		

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SAMPLE DUPLICATE: 1773760

Parameter	Units	40177343008 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	27.2	25.2	8	10	

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### QUALITY CONTROL DATA

Project: 16-1304 BAY TOWEL

Pace Project No.: 40177343

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QC Batch: 303679

Analysis Method: ASTM D2974-87

QC Batch Method: ASTM D2974-87

Analysis Description: Dry Weight/Percent Moisture

Associated Lab Samples: 40177343066, 40177343067, 40177343068, 40177343069, 40177343071, 40177343073, 40177343074

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SAMPLE DUPLICATE: 1773905

Parameter	Units	40177343066 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	14.8	14.2	4	10	

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## QUALIFIERS

Project: 16-1304 BAY TOWEL

Pace Project No.: 40177343

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### 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

B Analyte was detected in the associated method blank.

L5 LCS recovery exceeded QC limits. Batch accepted based on matrix spike recovery within LCS limits.

R1 RPD value was outside control limits.

W Non-detect results are reported on a wet weight basis.

## REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 16-1304 BAY TOWEL  
Pace Project No.: 40177343

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40177343001	B-101 2'	EPA 5035/5030B	302936	EPA 8260	302938
40177343002	B-101 5'	EPA 5035/5030B	302934	EPA 8260	302935
40177343003	B-101 8'	EPA 5035/5030B	302934	EPA 8260	302935
40177343004	B-101 10'	EPA 5035/5030B	303759	EPA 8260	303762
40177343005	B-102 2'	EPA 5035/5030B	302934	EPA 8260	302935
40177343006	B-102 5'	EPA 5035/5030B	302934	EPA 8260	302935
40177343007	B-102 8'	EPA 5035/5030B	302934	EPA 8260	302935
40177343008	B-102 10'	EPA 5035/5030B	303759	EPA 8260	303762
40177343009	B-103 2'	EPA 5035/5030B	302934	EPA 8260	302935
40177343010	B-103 5'	EPA 5035/5030B	302934	EPA 8260	302935
40177343011	B-103 8'	EPA 5035/5030B	302934	EPA 8260	302935
40177343013	B-104 2'	EPA 5035/5030B	302934	EPA 8260	302935
40177343014	B-104 5'	EPA 5035/5030B	302934	EPA 8260	302935
40177343015	B-104 8'	EPA 5035/5030B	302934	EPA 8260	302935
40177343017	B-105 2'	EPA 5035/5030B	302936	EPA 8260	302938
40177343018	B-105 5'	EPA 5035/5030B	302936	EPA 8260	302938
40177343019	B-105 8'	EPA 5035/5030B	302936	EPA 8260	302938
40177343021	B-106 2'	EPA 5035/5030B	302936	EPA 8260	302938
40177343022	B-106 5'	EPA 5035/5030B	302936	EPA 8260	302938
40177343023	B-106 8'	EPA 5035/5030B	302936	EPA 8260	302938
40177343025	B-107 2'	EPA 5035/5030B	302936	EPA 8260	302938
40177343026	B-107 5'	EPA 5035/5030B	302936	EPA 8260	302938
40177343027	B-107 8'	EPA 5035/5030B	302936	EPA 8260	302938
40177343028	B-107 10'	EPA 5035/5030B	303759	EPA 8260	303762
40177343029	B-108 2'	EPA 5035/5030B	302936	EPA 8260	302938
40177343030	B-108 5'	EPA 5035/5030B	302936	EPA 8260	302938
40177343031	B-108 8'	EPA 5035/5030B	302936	EPA 8260	302938
40177343032	B-108 10'	EPA 5035/5030B	303759	EPA 8260	303762
40177343033	B-109 2'	EPA 5035/5030B	303759	EPA 8260	303762
40177343034	B-109 5'	EPA 5035/5030B	303741	EPA 8260	303743
40177343037	B-110 2'	EPA 5035/5030B	303741	EPA 8260	303743
40177343038	B-110 5'	EPA 5035/5030B	303741	EPA 8260	303743
40177343049	B-113 2'	EPA 5035/5030B	303741	EPA 8260	303743
40177343050	B-113 5'	EPA 5035/5030B	303741	EPA 8260	303743
40177343053	B-114 2'	EPA 5035/5030B	303741	EPA 8260	303743
40177343054	B-114 5'	EPA 5035/5030B	303741	EPA 8260	303743
40177343057	B-115 2'	EPA 5035/5030B	303741	EPA 8260	303743
40177343058	B-115 5'	EPA 5035/5030B	303741	EPA 8260	303743
40177343059	B-115 8'	EPA 5035/5030B	303741	EPA 8260	303743
40177343060	B-115 10'	EPA 5035/5030B	303741	EPA 8260	303743
40177343061	B-116 2'	EPA 5035/5030B	303741	EPA 8260	303743
40177343062	B-116 5'	EPA 5035/5030B	303741	EPA 8260	303743
40177343063	B-116 8'	EPA 5035/5030B	303741	EPA 8260	303743
40177343065	B-117 2'	EPA 5035/5030B	303741	EPA 8260	303743

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### QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 16-1304 BAY TOWEL

Pace Project No.: 40177343

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40177343066	B-117 5'	EPA 5035/5030B	303741	EPA 8260	303743
40177343067	B-117 8'	EPA 5035/5030B	303741	EPA 8260	303743
40177343068	B-117 10'	EPA 5035/5030B	303741	EPA 8260	303743
40177343069	B-118 2'	EPA 5035/5030B	303741	EPA 8260	303743
40177343071	B-118 8'	EPA 5035/5030B	303741	EPA 8260	303743
40177343073	B-119 2'	EPA 5035/5030B	303760	EPA 8260	303769
40177343074	B-119 5'	EPA 5035/5030B	303760	EPA 8260	303769
40177343077	B-120 2'	EPA 5035/5030B	302936	EPA 8260	302938
40177343078	B-120 5'	EPA 5035/5030B	302936	EPA 8260	302938
40177343079	B-120 8'	EPA 5035/5030B	302936	EPA 8260	302938
40177343081	METH BLANK	EPA 5035/5030B	302936	EPA 8260	302938
40177343001	B-101 2'	ASTM D2974-87	302958		
40177343002	B-101 5'	ASTM D2974-87	302958		
40177343003	B-101 8'	ASTM D2974-87	302958		
40177343004	B-101 10'	ASTM D2974-87	303669		
40177343005	B-102 2'	ASTM D2974-87	302958		
40177343006	B-102 5'	ASTM D2974-87	302958		
40177343007	B-102 8'	ASTM D2974-87	302958		
40177343008	B-102 10'	ASTM D2974-87	303669		
40177343009	B-103 2'	ASTM D2974-87	302958		
40177343010	B-103 5'	ASTM D2974-87	302958		
40177343011	B-103 8'	ASTM D2974-87	302958		
40177343013	B-104 2'	ASTM D2974-87	302958		
40177343014	B-104 5'	ASTM D2974-87	302958		
40177343015	B-104 8'	ASTM D2974-87	302958		
40177343017	B-105 2'	ASTM D2974-87	302958		
40177343018	B-105 5'	ASTM D2974-87	302958		
40177343019	B-105 8'	ASTM D2974-87	302958		
40177343021	B-106 2'	ASTM D2974-87	302968		
40177343022	B-106 5'	ASTM D2974-87	302968		
40177343023	B-106 8'	ASTM D2974-87	302968		
40177343025	B-107 2'	ASTM D2974-87	302968		
40177343026	B-107 5'	ASTM D2974-87	302968		
40177343027	B-107 8'	ASTM D2974-87	302968		
40177343028	B-107 10'	ASTM D2974-87	303669		
40177343029	B-108 2'	ASTM D2974-87	302968		
40177343030	B-108 5'	ASTM D2974-87	302968		
40177343031	B-108 8'	ASTM D2974-87	302968		
40177343032	B-108 10'	ASTM D2974-87	303669		
40177343033	B-109 2'	ASTM D2974-87	303669		
40177343034	B-109 5'	ASTM D2974-87	303669		
40177343037	B-110 2'	ASTM D2974-87	303669		
40177343038	B-110 5'	ASTM D2974-87	303669		

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### QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 16-1304 BAY TOWEL  
Pace Project No.: 40177343

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40177343049	B-113 2'	ASTM D2974-87	303669		
40177343050	B-113 5'	ASTM D2974-87	303669		
40177343053	B-114 2'	ASTM D2974-87	303669		
40177343054	B-114 5'	ASTM D2974-87	303669		
40177343057	B-115 2'	ASTM D2974-87	303669		
40177343058	B-115 5'	ASTM D2974-87	303669		
40177343059	B-115 8'	ASTM D2974-87	303669		
40177343060	B-115 10'	ASTM D2974-87	303669		
40177343061	B-116 2'	ASTM D2974-87	303669		
40177343062	B-116 5'	ASTM D2974-87	303669		
40177343063	B-116 8'	ASTM D2974-87	303669		
40177343065	B-117 2'	ASTM D2974-87	303669		
40177343066	B-117 5'	ASTM D2974-87	303679		
40177343067	B-117 8'	ASTM D2974-87	303679		
40177343068	B-117 10'	ASTM D2974-87	303679		
40177343069	B-118 2'	ASTM D2974-87	303679		
40177343071	B-118 8'	ASTM D2974-87	303679		
40177343073	B-119 2'	ASTM D2974-87	303679		
40177343074	B-119 5'	ASTM D2974-87	303679		
40177343077	B-120 2'	ASTM D2974-87	302958		
40177343078	B-120 5'	ASTM D2974-87	302958		
40177343079	B-120 8'	ASTM D2974-87	302958		

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(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: \_\_\_\_\_



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

40177343

### 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

FILTERED?  
(YES/NO)  
 PRESERVATION  
(CODE)\*

Y/N	Pick Letter	Analyses Requested																		
	F	VOC																		

Quote #: \_\_\_\_\_  
 Mail To Contact: \_\_\_\_\_  
 Mail To Company: \_\_\_\_\_  
 Mail To Address: \_\_\_\_\_  
 Invoice To Contact: \_\_\_\_\_  
 Invoice To Company: \_\_\_\_\_  
 Invoice To Address: \_\_\_\_\_  
 Invoice To Phone: \_\_\_\_\_

CLIENT COMMENTS: \_\_\_\_\_  
 LAB COMMENTS (Lab Use Only): \_\_\_\_\_  
 Profile #: \_\_\_\_\_

Same as

Page 1

**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		MATRIX	Y/N	Pick Letter	Analyses Requested													
		DATE	TIME																	
014	B-104 5'	10-9-18	1026	S		X														
015	B-104 8'		1028			X														
016	B-104 10'		1030			X														
017	B-105 2'		1118			X														
018	B-105 5'		1120			X														
018	B-105 8'		1122			X														
020	B-105 10'		1124			X														
021	B-106 2'		1200			X														
022	B-106 5'		1202			X														
023	B-106 8'		1204			X														
024	B-106 10'		1206			X														
025	B-107 2'		1242			X														
026	B-107 5'		1244			X														

HOLD

HOLD

HOLD

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

Relinquished By: \_\_\_\_\_ Date/Time: 10-9-18 1430  
 Received By: \_\_\_\_\_ Date/Time: 10/9/18 1430

Transmit Prelim Rush Results by (complete what you want): \_\_\_\_\_

Relinquished By: \_\_\_\_\_ Date/Time: \_\_\_\_\_  
 Received By: \_\_\_\_\_ Date/Time: \_\_\_\_\_

Relinquished By: \_\_\_\_\_ Date/Time: \_\_\_\_\_  
 Received By: \_\_\_\_\_ Date/Time: \_\_\_\_\_

Relinquished By: \_\_\_\_\_ Date/Time: \_\_\_\_\_  
 Received By: \_\_\_\_\_ Date/Time: \_\_\_\_\_

Relinquished By: \_\_\_\_\_ Date/Time: \_\_\_\_\_  
 Received By: \_\_\_\_\_ Date/Time: \_\_\_\_\_

Relinquished By: \_\_\_\_\_ Date/Time: \_\_\_\_\_  
 Received By: \_\_\_\_\_ Date/Time: \_\_\_\_\_

Relinquished By: \_\_\_\_\_ Date/Time: \_\_\_\_\_  
 Received By: \_\_\_\_\_ Date/Time: \_\_\_\_\_

PACE Project No. 40177343  
 Receipt Temp = 20.1 °C  
 Sample Receipt pH OK / Adjusted  
 Cooler Custody Seal Present / Not Present Intact / Not Intact

(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: \_\_\_\_\_



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

40177343

# 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

FILTERED?  
(YES/NO)  
 PRESERVATION  
(CODE)\*

Y/N	Pick Letter	Analysis Requested	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
N	P	20A																					

Quote #: \_\_\_\_\_  
 Mail To Contact: \_\_\_\_\_  
 Mail To Company: \_\_\_\_\_  
 Mail To Address: \_\_\_\_\_  
 Invoice To Contact: \_\_\_\_\_  
 Invoice To Company: \_\_\_\_\_  
 Invoice To Address: \_\_\_\_\_  
 Invoice To Phone: \_\_\_\_\_

Same as  
 Page 1

**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		MATRIX
				DATE	TIME	
127	B-107	8'		10-9-18	1246	S
128	B-107	10'			1248	
029	B-108	2'			1318	
030	B-108	5'			1318	
031	B-108	8'			1320	
032	B-108	10'			1322	
033	B-104	2'			1254	
034	B-109	5'			1256	
035	B-109	8'			1258	
036	B-109	10'			1300	
037	B-110	2'			1236	
038	B-110	5'			1232	
039	B-110	8'			1234	

CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
	HOLD	
	HOLD	
	HOLD	
	HOLD	
	HOLD	
	HOLD	
	HOLD	
	HOLD	
	HOLD	
	HOLD	
	HOLD	

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: 10/9/18 1430	Received By: _____	Date/Time: 10/9/18 1430
Relinquished By: _____	Date/Time: _____	Received By: _____	Date/Time: _____
Relinquished By: _____	Date/Time: _____	Received By: _____	Date/Time: _____
Relinquished By: _____	Date/Time: _____	Received By: _____	Date/Time: _____

PACE Project No.  
 40177343

Receipt Temp = 20.7 °C

Sample Receipt pH  
 OK / Adjusted

Cooler Custody Seal  
 Present / Not Present  
 Intact / Not Intact

(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: \_\_\_\_\_

**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  
 SI = Sludge WP = Wipe

PACE LAB #	CLIENT FIELD ID	COLLECTION		MATRIX
		DATE	TIME	
040	B-110 10'	10-9-18	1236	S
041	B-111 2'		1132	
042	B-111 5'		1134	
043	B-111 8'		1136	
044	B-111 10'		1138	
045	B-112 2'		1046	
046	B-112 5'		1048	
047	B-112 8'		1050	
048	B-112 10'		1052	
049	B-113 2'		946	
050	B-113 5'		948	
051	B-113 8'		950	
052	B-113 10'		952	



UPPER MIDWEST REGION  
 MN: 612-607-1700 WI: 920-469-246

40177343

### 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

FILTERED?  
 (YES/NO)  
 PRESERVATION  
 (CODE)\*

Y/N	Pick Letter	Analyses Requested																	
N	F	VOC	X																

Quote #: \_\_\_\_\_  
 Mail To Contact: \_\_\_\_\_  
 Mail To Company: \_\_\_\_\_  
 Mail To Address: \_\_\_\_\_  
 Invoice To Contact: \_\_\_\_\_  
 Invoice To Company: \_\_\_\_\_  
 Invoice To Address: \_\_\_\_\_  
 Invoice To Phone: \_\_\_\_\_

CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
HOLD		
HOLD		
HOLD		
HOLD		
HOLD		
HOLD		
HOLD		
HOLD		
HOLD		
HOLD		
HOLD		
HOLD		
HOLD		
HOLD		

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: 10/9 1430	Received By: Christopher Hyken	Date/Time: 10/9/18 1430
Relinquished By: _____	Date/Time: _____	Received By: _____	Date/Time: _____
Relinquished By: _____	Date/Time: _____	Received By: _____	Date/Time: _____
Relinquished By: _____	Date/Time: _____	Received By: _____	Date/Time: _____

PACE Project No. 40177343

Receipt Temp = 22 °C

Sample Receipt pH  
 OK / Adjusted \_\_\_\_\_

Cooler Custody Seal  
 Present / Not Present  
 Intact / Not Intact

Page 156 of 164







(Please Print Clearly)

UPPER MIDWEST REGION

MN: 612-607-1700 WI: 920-469-2436

Page 7 of 7

40177343

Page 59 of 164



# 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

Company Name: \_\_\_\_\_  
 Branch/Location: \_\_\_\_\_  
 Project Contact: *Same*  
 Phone: \_\_\_\_\_  
 Project Number: *09 Page 1*  
 Project Name: \_\_\_\_\_  
 Project State: \_\_\_\_\_  
 Sampled By (Print): \_\_\_\_\_  
 Sampled By (Sign): \_\_\_\_\_  
 PO #: \_\_\_\_\_

Regulatory Program: \_\_\_\_\_

### 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

FILTERED? (YES/NO)  
PRESERVATION (CODE)\*

Y / N	Pick Letter	Analyse Requested	COLLECTION			MATRIX
			DATE	TIME		
N	F	VOLS	10-9	1350	S	
			↓	1352	↓	
			↓		↓	

Quote #: \_\_\_\_\_  
 Mail To Contact: \_\_\_\_\_  
 Mail To Company: \_\_\_\_\_  
 Mail To Address: \_\_\_\_\_  
 Invoice To Contact: \_\_\_\_\_  
 Invoice To Company: \_\_\_\_\_  
 Invoice To Address: \_\_\_\_\_  
 Invoice To Phone: \_\_\_\_\_

CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
Hold		

PACE LAB #	CLIENT FIELD ID	COLLECTION		MATRIX
		DATE	TIME	
079	B-20-8'	10-9	1350	S
080	B-30-10'	↓	1352	↓
081	meth blank	↓		↓

Rush Turnaround Time Requested - Prelims (Rush TAT subject to approval/surcharge) Date Needed:	Relinquished By: _____	Date/Time: 10/9 1430	Received By: <i>Chadley Hyatt</i>	Date/Time: 10/9/18 1430	PACE Project No. <b>40177343</b>
	Relinquished By: _____	Date/Time: _____	Received By: _____	Date/Time: _____	
Transmit Prelim Rush Results by (complete what you want):	Relinquished By: _____	Date/Time: _____	Received By: _____	Date/Time: _____	Sample Receipt pH OK / Adjusted
Email #1:	Relinquished By: _____	Date/Time: _____	Received By: _____	Date/Time: _____	Cooler Custody Seal Present / Not Present
Email #2:	Relinquished By: _____	Date/Time: _____	Received By: _____	Date/Time: _____	Intact / Not Intact
Telephone:	Relinquished By: _____	Date/Time: _____	Received By: _____	Date/Time: _____	
Fax:	Relinquished By: _____	Date/Time: _____	Received By: _____	Date/Time: _____	

### Sample Preservation Receipt Form

Client Name: Fehr Graham Project # 40177343

All containers needing preservation have been checked and noted below:  Yes  No  N/A

Lab Lot# of pH paper:

Lab Std #ID of preservation (if pH adjusted):

Initial when completed:

Date/Time:

Pace Lab #	Glass							Plastic							Vials			Jars			General			VOA Vials (>6mm) *	H2SO4 pH ≤2	NaOH+Zn Act pH ≥9	NaOH pH ≥12	HNO3 pH ≤2	pH after adjusted	Volume (mL)								
	AG1U	AG1H	AG4S	AG4U	AG5U	AG2S	BG3U	BP1U	BP2N	BP2Z	BP3U	BP3C	BP3N	BP3S	DG9A	DG9T	VG9U	VG9H	VG9M	VG9D	JGFU	WGFU	WPFU								SP5T	ZPLC	GN					
001																																						2.5 / 5 / 10
002																																						2.5 / 5 / 10
003																																						2.5 / 5 / 10
004																																						2.5 / 5 / 10
005																																						2.5 / 5 / 10
006																																						2.5 / 5 / 10
007																																						2.5 / 5 / 10
008																																						2.5 / 5 / 10
009																																						2.5 / 5 / 10
010																																						2.5 / 5 / 10
011																																						2.5 / 5 / 10
012																																						2.5 / 5 / 10
013																																						2.5 / 5 / 10
014																																						2.5 / 5 / 10
015																																						2.5 / 5 / 10
016																																						2.5 / 5 / 10
017																																						2.5 / 5 / 10
018																																						2.5 / 5 / 10
019																																						2.5 / 5 / 10
020																																						2.5 / 5 / 10

Exceptions to preservation check: VOA, Coliform, TOC, TOX, TOH, O&G, WI DRO, Phenolics, Other: \_\_\_\_\_ Headspace in VOA Vials (>6mm) :  Yes  No  N/A \*If yes look in headspace column

AG1U 1 liter amber glass	BP1U 1 liter plastic unpres	DG9A 40 mL amber ascorbic	JGFU 4 oz amber jar unpres
AG1H 1 liter amber glass HCL	BP2N 500 mL plastic HNO3	DG9T 40 mL amber Na Thio	WGFU 4 oz clear jar unpres
AG4S 125 mL amber glass H2SO4	BP2Z 500 mL plastic NaOH, Znact	VG9U 40 mL clear vial unpres	WPFU 4 oz plastic jar unpres
AG4U 120 mL amber glass unpres	BP3U 250 mL plastic unpres	VG9H 40 mL clear vial HCL	
AG5U 100 mL amber glass unpres	BP3C 250 mL plastic NaOH	VG9M 40 mL clear vial MeOH	SP5T 120 mL plastic Na Thiosulfate
AG2S 500 mL amber glass H2SO4	BP3N 250 mL plastic HNO3	VG9D 40 mL clear vial DI	ZPLC ziploc bag
BG3U 250 mL clear glass unpres	BP3S 250 mL plastic H2SO4		GN:

Sample Preservation Receipt Form

Client Name: Fehr-Graham Project #: 40177343

Page 161 of 166

Pace Lab #	Glass							Plastic							Vials					Jars			General			VOA Vials (>6mm) *	H2SO4 pH ≤2	NaOH+Zn Act pH ≥9	NaOH pH ≥12	HNO3 pH ≤2	pH after adjusted	Volume (mL)				
	AG1U	AG1H	AG4S	AG4U	AG5U	AG2S	BG3U	BP1U	BP2N	BP2Z	BP3U	BP3C	BP3N	BP3S	DG9A	DG9T	VG9U	VG9H	VG9M	VG9D	JGFU	WGFU	WPFU	SP5T	ZPLC								GN			
021																																				2.5 / 5 / 10
022																																				2.5 / 5 / 10
023																																				2.5 / 5 / 10
024																																				2.5 / 5 / 10
025																																				2.5 / 5 / 10
026																																				2.5 / 5 / 10
027																																				2.5 / 5 / 10
028																																				2.5 / 5 / 10
029																																				2.5 / 5 / 10
030																																				2.5 / 5 / 10
031																																				2.5 / 5 / 10
032																																				2.5 / 5 / 10
033																																				2.5 / 5 / 10
034																																				2.5 / 5 / 10
035																																				2.5 / 5 / 10
036																																				2.5 / 5 / 10
037																																				2.5 / 5 / 10
038																																				2.5 / 5 / 11
039																																				2.5 / 5 / 12
040																																				2.5 / 5 / 13
041																																				2.5 / 5 / 14
042																																				2.5 / 5 / 15
043																																				2.5 / 5 / 16
044																																				2.5 / 5 / 17
045																																				2.5 / 5 / 18
046																																				2.5 / 5 / 19
047																																				2.5 / 5 / 20
048																																				2.5 / 5 / 21
049																																				2.5 / 5 / 22
050																																				2.5 / 5 / 23

Sample Preservation Receipt Form

Client Name: Fehr Graham

Project #: Y017734B

Pace Lab #	Glass							Plastic						Vials					Jars			General			VOA Vials (>6mm) *	H2SO4 pH ≤2	NaOH+Zn Act pH ≥9	NaOH pH ≥12	HNO3 pH ≤2	pH after adjusted	Volume (mL)													
	AG1U	AG1H	AG4S	AG4U	AG5U	AG2S	BG3U	BP1U	BP2N	BP2Z	BP3U	BP3C	BP3N	BP3S	DG9A	DG9T	VG9U	VG9H	VG9M	VG9D	JGFU	WGFU	WPFU	SP5T								ZPLC	GN											
051																																										2.5 / 5 / 10		
052																																											2.5 / 5 / 10	
053																																											2.5 / 5 / 10	
054																																											2.5 / 5 / 10	
055																																											2.5 / 5 / 10	
056																																											2.5 / 5 / 10	
057																																											2.5 / 5 / 10	
058																																											2.5 / 5 / 10	
059																																											2.5 / 5 / 10	
060																																												2.5 / 5 / 10
061																																												2.5 / 5 / 10
062																																												2.5 / 5 / 10
063																																												2.5 / 5 / 10
064																																												2.5 / 5 / 10
065																																												2.5 / 5 / 10
066																																												2.5 / 5 / 10
067																																												2.5 / 5 / 10
068																																												2.5 / 5 / 11
069																																												2.5 / 5 / 12
070																																												2.5 / 5 / 13
071																																												2.5 / 5 / 14
072																																												2.5 / 5 / 15
073																																												2.5 / 5 / 16
074																																												2.5 / 5 / 17
075																																												2.5 / 5 / 18
076																																												2.5 / 5 / 19
077																																												2.5 / 5 / 20
078																																												2.5 / 5 / 21
079																																												2.5 / 5 / 22
080																																												2.5 / 5 / 23



**Sample Condition Upon Receipt Form (SCUR)**

**Client Name:** Fehr Cochran  
**Courier:**  CS Logistics  Fed Ex  Speedee  UPS  Waltco  
 Client  Pace Other: \_\_\_\_\_

Project #:

**WO#: 40177343**  
  
40177343

**Tracking #:** \_\_\_\_\_  
**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 - MS **Type of Ice:** Wet Blue Dry None  Samples on ice, cooling process has begun  
**Cooler Temperature** Uncorr: RPT Corr: \_\_\_\_\_

**Temp Blank Present:**  yes  no **Biological Tissue is Frozen:**  yes  no

**Person examining contents:**  
Date: 10/9/18  
Initials: \_\_\_\_\_

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

Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody Filled Out:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	2. <u>not to, invasive on pg#7</u>
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler Name & Signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	5.
- VOA Samples frozen upon receipt	<input type="checkbox"/> Yes <input type="checkbox"/> No	Date/Time:
Short Hold Time Analysis (<72hr):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	6.
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	7.
Sufficient Volume:		8.
For Analysis: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	MS/MSD: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
Correct Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	9.
-Pace Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
-Pace IR Containers Used:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	10.
Filtered volume received for Dissolved tests	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11.
Sample Labels match COC:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	12.
-Includes date/time/ID/Analysis Matrix: <u>S</u>	<u>4oz polys - 1D only</u> <u>035 - 18 depth - placed by elimination</u> <u>050 → 013, 017</u>	<u>070 072 date of 10/18/18</u> <u>10/9/18</u>
Trip Blank Present:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	13.
Trip Blank Custody Seals Present	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> 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:** [Signature] **Date:** 10/10/18