

## Mulcahy, Connor P - DNR

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**From:** Travis W. Peterson <tpeterson@kapurinc.com>  
**Sent:** Monday, April 1, 2024 10:54 AM  
**To:** Mulcahy, Connor P - DNR  
**Cc:** robert3bach@gmail.com; Martinez, Joseph J - DNR  
**Subject:** RE: Mercury Marine Plant No. 1 (02-46-588930) Latest PFET Data Results  
**Attachments:** Fox Run 24 HR Indoor Air TCE Vapor Data Table.pdf

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

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Do not click links or open attachments unless you recognize the sender and know the content is safe.**

Connor.

Also, please find attached the updated indoor air analytical data for the most recent sampling event completed on March 20, 2024. The results continue to show no detection of TCE within the indoor air further supporting the effectiveness of the mitigation measures in place.



### Travis W. Peterson

Associate / Economic Development Manager

7711 N Port Washington Road, Milwaukee, Wisconsin 53217

**m:** 414.254.6358

**o:** 414.751.7279

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**From:** Travis W. Peterson  
**Sent:** Monday, April 1, 2024 8:12 AM  
**To:** 'Mulcahy, Connor P - DNR' <connor.mulcahy@wisconsin.gov>  
**Cc:** robert3bach@gmail.com; 'Martinez, Joseph J - DNR' <Joseph.Martinez@wisconsin.gov>  
**Subject:** RE: Mercury Marine Plant No. 1 (02-46-588930) Latest PFET Data Results

Good morning Connor.

Attached please find the latest vapor pressure differential data collected last week for both the active and passive systems.



### Travis W. Peterson

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**From:** Travis W. Peterson

**Sent:** Wednesday, March 20, 2024 1:47 PM

**To:** Mulcahy, Connor P - DNR <[connor.mulcahy@wisconsin.gov](mailto:connor.mulcahy@wisconsin.gov)>; Martinez, Joseph J - DNR <[Joseph.Martinez@wisconsin.gov](mailto:Joseph.Martinez@wisconsin.gov)>

**Cc:** [robert3bach@gmail.com](mailto:robert3bach@gmail.com)

**Subject:** Mercury Marine Plant No. 1 (02-46-588930) Latest PFET Data Results

Good afternoon Connor and Joe.

Attached please find the pressure field readings through today March 20, 2024. I wanted to forward the results on to you both so that this information was readily available prior to our upcoming conference call.

The tables have now been broken down into an Active Vapor Pressure Data spreadsheet and a Passive Vapor Pressure Data spreadsheet.

The active table will serve to provide the pressure data readings from Building D & E and Buildings 3 and 5 (which were determined during a previous phone conversation with the WDNR to be the buildings that would have the passive systems "activated"). The second table will provide the pressure readings from buildings which had passive systems installed.

Please let me know if you have any questions regarding this information.



**Travis W. Peterson**

Associate / Economic Development Manager

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NOTES:

Analysis run via EPA TO-15 methodology

All results are in micrograms per cubic meter ( $\mu\text{g}/\text{m}^3$ ) unless noted otherwise

Concentrations exceeding the Residential Indoor Air Vapor Risk Screening Levels are in **BOLD**

Concentrations exceeding the Residential Sub-Slab Vapor Risk Screening Levels are *italicized*

J = Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

N/A



# ANALYTICAL REPORT

March 29, 2024

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

## Kapur Inc - Milwaukee, WI

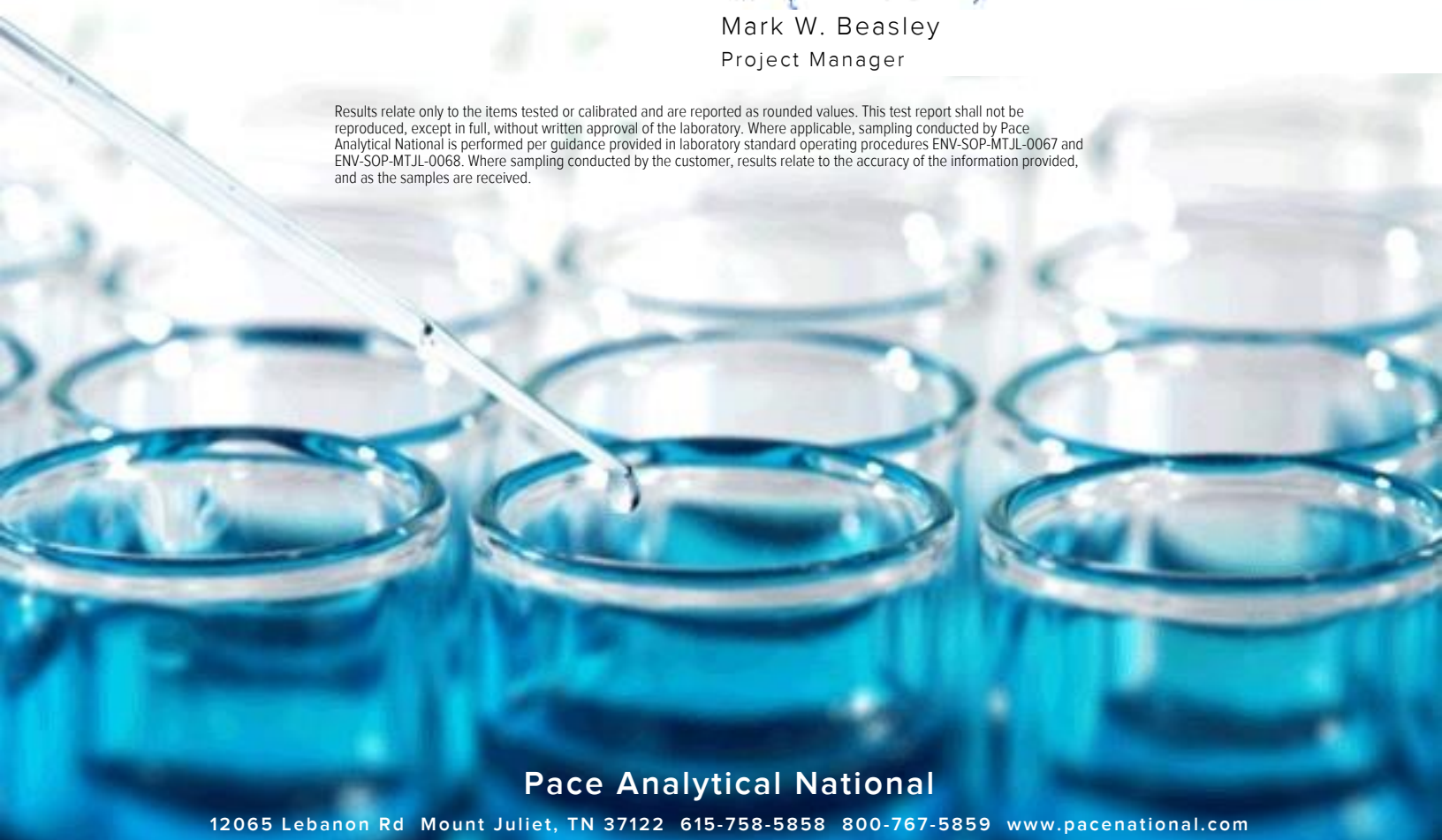
Sample Delivery Group: L1717513  
 Samples Received: 03/21/2024  
 Project Number:  
 Description: Fox Run

Report To: Travis Peterson  
 7711 N. Port Washington Road  
 Milwaukee, WI 53217

Entire Report Reviewed By:

Mark W. Beasley  
Project Manager




Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.



**Pace Analytical National**

12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 www.pacenational.com

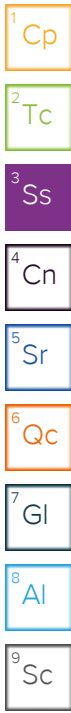
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# SAMPLE SUMMARY

## BLDG D12 (126) L1717513-01 Air

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Collected by						
Collected date/time						
Received date/time						
Volatile Organic Compounds (MS) by Method TO-15	WG2252552	1	03/23/24 13:50	03/23/24 13:50	DAH	Mt. Juliet, TN
Volatile Organic Compounds (MS) by Method TO-15	WG2256052	20	03/28/24 15:37	03/28/24 15:37	SDS	Mt. Juliet, TN



## BLDG D13 (146) L1717513-02 Air

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Collected by						
Collected date/time						
Received date/time						
Volatile Organic Compounds (MS) by Method TO-15	WG2252552	1	03/23/24 14:18	03/23/24 14:18	DAH	Mt. Juliet, TN

## BLDG D14 (132) L1717513-03 Air

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Collected by						
Collected date/time						
Received date/time						
Volatile Organic Compounds (MS) by Method TO-15	WG2252552	1	03/23/24 14:47	03/23/24 14:47	DAH	Mt. Juliet, TN
Volatile Organic Compounds (MS) by Method TO-15	WG2255881	5	03/28/24 14:03	03/28/24 14:03	CRT	Mt. Juliet, TN

## BLDG D11 (154) L1717513-04 Air

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Collected by						
Collected date/time						
Received date/time						
Volatile Organic Compounds (MS) by Method TO-15	WG2252552	1	03/23/24 15:15	03/23/24 15:15	DAH	Mt. Juliet, TN

## BLDG D8 (181) L1717513-05 Air

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Collected by						
Collected date/time						
Received date/time						
Volatile Organic Compounds (MS) by Method TO-15	WG2252552	1	03/23/24 15:44	03/23/24 15:44	DAH	Mt. Juliet, TN
Volatile Organic Compounds (MS) by Method TO-15	WG2255881	20	03/28/24 14:32	03/28/24 14:32	CRT	Mt. Juliet, TN

## BLDG 2 (N49W6335) L1717513-06 Air

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Collected by						
Collected date/time						
Received date/time						
Volatile Organic Compounds (MS) by Method TO-15	WG2252552	1	03/23/24 16:12	03/23/24 16:12	DAH	Mt. Juliet, TN

## BLDG 5A (W63N476) L1717513-07 Air

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Collected by						
Collected date/time						
Received date/time						
Volatile Organic Compounds (MS) by Method TO-15	WG2252552	1	03/23/24 16:40	03/23/24 16:40	DAH	Mt. Juliet, TN

## BLDG 5B (WG3N480) L1717513-08 Air

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Collected by						
Collected date/time						
Received date/time						
Volatile Organic Compounds (MS) by Method TO-15	WG2252552	1	03/23/24 17:09	03/23/24 17:09	DAH	Mt. Juliet, TN

# CASE NARRATIVE

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.



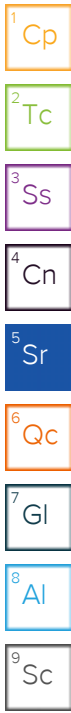
Mark W. Beasley  
Project Manager

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc



Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
Acetone	67-64-1	58.10	1.95	4.63	192	456	E	1	WG2252552
Allyl chloride	107-05-1	76.53	0.380	1.19	ND	ND		1	WG2252552
Benzene	71-43-2	78.10	0.238	0.760	0.366	1.17		1	WG2252552
Benzyl Chloride	100-44-7	127	0.199	1.03	ND	ND		1	WG2252552
Bromodichloromethane	75-27-4	164	0.234	1.57	ND	ND		1	WG2252552
Bromoform	75-25-2	253	0.244	2.52	ND	ND		1	WG2252552
Bromomethane	74-83-9	94.90	0.327	1.27	ND	ND		1	WG2252552
1,3-Butadiene	106-99-0	54.10	0.347	0.768	ND	ND		1	WG2252552
Carbon disulfide	75-15-0	76.10	0.340	1.06	ND	ND		1	WG2252552
Carbon tetrachloride	56-23-5	154	0.244	1.54	ND	ND		1	WG2252552
Chlorobenzene	108-90-7	113	0.277	1.28	ND	ND		1	WG2252552
Chloroethane	75-00-3	64.50	0.332	0.876	ND	ND		1	WG2252552
Chloroform	67-66-3	119	0.239	1.16	ND	ND		1	WG2252552
Chloromethane	74-87-3	50.50	0.343	0.708	0.682	1.41		1	WG2252552
2-Chlorotoluene	95-49-8	126	0.276	1.42	ND	ND		1	WG2252552
Cyclohexane	110-82-7	84.20	0.251	0.864	15.4	53.0		1	WG2252552
Dibromochloromethane	124-48-1	208	0.242	2.06	ND	ND		1	WG2252552
1,2-Dibromoethane	106-93-4	188	0.240	1.85	ND	ND		1	WG2252552
1,2-Dichlorobenzene	95-50-1	147	0.427	2.57	ND	ND		1	WG2252552
1,3-Dichlorobenzene	541-73-1	147	0.607	3.65	ND	ND		1	WG2252552
1,4-Dichlorobenzene	106-46-7	147	0.186	1.12	ND	ND		1	WG2252552
1,2-Dichloroethane	107-06-2	99	0.233	0.943	ND	ND		1	WG2252552
1,1-Dichloroethane	75-34-3	98	0.241	0.966	ND	ND		1	WG2252552
1,1-Dichloroethene	75-35-4	96.90	0.254	1.01	ND	ND		1	WG2252552
cis-1,2-Dichloroethene	156-59-2	96.90	0.261	1.03	ND	ND		1	WG2252552
trans-1,2-Dichloroethene	156-60-5	96.90	0.224	0.888	0.477	1.89		1	WG2252552
1,2-Dichloropropane	78-87-5	113	0.253	1.17	ND	ND		1	WG2252552
cis-1,3-Dichloropropene	10061-01-5	111	0.230	1.04	ND	ND		1	WG2252552
trans-1,3-Dichloropropene	10061-02-6	111	0.243	1.10	ND	ND		1	WG2252552
1,4-Dioxane	123-91-1	88.10	0.278	1.00	ND	ND		1	WG2252552
Ethanol	64-17-5	46.10	0.883	1.66	59.7	113		1	WG2252552
Ethylbenzene	100-41-4	106	0.278	1.21	2.69	11.7		1	WG2252552
4-Ethyltoluene	622-96-8	120	0.261	1.28	0.306	1.50		1	WG2252552
Trichlorofluoromethane	75-69-4	137.40	0.273	1.53	ND	ND		1	WG2252552
Dichlorodifluoromethane	75-71-8	120.92	0.457	2.26	0.561	2.77		1	WG2252552
1,1,2-Trichlorotrifluoroethane	76-13-1	187.40	0.264	2.02	ND	ND		1	WG2252552
1,2-Dichlorotetrafluoroethane	76-14-2	171	0.297	2.08	ND	ND		1	WG2252552
Heptane	142-82-5	100	0.347	1.42	9.79	40.0		1	WG2252552
Hexachloro-1,3-butadiene	87-68-3	261	0.350	3.74	ND	ND		1	WG2252552
n-Hexane	110-54-3	86.20	0.687	2.42	ND	ND		1	WG2252552
Isopropylbenzene	98-82-8	120.20	0.259	1.27	ND	ND		1	WG2252552
Methylene Chloride	75-09-2	84.90	0.326	1.13	ND	ND		1	WG2252552
Methyl Butyl Ketone	591-78-6	100	0.443	1.81	ND	ND		1	WG2252552
2-Butanone (MEK)	78-93-3	72.10	5.43	16.0	76.8	226		20	WG2256052
4-Methyl-2-pentanone (MIBK)	108-10-1	100.10	0.255	1.04	ND	ND		1	WG2252552
Methyl methacrylate	80-62-6	100.12	0.292	1.20	ND	ND		1	WG2252552
MTBE	1634-04-4	88.10	0.216	0.778	ND	ND		1	WG2252552
Naphthalene	91-20-3	128	1.17	6.13	ND	ND		1	WG2252552
2-Propanol	67-63-0	60.10	0.880	2.16	16.1	39.6		1	WG2252552
Propene	115-07-1	42.10	0.311	0.536	ND	ND		1	WG2252552
Styrene	100-42-5	104	0.263	1.12	2.32	9.87		1	WG2252552
1,1,2,2-Tetrachloroethane	79-34-5	168	0.248	1.70	ND	ND		1	WG2252552
Tetrachloroethylene	127-18-4	166	0.271	1.84	ND	ND		1	WG2252552
Tetrahydrofuran	109-99-9	72.10	0.245	0.722	45.9	135		1	WG2252552
Toluene	108-88-3	92.10	0.290	1.09	45.1	170		1	WG2252552
1,2,4-Trichlorobenzene	120-82-1	181	0.493	3.65	ND	ND		1	WG2252552



Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
1,1,1-Trichloroethane	71-55-6	133	0.245	1.33	ND	ND		1	<a href="#">WG2252552</a>
1,1,2-Trichloroethane	79-00-5	133	0.258	1.40	ND	ND		1	<a href="#">WG2252552</a>
Trichloroethylene	79-01-6	131	0.227	1.22	ND	ND		1	<a href="#">WG2252552</a>
1,2,4-Trimethylbenzene	95-63-6	120	0.255	1.25	0.379	1.86		1	<a href="#">WG2252552</a>
1,3,5-Trimethylbenzene	108-67-8	120	0.260	1.28	ND	ND		1	<a href="#">WG2252552</a>
2,2,4-Trimethylpentane	540-84-1	114.22	0.443	2.07	ND	ND		1	<a href="#">WG2252552</a>
Vinyl chloride	75-01-4	62.50	0.316	0.808	ND	ND		1	<a href="#">WG2252552</a>
Vinyl Bromide	593-60-2	106.95	0.284	1.24	ND	ND		1	<a href="#">WG2252552</a>
Vinyl acetate	108-05-4	86.10	0.387	1.36	ND	ND		1	<a href="#">WG2252552</a>
Xylenes, Total	1330-20-7	106.16	0.450	1.95	12.6	54.7		1	<a href="#">WG2252552</a>
m&p-Xylene	179601-23-1	106	0.450	1.95	9.86	42.7		1	<a href="#">WG2252552</a>
o-Xylene	95-47-6	106	0.276	1.20	2.72	11.8		1	<a href="#">WG2252552</a>
(S) 1,4-Bromofluorobenzene	460-00-4	175	60.0-140		101				<a href="#">WG2252552</a>
(S) 1,4-Bromofluorobenzene	460-00-4	175	60.0-140		99.9				<a href="#">WG2256052</a>

1  
Cp

2  
Tc

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Ss

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Cn

5  
Sr

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Qc

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Gl

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Al

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Sc

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
Acetone	67-64-1	58.10	1.95	4.63	99.3	236		1	WG2252552
Allyl chloride	107-05-1	76.53	0.380	1.19	ND	ND		1	WG2252552
Benzene	71-43-2	78.10	0.238	0.760	0.370	1.18		1	WG2252552
Benzyl Chloride	100-44-7	127	0.199	1.03	ND	ND		1	WG2252552
Bromodichloromethane	75-27-4	164	0.234	1.57	ND	ND		1	WG2252552
Bromoform	75-25-2	253	0.244	2.52	ND	ND		1	WG2252552
Bromomethane	74-83-9	94.90	0.327	1.27	ND	ND		1	WG2252552
1,3-Butadiene	106-99-0	54.10	0.347	0.768	ND	ND		1	WG2252552
Carbon disulfide	75-15-0	76.10	0.340	1.06	ND	ND		1	WG2252552
Carbon tetrachloride	56-23-5	154	0.244	1.54	ND	ND		1	WG2252552
Chlorobenzene	108-90-7	113	0.277	1.28	ND	ND		1	WG2252552
Chloroethane	75-00-3	64.50	0.332	0.876	ND	ND		1	WG2252552
Chloroform	67-66-3	119	0.239	1.16	ND	ND		1	WG2252552
Chloromethane	74-87-3	50.50	0.343	0.708	0.679	1.40		1	WG2252552
2-Chlorotoluene	95-49-8	126	0.276	1.42	ND	ND		1	WG2252552
Cyclohexane	110-82-7	84.20	0.251	0.864	14.8	51.0		1	WG2252552
Dibromochloromethane	124-48-1	208	0.242	2.06	ND	ND		1	WG2252552
1,2-Dibromoethane	106-93-4	188	0.240	1.85	ND	ND		1	WG2252552
1,2-Dichlorobenzene	95-50-1	147	0.427	2.57	ND	ND		1	WG2252552
1,3-Dichlorobenzene	541-73-1	147	0.607	3.65	ND	ND		1	WG2252552
1,4-Dichlorobenzene	106-46-7	147	0.186	1.12	ND	ND		1	WG2252552
1,2-Dichloroethane	107-06-2	99	0.233	0.943	ND	ND		1	WG2252552
1,1-Dichloroethane	75-34-3	98	0.241	0.966	ND	ND		1	WG2252552
1,1-Dichloroethene	75-35-4	96.90	0.254	1.01	ND	ND		1	WG2252552
cis-1,2-Dichloroethene	156-59-2	96.90	0.261	1.03	ND	ND		1	WG2252552
trans-1,2-Dichloroethene	156-60-5	96.90	0.224	0.888	ND	ND		1	WG2252552
1,2-Dichloropropane	78-87-5	113	0.253	1.17	ND	ND		1	WG2252552
cis-1,3-Dichloropropene	10061-01-5	111	0.230	1.04	ND	ND		1	WG2252552
trans-1,3-Dichloropropene	10061-02-6	111	0.243	1.10	ND	ND		1	WG2252552
1,4-Dioxane	123-91-1	88.10	0.278	1.00	ND	ND		1	WG2252552
Ethanol	64-17-5	46.10	0.883	1.66	28.2	53.2		1	WG2252552
Ethylbenzene	100-41-4	106	0.278	1.21	0.982	4.26		1	WG2252552
4-Ethyltoluene	622-96-8	120	0.261	1.28	ND	ND		1	WG2252552
Trichlorofluoromethane	75-69-4	137.40	0.273	1.53	ND	ND		1	WG2252552
Dichlorodifluoromethane	75-71-8	120.92	0.457	2.26	0.537	2.66		1	WG2252552
1,1,2-Trichlorotrifluoroethane	76-13-1	187.40	0.264	2.02	ND	ND		1	WG2252552
1,2-Dichlorotetrafluoroethane	76-14-2	171	0.297	2.08	ND	ND		1	WG2252552
Heptane	142-82-5	100	0.347	1.42	4.46	18.2		1	WG2252552
Hexachloro-1,3-butadiene	87-68-3	261	0.350	3.74	ND	ND		1	WG2252552
n-Hexane	110-54-3	86.20	0.687	2.42	ND	ND		1	WG2252552
Isopropylbenzene	98-82-8	120.20	0.259	1.27	ND	ND		1	WG2252552
Methylene Chloride	75-09-2	84.90	0.326	1.13	ND	ND		1	WG2252552
Methyl Butyl Ketone	591-78-6	100	0.443	1.81	ND	ND		1	WG2252552
2-Butanone (MEK)	78-93-3	72.10	0.271	0.799	76.1	224		1	WG2252552
4-Methyl-2-pentanone (MIBK)	108-10-1	100.10	0.255	1.04	ND	ND		1	WG2252552
Methyl methacrylate	80-62-6	100.12	0.292	1.20	ND	ND		1	WG2252552
MTBE	1634-04-4	88.10	0.216	0.778	ND	ND		1	WG2252552
Naphthalene	91-20-3	128	1.17	6.13	ND	ND		1	WG2252552
2-Propanol	67-63-0	60.10	0.880	2.16	5.51	13.5	B	1	WG2252552
Propene	115-07-1	42.10	0.311	0.536	ND	ND		1	WG2252552
Styrene	100-42-5	104	0.263	1.12	0.563	2.39		1	WG2252552
1,1,2,2-Tetrachloroethane	79-34-5	168	0.248	1.70	ND	ND		1	WG2252552
Tetrachloroethylene	127-18-4	166	0.271	1.84	ND	ND		1	WG2252552
Tetrahydrofuran	109-99-9	72.10	0.245	0.722	16.1	47.5		1	WG2252552
Toluene	108-88-3	92.10	0.290	1.09	14.1	53.1		1	WG2252552
1,2,4-Trichlorobenzene	120-82-1	181	0.493	3.65	ND	ND		1	WG2252552

1 Cp  
2 Tc  
3 Ss  
4 Cn  
5 Sr  
6 Qc  
7 Gl  
8 Al  
9 Sc

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
1,1,1-Trichloroethane	71-55-6	133	0.245	1.33	ND	ND		1	<a href="#">WG2252552</a>
1,1,2-Trichloroethane	79-00-5	133	0.258	1.40	ND	ND		1	<a href="#">WG2252552</a>
Trichloroethylene	79-01-6	131	0.227	1.22	ND	ND		1	<a href="#">WG2252552</a>
1,2,4-Trimethylbenzene	95-63-6	120	0.255	1.25	ND	ND		1	<a href="#">WG2252552</a>
1,3,5-Trimethylbenzene	108-67-8	120	0.260	1.28	ND	ND		1	<a href="#">WG2252552</a>
2,2,4-Trimethylpentane	540-84-1	114.22	0.443	2.07	ND	ND		1	<a href="#">WG2252552</a>
Vinyl chloride	75-01-4	62.50	0.316	0.808	ND	ND		1	<a href="#">WG2252552</a>
Vinyl Bromide	593-60-2	106.95	0.284	1.24	ND	ND		1	<a href="#">WG2252552</a>
Vinyl acetate	108-05-4	86.10	0.387	1.36	ND	ND		1	<a href="#">WG2252552</a>
Xylenes, Total	1330-20-7	106.16	0.450	1.95	4.49	19.5		1	<a href="#">WG2252552</a>
m&p-Xylene	179601-23-1	106	0.450	1.95	3.46	15.0		1	<a href="#">WG2252552</a>
o-Xylene	95-47-6	106	0.276	1.20	1.03	4.47		1	<a href="#">WG2252552</a>
(S) 1,4-Bromofluorobenzene	460-00-4	175	60.0-140		99.9				<a href="#">WG2252552</a>

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
Acetone	67-64-1	58.10	1.95	4.63	91.8	218		1	WG2252552
Allyl chloride	107-05-1	76.53	0.380	1.19	ND	ND		1	WG2252552
Benzene	71-43-2	78.10	0.238	0.760	0.361	1.15		1	WG2252552
Benzyl Chloride	100-44-7	127	0.199	1.03	ND	ND		1	WG2252552
Bromodichloromethane	75-27-4	164	0.234	1.57	ND	ND		1	WG2252552
Bromoform	75-25-2	253	0.244	2.52	ND	ND		1	WG2252552
Bromomethane	74-83-9	94.90	0.327	1.27	ND	ND		1	WG2252552
1,3-Butadiene	106-99-0	54.10	0.347	0.768	ND	ND		1	WG2252552
Carbon disulfide	75-15-0	76.10	0.340	1.06	ND	ND		1	WG2252552
Carbon tetrachloride	56-23-5	154	0.244	1.54	ND	ND		1	WG2252552
Chlorobenzene	108-90-7	113	0.277	1.28	ND	ND		1	WG2252552
Chloroethane	75-00-3	64.50	0.332	0.876	ND	ND		1	WG2252552
Chloroform	67-66-3	119	0.239	1.16	ND	ND		1	WG2252552
Chloromethane	74-87-3	50.50	0.343	0.708	0.732	1.51		1	WG2252552
2-Chlorotoluene	95-49-8	126	0.276	1.42	ND	ND		1	WG2252552
Cyclohexane	110-82-7	84.20	1.26	4.34	68.0	234		5	WG2255881
Dibromochloromethane	124-48-1	208	0.242	2.06	ND	ND		1	WG2252552
1,2-Dibromoethane	106-93-4	188	0.240	1.85	ND	ND		1	WG2252552
1,2-Dichlorobenzene	95-50-1	147	0.427	2.57	ND	ND		1	WG2252552
1,3-Dichlorobenzene	541-73-1	147	0.607	3.65	ND	ND		1	WG2252552
1,4-Dichlorobenzene	106-46-7	147	0.186	1.12	ND	ND		1	WG2252552
1,2-Dichloroethane	107-06-2	99	0.233	0.943	ND	ND		1	WG2252552
1,1-Dichloroethane	75-34-3	98	0.241	0.966	ND	ND		1	WG2252552
1,1-Dichloroethene	75-35-4	96.90	0.254	1.01	ND	ND		1	WG2252552
cis-1,2-Dichloroethene	156-59-2	96.90	0.261	1.03	ND	ND		1	WG2252552
trans-1,2-Dichloroethene	156-60-5	96.90	0.224	0.888	ND	ND		1	WG2252552
1,2-Dichloropropane	78-87-5	113	0.253	1.17	ND	ND		1	WG2252552
cis-1,3-Dichloropropene	10061-01-5	111	0.230	1.04	ND	ND		1	WG2252552
trans-1,3-Dichloropropene	10061-02-6	111	0.243	1.10	ND	ND		1	WG2252552
1,4-Dioxane	123-91-1	88.10	0.278	1.00	ND	ND		1	WG2252552
Ethanol	64-17-5	46.10	0.883	1.66	25.5	48.1		1	WG2252552
Ethylbenzene	100-41-4	106	0.278	1.21	1.04	4.51		1	WG2252552
4-Ethyltoluene	622-96-8	120	0.261	1.28	ND	ND		1	WG2252552
Trichlorofluoromethane	75-69-4	137.40	0.273	1.53	ND	ND		1	WG2252552
Dichlorodifluoromethane	75-71-8	120.92	0.457	2.26	0.569	2.81		1	WG2252552
1,1,2-Trichlorotrifluoroethane	76-13-1	187.40	0.264	2.02	ND	ND		1	WG2252552
1,2-Dichlorotetrafluoroethane	76-14-2	171	0.297	2.08	ND	ND		1	WG2252552
Heptane	142-82-5	100	0.347	1.42	20.1	82.2		1	WG2252552
Hexachloro-1,3-butadiene	87-68-3	261	0.350	3.74	ND	ND		1	WG2252552
n-Hexane	110-54-3	86.20	0.687	2.42	ND	ND		1	WG2252552
Isopropylbenzene	98-82-8	120.20	0.259	1.27	ND	ND		1	WG2252552
Methylene Chloride	75-09-2	84.90	0.326	1.13	ND	ND		1	WG2252552
Methyl Butyl Ketone	591-78-6	100	0.443	1.81	ND	ND		1	WG2252552
2-Butanone (MEK)	78-93-3	72.10	0.271	0.799	72.2	213		1	WG2252552
4-Methyl-2-pentanone (MIBK)	108-10-1	100.10	0.255	1.04	ND	ND		1	WG2252552
Methyl methacrylate	80-62-6	100.12	0.292	1.20	ND	ND		1	WG2252552
MTBE	1634-04-4	88.10	0.216	0.778	ND	ND		1	WG2252552
Naphthalene	91-20-3	128	1.17	6.13	ND	ND		1	WG2252552
2-Propanol	67-63-0	60.10	0.880	2.16	5.04	12.4	B	1	WG2252552
Propene	115-07-1	42.10	0.311	0.536	ND	ND		1	WG2252552
Styrene	100-42-5	104	0.263	1.12	1.17	4.98		1	WG2252552
1,1,2,2-Tetrachloroethane	79-34-5	168	0.248	1.70	ND	ND		1	WG2252552
Tetrachloroethylene	127-18-4	166	0.271	1.84	ND	ND		1	WG2252552
Tetrahydrofuran	109-99-9	72.10	0.245	0.722	17.2	50.7		1	WG2252552
Toluene	108-88-3	92.10	0.290	1.09	14.1	53.1		1	WG2252552
1,2,4-Trichlorobenzene	120-82-1	181	0.493	3.65	ND	ND		1	WG2252552

1 Cp  
2 Tc  
3 Ss  
4 Cn  
5 Sr  
6 Qc  
7 Gl  
8 Al  
9 Sc

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
1,1,1-Trichloroethane	71-55-6	133	0.245	1.33	ND	ND		1	<a href="#">WG2252552</a>
1,1,2-Trichloroethane	79-00-5	133	0.258	1.40	ND	ND		1	<a href="#">WG2252552</a>
Trichloroethylene	79-01-6	131	0.227	1.22	ND	ND		1	<a href="#">WG2252552</a>
1,2,4-Trimethylbenzene	95-63-6	120	0.255	1.25	0.391	1.92		1	<a href="#">WG2252552</a>
1,3,5-Trimethylbenzene	108-67-8	120	0.260	1.28	ND	ND		1	<a href="#">WG2252552</a>
2,2,4-Trimethylpentane	540-84-1	114.22	0.443	2.07	ND	ND		1	<a href="#">WG2252552</a>
Vinyl chloride	75-01-4	62.50	0.316	0.808	ND	ND		1	<a href="#">WG2252552</a>
Vinyl Bromide	593-60-2	106.95	0.284	1.24	ND	ND		1	<a href="#">WG2252552</a>
Vinyl acetate	108-05-4	86.10	0.387	1.36	ND	ND		1	<a href="#">WG2252552</a>
Xylenes, Total	1330-20-7	106.16	0.450	1.95	4.97	21.6		1	<a href="#">WG2252552</a>
m&p-Xylene	179601-23-1	106	0.450	1.95	3.83	16.6		1	<a href="#">WG2252552</a>
o-Xylene	95-47-6	106	0.276	1.20	1.14	4.94		1	<a href="#">WG2252552</a>
(S) 1,4-Bromofluorobenzene	460-00-4	175	60.0-140		100				<a href="#">WG2252552</a>
(S) 1,4-Bromofluorobenzene	460-00-4	175	60.0-140		95.2				<a href="#">WG2255881</a>

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
Acetone	67-64-1	58.10	1.95	4.63	148	352	E	1	WG2252552
Allyl chloride	107-05-1	76.53	0.380	1.19	ND	ND		1	WG2252552
Benzene	71-43-2	78.10	0.238	0.760	0.328	1.05		1	WG2252552
Benzyl Chloride	100-44-7	127	0.199	1.03	ND	ND		1	WG2252552
Bromodichloromethane	75-27-4	164	0.234	1.57	ND	ND		1	WG2252552
Bromoform	75-25-2	253	0.244	2.52	ND	ND		1	WG2252552
Bromomethane	74-83-9	94.90	0.327	1.27	ND	ND		1	WG2252552
1,3-Butadiene	106-99-0	54.10	0.347	0.768	ND	ND		1	WG2252552
Carbon disulfide	75-15-0	76.10	0.340	1.06	ND	ND		1	WG2252552
Carbon tetrachloride	56-23-5	154	0.244	1.54	ND	ND		1	WG2252552
Chlorobenzene	108-90-7	113	0.277	1.28	ND	ND		1	WG2252552
Chloroethane	75-00-3	64.50	0.332	0.876	ND	ND		1	WG2252552
Chloroform	67-66-3	119	0.239	1.16	ND	ND		1	WG2252552
Chloromethane	74-87-3	50.50	0.343	0.708	0.736	1.52		1	WG2252552
2-Chlorotoluene	95-49-8	126	0.276	1.42	ND	ND		1	WG2252552
Cyclohexane	110-82-7	84.20	0.251	0.864	11.4	39.3		1	WG2252552
Dibromochloromethane	124-48-1	208	0.242	2.06	ND	ND		1	WG2252552
1,2-Dibromoethane	106-93-4	188	0.240	1.85	ND	ND		1	WG2252552
1,2-Dichlorobenzene	95-50-1	147	0.427	2.57	ND	ND		1	WG2252552
1,3-Dichlorobenzene	541-73-1	147	0.607	3.65	ND	ND		1	WG2252552
1,4-Dichlorobenzene	106-46-7	147	0.186	1.12	ND	ND		1	WG2252552
1,2-Dichloroethane	107-06-2	99	0.233	0.943	ND	ND		1	WG2252552
1,1-Dichloroethane	75-34-3	98	0.241	0.966	ND	ND		1	WG2252552
1,1-Dichloroethene	75-35-4	96.90	0.254	1.01	ND	ND		1	WG2252552
cis-1,2-Dichloroethene	156-59-2	96.90	0.261	1.03	ND	ND		1	WG2252552
trans-1,2-Dichloroethene	156-60-5	96.90	0.224	0.888	0.468	1.85		1	WG2252552
1,2-Dichloropropane	78-87-5	113	0.253	1.17	ND	ND		1	WG2252552
cis-1,3-Dichloropropene	10061-01-5	111	0.230	1.04	ND	ND		1	WG2252552
trans-1,3-Dichloropropene	10061-02-6	111	0.243	1.10	ND	ND		1	WG2252552
1,4-Dioxane	123-91-1	88.10	0.278	1.00	ND	ND		1	WG2252552
Ethanol	64-17-5	46.10	0.883	1.66	49.0	92.4		1	WG2252552
Ethylbenzene	100-41-4	106	0.278	1.21	2.32	10.1		1	WG2252552
4-Ethyltoluene	622-96-8	120	0.261	1.28	ND	ND		1	WG2252552
Trichlorofluoromethane	75-69-4	137.40	0.273	1.53	ND	ND		1	WG2252552
Dichlorodifluoromethane	75-71-8	120.92	0.457	2.26	0.559	2.76		1	WG2252552
1,1,2-Trichlorotrifluoroethane	76-13-1	187.40	0.264	2.02	ND	ND		1	WG2252552
1,2-Dichlorotetrafluoroethane	76-14-2	171	0.297	2.08	ND	ND		1	WG2252552
Heptane	142-82-5	100	0.347	1.42	6.82	27.9		1	WG2252552
Hexachloro-1,3-butadiene	87-68-3	261	0.350	3.74	ND	ND		1	WG2252552
n-Hexane	110-54-3	86.20	0.687	2.42	ND	ND		1	WG2252552
Isopropylbenzene	98-82-8	120.20	0.259	1.27	ND	ND		1	WG2252552
Methylene Chloride	75-09-2	84.90	0.326	1.13	ND	ND		1	WG2252552
Methyl Butyl Ketone	591-78-6	100	0.443	1.81	ND	ND		1	WG2252552
2-Butanone (MEK)	78-93-3	72.10	0.271	0.799	72.1	213		1	WG2252552
4-Methyl-2-pentanone (MIBK)	108-10-1	100.10	0.255	1.04	ND	ND		1	WG2252552
Methyl methacrylate	80-62-6	100.12	0.292	1.20	ND	ND		1	WG2252552
MTBE	1634-04-4	88.10	0.216	0.778	ND	ND		1	WG2252552
Naphthalene	91-20-3	128	1.17	6.13	ND	ND		1	WG2252552
2-Propanol	67-63-0	60.10	0.880	2.16	15.7	38.6		1	WG2252552
Propene	115-07-1	42.10	0.311	0.536	ND	ND		1	WG2252552
Styrene	100-42-5	104	0.263	1.12	1.24	5.27		1	WG2252552
1,1,2,2-Tetrachloroethane	79-34-5	168	0.248	1.70	ND	ND		1	WG2252552
Tetrachloroethylene	127-18-4	166	0.271	1.84	ND	ND		1	WG2252552
Tetrahydrofuran	109-99-9	72.10	0.245	0.722	33.1	97.6		1	WG2252552
Toluene	108-88-3	92.10	0.290	1.09	49.6	187		1	WG2252552
1,2,4-Trichlorobenzene	120-82-1	181	0.493	3.65	ND	ND		1	WG2252552

1 Cp  
2 Tc  
3 Ss  
4 Cn  
5 Sr  
6 Qc  
7 Gl  
8 Al  
9 Sc

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
1,1,1-Trichloroethane	71-55-6	133	0.245	1.33	ND	ND		1	<a href="#">WG2252552</a>
1,1,2-Trichloroethane	79-00-5	133	0.258	1.40	ND	ND		1	<a href="#">WG2252552</a>
Trichloroethylene	79-01-6	131	0.227	1.22	ND	ND		1	<a href="#">WG2252552</a>
1,2,4-Trimethylbenzene	95-63-6	120	0.255	1.25	0.350	1.72		1	<a href="#">WG2252552</a>
1,3,5-Trimethylbenzene	108-67-8	120	0.260	1.28	ND	ND		1	<a href="#">WG2252552</a>
2,2,4-Trimethylpentane	540-84-1	114.22	0.443	2.07	ND	ND		1	<a href="#">WG2252552</a>
Vinyl chloride	75-01-4	62.50	0.316	0.808	ND	ND		1	<a href="#">WG2252552</a>
Vinyl Bromide	593-60-2	106.95	0.284	1.24	ND	ND		1	<a href="#">WG2252552</a>
Vinyl acetate	108-05-4	86.10	0.387	1.36	ND	ND		1	<a href="#">WG2252552</a>
Xylenes, Total	1330-20-7	106.16	0.450	1.95	10.8	46.9		1	<a href="#">WG2252552</a>
m&p-Xylene	179601-23-1	106	0.450	1.95	8.47	36.7		1	<a href="#">WG2252552</a>
o-Xylene	95-47-6	106	0.276	1.20	2.37	10.3		1	<a href="#">WG2252552</a>
(S) 1,4-Bromofluorobenzene	460-00-4	175	60.0-140		96.8				<a href="#">WG2252552</a>

1  
Cp

2  
Tc

3  
Ss

4  
Cn

5  
Sr

6  
Qc

7  
Gl

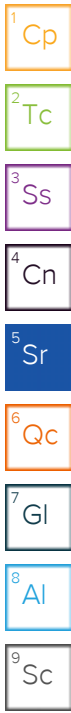
8  
Al

9  
Sc



Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
Acetone	67-64-1	58.10	1.95	4.63	201	478	E	1	WG2252552
Allyl chloride	107-05-1	76.53	0.380	1.19	ND	ND		1	WG2252552
Benzene	71-43-2	78.10	0.238	0.760	0.421	1.34		1	WG2252552
Benzyl Chloride	100-44-7	127	0.199	1.03	ND	ND		1	WG2252552
Bromodichloromethane	75-27-4	164	0.234	1.57	ND	ND		1	WG2252552
Bromoform	75-25-2	253	0.244	2.52	ND	ND		1	WG2252552
Bromomethane	74-83-9	94.90	0.327	1.27	ND	ND		1	WG2252552
1,3-Butadiene	106-99-0	54.10	0.347	0.768	ND	ND		1	WG2252552
Carbon disulfide	75-15-0	76.10	0.340	1.06	ND	ND		1	WG2252552
Carbon tetrachloride	56-23-5	154	0.244	1.54	ND	ND		1	WG2252552
Chlorobenzene	108-90-7	113	0.277	1.28	ND	ND		1	WG2252552
Chloroethane	75-00-3	64.50	0.332	0.876	ND	ND		1	WG2252552
Chloroform	67-66-3	119	0.239	1.16	ND	ND		1	WG2252552
Chloromethane	74-87-3	50.50	0.343	0.708	0.825	1.70		1	WG2252552
2-Chlorotoluene	95-49-8	126	0.276	1.42	ND	ND		1	WG2252552
Cyclohexane	110-82-7	84.20	0.251	0.864	15.0	51.7		1	WG2252552
Dibromochloromethane	124-48-1	208	0.242	2.06	ND	ND		1	WG2252552
1,2-Dibromoethane	106-93-4	188	0.240	1.85	ND	ND		1	WG2252552
1,2-Dichlorobenzene	95-50-1	147	0.427	2.57	ND	ND		1	WG2252552
1,3-Dichlorobenzene	541-73-1	147	0.607	3.65	ND	ND		1	WG2252552
1,4-Dichlorobenzene	106-46-7	147	0.186	1.12	ND	ND		1	WG2252552
1,2-Dichloroethane	107-06-2	99	0.233	0.943	ND	ND		1	WG2252552
1,1-Dichloroethane	75-34-3	98	0.241	0.966	ND	ND		1	WG2252552
1,1-Dichloroethene	75-35-4	96.90	0.254	1.01	ND	ND		1	WG2252552
cis-1,2-Dichloroethene	156-59-2	96.90	0.261	1.03	ND	ND		1	WG2252552
trans-1,2-Dichloroethene	156-60-5	96.90	0.224	0.888	1.67	6.62		1	WG2252552
1,2-Dichloropropane	78-87-5	113	0.253	1.17	ND	ND		1	WG2252552
cis-1,3-Dichloropropene	10061-01-5	111	0.230	1.04	ND	ND		1	WG2252552
trans-1,3-Dichloropropene	10061-02-6	111	0.243	1.10	ND	ND		1	WG2252552
1,4-Dioxane	123-91-1	88.10	0.278	1.00	ND	ND		1	WG2252552
Ethanol	64-17-5	46.10	0.883	1.66	304	573	E	1	WG2252552
Ethylbenzene	100-41-4	106	0.278	1.21	2.75	11.9		1	WG2252552
4-Ethyltoluene	622-96-8	120	0.261	1.28	0.334	1.64		1	WG2252552
Trichlorofluoromethane	75-69-4	137.40	0.273	1.53	ND	ND		1	WG2252552
Dichlorodifluoromethane	75-71-8	120.92	0.457	2.26	0.572	2.83		1	WG2252552
1,1,2-Trichlorotrifluoroethane	76-13-1	187.40	0.264	2.02	ND	ND		1	WG2252552
1,2-Dichlorotetrafluoroethane	76-14-2	171	0.297	2.08	ND	ND		1	WG2252552
Heptane	142-82-5	100	0.347	1.42	3.74	15.3		1	WG2252552
Hexachloro-1,3-butadiene	87-68-3	261	0.350	3.74	ND	ND		1	WG2252552
n-Hexane	110-54-3	86.20	0.687	2.42	ND	ND		1	WG2252552
Isopropylbenzene	98-82-8	120.20	0.259	1.27	ND	ND		1	WG2252552
Methylene Chloride	75-09-2	84.90	0.326	1.13	0.703	2.44		1	WG2252552
Methyl Butyl Ketone	591-78-6	100	0.443	1.81	ND	ND		1	WG2252552
2-Butanone (MEK)	78-93-3	72.10	5.43	16.0	99.2	293		20	WG2255881
4-Methyl-2-pentanone (MIBK)	108-10-1	100.10	0.255	1.04	2.22	9.09		1	WG2252552
Methyl methacrylate	80-62-6	100.12	0.292	1.20	ND	ND		1	WG2252552
MTBE	1634-04-4	88.10	0.216	0.778	ND	ND		1	WG2252552
Naphthalene	91-20-3	128	1.17	6.13	ND	ND		1	WG2252552
2-Propanol	67-63-0	60.10	0.880	2.16	16.5	40.6		1	WG2252552
Propene	115-07-1	42.10	0.311	0.536	ND	ND		1	WG2252552
Styrene	100-42-5	104	0.263	1.12	1.66	7.06		1	WG2252552
1,1,2,2-Tetrachloroethane	79-34-5	168	0.248	1.70	ND	ND		1	WG2252552
Tetrachloroethylene	127-18-4	166	0.271	1.84	ND	ND		1	WG2252552
Tetrahydrofuran	109-99-9	72.10	0.245	0.722	41.3	122		1	WG2252552
Toluene	108-88-3	92.10	0.290	1.09	50.9	192		1	WG2252552
1,2,4-Trichlorobenzene	120-82-1	181	0.493	3.65	ND	ND		1	WG2252552



Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
1,1,1-Trichloroethane	71-55-6	133	0.245	1.33	ND	ND		1	<a href="#">WG2252552</a>
1,1,2-Trichloroethane	79-00-5	133	0.258	1.40	ND	ND		1	<a href="#">WG2252552</a>
Trichloroethylene	79-01-6	131	0.227	1.22	ND	ND		1	<a href="#">WG2252552</a>
1,2,4-Trimethylbenzene	95-63-6	120	0.255	1.25	0.401	1.97		1	<a href="#">WG2252552</a>
1,3,5-Trimethylbenzene	108-67-8	120	0.260	1.28	ND	ND		1	<a href="#">WG2252552</a>
2,2,4-Trimethylpentane	540-84-1	114.22	0.443	2.07	ND	ND		1	<a href="#">WG2252552</a>
Vinyl chloride	75-01-4	62.50	0.316	0.808	ND	ND		1	<a href="#">WG2252552</a>
Vinyl Bromide	593-60-2	106.95	0.284	1.24	ND	ND		1	<a href="#">WG2252552</a>
Vinyl acetate	108-05-4	86.10	0.387	1.36	ND	ND		1	<a href="#">WG2252552</a>
Xylenes, Total	1330-20-7	106.16	0.450	1.95	12.8	55.6		1	<a href="#">WG2252552</a>
m&p-Xylene	179601-23-1	106	0.450	1.95	9.94	43.1		1	<a href="#">WG2252552</a>
o-Xylene	95-47-6	106	0.276	1.20	2.86	12.4		1	<a href="#">WG2252552</a>
(S) 1,4-Bromofluorobenzene	460-00-4	175	60.0-140		97.7				<a href="#">WG2252552</a>
(S) 1,4-Bromofluorobenzene	460-00-4	175	60.0-140		95.4				<a href="#">WG2255881</a>

1  
Cp

2  
Tc

3  
Ss

4  
Cn

5  
Sr

6  
Qc

7  
Gl

8  
Al

9  
Sc

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
Acetone	67-64-1	58.10	1.95	4.63	606	1440	E	1	WG2252552
Allyl chloride	107-05-1	76.53	0.380	1.19	ND	ND		1	WG2252552
Benzene	71-43-2	78.10	0.238	0.760	ND	ND		1	WG2252552
Benzyl Chloride	100-44-7	127	0.199	1.03	ND	ND		1	WG2252552
Bromodichloromethane	75-27-4	164	0.234	1.57	ND	ND		1	WG2252552
Bromoform	75-25-2	253	0.244	2.52	ND	ND		1	WG2252552
Bromomethane	74-83-9	94.90	0.327	1.27	ND	ND		1	WG2252552
1,3-Butadiene	106-99-0	54.10	0.347	0.768	ND	ND		1	WG2252552
Carbon disulfide	75-15-0	76.10	0.340	1.06	ND	ND		1	WG2252552
Carbon tetrachloride	56-23-5	154	0.244	1.54	ND	ND		1	WG2252552
Chlorobenzene	108-90-7	113	0.277	1.28	ND	ND		1	WG2252552
Chloroethane	75-00-3	64.50	0.332	0.876	ND	ND		1	WG2252552
Chloroform	67-66-3	119	0.239	1.16	ND	ND		1	WG2252552
Chloromethane	74-87-3	50.50	0.343	0.708	ND	ND		1	WG2252552
2-Chlorotoluene	95-49-8	126	0.276	1.42	ND	ND		1	WG2252552
Cyclohexane	110-82-7	84.20	0.251	0.864	0.648	2.23		1	WG2252552
Dibromochloromethane	124-48-1	208	0.242	2.06	ND	ND		1	WG2252552
1,2-Dibromoethane	106-93-4	188	0.240	1.85	ND	ND		1	WG2252552
1,2-Dichlorobenzene	95-50-1	147	0.427	2.57	ND	ND		1	WG2252552
1,3-Dichlorobenzene	541-73-1	147	0.607	3.65	ND	ND		1	WG2252552
1,4-Dichlorobenzene	106-46-7	147	0.186	1.12	ND	ND		1	WG2252552
1,2-Dichloroethane	107-06-2	99	0.233	0.943	ND	ND		1	WG2252552
1,1-Dichloroethane	75-34-3	98	0.241	0.966	ND	ND		1	WG2252552
1,1-Dichloroethene	75-35-4	96.90	0.254	1.01	ND	ND		1	WG2252552
cis-1,2-Dichloroethene	156-59-2	96.90	0.261	1.03	ND	ND		1	WG2252552
trans-1,2-Dichloroethene	156-60-5	96.90	0.224	0.888	13.9	55.1		1	WG2252552
1,2-Dichloropropane	78-87-5	113	0.253	1.17	ND	ND		1	WG2252552
cis-1,3-Dichloropropene	10061-01-5	111	0.230	1.04	ND	ND		1	WG2252552
trans-1,3-Dichloropropene	10061-02-6	111	0.243	1.10	ND	ND		1	WG2252552
1,4-Dioxane	123-91-1	88.10	0.278	1.00	ND	ND		1	WG2252552
Ethanol	64-17-5	46.10	0.883	1.66	220	415	E	1	WG2252552
Ethylbenzene	100-41-4	106	0.278	1.21	0.518	2.25		1	WG2252552
4-Ethyltoluene	622-96-8	120	0.261	1.28	ND	ND		1	WG2252552
Trichlorofluoromethane	75-69-4	137.40	0.273	1.53	ND	ND		1	WG2252552
Dichlorodifluoromethane	75-71-8	120.92	0.457	2.26	0.563	2.78		1	WG2252552
1,1,2-Trichlorotrifluoroethane	76-13-1	187.40	0.264	2.02	ND	ND		1	WG2252552
1,2-Dichlorotetrafluoroethane	76-14-2	171	0.297	2.08	ND	ND		1	WG2252552
Heptane	142-82-5	100	0.347	1.42	1.11	4.54		1	WG2252552
Hexachloro-1,3-butadiene	87-68-3	261	0.350	3.74	ND	ND		1	WG2252552
n-Hexane	110-54-3	86.20	0.687	2.42	ND	ND		1	WG2252552
Isopropylbenzene	98-82-8	120.20	0.259	1.27	ND	ND		1	WG2252552
Methylene Chloride	75-09-2	84.90	0.326	1.13	0.399	1.39		1	WG2252552
Methyl Butyl Ketone	591-78-6	100	0.443	1.81	ND	ND		1	WG2252552
2-Butanone (MEK)	78-93-3	72.10	0.271	0.799	4.77	14.1		1	WG2252552
4-Methyl-2-pentanone (MIBK)	108-10-1	100.10	0.255	1.04	ND	ND		1	WG2252552
Methyl methacrylate	80-62-6	100.12	0.292	1.20	ND	ND		1	WG2252552
MTBE	1634-04-4	88.10	0.216	0.778	ND	ND		1	WG2252552
Naphthalene	91-20-3	128	1.17	6.13	ND	ND		1	WG2252552
2-Propanol	67-63-0	60.10	0.880	2.16	50.3	124		1	WG2252552
Propene	115-07-1	42.10	0.311	0.536	ND	ND		1	WG2252552
Styrene	100-42-5	104	0.263	1.12	3.23	13.7		1	WG2252552
1,1,2,2-Tetrachloroethane	79-34-5	168	0.248	1.70	ND	ND		1	WG2252552
Tetrachloroethylene	127-18-4	166	0.271	1.84	ND	ND		1	WG2252552
Tetrahydrofuran	109-99-9	72.10	0.245	0.722	2.16	6.37		1	WG2252552
Toluene	108-88-3	92.10	0.290	1.09	7.84	29.5		1	WG2252552
1,2,4-Trichlorobenzene	120-82-1	181	0.493	3.65	ND	ND		1	WG2252552

1 Cp  
2 Tc  
3 Ss  
4 Cn  
5 Sr  
6 Qc  
7 Gl  
8 Al  
9 Sc

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
1,1,1-Trichloroethane	71-55-6	133	0.245	1.33	ND	ND		1	<a href="#">WG2252552</a>
1,1,2-Trichloroethane	79-00-5	133	0.258	1.40	ND	ND		1	<a href="#">WG2252552</a>
Trichloroethylene	79-01-6	131	0.227	1.22	ND	ND		1	<a href="#">WG2252552</a>
1,2,4-Trimethylbenzene	95-63-6	120	0.255	1.25	0.797	3.91		1	<a href="#">WG2252552</a>
1,3,5-Trimethylbenzene	108-67-8	120	0.260	1.28	0.328	1.61		1	<a href="#">WG2252552</a>
2,2,4-Trimethylpentane	540-84-1	114.22	0.443	2.07	ND	ND		1	<a href="#">WG2252552</a>
Vinyl chloride	75-01-4	62.50	0.316	0.808	ND	ND		1	<a href="#">WG2252552</a>
Vinyl Bromide	593-60-2	106.95	0.284	1.24	ND	ND		1	<a href="#">WG2252552</a>
Vinyl acetate	108-05-4	86.10	0.387	1.36	ND	ND		1	<a href="#">WG2252552</a>
Xylenes, Total	1330-20-7	106.16	0.450	1.95	2.75	11.9		1	<a href="#">WG2252552</a>
m&p-Xylene	179601-23-1	106	0.450	1.95	1.97	8.54		1	<a href="#">WG2252552</a>
o-Xylene	95-47-6	106	0.276	1.20	0.780	3.38		1	<a href="#">WG2252552</a>
(S) 1,4-Bromofluorobenzene	460-00-4	175	60.0-140		97.5				<a href="#">WG2252552</a>

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
Acetone	67-64-1	58.10	1.95	4.63	13.3	31.6		1	WG2252552
Allyl chloride	107-05-1	76.53	0.380	1.19	ND	ND		1	WG2252552
Benzene	71-43-2	78.10	0.238	0.760	0.582	1.86		1	WG2252552
Benzyl Chloride	100-44-7	127	0.199	1.03	ND	ND		1	WG2252552
Bromodichloromethane	75-27-4	164	0.234	1.57	ND	ND		1	WG2252552
Bromoform	75-25-2	253	0.244	2.52	ND	ND		1	WG2252552
Bromomethane	74-83-9	94.90	0.327	1.27	ND	ND		1	WG2252552
1,3-Butadiene	106-99-0	54.10	0.347	0.768	ND	ND		1	WG2252552
Carbon disulfide	75-15-0	76.10	0.340	1.06	ND	ND		1	WG2252552
Carbon tetrachloride	56-23-5	154	0.244	1.54	ND	ND		1	WG2252552
Chlorobenzene	108-90-7	113	0.277	1.28	ND	ND		1	WG2252552
Chloroethane	75-00-3	64.50	0.332	0.876	ND	ND		1	WG2252552
Chloroform	67-66-3	119	0.239	1.16	ND	ND		1	WG2252552
Chloromethane	74-87-3	50.50	0.343	0.708	0.709	1.46		1	WG2252552
2-Chlorotoluene	95-49-8	126	0.276	1.42	ND	ND		1	WG2252552
Cyclohexane	110-82-7	84.20	0.251	0.864	ND	ND		1	WG2252552
Dibromochloromethane	124-48-1	208	0.242	2.06	ND	ND		1	WG2252552
1,2-Dibromoethane	106-93-4	188	0.240	1.85	ND	ND		1	WG2252552
1,2-Dichlorobenzene	95-50-1	147	0.427	2.57	ND	ND		1	WG2252552
1,3-Dichlorobenzene	541-73-1	147	0.607	3.65	ND	ND		1	WG2252552
1,4-Dichlorobenzene	106-46-7	147	0.186	1.12	ND	ND		1	WG2252552
1,2-Dichloroethane	107-06-2	99	0.233	0.943	ND	ND		1	WG2252552
1,1-Dichloroethane	75-34-3	98	0.241	0.966	ND	ND		1	WG2252552
1,1-Dichloroethene	75-35-4	96.90	0.254	1.01	ND	ND		1	WG2252552
cis-1,2-Dichloroethene	156-59-2	96.90	0.261	1.03	ND	ND		1	WG2252552
trans-1,2-Dichloroethene	156-60-5	96.90	0.224	0.888	ND	ND		1	WG2252552
1,2-Dichloropropane	78-87-5	113	0.253	1.17	ND	ND		1	WG2252552
cis-1,3-Dichloropropene	10061-01-5	111	0.230	1.04	ND	ND		1	WG2252552
trans-1,3-Dichloropropene	10061-02-6	111	0.243	1.10	ND	ND		1	WG2252552
1,4-Dioxane	123-91-1	88.10	0.278	1.00	ND	ND		1	WG2252552
Ethanol	64-17-5	46.10	0.883	1.66	17.6	33.2		1	WG2252552
Ethylbenzene	100-41-4	106	0.278	1.21	0.692	3.00		1	WG2252552
4-Ethyltoluene	622-96-8	120	0.261	1.28	ND	ND		1	WG2252552
Trichlorofluoromethane	75-69-4	137.40	0.273	1.53	ND	ND		1	WG2252552
Dichlorodifluoromethane	75-71-8	120.92	0.457	2.26	0.594	2.94		1	WG2252552
1,1,2-Trichlorotrifluoroethane	76-13-1	187.40	0.264	2.02	ND	ND		1	WG2252552
1,2-Dichlorotetrafluoroethane	76-14-2	171	0.297	2.08	ND	ND		1	WG2252552
Heptane	142-82-5	100	0.347	1.42	ND	ND		1	WG2252552
Hexachloro-1,3-butadiene	87-68-3	261	0.350	3.74	ND	ND		1	WG2252552
n-Hexane	110-54-3	86.20	0.687	2.42	5.78	20.4		1	WG2252552
Isopropylbenzene	98-82-8	120.20	0.259	1.27	ND	ND		1	WG2252552
Methylene Chloride	75-09-2	84.90	0.326	1.13	ND	ND		1	WG2252552
Methyl Butyl Ketone	591-78-6	100	0.443	1.81	ND	ND		1	WG2252552
2-Butanone (MEK)	78-93-3	72.10	0.271	0.799	2.64	7.79		1	WG2252552
4-Methyl-2-pentanone (MIBK)	108-10-1	100.10	0.255	1.04	ND	ND		1	WG2252552
Methyl methacrylate	80-62-6	100.12	0.292	1.20	ND	ND		1	WG2252552
MTBE	1634-04-4	88.10	0.216	0.778	ND	ND		1	WG2252552
Naphthalene	91-20-3	128	1.17	6.13	ND	ND		1	WG2252552
2-Propanol	67-63-0	60.10	0.880	2.16	1.24	3.05	B	1	WG2252552
Propene	115-07-1	42.10	0.311	0.536	ND	ND		1	WG2252552
Styrene	100-42-5	104	0.263	1.12	0.292	1.24		1	WG2252552
1,1,2,2-Tetrachloroethane	79-34-5	168	0.248	1.70	ND	ND		1	WG2252552
Tetrachloroethylene	127-18-4	166	0.271	1.84	ND	ND		1	WG2252552
Tetrahydrofuran	109-99-9	72.10	0.245	0.722	1.03	3.04		1	WG2252552
Toluene	108-88-3	92.10	0.290	1.09	52.6	198		1	WG2252552
1,2,4-Trichlorobenzene	120-82-1	181	0.493	3.65	ND	ND		1	WG2252552

1 Cp  
2 Tc  
3 Ss  
4 Cn  
5 Sr  
6 Qc  
7 Gl  
8 Al  
9 Sc

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
1,1,1-Trichloroethane	71-55-6	133	0.245	1.33	ND	ND		1	<a href="#">WG2252552</a>
1,1,2-Trichloroethane	79-00-5	133	0.258	1.40	ND	ND		1	<a href="#">WG2252552</a>
Trichloroethylene	79-01-6	131	0.227	1.22	ND	ND		1	<a href="#">WG2252552</a>
1,2,4-Trimethylbenzene	95-63-6	120	0.255	1.25	0.646	3.17		1	<a href="#">WG2252552</a>
1,3,5-Trimethylbenzene	108-67-8	120	0.260	1.28	0.316	1.55		1	<a href="#">WG2252552</a>
2,2,4-Trimethylpentane	540-84-1	114.22	0.443	2.07	ND	ND		1	<a href="#">WG2252552</a>
Vinyl chloride	75-01-4	62.50	0.316	0.808	ND	ND		1	<a href="#">WG2252552</a>
Vinyl Bromide	593-60-2	106.95	0.284	1.24	ND	ND		1	<a href="#">WG2252552</a>
Vinyl acetate	108-05-4	86.10	0.387	1.36	ND	ND		1	<a href="#">WG2252552</a>
Xylenes, Total	1330-20-7	106.16	0.450	1.95	3.38	14.7		1	<a href="#">WG2252552</a>
m&p-Xylene	179601-23-1	106	0.450	1.95	2.49	10.8		1	<a href="#">WG2252552</a>
o-Xylene	95-47-6	106	0.276	1.20	0.887	3.85		1	<a href="#">WG2252552</a>
(S) 1,4-Bromofluorobenzene	460-00-4	175	60.0-140		97.5				<a href="#">WG2252552</a>

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

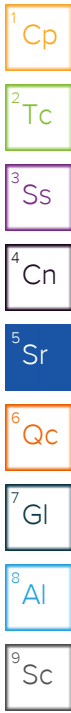
7 Gl

8 Al

9 Sc

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
Acetone	67-64-1	58.10	1.95	4.63	14.2	33.7		1	WG2252552
Allyl chloride	107-05-1	76.53	0.380	1.19	ND	ND		1	WG2252552
Benzene	71-43-2	78.10	0.238	0.760	0.269	0.859		1	WG2252552
Benzyl Chloride	100-44-7	127	0.199	1.03	ND	ND		1	WG2252552
Bromodichloromethane	75-27-4	164	0.234	1.57	ND	ND		1	WG2252552
Bromoform	75-25-2	253	0.244	2.52	ND	ND		1	WG2252552
Bromomethane	74-83-9	94.90	0.327	1.27	ND	ND		1	WG2252552
1,3-Butadiene	106-99-0	54.10	0.347	0.768	ND	ND		1	WG2252552
Carbon disulfide	75-15-0	76.10	0.340	1.06	ND	ND		1	WG2252552
Carbon tetrachloride	56-23-5	154	0.244	1.54	ND	ND		1	WG2252552
Chlorobenzene	108-90-7	113	0.277	1.28	ND	ND		1	WG2252552
Chloroethane	75-00-3	64.50	0.332	0.876	ND	ND		1	WG2252552
Chloroform	67-66-3	119	0.239	1.16	ND	ND		1	WG2252552
Chloromethane	74-87-3	50.50	0.343	0.708	0.701	1.45		1	WG2252552
2-Chlorotoluene	95-49-8	126	0.276	1.42	ND	ND		1	WG2252552
Cyclohexane	110-82-7	84.20	0.251	0.864	ND	ND		1	WG2252552
Dibromochloromethane	124-48-1	208	0.242	2.06	ND	ND		1	WG2252552
1,2-Dibromoethane	106-93-4	188	0.240	1.85	ND	ND		1	WG2252552
1,2-Dichlorobenzene	95-50-1	147	0.427	2.57	ND	ND		1	WG2252552
1,3-Dichlorobenzene	541-73-1	147	0.607	3.65	ND	ND		1	WG2252552
1,4-Dichlorobenzene	106-46-7	147	0.186	1.12	ND	ND		1	WG2252552
1,2-Dichloroethane	107-06-2	99	0.233	0.943	ND	ND		1	WG2252552
1,1-Dichloroethane	75-34-3	98	0.241	0.966	ND	ND		1	WG2252552
1,1-Dichloroethene	75-35-4	96.90	0.254	1.01	ND	ND		1	WG2252552
cis-1,2-Dichloroethene	156-59-2	96.90	0.261	1.03	ND	ND		1	WG2252552
trans-1,2-Dichloroethene	156-60-5	96.90	0.224	0.888	ND	ND		1	WG2252552
1,2-Dichloropropane	78-87-5	113	0.253	1.17	ND	ND		1	WG2252552
cis-1,3-Dichloropropene	10061-01-5	111	0.230	1.04	ND	ND		1	WG2252552
trans-1,3-Dichloropropene	10061-02-6	111	0.243	1.10	ND	ND		1	WG2252552
1,4-Dioxane	123-91-1	88.10	0.278	1.00	ND	ND		1	WG2252552
Ethanol	64-17-5	46.10	0.883	1.66	8.05	15.2		1	WG2252552
Ethylbenzene	100-41-4	106	0.278	1.21	0.891	3.86		1	WG2252552
4-Ethyltoluene	622-96-8	120	0.261	1.28	ND	ND		1	WG2252552
Trichlorofluoromethane	75-69-4	137.40	0.273	1.53	ND	ND		1	WG2252552
Dichlorodifluoromethane	75-71-8	120.92	0.457	2.26	0.578	2.86		1	WG2252552
1,1,2-Trichlorotrifluoroethane	76-13-1	187.40	0.264	2.02	ND	ND		1	WG2252552
1,2-Dichlorotetrafluoroethane	76-14-2	171	0.297	2.08	ND	ND		1	WG2252552
Heptane	142-82-5	100	0.347	1.42	0.505	2.07		1	WG2252552
Hexachloro-1,3-butadiene	87-68-3	261	0.350	3.74	ND	ND		1	WG2252552
n-Hexane	110-54-3	86.20	0.687	2.42	2.55	8.99		1	WG2252552
Isopropylbenzene	98-82-8	120.20	0.259	1.27	ND	ND		1	WG2252552
Methylene Chloride	75-09-2	84.90	0.326	1.13	ND	ND		1	WG2252552
Methyl Butyl Ketone	591-78-6	100	0.443	1.81	ND	ND		1	WG2252552
2-Butanone (MEK)	78-93-3	72.10	0.271	0.799	ND	ND		1	WG2252552
4-Methyl-2-pentanone (MIBK)	108-10-1	100.10	0.255	1.04	ND	ND		1	WG2252552
Methyl methacrylate	80-62-6	100.12	0.292	1.20	ND	ND		1	WG2252552
MTBE	1634-04-4	88.10	0.216	0.778	ND	ND		1	WG2252552
Naphthalene	91-20-3	128	1.17	6.13	ND	ND		1	WG2252552
2-Propanol	67-63-0	60.10	0.880	2.16	1.19	2.93	B	1	WG2252552
Propene	115-07-1	42.10	0.311	0.536	ND	ND		1	WG2252552
Styrene	100-42-5	104	0.263	1.12	0.412	1.75		1	WG2252552
1,1,2,2-Tetrachloroethane	79-34-5	168	0.248	1.70	ND	ND		1	WG2252552
Tetrachloroethylene	127-18-4	166	0.271	1.84	ND	ND		1	WG2252552
Tetrahydrofuran	109-99-9	72.10	0.245	0.722	0.420	1.24		1	WG2252552
Toluene	108-88-3	92.10	0.290	1.09	20.5	77.2		1	WG2252552
1,2,4-Trichlorobenzene	120-82-1	181	0.493	3.65	ND	ND		1	WG2252552



Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
1,1,1-Trichloroethane	71-55-6	133	0.245	1.33	ND	ND		1	<a href="#">WG2252552</a>
1,1,2-Trichloroethane	79-00-5	133	0.258	1.40	ND	ND		1	<a href="#">WG2252552</a>
Trichloroethylene	79-01-6	131	0.227	1.22	ND	ND		1	<a href="#">WG2252552</a>
1,2,4-Trimethylbenzene	95-63-6	120	0.255	1.25	0.389	1.91		1	<a href="#">WG2252552</a>
1,3,5-Trimethylbenzene	108-67-8	120	0.260	1.28	ND	ND		1	<a href="#">WG2252552</a>
2,2,4-Trimethylpentane	540-84-1	114.22	0.443	2.07	ND	ND		1	<a href="#">WG2252552</a>
Vinyl chloride	75-01-4	62.50	0.316	0.808	ND	ND		1	<a href="#">WG2252552</a>
Vinyl Bromide	593-60-2	106.95	0.284	1.24	ND	ND		1	<a href="#">WG2252552</a>
Vinyl acetate	108-05-4	86.10	0.387	1.36	ND	ND		1	<a href="#">WG2252552</a>
Xylenes, Total	1330-20-7	106.16	0.450	1.95	4.43	19.2		1	<a href="#">WG2252552</a>
m&p-Xylene	179601-23-1	106	0.450	1.95	3.37	14.6		1	<a href="#">WG2252552</a>
o-Xylene	95-47-6	106	0.276	1.20	1.06	4.60		1	<a href="#">WG2252552</a>
(S) 1,4-Bromofluorobenzene	460-00-4	175	60.0-140		99.9				<a href="#">WG2252552</a>

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Method Blank (MB)

(MB) R4049940-2 03/23/24 07:55

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	ppbv		ppbv	ppbv
Acetone	U		0.584	1.95
Allyl chloride	U		0.114	0.380
Benzene	U		0.0715	0.238
Benzyl Chloride	U		0.0598	0.199
Bromodichloromethane	U		0.0702	0.234
Bromoform	U		0.0732	0.244
Bromomethane	U		0.0982	0.327
1,3-Butadiene	U		0.104	0.347
Carbon disulfide	U		0.102	0.340
Carbon tetrachloride	U		0.0732	0.244
Chlorobenzene	U		0.0832	0.277
Chloroethane	U		0.0996	0.332
Chloroform	U		0.0717	0.239
Chloromethane	U		0.103	0.343
2-Chlorotoluene	U		0.0828	0.276
Cyclohexane	U		0.0753	0.251
Dibromochloromethane	U		0.0727	0.242
1,2-Dibromoethane	U		0.0721	0.240
1,2-Dichlorobenzene	U		0.128	0.427
1,3-Dichlorobenzene	U		0.182	0.607
1,4-Dichlorobenzene	U		0.0557	0.186
1,2-Dichloroethane	U		0.0700	0.233
1,1-Dichloroethane	U		0.0723	0.241
1,1-Dichloroethene	U		0.0762	0.254
cis-1,2-Dichloroethene	U		0.0784	0.261
trans-1,2-Dichloroethene	U		0.0673	0.224
1,2-Dichloropropane	U		0.0760	0.253
cis-1,3-Dichloropropene	U		0.0689	0.230
trans-1,3-Dichloropropene	U		0.0728	0.243
1,4-Dioxane	U		0.0833	0.278
Ethanol	0.622	U	0.265	0.883
Ethylbenzene	U		0.0835	0.278
4-Ethyltoluene	U		0.0783	0.261
Trichlorofluoromethane	U		0.0819	0.273
Dichlorodifluoromethane	U		0.137	0.457
1,1,2-Trichlorotrifluoroethane	U		0.0793	0.264
1,2-Dichlorotetrafluoroethane	U		0.0890	0.297
Heptane	U		0.104	0.347
Hexachloro-1,3-butadiene	U		0.105	0.350
n-Hexane	U		0.206	0.687

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Method Blank (MB)

(MB) R4049940-2 03/23/24 07:55

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	ppbv		ppbv	ppbv
Isopropylbenzene	U		0.0777	0.259
Methylene Chloride	U		0.0979	0.326
Methyl Butyl Ketone	U		0.133	0.443
2-Butanone (MEK)	U		0.0814	0.271
4-Methyl-2-pentanone (MIBK)	U		0.0765	0.255
Methyl methacrylate	U		0.0876	0.292
MTBE	U		0.0647	0.216
Naphthalene	U		0.350	1.17
2-Propanol	0.588	U	0.264	0.880
Propene	U		0.0932	0.311
Styrene	U		0.0788	0.263
1,1,2,2-Tetrachloroethane	U		0.0743	0.248
Tetrachloroethylene	U		0.0814	0.271
Tetrahydrofuran	U		0.0734	0.245
Toluene	U		0.0870	0.290
1,2,4-Trichlorobenzene	U		0.148	0.493
1,1,1-Trichloroethane	U		0.0736	0.245
1,1,2-Trichloroethane	U		0.0775	0.258
Trichloroethylene	U		0.0680	0.227
1,2,4-Trimethylbenzene	U		0.0764	0.255
1,3,5-Trimethylbenzene	U		0.0779	0.260
2,2,4-Trimethylpentane	U		0.133	0.443
Vinyl chloride	U		0.0949	0.316
Vinyl Bromide	U		0.0852	0.284
Vinyl acetate	U		0.116	0.387
Xylenes, Total	U		0.135	0.450
m&p-Xylene	U		0.135	0.450
o-Xylene	U		0.0828	0.276
(S) 1,4-Bromofluorobenzene	95.7			60.0-140

1 Cp  
2 Tc  
3 Ss  
4 Cn  
5 Sr  
6 Qc  
7 Gl  
8 Al  
9 Sc

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4049940-1 03/23/24 07:27 • (LCSD) R4049940-3 03/23/24 09:00

Analyte	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
	ppbv	ppbv	ppbv	%	%	%			%	%
Acetone	3.75	4.36	4.70	116	125	70.0-130			7.51	25
Allyl chloride	3.75	4.18	4.17	111	111	70.0-130			0.240	25
Benzene	3.75	4.26	4.08	114	109	70.0-130			4.32	25
Benzyl Chloride	3.75	3.99	3.92	106	105	70.0-152			1.77	25

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4049940-1 03/23/24 07:27 • (LCSD) R4049940-3 03/23/24 09:00

Analyte	Spike Amount ppbv	LCS Result ppbv	LCSD Result ppbv	LCS Rec. %	LCSD Rec. %	Rec. Limits %	<u>LCS Qualifier</u>	<u>LCSD Qualifier</u>	RPD %	RPD Limits %
Bromodichloromethane	3.75	4.25	4.28	113	114	70.0-130			0.703	25
Bromoform	3.75	4.09	4.12	109	110	70.0-130			0.731	25
Bromomethane	3.75	4.15	4.26	111	114	70.0-130			2.62	25
1,3-Butadiene	3.75	4.49	4.26	120	114	70.0-130			5.26	25
Carbon disulfide	3.75	4.38	4.31	117	115	70.0-130			1.61	25
Carbon tetrachloride	3.75	4.25	4.28	113	114	70.0-130			0.703	25
Chlorobenzene	3.75	4.14	4.19	110	112	70.0-130			1.20	25
Chloroethane	3.75	4.33	4.23	115	113	70.0-130			2.34	25
Chloroform	3.75	4.13	4.05	110	108	70.0-130			1.96	25
Chloromethane	3.75	4.25	4.04	113	108	70.0-130			5.07	25
2-Chlorotoluene	3.75	4.09	4.24	109	113	70.0-130			3.60	25
Cyclohexane	3.75	4.13	4.10	110	109	70.0-130			0.729	25
Dibromochloromethane	3.75	4.18	4.14	111	110	70.0-130			0.962	25
1,2-Dibromoethane	3.75	4.27	4.16	114	111	70.0-130			2.61	25
1,2-Dichlorobenzene	3.75	4.12	4.22	110	113	70.0-130			2.40	25
1,3-Dichlorobenzene	3.75	4.15	4.11	111	110	70.0-130			0.969	25
1,4-Dichlorobenzene	3.75	4.08	4.11	109	110	70.0-130			0.733	25
1,2-Dichloroethane	3.75	4.26	4.10	114	109	70.0-130			3.83	25
1,1-Dichloroethane	3.75	4.19	4.09	112	109	70.0-130			2.42	25
1,1-Dichloroethene	3.75	4.22	4.11	113	110	70.0-130			2.64	25
cis-1,2-Dichloroethene	3.75	4.16	4.16	111	111	70.0-130			0.000	25
trans-1,2-Dichloroethene	3.75	4.21	4.29	112	114	70.0-130			1.88	25
1,2-Dichloropropane	3.75	4.09	3.94	109	105	70.0-130			3.74	25
cis-1,3-Dichloropropene	3.75	4.52	4.30	121	115	70.0-130			4.99	25
trans-1,3-Dichloropropene	3.75	4.13	4.04	110	108	70.0-130			2.20	25
1,4-Dioxane	3.75	4.44	4.23	118	113	70.0-140			4.84	25
Ethanol	3.75	4.04	4.27	108	114	55.0-148			5.54	25
Ethylbenzene	3.75	4.15	4.24	111	113	70.0-130			2.15	25
4-Ethyltoluene	3.75	4.26	4.20	114	112	70.0-130			1.42	25
Trichlorofluoromethane	3.75	4.20	4.25	112	113	70.0-130			1.18	25
Dichlorodifluoromethane	3.75	4.25	4.36	113	116	64.0-139			2.56	25
1,1,2-Trichlorotrifluoroethane	3.75	4.18	4.15	111	111	70.0-130			0.720	25
1,2-Dichlorotetrafluoroethane	3.75	4.41	4.42	118	118	70.0-130			0.227	25
Heptane	3.75	4.14	4.06	110	108	70.0-130			1.95	25
Hexachloro-1,3-butadiene	3.75	3.91	4.20	104	112	70.0-151			7.15	25
n-Hexane	3.75	4.11	4.38	110	117	70.0-130			6.36	25
Isopropylbenzene	3.75	4.10	4.22	109	113	70.0-130			2.88	25
Methylene Chloride	3.75	3.89	4.15	104	111	70.0-130			6.47	25
Methyl Butyl Ketone	3.75	4.35	4.30	116	115	70.0-149			1.16	25
2-Butanone (MEK)	3.75	3.93	3.94	105	105	70.0-130			0.254	25

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4049940-1 03/23/24 07:27 • (LCSD) R4049940-3 03/23/24 09:00

Analyte	Spike Amount ppbv	LCS Result ppbv	LCSD Result ppbv	LCS Rec. %	LCSD Rec. %	Rec. Limits %	<u>LCS Qualifier</u>	<u>LCSD Qualifier</u>	RPD %	RPD Limits %
4-Methyl-2-pentanone (MIBK)	3.75	4.21	4.36	112	116	70.0-139			3.50	25
Methyl methacrylate	3.75	4.14	4.15	110	111	70.0-130			0.241	25
MTBE	3.75	3.99	3.99	106	106	70.0-130			0.000	25
Naphthalene	3.75	4.11	4.28	110	114	70.0-159			4.05	25
2-Propanol	3.75	4.33	4.17	115	111	70.0-139			3.76	25
Propene	3.75	3.93	3.52	105	93.9	64.0-144			11.0	25
Styrene	3.75	4.06	4.20	108	112	70.0-130			3.39	25
1,1,2,2-Tetrachloroethane	3.75	3.89	4.13	104	110	70.0-130			5.99	25
Tetrachloroethylene	3.75	4.01	4.00	107	107	70.0-130			0.250	25
Tetrahydrofuran	3.75	4.14	4.09	110	109	70.0-137			1.22	25
Toluene	3.75	4.12	4.18	110	111	70.0-130			1.45	25
1,2,4-Trichlorobenzene	3.75	3.83	4.00	102	107	70.0-160			4.34	25
1,1,1-Trichloroethane	3.75	4.07	4.16	109	111	70.0-130			2.19	25
1,1,2-Trichloroethane	3.75	4.23	4.20	113	112	70.0-130			0.712	25
Trichloroethylene	3.75	4.25	4.19	113	112	70.0-130			1.42	25
1,2,4-Trimethylbenzene	3.75	4.25	4.31	113	115	70.0-130			1.40	25
1,3,5-Trimethylbenzene	3.75	4.11	4.17	110	111	70.0-130			1.45	25
2,2,4-Trimethylpentane	3.75	3.76	3.62	100	96.5	70.0-130			3.79	25
Vinyl chloride	3.75	4.21	4.17	112	111	70.0-130			0.955	25
Vinyl Bromide	3.75	4.44	4.55	118	121	70.0-130			2.45	25
Vinyl acetate	3.75	3.82	3.73	102	99.5	70.0-130			2.38	25
Xylenes, Total	11.3	12.7	12.7	112	112	70.0-130			0.000	25
m&p-Xylene	7.50	8.45	8.47	113	113	70.0-130			0.236	25
o-Xylene	3.75	4.21	4.25	112	113	70.0-130			0.946	25
(S) 1,4-Bromofluorobenzene				101	100	60.0-140				

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Method Blank (MB)

(MB) R4051109-2 03/28/24 09:48

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	ppbv		ppbv	ppbv
Cyclohexane	U		0.0753	0.251
2-Butanone (MEK)	U		0.0814	0.271
<i>(S) 1,4-Bromofluorobenzene</i>	94.4			60.0-140

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4051109-1 03/28/24 09:17 • (LCSD) R4051109-3 03/28/24 11:25

Analyte	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
	ppbv	ppbv	ppbv	%	%	%			%	%
Cyclohexane	3.75	3.35	3.30	89.3	88.0	70.0-130			1.50	25
2-Butanone (MEK)	3.75	3.92	4.03	105	107	70.0-130			2.77	25
<i>(S) 1,4-Bromofluorobenzene</i>				104	103	60.0-140				

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Method Blank (MB)

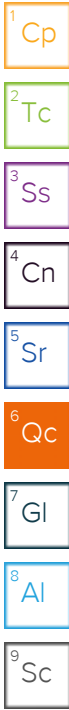
(MB) R4051187-3 03/28/24 11:39

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	ppbv		ppbv	ppbv
2-Butanone (MEK)	U		0.0814	0.271
(S) 1,4-Bromofluorobenzene	100			60.0-140

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4051187-1 03/28/24 08:56 • (LCSD) R4051187-2 03/28/24 11:12

Analyte	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
	ppbv	ppbv	ppbv	%	%	%			%	%
2-Butanone (MEK)	3.75	3.46	3.35	92.3	89.3	70.0-130			3.23	25
(S) 1,4-Bromofluorobenzene				99.8	100	60.0-140				



# GLOSSARY OF TERMS

## Guide to Reading and Understanding Your Laboratory Report

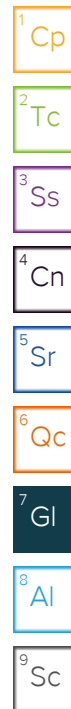
The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

### Abbreviations and Definitions

MDL	Method Detection Limit.
ND	Not detected at the Reporting Limit (or MDL where applicable).
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state "ND" (Not Detected) or "BDL" (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
B	The same analyte is found in the associated blank.
E	The analyte concentration exceeds the upper limit of the calibration range of the instrument established by the initial calibration (ICAL).
J	The identification of the analyte is acceptable; the reported value is an estimate.



# ACCREDITATIONS & LOCATIONS

## Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey-NELAP	TN002
California	2932	New Mexico <sup>1</sup>	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina <sup>1</sup>	DW21704
Georgia	NELAP	North Carolina <sup>3</sup>	41
Georgia <sup>1</sup>	923	North Dakota	R-140
Idaho	TN00003	Ohio-VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LA000356
Kentucky <sup>1,6</sup>	KY90010	South Carolina	84004002
Kentucky <sup>2</sup>	16	South Dakota	n/a
Louisiana	AI30792	Tennessee <sup>1,4</sup>	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas <sup>5</sup>	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 <sup>5</sup>	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA-Crypto	TN00003		

<sup>1</sup> Drinking Water <sup>2</sup> Underground Storage Tanks <sup>3</sup> Aquatic Toxicity <sup>4</sup> Chemical/Microbiological <sup>5</sup> Mold <sup>6</sup> Wastewater n/a Accreditation not applicable

\* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

\* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

<sup>1</sup> Cp

<sup>2</sup> Tc

<sup>3</sup> Ss

<sup>4</sup> Cn

<sup>5</sup> Sr

<sup>6</sup> Qc

<sup>7</sup> Gl

<sup>8</sup> Al

<sup>9</sup> Sc



4003

**Pace** Pace\* Location Requested (City/State): **Air CHAIN-OF-CUSTODY Analytical Request Document**  
Chain of Custody is a LEGAL DOCUMENT - Complete all relevant fields

Company Name: **Kapur Inc - Milwaukee, WI**  
 Street Address: **7711 N. Port Washington Road Milwaukee, WI 53217**  
 City, State Zip: \_\_\_\_\_  
 Customer Project #: \_\_\_\_\_  
 Project Name: **Fox Run**  
 Site Collection Info/Facility ID (as applicable): **KAPURMWI-FOX RUN**  
 Time Zone Collected: ( ) AK ( ) PT ( ) MT (X) CT ( ) ET  
 Contact/Report To: **Travis Peterson**  
 Phone #: **414-254-6358**  
 E-Mail: **tpeterson@kapurinc.com; robert3bach@gmail.com**  
 Cc E-Mail: \_\_\_\_\_  
 Invoice to: \_\_\_\_\_  
 Invoice E-Mail: \_\_\_\_\_  
 Purchase Order # (if applicable): \_\_\_\_\_  
 Quote #: \_\_\_\_\_  
 State origin of sample(s): \_\_\_\_\_

LAB USE ONLY - Affix Workorder/Login Label Here

Sample Receipt Checklist  
 DCC Item Present/Intact:  Y  N Air: \_\_\_\_\_  
 DCC Signed/Accurate:  Y  N Size: 11 SL: 8  
 Bottles arrive intact:  Y  N Tape Color: 0 # 1 # 8  
 Correct Bottles used:  Y  N Tubing: \_\_\_\_\_ Shunt: \_\_\_\_\_

T/F #: \_\_\_\_\_

Data Deliverables:  
 ( ) Level II ( ) Level III ( ) Level IV  
 ( ) EQUIS  
 ( ) Other: \_\_\_\_\_

Regulatory Program (CAA, RCRA, etc.) as applicable:  
 Rush (Pre-approval required): 2 Day 3 day 5 day Other: \_\_\_\_\_  
 Date Results Requested: \_\_\_\_\_

Permit # as applicable: \_\_\_\_\_  
 Units for Reporting:  ug/m<sup>3</sup>  PPBV  mg/m<sup>3</sup>  PPMV

\* Matrix Codes (insert in Matrix box below): Ambient (A), Indoor (I), Soil Vapor (SV), Other (O)

Field Information

Analyses Requested: \_\_\_\_\_

Proj Manager: **4089 - Andri R Jones**  
 AcctNum / Client ID: **KAPURMWI**  
 Table #: \_\_\_\_\_  
 Profile / Template: **T247227**  
 Prelog / Bottle Ord. ID: **P1062954**

Customer Sample ID	Matrix *	Summa Canister ID	Flow Controller ID	Begin Collection		End Collection		Start Pressure / Vacuum (in Hg)	End Pressure / Vacuum (in Hg)	Duration (minutes)	Flow Rate (m <sup>3</sup> /min or L/min)	Total Volume Sampled (m <sup>3</sup> or L)	TO-15 Summa
				Date	Time	Date	Time						
Bldg D12 (126)	I	21188	9860	3/22/24	11:11	3/22/24	10:49	28	6	24 Hr	1.4	X	
Bldg D13 (146)		10829	21229		11:29 am		10:52	30	7				
Bldg D14 (132)		14098	9471		11:48		10:54	28	4				
Bldg D11 (154)		8148	10182		11:08		10:47	27	0				
Bldg D8 (181)		20806	29307		11:07		10:45	29	5				
Bldg 2 (W49W6335)		011081	01685		10:54		10:37	30	9				
Bldg 5A (W63N476)		28032	01354		11:01		10:42	30	4				
Bldg 5B (W63N480)	V	8251	009515				10:41	27	4				

Canister	PUF / FILTER	TO-15 Summa
Pressure / Vacuum	Flow Rate	Total Volume
Start Pressure / Vacuum (in Hg)	End Pressure / Vacuum (in Hg)	Duration (minutes)
28	6	24 Hr
30	7	
28	4	
27	0	
29	5	
30	9	
30	4	
27	4	

Customer Remarks / Special Conditions / Possible Hazards: \_\_\_\_\_

Collected by: **Chris Lechtenborg**  
 Printed Name: \_\_\_\_\_  
 Signature: \_\_\_\_\_

Additional Instructions from Pace\*: \_\_\_\_\_

# Coolers: \_\_\_\_\_ Thermometer ID: \_\_\_\_\_ Correction Factor (°C): \_\_\_\_\_ Obs. Temp. (°C): \_\_\_\_\_ Corrected Temp. (°C): \_\_\_\_\_

Relinquished by/Company (Signature): \_\_\_\_\_ Date/Time: **3/22/24 12:50**  
 Received by/Company (Signature): **Rustin Dym**  
 Date/Time: **3/21/24 0900**

Relinquished by/Company (Signature): \_\_\_\_\_ Date/Time: \_\_\_\_\_  
 Received by/Company (Signature): \_\_\_\_\_ Date/Time: \_\_\_\_\_

Relinquished by/Company (Signature): \_\_\_\_\_ Date/Time: \_\_\_\_\_  
 Received by/Company (Signature): \_\_\_\_\_ Date/Time: \_\_\_\_\_

Tracking Number: \_\_\_\_\_  
 Delivered by: In-Person Cooler  
 FedEX UPS Other



Date	2024-02-27	2024-02-28	2024-02-29	2024-03-12	2024-03-13	2024-03-19	2024-03-20	2024-03-21	2024-03-25	2024-03-26
<b>Sample ID (Location)</b>	<b>Units in " WC (read as a negative value)</b>									
VP-40 (Bldg D)	0.0023	0.0030	0.0006	0.0182	0.0062	0.0065	0.0061	0.0060	0.0043	0.0047
VP-41 (Bldg D)	0.0011	0.0020	0.0018	NA	0.0023	0.0420	0.0047	0.0045	0.0046	0.0074
VP-42 (Bldg D)	NA*	NA*	NA*	NA*	NA*	0.0065	0.0105	0.0440	0.0041	0.0041
VP-43 (Bldg D)	0.0014	0.0168	0.0172	0.0416	0.0040	0.0438	0.0402	0.0397	0.0426	0.0540
VP-44 (Bldg D)	0.0066	0.0067	0.0062	0.0100	0.0054	0.0186	0.0096	0.0092	0.0103	0.0102
VP-45 (Bldg D)	0.0517	0.0515	0.0515	0.0555	0.0042	0.0060	0.0525	0.0520	0.0542	0.0572
VP-46 (Bldg D)	0.0100	0.0044	0.0071	NA*	0.0046	0.0173	0.0078	0.0085	0.0090	0.0075
VP-47 (Bldg D)	0.0033	0.0094	0.0031	NA*	NA*	0.0080	0.0051	0.0045	0.0049	0.0054
VP-48 (Bldg E)	0.0033	0.0036	0.0032	0.0043	0.0038	0.0087	0.0046	NFT	NFT	NFT
VP-49 (Bldg E)	0.0027	0.0100	0.0047	0.0041	0.0054	0.0042	NFT	NFT	NFT	NFT
VP-50 (Bldg E)	0.0078	0.0150	0.0075	0.0106	0.0099	0.0071	NFT	NFT	NFT	NFT
VP-51 (Bldg E)	0.1420	0.0300	0.0210	0.0280	0.0206	0.0190	NFT	NFT	NFT	NFT
VP-52 (Bldg E)	0.0053	0.0280	0.0224	0.0230	0.0206	0.0214	NFT	NFT	NFT	NFT
VP-53 (Bldg E)	0.0057	0.0080	0.0021	0.0041	0.0037	0.0041	NFT	NFT	NFT	NFT
VP-55 (Bldg 3)	0.0820	0.0900	0.6750	0.0957	NFT	NFT	NFT	NFT	NFT	NFT
VP-59 (Bldg 5)	0.1535	0.0100	0.0063	0.0056	0.0093	0.0050	0.0074	0.0069	0.0042	0.1087

NOTES:

Readings were collected using a digital manometer and results are in inches of water (results are negative)

NA = Not Analyzed

NFT = No further testing planned

\*: Location not accessible due to construction material stockpile

\*\* : Results greater than 2.5 are considered as spurious readings >0.004 for this evaluation



Fox Run - Cedarburg, WI  
Passive System Pressure Field Measurements  
(Buildings 1, 4, 6, 7, 8, 9, 10)

Date	2024-02-27	2024-02-28	2024-02-29	2024-03-12	2024-03-13	2024-03-19	2024-03-20	2024-03-21	2024-03-25	2024-03-26
<b>Sample ID (Location)</b>	<b>Units in " WC (read as a negative value)</b>									
VP-54 (Bldg 1)	0.0093	0.0200	0.0053	0.0246	NFT	NFT	NFT	NFT	NFT	NFT
VP-56 (Bldg 4)	0.0060	0.0173	0.0048	0.0073	0.0071	NFT	NFT	NFT	NFT	NFT
VP-60 (Bldg 6)	0.0139	0.0103	0.0131	0.0122	0.0072	0.0052	0.0106	0.0058	0.0043	0.1425
VP-61 (Bldg 7)	0.0030	0.0095	0.0051	0.0157	0.0051	0.0057	0.0069	0.0106	0.0075	0.0149
VP-62 (Bldg 7)	0.0075	0.0320	0.0122	0.0130	0.0096	0.0181	0.0071	0.0082	0.0056	0.0308
VP-63 (Bldg 8)	0.0020	0.0102	0.0028	0.0047	0.0052	0.0051	0.0068	0.0051	0.0048	0.0049
VP-64 (Bldg 9)	0.0031	0.0180	2.771**	0.0060	1.5500	0.8550	0.0928	0.3500	4.7300	2.9970
VP-65 (Bldg 10)	2.5**	0.0420	0.1850	0.0334	0.0258	0.0541	0.0370	0.1210	0.0932	0.1950

NOTES:

Readings were collected using a digital manometer and results are in inches of water (results are negative)

NA = Not Analyzed

NFT = No further testing planned

\*: Location not accessible due to construction material stockpile

\*\* : Results greater than 2.5 are considered as spurious readings >0.004 for this evaluation