

Oregon Dept. of Env. Quality - ODEQ

Sample Delivery Group: L1433171
Samples Received: 11/18/2021
Project Number: QTIME #25265
Description: Montezuma West

Report To: Alyssa Leidel
165 E 7th Ave.
Ste. 100
Eugene, OR 97401

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc

Entire Report Reviewed By:



Brian Ford
Project Manager

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Pace Analytical National12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 www.pacenational.com

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

SAMPLE SUMMARY

MW-11 L1433171-01 GW

				Collected by Alyssa Leidel	Collected date/time 11/15/21 13:15	Received date/time 11/18/21 14:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1779472	1	11/25/21 04:59	11/25/21 04:59	BMB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D-SIM	WG1778521	1	11/22/21 16:41	11/22/21 16:41	BMB	Mt. Juliet, TN

MW-14 L1433171-02 GW

				Collected by Alyssa Leidel	Collected date/time 11/15/21 13:20	Received date/time 11/18/21 14:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1779472	1	11/25/21 05:18	11/25/21 05:18	BMB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D-SIM	WG1778521	1	11/22/21 17:01	11/22/21 17:01	BMB	Mt. Juliet, TN

MW-17 L1433171-03 GW

				Collected by Alyssa Leidel	Collected date/time 11/15/21 13:25	Received date/time 11/18/21 14:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1779472	1	11/25/21 06:15	11/25/21 06:15	BMB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1780995	10	11/29/21 17:34	11/29/21 17:34	BMB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D-SIM	WG1778521	1	11/22/21 17:21	11/22/21 17:21	BMB	Mt. Juliet, TN

DW-18 L1433171-04 DW

				Collected by Alyssa Leidel	Collected date/time 11/15/21 16:30	Received date/time 11/18/21 14:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 524.2	WG1779123	1	11/23/21 17:21	11/23/21 17:21	DWR	Mt. Juliet, TN

DW-19 L1433171-05 DW

				Collected by Alyssa Leidel	Collected date/time 11/15/21 16:35	Received date/time 11/18/21 14:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 524.2	WG1779123	1	11/23/21 17:44	11/23/21 17:44	DWR	Mt. Juliet, TN

DW-20 L1433171-06 DW

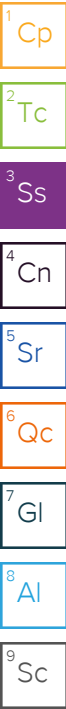
				Collected by Alyssa Leidel	Collected date/time 11/15/21 16:40	Received date/time 11/18/21 14:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 524.2	WG1779123	1	11/23/21 18:07	11/23/21 18:07	DWR	Mt. Juliet, TN

DW-21 L1433171-07 DW

				Collected by Alyssa Leidel	Collected date/time 11/15/21 16:25	Received date/time 11/18/21 14:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 524.2	WG1779123	1	11/23/21 18:29	11/23/21 18:29	DWR	Mt. Juliet, TN

DW-23 L1433171-08 DW

				Collected by Alyssa Leidel	Collected date/time 11/15/21 16:50	Received date/time 11/18/21 14:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 524.2	WG1779123	1	11/23/21 18:52	11/23/21 18:52	DWR	Mt. Juliet, TN



SAMPLE SUMMARY

DW-25 L1433171-09 DW

				Collected by Alyssa Leidel	Collected date/time 11/15/21 15:45	Received date/time 11/18/21 14:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 524.2	WG1779123	1	11/23/21 19:15	11/23/21 19:15	DWR	Mt. Juliet, TN

DW-25F L1433171-10 DW

				Collected by Alyssa Leidel	Collected date/time 11/15/21 15:40	Received date/time 11/18/21 14:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 524.2	WG1779123	1	11/23/21 19:37	11/23/21 19:37	DWR	Mt. Juliet, TN

DW-27 L1433171-11 DW

				Collected by Alyssa Leidel	Collected date/time 11/15/21 16:20	Received date/time 11/18/21 14:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 524.2	WG1779123	1	11/23/21 20:00	11/23/21 20:00	DWR	Mt. Juliet, TN

WELL A (F) L1433171-12 DW

				Collected by Alyssa Leidel	Collected date/time 11/15/21 15:20	Received date/time 11/18/21 14:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 524.2	WG1779123	1	11/23/21 20:23	11/23/21 20:23	DWR	Mt. Juliet, TN

DUP1 WELL A L1433171-13 DW

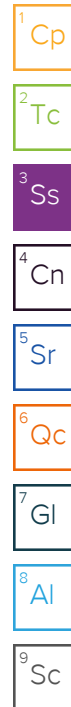
				Collected by Alyssa Leidel	Collected date/time 11/15/21 12:00	Received date/time 11/18/21 14:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 524.2	WG1781028	1	11/29/21 13:04	11/29/21 13:04	BMB	Mt. Juliet, TN

TRIP BLANK L1433171-14 DW

				Collected by Alyssa Leidel	Collected date/time 11/15/21 10:00	Received date/time 11/18/21 14:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 524.2	WG1779123	1	11/23/21 13:34	11/23/21 13:34	DWR	Mt. Juliet, TN

WELL A L1433171-15 DW

				Collected by Alyssa Leidel	Collected date/time 11/15/21 15:30	Received date/time 11/18/21 14:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 524.2	WG1779123	1	11/23/21 13:57	11/23/21 13:57	DWR	Mt. Juliet, TN

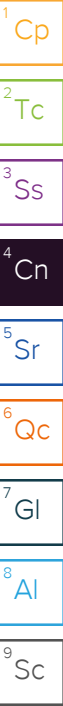


CASE NARRATIVE

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.



Brian Ford
Project Manager



Volatile Organic Compounds (GC/MS) by Method 524.2/8260D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	U		11.3	50.0	1	11/25/2021 04:59	WG1779472
Acrolein	U		2.54	50.0	1	11/25/2021 04:59	WG1779472
Acrylonitrile	U		0.671	10.0	1	11/25/2021 04:59	WG1779472
Benzene	U		0.0941	1.00	1	11/25/2021 04:59	WG1779472
Bromobenzene	U		0.118	1.00	1	11/25/2021 04:59	WG1779472
Bromodichloromethane	U		0.136	1.00	1	11/25/2021 04:59	WG1779472
Bromoform	U		0.129	1.00	1	11/25/2021 04:59	WG1779472
Bromomethane	U		0.605	5.00	1	11/25/2021 04:59	WG1779472
n-Butylbenzene	U	C3	0.157	1.00	1	11/25/2021 04:59	WG1779472
sec-Butylbenzene	U		0.125	1.00	1	11/25/2021 04:59	WG1779472
tert-Butylbenzene	U		0.127	1.00	1	11/25/2021 04:59	WG1779472
Carbon disulfide	U		0.0962	1.00	1	11/25/2021 04:59	WG1779472
Carbon tetrachloride	U		0.128	1.00	1	11/25/2021 04:59	WG1779472
Chlorobenzene	U		0.116	1.00	1	11/25/2021 04:59	WG1779472
Chlorodibromomethane	U		0.140	1.00	1	11/25/2021 04:59	WG1779472
Chloroethane	U		0.192	5.00	1	11/25/2021 04:59	WG1779472
Chloroform	U		0.111	5.00	1	11/25/2021 04:59	WG1779472
Chloromethane	U		0.960	2.50	1	11/25/2021 04:59	WG1779472
2-Chlorotoluene	U	C3	0.106	1.00	1	11/25/2021 04:59	WG1779472
4-Chlorotoluene	U		0.114	1.00	1	11/25/2021 04:59	WG1779472
1,2-Dibromo-3-Chloropropane	U	C3	0.276	5.00	1	11/25/2021 04:59	WG1779472
1,2-Dibromoethane	U		0.126	1.00	1	11/25/2021 04:59	WG1779472
Dibromomethane	U		0.122	1.00	1	11/25/2021 04:59	WG1779472
1,2-Dichlorobenzene	U		0.107	1.00	1	11/25/2021 04:59	WG1779472
1,3-Dichlorobenzene	U		0.110	1.00	1	11/25/2021 04:59	WG1779472
1,4-Dichlorobenzene	U		0.120	1.00	1	11/25/2021 04:59	WG1779472
Dichlorodifluoromethane	U		0.374	5.00	1	11/25/2021 04:59	WG1779472
1,1-Dichloroethane	U		0.100	1.00	1	11/25/2021 04:59	WG1779472
1,2-Dichloroethane	U		0.0819	1.00	1	11/25/2021 04:59	WG1779472
1,1-Dichloroethene	0.547	J	0.188	1.00	1	11/25/2021 04:59	WG1779472
cis-1,2-Dichloroethene	U		0.126	1.00	1	11/25/2021 04:59	WG1779472
trans-1,2-Dichloroethene	U		0.149	1.00	1	11/25/2021 04:59	WG1779472
1,2-Dichloropropane	U		0.149	1.00	1	11/25/2021 04:59	WG1779472
1,1-Dichloropropene	U		0.142	1.00	1	11/25/2021 04:59	WG1779472
1,3-Dichloropropane	U		0.110	1.00	1	11/25/2021 04:59	WG1779472
cis-1,3-Dichloropropene	U		0.111	1.00	1	11/25/2021 04:59	WG1779472
trans-1,3-Dichloropropene	U		0.118	1.00	1	11/25/2021 04:59	WG1779472
2,2-Dichloropropane	U		0.161	1.00	1	11/25/2021 04:59	WG1779472
Di-isopropyl ether	U		0.105	1.00	1	11/25/2021 04:59	WG1779472
Ethylbenzene	U		0.137	1.00	1	11/25/2021 04:59	WG1779472
Hexachloro-1,3-butadiene	U		0.337	1.00	1	11/25/2021 04:59	WG1779472
Isopropylbenzene	U		0.105	1.00	1	11/25/2021 04:59	WG1779472
p-Isopropyltoluene	U		0.120	1.00	1	11/25/2021 04:59	WG1779472
2-Butanone (MEK)	U		1.19	10.0	1	11/25/2021 04:59	WG1779472
Methylene Chloride	U		0.430	5.00	1	11/25/2021 04:59	WG1779472
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	11/25/2021 04:59	WG1779472
Methyl tert-butyl ether	U		0.101	1.00	1	11/25/2021 04:59	WG1779472
Naphthalene	U	C3	1.00	5.00	1	11/25/2021 04:59	WG1779472
n-Propylbenzene	U	C3	0.0993	1.00	1	11/25/2021 04:59	WG1779472
Styrene	U		0.118	1.00	1	11/25/2021 04:59	WG1779472
1,1,1,2-Tetrachloroethane	U		0.147	1.00	1	11/25/2021 04:59	WG1779472
1,1,2,2-Tetrachloroethane	U	C3	0.133	1.00	1	11/25/2021 04:59	WG1779472
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	11/25/2021 04:59	WG1779472
Tetrachloroethene	U		0.300	1.00	1	11/25/2021 04:59	WG1779472
Toluene	U		0.278	1.00	1	11/25/2021 04:59	WG1779472
1,2,3-Trichlorobenzene	U	C4	0.230	1.00	1	11/25/2021 04:59	WG1779472

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc

Volatile Organic Compounds (GC/MS) by Method 524.2/8260D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,2,4-Trichlorobenzene	U		0.481	1.00	1	11/25/2021 04:59	WG1779472
1,1,1-Trichloroethane	2.97		0.149	1.00	1	11/25/2021 04:59	WG1779472
1,1,2-Trichloroethane	U		0.158	1.00	1	11/25/2021 04:59	WG1779472
Trichloroethene	U		0.190	1.00	1	11/25/2021 04:59	WG1779472
Trichlorofluoromethane	U		0.160	5.00	1	11/25/2021 04:59	WG1779472
1,2,3-Trichloropropane	U		0.237	2.50	1	11/25/2021 04:59	WG1779472
1,2,4-Trimethylbenzene	U		0.322	1.00	1	11/25/2021 04:59	WG1779472
1,2,3-Trimethylbenzene	U		0.104	1.00	1	11/25/2021 04:59	WG1779472
1,3,5-Trimethylbenzene	U		0.104	1.00	1	11/25/2021 04:59	WG1779472
Vinyl chloride	U		0.234	1.00	1	11/25/2021 04:59	WG1779472
Xylenes, Total	U		0.174	3.00	1	11/25/2021 04:59	WG1779472
(S) Toluene-d8	108			80.0-120		11/25/2021 04:59	WG1779472
(S) 4-Bromofluorobenzene	107			77.0-126		11/25/2021 04:59	WG1779472
(S) 1,2-Dichloroethane-d4	128			70.0-130		11/25/2021 04:59	WG1779472

Volatile Organic Compounds (GC/MS) by Method 8260D-SIM

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,4-Dioxane	U		0.597	3.00	1	11/22/2021 16:41	WG1778521
(S) Toluene-d8	99.3			77.0-127		11/22/2021 16:41	WG1778521

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

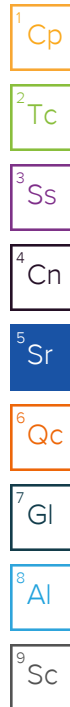
7 Gl

8 Al

9 Sc

Volatile Organic Compounds (GC/MS) by Method 524.2/8260D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	U		11.3	50.0	1	11/25/2021 05:18	WG1779472
Acrolein	U		2.54	50.0	1	11/25/2021 05:18	WG1779472
Acrylonitrile	U		0.671	10.0	1	11/25/2021 05:18	WG1779472
Benzene	U		0.0941	1.00	1	11/25/2021 05:18	WG1779472
Bromobenzene	U		0.118	1.00	1	11/25/2021 05:18	WG1779472
Bromodichloromethane	U		0.136	1.00	1	11/25/2021 05:18	WG1779472
Bromoform	U		0.129	1.00	1	11/25/2021 05:18	WG1779472
Bromomethane	U		0.605	5.00	1	11/25/2021 05:18	WG1779472
n-Butylbenzene	U	C3	0.157	1.00	1	11/25/2021 05:18	WG1779472
sec-Butylbenzene	U		0.125	1.00	1	11/25/2021 05:18	WG1779472
tert-Butylbenzene	U		0.127	1.00	1	11/25/2021 05:18	WG1779472
Carbon disulfide	U		0.0962	1.00	1	11/25/2021 05:18	WG1779472
Carbon tetrachloride	U		0.128	1.00	1	11/25/2021 05:18	WG1779472
Chlorobenzene	U		0.116	1.00	1	11/25/2021 05:18	WG1779472
Chlorodibromomethane	U		0.140	1.00	1	11/25/2021 05:18	WG1779472
Chloroethane	U		0.192	5.00	1	11/25/2021 05:18	WG1779472
Chloroform	U		0.111	5.00	1	11/25/2021 05:18	WG1779472
Chloromethane	U		0.960	2.50	1	11/25/2021 05:18	WG1779472
2-Chlorotoluene	U	C3	0.106	1.00	1	11/25/2021 05:18	WG1779472
4-Chlorotoluene	U		0.114	1.00	1	11/25/2021 05:18	WG1779472
1,2-Dibromo-3-Chloropropane	U	C3	0.276	5.00	1	11/25/2021 05:18	WG1779472
1,2-Dibromoethane	U		0.126	1.00	1	11/25/2021 05:18	WG1779472
Dibromomethane	U		0.122	1.00	1	11/25/2021 05:18	WG1779472
1,2-Dichlorobenzene	U		0.107	1.00	1	11/25/2021 05:18	WG1779472
1,3-Dichlorobenzene	U		0.110	1.00	1	11/25/2021 05:18	WG1779472
1,4-Dichlorobenzene	U		0.120	1.00	1	11/25/2021 05:18	WG1779472
Dichlorodifluoromethane	U		0.374	5.00	1	11/25/2021 05:18	WG1779472
1,1-Dichloroethane	0.534	J	0.100	1.00	1	11/25/2021 05:18	WG1779472
1,2-Dichloroethane	U		0.0819	1.00	1	11/25/2021 05:18	WG1779472
1,1-Dichloroethene	4.32		0.188	1.00	1	11/25/2021 05:18	WG1779472
cis-1,2-Dichloroethene	U		0.126	1.00	1	11/25/2021 05:18	WG1779472
trans-1,2-Dichloroethene	U		0.149	1.00	1	11/25/2021 05:18	WG1779472
1,2-Dichloropropane	U		0.149	1.00	1	11/25/2021 05:18	WG1779472
1,1-Dichloropropene	U		0.142	1.00	1	11/25/2021 05:18	WG1779472
1,3-Dichloropropane	U		0.110	1.00	1	11/25/2021 05:18	WG1779472
cis-1,3-Dichloropropene	U		0.111	1.00	1	11/25/2021 05:18	WG1779472
trans-1,3-Dichloropropene	U		0.118	1.00	1	11/25/2021 05:18	WG1779472
2,2-Dichloropropane	U		0.161	1.00	1	11/25/2021 05:18	WG1779472
Di-isopropyl ether	U		0.105	1.00	1	11/25/2021 05:18	WG1779472
Ethylbenzene	U		0.137	1.00	1	11/25/2021 05:18	WG1779472
Hexachloro-1,3-butadiene	U		0.337	1.00	1	11/25/2021 05:18	WG1779472
Isopropylbenzene	U		0.105	1.00	1	11/25/2021 05:18	WG1779472
p-Isopropyltoluene	U		0.120	1.00	1	11/25/2021 05:18	WG1779472
2-Butanone (MEK)	U		1.19	10.0	1	11/25/2021 05:18	WG1779472
Methylene Chloride	U		0.430	5.00	1	11/25/2021 05:18	WG1779472
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	11/25/2021 05:18	WG1779472
Methyl tert-butyl ether	U		0.101	1.00	1	11/25/2021 05:18	WG1779472
Naphthalene	U	C3	1.00	5.00	1	11/25/2021 05:18	WG1779472
n-Propylbenzene	U	C3	0.0993	1.00	1	11/25/2021 05:18	WG1779472
Styrene	U		0.118	1.00	1	11/25/2021 05:18	WG1779472
1,1,1,2-Tetrachloroethane	U		0.147	1.00	1	11/25/2021 05:18	WG1779472
1,1,2,2-Tetrachloroethane	U	C3	0.133	1.00	1	11/25/2021 05:18	WG1779472
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	11/25/2021 05:18	WG1779472
Tetrachloroethene	U		0.300	1.00	1	11/25/2021 05:18	WG1779472
Toluene	U		0.278	1.00	1	11/25/2021 05:18	WG1779472
1,2,3-Trichlorobenzene	U	C4	0.230	1.00	1	11/25/2021 05:18	WG1779472

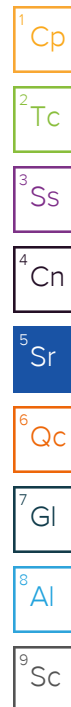


Volatile Organic Compounds (GC/MS) by Method 524.2/8260D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,2,4-Trichlorobenzene	U		0.481	1.00	1	11/25/2021 05:18	WG1779472
1,1,1-Trichloroethane	1.73		0.149	1.00	1	11/25/2021 05:18	WG1779472
1,1,2-Trichloroethane	U		0.158	1.00	1	11/25/2021 05:18	WG1779472
Trichloroethene	U		0.190	1.00	1	11/25/2021 05:18	WG1779472
Trichlorofluoromethane	U		0.160	5.00	1	11/25/2021 05:18	WG1779472
1,2,3-Trichloropropane	U		0.237	2.50	1	11/25/2021 05:18	WG1779472
1,2,4-Trimethylbenzene	U		0.322	1.00	1	11/25/2021 05:18	WG1779472
1,2,3-Trimethylbenzene	U		0.104	1.00	1	11/25/2021 05:18	WG1779472
1,3,5-Trimethylbenzene	U		0.104	1.00	1	11/25/2021 05:18	WG1779472
Vinyl chloride	U		0.234	1.00	1	11/25/2021 05:18	WG1779472
Xylenes, Total	U		0.174	3.00	1	11/25/2021 05:18	WG1779472
(S) Toluene-d8	106			80.0-120		11/25/2021 05:18	WG1779472
(S) 4-Bromofluorobenzene	107			77.0-126		11/25/2021 05:18	WG1779472
(S) 1,2-Dichloroethane-d4	129			70.0-130		11/25/2021 05:18	WG1779472

Volatile Organic Compounds (GC/MS) by Method 8260D-SIM

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,4-Dioxane	U		0.597	3.00	1	11/22/2021 17:01	WG1778521
(S) Toluene-d8	99.3			77.0-127		11/22/2021 17:01	WG1778521



Volatile Organic Compounds (GC/MS) by Method 524.2/8260D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	U		11.3	50.0	1	11/25/2021 06:15	WG1779472
Acrolein	U		2.54	50.0	1	11/25/2021 06:15	WG1779472
Acrylonitrile	U		0.671	10.0	1	11/25/2021 06:15	WG1779472
Benzene	U		0.0941	1.00	1	11/25/2021 06:15	WG1779472
Bromobenzene	U		0.118	1.00	1	11/25/2021 06:15	WG1779472
Bromodichloromethane	U		0.136	1.00	1	11/25/2021 06:15	WG1779472
Bromoform	U		0.129	1.00	1	11/25/2021 06:15	WG1779472
Bromomethane	U		0.605	5.00	1	11/25/2021 06:15	WG1779472
n-Butylbenzene	U	C3	0.157	1.00	1	11/25/2021 06:15	WG1779472
sec-Butylbenzene	U		0.125	1.00	1	11/25/2021 06:15	WG1779472
tert-Butylbenzene	U		0.127	1.00	1	11/25/2021 06:15	WG1779472
Carbon disulfide	U		0.0962	1.00	1	11/25/2021 06:15	WG1779472
Carbon tetrachloride	U		0.128	1.00	1	11/25/2021 06:15	WG1779472
Chlorobenzene	U		0.116	1.00	1	11/25/2021 06:15	WG1779472
Chlorodibromomethane	U		0.140	1.00	1	11/25/2021 06:15	WG1779472
Chloroethane	U		0.192	5.00	1	11/25/2021 06:15	WG1779472
Chloroform	U		0.111	5.00	1	11/25/2021 06:15	WG1779472
Chloromethane	U		0.960	2.50	1	11/25/2021 06:15	WG1779472
2-Chlorotoluene	U	C3	0.106	1.00	1	11/25/2021 06:15	WG1779472
4-Chlorotoluene	U		0.114	1.00	1	11/25/2021 06:15	WG1779472
1,2-Dibromo-3-Chloropropane	U	C3	0.276	5.00	1	11/25/2021 06:15	WG1779472
1,2-Dibromoethane	U		0.126	1.00	1	11/25/2021 06:15	WG1779472
Dibromomethane	U		0.122	1.00	1	11/25/2021 06:15	WG1779472
1,2-Dichlorobenzene	U		0.107	1.00	1	11/25/2021 06:15	WG1779472
1,3-Dichlorobenzene	U		0.110	1.00	1	11/25/2021 06:15	WG1779472
1,4-Dichlorobenzene	U		0.120	1.00	1	11/25/2021 06:15	WG1779472
Dichlorodifluoromethane	U		0.374	5.00	1	11/25/2021 06:15	WG1779472
1,1-Dichloroethane	21.2		0.100	1.00	1	11/25/2021 06:15	WG1779472
1,2-Dichloroethane	U		0.0819	1.00	1	11/25/2021 06:15	WG1779472
1,1-Dichloroethene	89.0		0.188	1.00	1	11/25/2021 06:15	WG1779472
cis-1,2-Dichloroethene	U		0.126	1.00	1	11/25/2021 06:15	WG1779472
trans-1,2-Dichloroethene	U		0.149	1.00	1	11/25/2021 06:15	WG1779472
1,2-Dichloropropane	U		0.149	1.00	1	11/25/2021 06:15	WG1779472
1,1-Dichloropropene	U		0.142	1.00	1	11/25/2021 06:15	WG1779472
1,3-Dichloropropane	U		0.110	1.00	1	11/25/2021 06:15	WG1779472
cis-1,3-Dichloropropene	U		0.111	1.00	1	11/25/2021 06:15	WG1779472
trans-1,3-Dichloropropene	U		0.118	1.00	1	11/25/2021 06:15	WG1779472
2,2-Dichloropropane	U		0.161	1.00	1	11/25/2021 06:15	WG1779472
Di-isopropyl ether	U		0.105	1.00	1	11/25/2021 06:15	WG1779472
Ethylbenzene	U		0.137	1.00	1	11/25/2021 06:15	WG1779472
Hexachloro-1,3-butadiene	U		0.337	1.00	1	11/25/2021 06:15	WG1779472
Isopropylbenzene	U		0.105	1.00	1	11/25/2021 06:15	WG1779472
p-Isopropyltoluene	U		0.120	1.00	1	11/25/2021 06:15	WG1779472
2-Butanone (MEK)	1.22	J	1.19	10.0	1	11/25/2021 06:15	WG1779472
Methylene Chloride	U		0.430	5.00	1	11/25/2021 06:15	WG1779472
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	11/25/2021 06:15	WG1779472
Methyl tert-butyl ether	U		0.101	1.00	1	11/25/2021 06:15	WG1779472
Naphthalene	U	C3	1.00	5.00	1	11/25/2021 06:15	WG1779472
n-Propylbenzene	U	C3	0.0993	1.00	1	11/25/2021 06:15	WG1779472
Styrene	U		0.118	1.00	1	11/25/2021 06:15	WG1779472
1,1,1,2-Tetrachloroethane	U		0.147	1.00	1	11/25/2021 06:15	WG1779472
1,1,2,2-Tetrachloroethane	U	C3	0.133	1.00	1	11/25/2021 06:15	WG1779472
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	11/25/2021 06:15	WG1779472
Tetrachloroethene	U		0.300	1.00	1	11/25/2021 06:15	WG1779472
Toluene	U		0.278	1.00	1	11/25/2021 06:15	WG1779472
1,2,3-Trichlorobenzene	U	C4	0.230	1.00	1	11/25/2021 06:15	WG1779472

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Volatile Organic Compounds (GC/MS) by Method 524.2/8260D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,2,4-Trichlorobenzene	U		0.481	1.00	1	11/25/2021 06:15	WG1779472
1,1,1-Trichloroethane	270		1.49	10.0	10	11/29/2021 17:34	WG1780995
1,1,2-Trichloroethane	U		0.158	1.00	1	11/25/2021 06:15	WG1779472
Trichloroethene	U		0.190	1.00	1	11/25/2021 06:15	WG1779472
Trichlorofluoromethane	U		0.160	5.00	1	11/25/2021 06:15	WG1779472
1,2,3-Trichloropropane	U		0.237	2.50	1	11/25/2021 06:15	WG1779472
1,2,4-Trimethylbenzene	U		0.322	1.00	1	11/25/2021 06:15	WG1779472
1,2,3-Trimethylbenzene	U		0.104	1.00	1	11/25/2021 06:15	WG1779472
1,3,5-Trimethylbenzene	U		0.104	1.00	1	11/25/2021 06:15	WG1779472
Vinyl chloride	U		0.234	1.00	1	11/25/2021 06:15	WG1779472
Xylenes, Total	U		0.174	3.00	1	11/25/2021 06:15	WG1779472
(S) Toluene-d8	104			80.0-120		11/25/2021 06:15	WG1779472
(S) Toluene-d8	101			80.0-120		11/29/2021 17:34	WG1780995
(S) 4-Bromofluorobenzene	103			77.0-126		11/25/2021 06:15	WG1779472
(S) 4-Bromofluorobenzene	106			77.0-126		11/29/2021 17:34	WG1780995
(S) 1,2-Dichloroethane-d4	132	J1		70.0-130		11/25/2021 06:15	WG1779472
(S) 1,2-Dichloroethane-d4	109			70.0-130		11/29/2021 17:34	WG1780995

Volatile Organic Compounds (GC/MS) by Method 8260D-SIM

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,4-Dioxane	U		0.597	3.00	1	11/22/2021 17:21	WG1778521
(S) Toluene-d8	99.2			77.0-127		11/22/2021 17:21	WG1778521

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Volatile Organic Compounds (GC/MS) by Method 524.2/8260D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	U		0.0490	0.500	1	11/23/2021 17:21	WG1779123
Carbon tetrachloride	U		0.0660	0.500	1	11/23/2021 17:21	WG1779123
1,4-Dichlorobenzene	U		0.0310	0.500	1	11/23/2021 17:21	WG1779123
1,2-Dichloroethane	U		0.0498	0.500	1	11/23/2021 17:21	WG1779123
1,1-Dichloroethene	0.256	U	0.0540	0.500	1	11/23/2021 17:21	WG1779123
1,1,1-Trichloroethane	0.481	U	0.0490	0.500	1	11/23/2021 17:21	WG1779123
Trichloroethene	U		0.0440	0.500	1	11/23/2021 17:21	WG1779123
Vinyl chloride	U		0.0260	0.500	1	11/23/2021 17:21	WG1779123
1,2,4-Trichlorobenzene	U		0.0530	0.500	1	11/23/2021 17:21	WG1779123
cis-1,2-Dichloroethene	U		0.0640	0.500	1	11/23/2021 17:21	WG1779123
Xylenes, Total	U		0.340	0.500	1	11/23/2021 17:21	WG1779123
Methylene chloride	U		0.0608	0.500	1	11/23/2021 17:21	WG1779123
1,2-Dichlorobenzene	U		0.0410	0.500	1	11/23/2021 17:21	WG1779123
trans-1,2-Dichloroethene	U		0.100	0.500	1	11/23/2021 17:21	WG1779123
1,2-Dichloropropane	U		0.0270	0.500	1	11/23/2021 17:21	WG1779123
1,1,2-Trichloroethane	U		0.0701	0.500	1	11/23/2021 17:21	WG1779123
Tetrachloroethene	U		0.0790	0.500	1	11/23/2021 17:21	WG1779123
Chlorobenzene	U		0.0370	0.500	1	11/23/2021 17:21	WG1779123
Toluene	U		0.412	0.500	1	11/23/2021 17:21	WG1779123
Ethylbenzene	U		0.0440	0.500	1	11/23/2021 17:21	WG1779123
Styrene	U		0.0360	0.500	1	11/23/2021 17:21	WG1779123
Bromobenzene	U		0.0490	0.500	1	11/23/2021 17:21	WG1779123
Bromodichloromethane	U		0.0810	0.500	1	11/23/2021 17:21	WG1779123
Bromoform	U		0.0800	0.500	1	11/23/2021 17:21	WG1779123
Bromomethane	U		0.0790	1.00	1	11/23/2021 17:21	WG1779123
Chlorodibromomethane	U		0.0930	0.500	1	11/23/2021 17:21	WG1779123
Chloroethane	U		0.190	0.500	1	11/23/2021 17:21	WG1779123
Chloroform	U		0.0800	0.500	1	11/23/2021 17:21	WG1779123
Chloromethane	U		0.0290	0.500	1	11/23/2021 17:21	WG1779123
2-Chlorotoluene	U		0.0480	0.500	1	11/23/2021 17:21	WG1779123
4-Chlorotoluene	U		0.0550	0.500	1	11/23/2021 17:21	WG1779123
Dibromomethane	U		0.0700	0.500	1	11/23/2021 17:21	WG1779123
1,3-Dichlorobenzene	U		0.0360	0.500	1	11/23/2021 17:21	WG1779123
1,1-Dichloroethane	U		0.0240	0.500	1	11/23/2021 17:21	WG1779123
1,3-Dichloropropane	U		0.0230	0.500	1	11/23/2021 17:21	WG1779123
2,2-Dichloropropane	U		0.0680	0.500	1	11/23/2021 17:21	WG1779123
1,1-Dichloropropene	U		0.0450	0.500	1	11/23/2021 17:21	WG1779123
1,3-Dichloropropene	U		0.150	0.500	1	11/23/2021 17:21	WG1779123
1,1,1,2-Tetrachloroethane	U		0.0700	0.500	1	11/23/2021 17:21	WG1779123
1,1,2,2-Tetrachloroethane	U		0.0790	0.500	1	11/23/2021 17:21	WG1779123
1,2,3-Trichloropropane	U		0.0720	0.500	1	11/23/2021 17:21	WG1779123
Methyl tert-butyl ether	U		0.0530	0.500	1	11/23/2021 17:21	WG1779123
Naphthalene	U		0.110	0.500	1	11/23/2021 17:21	WG1779123
1,2-Dibromoethane	U		0.210	0.500	1	11/23/2021 17:21	WG1779123
Isopropylbenzene	U		0.0410	0.500	1	11/23/2021 17:21	WG1779123
1,2,4-Trimethylbenzene	U		0.0430	0.500	1	11/23/2021 17:21	WG1779123
1,3,5-Trimethylbenzene	U		0.0430	0.500	1	11/23/2021 17:21	WG1779123

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Volatile Organic Compounds (GC/MS) by Method 524.2/8260D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	U		0.0490	0.500	1	11/23/2021 17:44	WG1779123
Carbon tetrachloride	U		0.0660	0.500	1	11/23/2021 17:44	WG1779123
1,4-Dichlorobenzene	U		0.0310	0.500	1	11/23/2021 17:44	WG1779123
1,2-Dichloroethane	U		0.0498	0.500	1	11/23/2021 17:44	WG1779123
1,1-Dichloroethene	0.755		0.0540	0.500	1	11/23/2021 17:44	WG1779123
1,1,1-Trichloroethane	1.28		0.0490	0.500	1	11/23/2021 17:44	WG1779123
Trichloroethene	U		0.0440	0.500	1	11/23/2021 17:44	WG1779123
Vinyl chloride	U		0.0260	0.500	1	11/23/2021 17:44	WG1779123
1,2,4-Trichlorobenzene	U		0.0530	0.500	1	11/23/2021 17:44	WG1779123
cis-1,2-Dichloroethene	U		0.0640	0.500	1	11/23/2021 17:44	WG1779123
Xylenes, Total	U		0.340	0.500	1	11/23/2021 17:44	WG1779123
Methylene chloride	U		0.0608	0.500	1	11/23/2021 17:44	WG1779123
1,2-Dichlorobenzene	U		0.0410	0.500	1	11/23/2021 17:44	WG1779123
trans-1,2-Dichloroethene	U		0.100	0.500	1	11/23/2021 17:44	WG1779123
1,2-Dichloropropane	U		0.0270	0.500	1	11/23/2021 17:44	WG1779123
1,1,2-Trichloroethane	U		0.0701	0.500	1	11/23/2021 17:44	WG1779123
Tetrachloroethene	U		0.0790	0.500	1	11/23/2021 17:44	WG1779123
Chlorobenzene	U		0.0370	0.500	1	11/23/2021 17:44	WG1779123
Toluene	U		0.412	0.500	1	11/23/2021 17:44	WG1779123
Ethylbenzene	U		0.0440	0.500	1	11/23/2021 17:44	WG1779123
Styrene	U		0.0360	0.500	1	11/23/2021 17:44	WG1779123
Bromobenzene	U		0.0490	0.500	1	11/23/2021 17:44	WG1779123
Bromodichloromethane	U		0.0810	0.500	1	11/23/2021 17:44	WG1779123
Bromoform	U		0.0800	0.500	1	11/23/2021 17:44	WG1779123
Bromomethane	U		0.0790	1.00	1	11/23/2021 17:44	WG1779123
Chlorodibromomethane	U		0.0930	0.500	1	11/23/2021 17:44	WG1779123
Chloroethane	U		0.190	0.500	1	11/23/2021 17:44	WG1779123
Chloroform	0.0823	U	0.0800	0.500	1	11/23/2021 17:44	WG1779123
Chloromethane	U		0.0290	0.500	1	11/23/2021 17:44	WG1779123
2-Chlorotoluene	U		0.0480	0.500	1	11/23/2021 17:44	WG1779123
4-Chlorotoluene	U		0.0550	0.500	1	11/23/2021 17:44	WG1779123
Dibromomethane	U		0.0700	0.500	1	11/23/2021 17:44	WG1779123
1,3-Dichlorobenzene	U		0.0360	0.500	1	11/23/2021 17:44	WG1779123
1,1-Dichloroethane	0.123	U	0.0240	0.500	1	11/23/2021 17:44	WG1779123
1,3-Dichloropropane	U		0.0230	0.500	1	11/23/2021 17:44	WG1779123
2,2-Dichloropropane	U		0.0680	0.500	1	11/23/2021 17:44	WG1779123
1,1-Dichloropropene	U		0.0450	0.500	1	11/23/2021 17:44	WG1779123
1,3-Dichloropropene	U		0.150	0.500	1	11/23/2021 17:44	WG1779123
1,1,1,2-Tetrachloroethane	U		0.0700	0.500	1	11/23/2021 17:44	WG1779123
1,1,2,2-Tetrachloroethane	U		0.0790	0.500	1	11/23/2021 17:44	WG1779123
1,2,3-Trichloropropane	U		0.0720	0.500	1	11/23/2021 17:44	WG1779123
Methyl tert-butyl ether	U		0.0530	0.500	1	11/23/2021 17:44	WG1779123
Naphthalene	U		0.110	0.500	1	11/23/2021 17:44	WG1779123
1,2-Dibromoethane	U		0.210	0.500	1	11/23/2021 17:44	WG1779123
Isopropylbenzene	U		0.0410	0.500	1	11/23/2021 17:44	WG1779123
1,2,4-Trimethylbenzene	U		0.0430	0.500	1	11/23/2021 17:44	WG1779123
1,3,5-Trimethylbenzene	U		0.0430	0.500	1	11/23/2021 17:44	WG1779123

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc

Volatile Organic Compounds (GC/MS) by Method 524.2/8260D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	U		0.0490	0.500	1	11/23/2021 18:07	WG1779123
Carbon tetrachloride	U		0.0660	0.500	1	11/23/2021 18:07	WG1779123
1,4-Dichlorobenzene	U		0.0310	0.500	1	11/23/2021 18:07	WG1779123
1,2-Dichloroethane	U		0.0498	0.500	1	11/23/2021 18:07	WG1779123
1,1-Dichloroethene	0.397	J	0.0540	0.500	1	11/23/2021 18:07	WG1779123
1,1,1-Trichloroethane	0.627		0.0490	0.500	1	11/23/2021 18:07	WG1779123
Trichloroethene	U		0.0440	0.500	1	11/23/2021 18:07	WG1779123
Vinyl chloride	U		0.0260	0.500	1	11/23/2021 18:07	WG1779123
1,2,4-Trichlorobenzene	U		0.0530	0.500	1	11/23/2021 18:07	WG1779123
cis-1,2-Dichloroethene	U		0.0640	0.500	1	11/23/2021 18:07	WG1779123
Xylenes, Total	U		0.340	0.500	1	11/23/2021 18:07	WG1779123
Methylene chloride	U		0.0608	0.500	1	11/23/2021 18:07	WG1779123
1,2-Dichlorobenzene	U		0.0410	0.500	1	11/23/2021 18:07	WG1779123
trans-1,2-Dichloroethene	U		0.100	0.500	1	11/23/2021 18:07	WG1779123
1,2-Dichloropropane	U		0.0270	0.500	1	11/23/2021 18:07	WG1779123
1,1,2-Trichloroethane	U		0.0701	0.500	1	11/23/2021 18:07	WG1779123
Tetrachloroethene	U		0.0790	0.500	1	11/23/2021 18:07	WG1779123
Chlorobenzene	U		0.0370	0.500	1	11/23/2021 18:07	WG1779123
Toluene	U		0.412	0.500	1	11/23/2021 18:07	WG1779123
Ethylbenzene	U		0.0440	0.500	1	11/23/2021 18:07	WG1779123
Styrene	U		0.0360	0.500	1	11/23/2021 18:07	WG1779123
Bromobenzene	U		0.0490	0.500	1	11/23/2021 18:07	WG1779123
Bromodichloromethane	U		0.0810	0.500	1	11/23/2021 18:07	WG1779123
Bromoform	U		0.0800	0.500	1	11/23/2021 18:07	WG1779123
Bromomethane	U		0.0790	1.00	1	11/23/2021 18:07	WG1779123
Chlorodibromomethane	U		0.0930	0.500	1	11/23/2021 18:07	WG1779123
Chloroethane	U		0.190	0.500	1	11/23/2021 18:07	WG1779123
Chloroform	U		0.0800	0.500	1	11/23/2021 18:07	WG1779123
Chloromethane	U		0.0290	0.500	1	11/23/2021 18:07	WG1779123
2-Chlorotoluene	U		0.0480	0.500	1	11/23/2021 18:07	WG1779123
4-Chlorotoluene	U		0.0550	0.500	1	11/23/2021 18:07	WG1779123
Dibromomethane	U		0.0700	0.500	1	11/23/2021 18:07	WG1779123
1,3-Dichlorobenzene	U		0.0360	0.500	1	11/23/2021 18:07	WG1779123
1,1-Dichloroethane	U		0.0240	0.500	1	11/23/2021 18:07	WG1779123
1,3-Dichloropropane	U		0.0230	0.500	1	11/23/2021 18:07	WG1779123
2,2-Dichloropropane	U		0.0680	0.500	1	11/23/2021 18:07	WG1779123
1,1-Dichloropropene	U		0.0450	0.500	1	11/23/2021 18:07	WG1779123
1,3-Dichloropropene	U		0.150	0.500	1	11/23/2021 18:07	WG1779123
1,1,1,2-Tetrachloroethane	U		0.0700	0.500	1	11/23/2021 18:07	WG1779123
1,1,2,2-Tetrachloroethane	U		0.0790	0.500	1	11/23/2021 18:07	WG1779123
1,2,3-Trichloropropane	U		0.0720	0.500	1	11/23/2021 18:07	WG1779123
Methyl tert-butyl ether	U		0.0530	0.500	1	11/23/2021 18:07	WG1779123
Naphthalene	U		0.110	0.500	1	11/23/2021 18:07	WG1779123
1,2-Dibromoethane	U		0.210	0.500	1	11/23/2021 18:07	WG1779123
Isopropylbenzene	U		0.0410	0.500	1	11/23/2021 18:07	WG1779123
1,2,4-Trimethylbenzene	U		0.0430	0.500	1	11/23/2021 18:07	WG1779123
1,3,5-Trimethylbenzene	U		0.0430	0.500	1	11/23/2021 18:07	WG1779123

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Volatile Organic Compounds (GC/MS) by Method 524.2/8260D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	U		0.0490	0.500	1	11/23/2021 18:29	WG1779123
Carbon tetrachloride	U		0.0660	0.500	1	11/23/2021 18:29	WG1779123
1,4-Dichlorobenzene	U		0.0310	0.500	1	11/23/2021 18:29	WG1779123
1,2-Dichloroethane	U		0.0498	0.500	1	11/23/2021 18:29	WG1779123
1,1-Dichloroethene	6.34		0.0540	0.500	1	11/23/2021 18:29	WG1779123
1,1,1-Trichloroethane	6.43		0.0490	0.500	1	11/23/2021 18:29	WG1779123
Trichloroethene	U		0.0440	0.500	1	11/23/2021 18:29	WG1779123
Vinyl chloride	U		0.0260	0.500	1	11/23/2021 18:29	WG1779123
1,2,4-Trichlorobenzene	U		0.0530	0.500	1	11/23/2021 18:29	WG1779123
cis-1,2-Dichloroethene	U		0.0640	0.500	1	11/23/2021 18:29	WG1779123
Xylenes, Total	U		0.340	0.500	1	11/23/2021 18:29	WG1779123
Methylene chloride	U		0.0608	0.500	1	11/23/2021 18:29	WG1779123
1,2-Dichlorobenzene	U		0.0410	0.500	1	11/23/2021 18:29	WG1779123
trans-1,2-Dichloroethene	U		0.100	0.500	1	11/23/2021 18:29	WG1779123
1,2-Dichloropropane	U		0.0270	0.500	1	11/23/2021 18:29	WG1779123
1,1,2-Trichloroethane	U		0.0701	0.500	1	11/23/2021 18:29	WG1779123
Tetrachloroethene	U		0.0790	0.500	1	11/23/2021 18:29	WG1779123
Chlorobenzene	U		0.0370	0.500	1	11/23/2021 18:29	WG1779123
Toluene	U		0.412	0.500	1	11/23/2021 18:29	WG1779123
Ethylbenzene	U		0.0440	0.500	1	11/23/2021 18:29	WG1779123
Styrene	U		0.0360	0.500	1	11/23/2021 18:29	WG1779123
Bromobenzene	U		0.0490	0.500	1	11/23/2021 18:29	WG1779123
Bromodichloromethane	U		0.0810	0.500	1	11/23/2021 18:29	WG1779123
Bromoform	U		0.0800	0.500	1	11/23/2021 18:29	WG1779123
Bromomethane	U		0.0790	1.00	1	11/23/2021 18:29	WG1779123
Chlorodibromomethane	U		0.0930	0.500	1	11/23/2021 18:29	WG1779123
Chloroethane	U		0.190	0.500	1	11/23/2021 18:29	WG1779123
Chloroform	U		0.0800	0.500	1	11/23/2021 18:29	WG1779123
Chloromethane	U		0.0290	0.500	1	11/23/2021 18:29	WG1779123
2-Chlorotoluene	U		0.0480	0.500	1	11/23/2021 18:29	WG1779123
4-Chlorotoluene	U		0.0550	0.500	1	11/23/2021 18:29	WG1779123
Dibromomethane	U		0.0700	0.500	1	11/23/2021 18:29	WG1779123
1,3-Dichlorobenzene	U		0.0360	0.500	1	11/23/2021 18:29	WG1779123
1,1-Dichloroethane	0.830		0.0240	0.500	1	11/23/2021 18:29	WG1779123
1,3-Dichloropropane	U		0.0230	0.500	1	11/23/2021 18:29	WG1779123
2,2-Dichloropropane	U		0.0680	0.500	1	11/23/2021 18:29	WG1779123
1,1-Dichloropropene	U		0.0450	0.500	1	11/23/2021 18:29	WG1779123
1,3-Dichloropropene	U		0.150	0.500	1	11/23/2021 18:29	WG1779123
1,1,1,2-Tetrachloroethane	U		0.0700	0.500	1	11/23/2021 18:29	WG1779123
1,1,2,2-Tetrachloroethane	U		0.0790	0.500	1	11/23/2021 18:29	WG1779123
1,2,3-Trichloropropane	U		0.0720	0.500	1	11/23/2021 18:29	WG1779123
Methyl tert-butyl ether	U		0.0530	0.500	1	11/23/2021 18:29	WG1779123
Naphthalene	U		0.110	0.500	1	11/23/2021 18:29	WG1779123
1,2-Dibromoethane	U		0.210	0.500	1	11/23/2021 18:29	WG1779123
Isopropylbenzene	U		0.0410	0.500	1	11/23/2021 18:29	WG1779123
1,2,4-Trimethylbenzene	U		0.0430	0.500	1	11/23/2021 18:29	WG1779123
1,3,5-Trimethylbenzene	U		0.0430	0.500	1	11/23/2021 18:29	WG1779123

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Volatile Organic Compounds (GC/MS) by Method 524.2/8260D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	U		0.0490	0.500	1	11/23/2021 18:52	WG1779123
Carbon tetrachloride	U		0.0660	0.500	1	11/23/2021 18:52	WG1779123
1,4-Dichlorobenzene	U		0.0310	0.500	1	11/23/2021 18:52	WG1779123
1,2-Dichloroethane	U		0.0498	0.500	1	11/23/2021 18:52	WG1779123
1,1-Dichloroethene	6.01		0.0540	0.500	1	11/23/2021 18:52	WG1779123
1,1,1-Trichloroethane	6.75		0.0490	0.500	1	11/23/2021 18:52	WG1779123
Trichloroethene	U		0.0440	0.500	1	11/23/2021 18:52	WG1779123
Vinyl chloride	U		0.0260	0.500	1	11/23/2021 18:52	WG1779123
1,2,4-Trichlorobenzene	U		0.0530	0.500	1	11/23/2021 18:52	WG1779123
cis-1,2-Dichloroethene	U		0.0640	0.500	1	11/23/2021 18:52	WG1779123
Xylenes, Total	U		0.340	0.500	1	11/23/2021 18:52	WG1779123
Methylene chloride	U		0.0608	0.500	1	11/23/2021 18:52	WG1779123
1,2-Dichlorobenzene	U		0.0410	0.500	1	11/23/2021 18:52	WG1779123
trans-1,2-Dichloroethene	U		0.100	0.500	1	11/23/2021 18:52	WG1779123
1,2-Dichloropropane	U		0.0270	0.500	1	11/23/2021 18:52	WG1779123
1,1,2-Trichloroethane	U		0.0701	0.500	1	11/23/2021 18:52	WG1779123
Tetrachloroethene	U		0.0790	0.500	1	11/23/2021 18:52	WG1779123
Chlorobenzene	U		0.0370	0.500	1	11/23/2021 18:52	WG1779123
Toluene	U		0.412	0.500	1	11/23/2021 18:52	WG1779123
Ethylbenzene	U		0.0440	0.500	1	11/23/2021 18:52	WG1779123
Styrene	U		0.0360	0.500	1	11/23/2021 18:52	WG1779123
Bromobenzene	U		0.0490	0.500	1	11/23/2021 18:52	WG1779123
Bromodichloromethane	U		0.0810	0.500	1	11/23/2021 18:52	WG1779123
Bromoform	U		0.0800	0.500	1	11/23/2021 18:52	WG1779123
Bromomethane	U		0.0790	1.00	1	11/23/2021 18:52	WG1779123
Chlorodibromomethane	U		0.0930	0.500	1	11/23/2021 18:52	WG1779123
Chloroethane	U		0.190	0.500	1	11/23/2021 18:52	WG1779123
Chloroform	0.0951	J	0.0800	0.500	1	11/23/2021 18:52	WG1779123
Chloromethane	U		0.0290	0.500	1	11/23/2021 18:52	WG1779123
2-Chlorotoluene	U		0.0480	0.500	1	11/23/2021 18:52	WG1779123
4-Chlorotoluene	U		0.0550	0.500	1	11/23/2021 18:52	WG1779123
Dibromomethane	U		0.0700	0.500	1	11/23/2021 18:52	WG1779123
1,3-Dichlorobenzene	U		0.0360	0.500	1	11/23/2021 18:52	WG1779123
1,1-Dichloroethane	0.907		0.0240	0.500	1	11/23/2021 18:52	WG1779123
1,3-Dichloropropane	U		0.0230	0.500	1	11/23/2021 18:52	WG1779123
2,2-Dichloropropane	U		0.0680	0.500	1	11/23/2021 18:52	WG1779123
1,1-Dichloropropene	U		0.0450	0.500	1	11/23/2021 18:52	WG1779123
1,3-Dichloropropene	U		0.150	0.500	1	11/23/2021 18:52	WG1779123
1,1,1,2-Tetrachloroethane	U		0.0700	0.500	1	11/23/2021 18:52	WG1779123
1,1,2,2-Tetrachloroethane	U		0.0790	0.500	1	11/23/2021 18:52	WG1779123
1,2,3-Trichloropropane	U		0.0720	0.500	1	11/23/2021 18:52	WG1779123
Methyl tert-butyl ether	U		0.0530	0.500	1	11/23/2021 18:52	WG1779123
Naphthalene	U		0.110	0.500	1	11/23/2021 18:52	WG1779123
1,2-Dibromoethane	U		0.210	0.500	1	11/23/2021 18:52	WG1779123
Isopropylbenzene	U		0.0410	0.500	1	11/23/2021 18:52	WG1779123
1,2,4-Trimethylbenzene	U		0.0430	0.500	1	11/23/2021 18:52	WG1779123
1,3,5-Trimethylbenzene	U		0.0430	0.500	1	11/23/2021 18:52	WG1779123

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Volatile Organic Compounds (GC/MS) by Method 524.2/8260D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	U		0.0490	0.500	1	11/23/2021 19:15	WG1779123
Carbon tetrachloride	U		0.0660	0.500	1	11/23/2021 19:15	WG1779123
1,4-Dichlorobenzene	U		0.0310	0.500	1	11/23/2021 19:15	WG1779123
1,2-Dichloroethane	U		0.0498	0.500	1	11/23/2021 19:15	WG1779123
1,1-Dichloroethene	2.08		0.0540	0.500	1	11/23/2021 19:15	WG1779123
1,1,1-Trichloroethane	0.973		0.0490	0.500	1	11/23/2021 19:15	WG1779123
Trichloroethene	U		0.0440	0.500	1	11/23/2021 19:15	WG1779123
Vinyl chloride	U		0.0260	0.500	1	11/23/2021 19:15	WG1779123
1,2,4-Trichlorobenzene	U		0.0530	0.500	1	11/23/2021 19:15	WG1779123
cis-1,2-Dichloroethene	U		0.0640	0.500	1	11/23/2021 19:15	WG1779123
Xylenes, Total	U		0.340	0.500	1	11/23/2021 19:15	WG1779123
Methylene chloride	U		0.0608	0.500	1	11/23/2021 19:15	WG1779123
1,2-Dichlorobenzene	U		0.0410	0.500	1	11/23/2021 19:15	WG1779123
trans-1,2-Dichloroethene	U		0.100	0.500	1	11/23/2021 19:15	WG1779123
1,2-Dichloropropane	U		0.0270	0.500	1	11/23/2021 19:15	WG1779123
1,1,2-Trichloroethane	U		0.0701	0.500	1	11/23/2021 19:15	WG1779123
Tetrachloroethene	0.0892	J	0.0790	0.500	1	11/23/2021 19:15	WG1779123
Chlorobenzene	U		0.0370	0.500	1	11/23/2021 19:15	WG1779123
Toluene	U		0.412	0.500	1	11/23/2021 19:15	WG1779123
Ethylbenzene	U		0.0440	0.500	1	11/23/2021 19:15	WG1779123
Styrene	U		0.0360	0.500	1	11/23/2021 19:15	WG1779123
Bromobenzene	U		0.0490	0.500	1	11/23/2021 19:15	WG1779123
Bromodichloromethane	U		0.0810	0.500	1	11/23/2021 19:15	WG1779123
Bromoform	U		0.0800	0.500	1	11/23/2021 19:15	WG1779123
Bromomethane	U		0.0790	1.00	1	11/23/2021 19:15	WG1779123
Chlorodibromomethane	U		0.0930	0.500	1	11/23/2021 19:15	WG1779123
Chloroethane	U		0.190	0.500	1	11/23/2021 19:15	WG1779123
Chloroform	U		0.0800	0.500	1	11/23/2021 19:15	WG1779123
Chloromethane	U		0.0290	0.500	1	11/23/2021 19:15	WG1779123
2-Chlorotoluene	U		0.0480	0.500	1	11/23/2021 19:15	WG1779123
4-Chlorotoluene	U		0.0550	0.500	1	11/23/2021 19:15	WG1779123
Dibromomethane	U		0.0700	0.500	1	11/23/2021 19:15	WG1779123
1,3-Dichlorobenzene	U		0.0360	0.500	1	11/23/2021 19:15	WG1779123
1,1-Dichloroethane	1.13		0.0240	0.500	1	11/23/2021 19:15	WG1779123
1,3-Dichloropropane	U		0.0230	0.500	1	11/23/2021 19:15	WG1779123
2,2-Dichloropropane	U		0.0680	0.500	1	11/23/2021 19:15	WG1779123
1,1-Dichloropropene	U		0.0450	0.500	1	11/23/2021 19:15	WG1779123
1,3-Dichloropropene	U		0.150	0.500	1	11/23/2021 19:15	WG1779123
1,1,1,2-Tetrachloroethane	U		0.0700	0.500	1	11/23/2021 19:15	WG1779123
1,1,2,2-Tetrachloroethane	U		0.0790	0.500	1	11/23/2021 19:15	WG1779123
1,2,3-Trichloropropane	U		0.0720	0.500	1	11/23/2021 19:15	WG1779123
Methyl tert-butyl ether	U		0.0530	0.500	1	11/23/2021 19:15	WG1779123
Naphthalene	U		0.110	0.500	1	11/23/2021 19:15	WG1779123
1,2-Dibromoethane	U		0.210	0.500	1	11/23/2021 19:15	WG1779123
Isopropylbenzene	U		0.0410	0.500	1	11/23/2021 19:15	WG1779123
1,2,4-Trimethylbenzene	U		0.0430	0.500	1	11/23/2021 19:15	WG1779123
1,3,5-Trimethylbenzene	U		0.0430	0.500	1	11/23/2021 19:15	WG1779123

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Volatile Organic Compounds (GC/MS) by Method 524.2/8260D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	U		0.0490	0.500	1	11/23/2021 19:37	WG1779123
Carbon tetrachloride	U		0.0660	0.500	1	11/23/2021 19:37	WG1779123
1,4-Dichlorobenzene	U		0.0310	0.500	1	11/23/2021 19:37	WG1779123
1,2-Dichloroethane	U		0.0498	0.500	1	11/23/2021 19:37	WG1779123
1,1-Dichloroethene	U		0.0540	0.500	1	11/23/2021 19:37	WG1779123
1,1,1-Trichloroethane	U		0.0490	0.500	1	11/23/2021 19:37	WG1779123
Trichloroethene	U		0.0440	0.500	1	11/23/2021 19:37	WG1779123
Vinyl chloride	U		0.0260	0.500	1	11/23/2021 19:37	WG1779123
1,2,4-Trichlorobenzene	U		0.0530	0.500	1	11/23/2021 19:37	WG1779123
cis-1,2-Dichloroethene	U		0.0640	0.500	1	11/23/2021 19:37	WG1779123
Xylenes, Total	U		0.340	0.500	1	11/23/2021 19:37	WG1779123
Methylene chloride	U		0.0608	0.500	1	11/23/2021 19:37	WG1779123
1,2-Dichlorobenzene	U		0.0410	0.500	1	11/23/2021 19:37	WG1779123
trans-1,2-Dichloroethene	U		0.100	0.500	1	11/23/2021 19:37	WG1779123
1,2-Dichloropropane	U		0.0270	0.500	1	11/23/2021 19:37	WG1779123
1,1,2-Trichloroethane	U		0.0701	0.500	1	11/23/2021 19:37	WG1779123
Tetrachloroethene	U		0.0790	0.500	1	11/23/2021 19:37	WG1779123
Chlorobenzene	U		0.0370	0.500	1	11/23/2021 19:37	WG1779123
Toluene	U		0.412	0.500	1	11/23/2021 19:37	WG1779123
Ethylbenzene	U		0.0440	0.500	1	11/23/2021 19:37	WG1779123
Styrene	U		0.0360	0.500	1	11/23/2021 19:37	WG1779123
Bromobenzene	U		0.0490	0.500	1	11/23/2021 19:37	WG1779123
Bromodichloromethane	U		0.0810	0.500	1	11/23/2021 19:37	WG1779123
Bromoform	U		0.0800	0.500	1	11/23/2021 19:37	WG1779123
Bromomethane	U		0.0790	1.00	1	11/23/2021 19:37	WG1779123
Chlorodibromomethane	U		0.0930	0.500	1	11/23/2021 19:37	WG1779123
Chloroethane	U		0.190	0.500	1	11/23/2021 19:37	WG1779123
Chloroform	U		0.0800	0.500	1	11/23/2021 19:37	WG1779123
Chloromethane	U		0.0290	0.500	1	11/23/2021 19:37	WG1779123
2-Chlorotoluene	U		0.0480	0.500	1	11/23/2021 19:37	WG1779123
4-Chlorotoluene	U		0.0550	0.500	1	11/23/2021 19:37	WG1779123
Dibromomethane	U		0.0700	0.500	1	11/23/2021 19:37	WG1779123
1,3-Dichlorobenzene	U		0.0360	0.500	1	11/23/2021 19:37	WG1779123
1,1-Dichloroethane	U		0.0240	0.500	1	11/23/2021 19:37	WG1779123
1,3-Dichloropropane	U		0.0230	0.500	1	11/23/2021 19:37	WG1779123
2,2-Dichloropropane	U		0.0680	0.500	1	11/23/2021 19:37	WG1779123
1,1-Dichloropropene	U		0.0450	0.500	1	11/23/2021 19:37	WG1779123
1,3-Dichloropropene	U		0.150	0.500	1	11/23/2021 19:37	WG1779123
1,1,1,2-Tetrachloroethane	U		0.0700	0.500	1	11/23/2021 19:37	WG1779123
1,1,2,2-Tetrachloroethane	U		0.0790	0.500	1	11/23/2021 19:37	WG1779123
1,2,3-Trichloropropane	U		0.0720	0.500	1	11/23/2021 19:37	WG1779123
Methyl tert-butyl ether	U		0.0530	0.500	1	11/23/2021 19:37	WG1779123
Naphthalene	U		0.110	0.500	1	11/23/2021 19:37	WG1779123
1,2-Dibromoethane	U		0.210	0.500	1	11/23/2021 19:37	WG1779123
Isopropylbenzene	U		0.0410	0.500	1	11/23/2021 19:37	WG1779123
1,2,4-Trimethylbenzene	U		0.0430	0.500	1	11/23/2021 19:37	WG1779123
1,3,5-Trimethylbenzene	U		0.0430	0.500	1	11/23/2021 19:37	WG1779123

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc

Volatile Organic Compounds (GC/MS) by Method 524.2/8260D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	U		0.0490	0.500	1	11/23/2021 20:00	WG1779123
Carbon tetrachloride	U		0.0660	0.500	1	11/23/2021 20:00	WG1779123
1,4-Dichlorobenzene	U		0.0310	0.500	1	11/23/2021 20:00	WG1779123
1,2-Dichloroethane	U		0.0498	0.500	1	11/23/2021 20:00	WG1779123
1,1-Dichloroethene	0.141	J	0.0540	0.500	1	11/23/2021 20:00	WG1779123
1,1,1-Trichloroethane	U		0.0490	0.500	1	11/23/2021 20:00	WG1779123
Trichloroethene	U		0.0440	0.500	1	11/23/2021 20:00	WG1779123
Vinyl chloride	U		0.0260	0.500	1	11/23/2021 20:00	WG1779123
1,2,4-Trichlorobenzene	U		0.0530	0.500	1	11/23/2021 20:00	WG1779123
cis-1,2-Dichloroethene	U		0.0640	0.500	1	11/23/2021 20:00	WG1779123
Xylenes, Total	U		0.340	0.500	1	11/23/2021 20:00	WG1779123
Methylene chloride	U		0.0608	0.500	1	11/23/2021 20:00	WG1779123
1,2-Dichlorobenzene	U		0.0410	0.500	1	11/23/2021 20:00	WG1779123
trans-1,2-Dichloroethene	U		0.100	0.500	1	11/23/2021 20:00	WG1779123
1,2-Dichloropropane	U		0.0270	0.500	1	11/23/2021 20:00	WG1779123
1,1,2-Trichloroethane	U		0.0701	0.500	1	11/23/2021 20:00	WG1779123
Tetrachloroethene	U		0.0790	0.500	1	11/23/2021 20:00	WG1779123
Chlorobenzene	U		0.0370	0.500	1	11/23/2021 20:00	WG1779123
Toluene	U		0.412	0.500	1	11/23/2021 20:00	WG1779123
Ethylbenzene	U		0.0440	0.500	1	11/23/2021 20:00	WG1779123
Styrene	U		0.0360	0.500	1	11/23/2021 20:00	WG1779123
Bromobenzene	U		0.0490	0.500	1	11/23/2021 20:00	WG1779123
Bromodichloromethane	U		0.0810	0.500	1	11/23/2021 20:00	WG1779123
Bromoform	U		0.0800	0.500	1	11/23/2021 20:00	WG1779123
Bromomethane	U		0.0790	1.00	1	11/23/2021 20:00	WG1779123
Chlorodibromomethane	U		0.0930	0.500	1	11/23/2021 20:00	WG1779123
Chloroethane	U		0.190	0.500	1	11/23/2021 20:00	WG1779123
Chloroform	U		0.0800	0.500	1	11/23/2021 20:00	WG1779123
Chloromethane	U		0.0290	0.500	1	11/23/2021 20:00	WG1779123
2-Chlorotoluene	U		0.0480	0.500	1	11/23/2021 20:00	WG1779123
4-Chlorotoluene	U		0.0550	0.500	1	11/23/2021 20:00	WG1779123
Dibromomethane	U		0.0700	0.500	1	11/23/2021 20:00	WG1779123
1,3-Dichlorobenzene	U		0.0360	0.500	1	11/23/2021 20:00	WG1779123
1,1-Dichloroethane	0.197	J	0.0240	0.500	1	11/23/2021 20:00	WG1779123
1,3-Dichloropropane	U		0.0230	0.500	1	11/23/2021 20:00	WG1779123
2,2-Dichloropropane	U		0.0680	0.500	1	11/23/2021 20:00	WG1779123
1,1-Dichloropropene	U		0.0450	0.500	1	11/23/2021 20:00	WG1779123
1,3-Dichloropropene	U		0.150	0.500	1	11/23/2021 20:00	WG1779123
1,1,1,2-Tetrachloroethane	U		0.0700	0.500	1	11/23/2021 20:00	WG1779123
1,1,2,2-Tetrachloroethane	U		0.0790	0.500	1	11/23/2021 20:00	WG1779123
1,2,3-Trichloropropane	U		0.0720	0.500	1	11/23/2021 20:00	WG1779123
Methyl tert-butyl ether	U		0.0530	0.500	1	11/23/2021 20:00	WG1779123
Naphthalene	U		0.110	0.500	1	11/23/2021 20:00	WG1779123
1,2-Dibromoethane	U		0.210	0.500	1	11/23/2021 20:00	WG1779123
Isopropylbenzene	U		0.0410	0.500	1	11/23/2021 20:00	WG1779123
1,2,4-Trimethylbenzene	U		0.0430	0.500	1	11/23/2021 20:00	WG1779123
1,3,5-Trimethylbenzene	U		0.0430	0.500	1	11/23/2021 20:00	WG1779123

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

WELL A (F)

Collected date/time: 11/15/21 15:20

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Volatile Organic Compounds (GC/MS) by Method 524.2/8260D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	U		0.0490	0.500	1	11/23/2021 20:23	WG1779123
Carbon tetrachloride	U		0.0660	0.500	1	11/23/2021 20:23	WG1779123
1,4-Dichlorobenzene	U		0.0310	0.500	1	11/23/2021 20:23	WG1779123
1,2-Dichloroethane	U		0.0498	0.500	1	11/23/2021 20:23	WG1779123
1,1-Dichloroethene	4.30		0.0540	0.500	1	11/23/2021 20:23	WG1779123
1,1,1-Trichloroethane	2.14		0.0490	0.500	1	11/23/2021 20:23	WG1779123
Trichloroethene	0.0821	J	0.0440	0.500	1	11/23/2021 20:23	WG1779123
Vinyl chloride	U		0.0260	0.500	1	11/23/2021 20:23	WG1779123
1,2,4-Trichlorobenzene	U		0.0530	0.500	1	11/23/2021 20:23	WG1779123
cis-1,2-Dichloroethene	U		0.0640	0.500	1	11/23/2021 20:23	WG1779123
Xylenes, Total	U		0.340	0.500	1	11/23/2021 20:23	WG1779123
Methylene chloride	U		0.0608	0.500	1	11/23/2021 20:23	WG1779123
1,2-Dichlorobenzene	U		0.0410	0.500	1	11/23/2021 20:23	WG1779123
trans-1,2-Dichloroethene	U		0.100	0.500	1	11/23/2021 20:23	WG1779123
1,2-Dichloropropane	U		0.0270	0.500	1	11/23/2021 20:23	WG1779123
1,1,2-Trichloroethane	U		0.0701	0.500	1	11/23/2021 20:23	WG1779123
Tetrachloroethene	0.286	J	0.0790	0.500	1	11/23/2021 20:23	WG1779123
Chlorobenzene	U		0.0370	0.500	1	11/23/2021 20:23	WG1779123
Toluene	U		0.412	0.500	1	11/23/2021 20:23	WG1779123
Ethylbenzene	U		0.0440	0.500	1	11/23/2021 20:23	WG1779123
Styrene	U		0.0360	0.500	1	11/23/2021 20:23	WG1779123
Bromobenzene	U		0.0490	0.500	1	11/23/2021 20:23	WG1779123
Bromodichloromethane	U		0.0810	0.500	1	11/23/2021 20:23	WG1779123
Bromoform	U		0.0800	0.500	1	11/23/2021 20:23	WG1779123
Bromomethane	U		0.0790	1.00	1	11/23/2021 20:23	WG1779123
Chlorodibromomethane	U		0.0930	0.500	1	11/23/2021 20:23	WG1779123
Chloroethane	U		0.190	0.500	1	11/23/2021 20:23	WG1779123
Chloroform	U		0.0800	0.500	1	11/23/2021 20:23	WG1779123
Chloromethane	U		0.0290	0.500	1	11/23/2021 20:23	WG1779123
2-Chlorotoluene	U		0.0480	0.500	1	11/23/2021 20:23	WG1779123
4-Chlorotoluene	U		0.0550	0.500	1	11/23/2021 20:23	WG1779123
Dibromomethane	U		0.0700	0.500	1	11/23/2021 20:23	WG1779123
1,3-Dichlorobenzene	U		0.0360	0.500	1	11/23/2021 20:23	WG1779123
1,1-Dichloroethane	1.78		0.0240	0.500	1	11/23/2021 20:23	WG1779123
1,3-Dichloropropane	U		0.0230	0.500	1	11/23/2021 20:23	WG1779123
2,2-Dichloropropane	U		0.0680	0.500	1	11/23/2021 20:23	WG1779123
1,1-Dichloropropene	U		0.0450	0.500	1	11/23/2021 20:23	WG1779123
1,3-Dichloropropene	U		0.150	0.500	1	11/23/2021 20:23	WG1779123
1,1,1,2-Tetrachloroethane	U		0.0700	0.500	1	11/23/2021 20:23	WG1779123
1,1,2,2-Tetrachloroethane	U		0.0790	0.500	1	11/23/2021 20:23	WG1779123
1,2,3-Trichloropropane	U		0.0720	0.500	1	11/23/2021 20:23	WG1779123
Methyl tert-butyl ether	U		0.0530	0.500	1	11/23/2021 20:23	WG1779123
Naphthalene	U		0.110	0.500	1	11/23/2021 20:23	WG1779123
1,2-Dibromoethane	U		0.210	0.500	1	11/23/2021 20:23	WG1779123
Isopropylbenzene	U		0.0410	0.500	1	11/23/2021 20:23	WG1779123
1,2,4-Trimethylbenzene	U		0.0430	0.500	1	11/23/2021 20:23	WG1779123
1,3,5-Trimethylbenzene	U		0.0430	0.500	1	11/23/2021 20:23	WG1779123

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc

ACCOUNT:

Oregon Dept. of Env. Quality - ODEQ

PROJECT:

QTIME #25265

SDG:

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DATE/TIME:

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DUP1 WELL A

Collected date/time: 11/15/21 12:00

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Volatile Organic Compounds (GC/MS) by Method 524.2/8260D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	U		0.0490	0.500	1	11/29/2021 13:04	WG1781028
Carbon tetrachloride	U		0.0660	0.500	1	11/29/2021 13:04	WG1781028
1,4-Dichlorobenzene	U		0.0310	0.500	1	11/29/2021 13:04	WG1781028
1,2-Dichloroethane	U		0.0498	0.500	1	11/29/2021 13:04	WG1781028
1,1-Dichloroethene	3.28		0.0540	0.500	1	11/29/2021 13:04	WG1781028
1,1,1-Trichloroethane	1.75		0.0490	0.500	1	11/29/2021 13:04	WG1781028
Trichloroethene	U		0.0440	0.500	1	11/29/2021 13:04	WG1781028
Vinyl chloride	U		0.0260	0.500	1	11/29/2021 13:04	WG1781028
1,2,4-Trichlorobenzene	U		0.0530	0.500	1	11/29/2021 13:04	WG1781028
cis-1,2-Dichloroethene	U		0.0640	0.500	1	11/29/2021 13:04	WG1781028
Xylenes, Total	U		0.340	0.500	1	11/29/2021 13:04	WG1781028
Methylene chloride	U		0.0608	0.500	1	11/29/2021 13:04	WG1781028
1,2-Dichlorobenzene	U		0.0410	0.500	1	11/29/2021 13:04	WG1781028
trans-1,2-Dichloroethene	U		0.100	0.500	1	11/29/2021 13:04	WG1781028
1,2-Dichloropropane	U		0.0270	0.500	1	11/29/2021 13:04	WG1781028
1,1,2-Trichloroethane	U		0.0701	0.500	1	11/29/2021 13:04	WG1781028
Tetrachloroethene	0.255	J	0.0790	0.500	1	11/29/2021 13:04	WG1781028
Chlorobenzene	U		0.0370	0.500	1	11/29/2021 13:04	WG1781028
Toluene	U		0.412	0.500	1	11/29/2021 13:04	WG1781028
Ethylbenzene	U		0.0440	0.500	1	11/29/2021 13:04	WG1781028
Styrene	U		0.0360	0.500	1	11/29/2021 13:04	WG1781028
Bromobenzene	U		0.0490	0.500	1	11/29/2021 13:04	WG1781028
Bromodichloromethane	U		0.0810	0.500	1	11/29/2021 13:04	WG1781028
Bromoform	U		0.0800	0.500	1	11/29/2021 13:04	WG1781028
Bromomethane	U		0.0790	1.00	1	11/29/2021 13:04	WG1781028
Chlorodibromomethane	U		0.0930	0.500	1	11/29/2021 13:04	WG1781028
Chloroethane	U		0.190	0.500	1	11/29/2021 13:04	WG1781028
Chloroform	U		0.0800	0.500	1	11/29/2021 13:04	WG1781028
Chloromethane	U		0.0290	0.500	1	11/29/2021 13:04	WG1781028
2-Chlorotoluene	U		0.0480	0.500	1	11/29/2021 13:04	WG1781028
4-Chlorotoluene	U		0.0550	0.500	1	11/29/2021 13:04	WG1781028
Dibromomethane	U		0.0700	0.500	1	11/29/2021 13:04	WG1781028
1,3-Dichlorobenzene	U		0.0360	0.500	1	11/29/2021 13:04	WG1781028
1,1-Dichloroethane	1.55		0.0240	0.500	1	11/29/2021 13:04	WG1781028
1,3-Dichloropropane	U		0.0230	0.500	1	11/29/2021 13:04	WG1781028
2,2-Dichloropropane	U		0.0680	0.500	1	11/29/2021 13:04	WG1781028
1,1-Dichloropropene	U		0.0450	0.500	1	11/29/2021 13:04	WG1781028
1,3-Dichloropropene	U		0.150	0.500	1	11/29/2021 13:04	WG1781028
1,1,1,2-Tetrachloroethane	U		0.0700	0.500	1	11/29/2021 13:04	WG1781028
1,1,2,2-Tetrachloroethane	U		0.0790	0.500	1	11/29/2021 13:04	WG1781028
1,2,3-Trichloropropane	U		0.0720	0.500	1	11/29/2021 13:04	WG1781028
Methyl tert-butyl ether	U		0.0530	0.500	1	11/29/2021 13:04	WG1781028
Naphthalene	U		0.110	0.500	1	11/29/2021 13:04	WG1781028
1,2-Dibromoethane	U		0.210	0.500	1	11/29/2021 13:04	WG1781028
Isopropylbenzene	U		0.0410	0.500	1	11/29/2021 13:04	WG1781028
1,2,4-Trimethylbenzene	U		0.0430	0.500	1	11/29/2021 13:04	WG1781028
1,3,5-Trimethylbenzene	U		0.0430	0.500	1	11/29/2021 13:04	WG1781028

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

ACCOUNT:

Oregon Dept. of Env. Quality - ODEQ

PROJECT:

QTIME #25265

SDG:

L1433171

DATE/TIME:

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Collected date/time: 11/15/21 10:00

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Volatile Organic Compounds (GC/MS) by Method 524.2/8260D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	U		0.0490	0.500	1	11/23/2021 13:34	WG1779123
Carbon tetrachloride	U		0.0660	0.500	1	11/23/2021 13:34	WG1779123
1,4-Dichlorobenzene	U		0.0310	0.500	1	11/23/2021 13:34	WG1779123
1,2-Dichloroethane	U		0.0498	0.500	1	11/23/2021 13:34	WG1779123
1,1-Dichloroethene	U		0.0540	0.500	1	11/23/2021 13:34	WG1779123
1,1,1-Trichloroethane	U		0.0490	0.500	1	11/23/2021 13:34	WG1779123
Trichloroethene	U		0.0440	0.500	1	11/23/2021 13:34	WG1779123
Vinyl chloride	U		0.0260	0.500	1	11/23/2021 13:34	WG1779123
1,2,4-Trichlorobenzene	U		0.0530	0.500	1	11/23/2021 13:34	WG1779123
cis-1,2-Dichloroethene	U		0.0640	0.500	1	11/23/2021 13:34	WG1779123
Xylenes, Total	U		0.340	0.500	1	11/23/2021 13:34	WG1779123
Methylene chloride	U		0.0608	0.500	1	11/23/2021 13:34	WG1779123
1,2-Dichlorobenzene	U		0.0410	0.500	1	11/23/2021 13:34	WG1779123
trans-1,2-Dichloroethene	U		0.100	0.500	1	11/23/2021 13:34	WG1779123
1,2-Dichloropropane	U		0.0270	0.500	1	11/23/2021 13:34	WG1779123
1,1,2-Trichloroethane	U		0.0701	0.500	1	11/23/2021 13:34	WG1779123
Tetrachloroethene	U		0.0790	0.500	1	11/23/2021 13:34	WG1779123
Chlorobenzene	U		0.0370	0.500	1	11/23/2021 13:34	WG1779123
Toluene	U		0.412	0.500	1	11/23/2021 13:34	WG1779123
Ethylbenzene	U		0.0440	0.500	1	11/23/2021 13:34	WG1779123
Styrene	U		0.0360	0.500	1	11/23/2021 13:34	WG1779123
Bromobenzene	U		0.0490	0.500	1	11/23/2021 13:34	WG1779123
Bromodichloromethane	U		0.0810	0.500	1	11/23/2021 13:34	WG1779123
Bromoform	U		0.0800	0.500	1	11/23/2021 13:34	WG1779123
Bromomethane	U		0.0790	1.00	1	11/23/2021 13:34	WG1779123
Chlorodibromomethane	U		0.0930	0.500	1	11/23/2021 13:34	WG1779123
Chloroethane	U		0.190	0.500	1	11/23/2021 13:34	WG1779123
Chloroform	U		0.0800	0.500	1	11/23/2021 13:34	WG1779123
Chloromethane	U		0.0290	0.500	1	11/23/2021 13:34	WG1779123
2-Chlorotoluene	U		0.0480	0.500	1	11/23/2021 13:34	WG1779123
4-Chlorotoluene	U		0.0550	0.500	1	11/23/2021 13:34	WG1779123
Dibromomethane	U		0.0700	0.500	1	11/23/2021 13:34	WG1779123
1,3-Dichlorobenzene	U		0.0360	0.500	1	11/23/2021 13:34	WG1779123
1,1-Dichloroethane	U		0.0240	0.500	1	11/23/2021 13:34	WG1779123
1,3-Dichloropropane	U		0.0230	0.500	1	11/23/2021 13:34	WG1779123
2,2-Dichloropropane	U		0.0680	0.500	1	11/23/2021 13:34	WG1779123
1,1-Dichloropropene	U		0.0450	0.500	1	11/23/2021 13:34	WG1779123
1,3-Dichloropropene	U		0.150	0.500	1	11/23/2021 13:34	WG1779123
1,1,1,2-Tetrachloroethane	U		0.0700	0.500	1	11/23/2021 13:34	WG1779123
1,1,2,2-Tetrachloroethane	U		0.0790	0.500	1	11/23/2021 13:34	WG1779123
1,2,3-Trichloropropane	U		0.0720	0.500	1	11/23/2021 13:34	WG1779123
Methyl tert-butyl ether	U		0.0530	0.500	1	11/23/2021 13:34	WG1779123
Naphthalene	U		0.110	0.500	1	11/23/2021 13:34	WG1779123
1,2-Dibromoethane	U		0.210	0.500	1	11/23/2021 13:34	WG1779123
Isopropylbenzene	U		0.0410	0.500	1	11/23/2021 13:34	WG1779123
1,2,4-Trimethylbenzene	U		0.0430	0.500	1	11/23/2021 13:34	WG1779123
1,3,5-Trimethylbenzene	U		0.0430	0.500	1	11/23/2021 13:34	WG1779123

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc

ACCOUNT:

Oregon Dept. of Env. Quality - ODEQ

PROJECT:

QTIME #25265

SDG:

L1433171

DATE/TIME:

11/30/21 10:22

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WELL A

Collected date/time: 11/15/21 15:30

SAMPLE RESULTS - 15

L1433171

Volatile Organic Compounds (GC/MS) by Method 524.2/8260D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	U		0.0490	0.500	1	11/23/2021 13:57	WG1779123
Carbon tetrachloride	U		0.0660	0.500	1	11/23/2021 13:57	WG1779123
1,4-Dichlorobenzene	U		0.0310	0.500	1	11/23/2021 13:57	WG1779123
1,2-Dichloroethane	U		0.0498	0.500	1	11/23/2021 13:57	WG1779123
1,1-Dichloroethene	3.55		0.0540	0.500	1	11/23/2021 13:57	WG1779123
1,1,1-Trichloroethane	1.78		0.0490	0.500	1	11/23/2021 13:57	WG1779123
Trichloroethene	0.0864	J	0.0440	0.500	1	11/23/2021 13:57	WG1779123
Vinyl chloride	U		0.0260	0.500	1	11/23/2021 13:57	WG1779123
1,2,4-Trichlorobenzene	U		0.0530	0.500	1	11/23/2021 13:57	WG1779123
cis-1,2-Dichloroethene	U		0.0640	0.500	1	11/23/2021 13:57	WG1779123
Xylenes, Total	U		0.340	0.500	1	11/23/2021 13:57	WG1779123
Methylene chloride	U		0.0608	0.500	1	11/23/2021 13:57	WG1779123
1,2-Dichlorobenzene	U		0.0410	0.500	1	11/23/2021 13:57	WG1779123
trans-1,2-Dichloroethene	U		0.100	0.500	1	11/23/2021 13:57	WG1779123
1,2-Dichloropropane	U		0.0270	0.500	1	11/23/2021 13:57	WG1779123
1,1,2-Trichloroethane	U		0.0701	0.500	1	11/23/2021 13:57	WG1779123
Tetrachloroethene	0.250	J	0.0790	0.500	1	11/23/2021 13:57	WG1779123
Chlorobenzene	U		0.0370	0.500	1	11/23/2021 13:57	WG1779123
Toluene	U		0.412	0.500	1	11/23/2021 13:57	WG1779123
Ethylbenzene	U		0.0440	0.500	1	11/23/2021 13:57	WG1779123
Styrene	U		0.0360	0.500	1	11/23/2021 13:57	WG1779123
Bromobenzene	U		0.0490	0.500	1	11/23/2021 13:57	WG1779123
Bromodichloromethane	U		0.0810	0.500	1	11/23/2021 13:57	WG1779123
Bromoform	U		0.0800	0.500	1	11/23/2021 13:57	WG1779123
Bromomethane	U		0.0790	1.00	1	11/23/2021 13:57	WG1779123
Chlorodibromomethane	U		0.0930	0.500	1	11/23/2021 13:57	WG1779123
Chloroethane	U		0.190	0.500	1	11/23/2021 13:57	WG1779123
Chloroform	U		0.0800	0.500	1	11/23/2021 13:57	WG1779123
Chloromethane	U		0.0290	0.500	1	11/23/2021 13:57	WG1779123
2-Chlorotoluene	U		0.0480	0.500	1	11/23/2021 13:57	WG1779123
4-Chlorotoluene	U		0.0550	0.500	1	11/23/2021 13:57	WG1779123
Dibromomethane	U		0.0700	0.500	1	11/23/2021 13:57	WG1779123
1,3-Dichlorobenzene	U		0.0360	0.500	1	11/23/2021 13:57	WG1779123
1,1-Dichloroethane	1.61		0.0240	0.500	1	11/23/2021 13:57	WG1779123
1,3-Dichloropropane	U		0.0230	0.500	1	11/23/2021 13:57	WG1779123
2,2-Dichloropropane	U		0.0680	0.500	1	11/23/2021 13:57	WG1779123
1,1-Dichloropropene	U		0.0450	0.500	1	11/23/2021 13:57	WG1779123
1,3-Dichloropropene	U		0.150	0.500	1	11/23/2021 13:57	WG1779123
1,1,1,2-Tetrachloroethane	U		0.0700	0.500	1	11/23/2021 13:57	WG1779123
1,1,2,2-Tetrachloroethane	U		0.0790	0.500	1	11/23/2021 13:57	WG1779123
1,2,3-Trichloropropane	U		0.0720	0.500	1	11/23/2021 13:57	WG1779123
Methyl tert-butyl ether	U		0.0530	0.500	1	11/23/2021 13:57	WG1779123
Naphthalene	U		0.110	0.500	1	11/23/2021 13:57	WG1779123
1,2-Dibromoethane	U		0.210	0.500	1	11/23/2021 13:57	WG1779123
Isopropylbenzene	U		0.0410	0.500	1	11/23/2021 13:57	WG1779123
1,2,4-Trimethylbenzene	U		0.0430	0.500	1	11/23/2021 13:57	WG1779123
1,3,5-Trimethylbenzene	U		0.0430	0.500	1	11/23/2021 13:57	WG1779123

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc

ACCOUNT:

Oregon Dept. of Env. Quality - ODEQ

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QTIME #25265

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L1433171

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Method Blank (MB)

(MB) R3734388-2 11/23/21 11:27

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Benzene	U		0.0490	0.500
Carbon tetrachloride	U		0.0660	0.500
1,4-Dichlorobenzene	U		0.0310	0.500
1,2-Dichloroethane	U		0.0498	0.500
1,1-Dichloroethene	U		0.0540	0.500
1,1,1-Trichloroethane	U		0.0490	0.500
Trichloroethene	U		0.0440	0.500
Vinyl chloride	U		0.0260	0.500
1,2,4-Trichlorobenzene	U		0.0530	0.500
cis-1,2-Dichloroethene	U		0.0640	0.500
Xylenes, Total	U		0.340	0.500
Methylene chloride	0.301	U	0.0608	0.500
1,2-Dichlorobenzene	U		0.0410	0.500
trans-1,2-Dichloroethene	U		0.100	0.500
1,2-Dichloropropane	U		0.0270	0.500
1,1,2-Trichloroethane	U		0.0701	0.500
Tetrachloroethene	U		0.0790	0.500
Chlorobenzene	U		0.0370	0.500
Toluene	U		0.412	0.500
Ethylbenzene	U		0.0440	0.500
Styrene	U		0.0360	0.500
Bromobenzene	U		0.0490	0.500
Bromodichloromethane	U		0.0810	0.500
Bromoform	U		0.0800	0.500
Bromomethane	U		0.0790	1.00
Chlorodibromomethane	U		0.0930	0.500
Chloroethane	U		0.190	0.500
Chloroform	U		0.0800	0.500
Chloromethane	U		0.0290	0.500
2-Chlorotoluene	U		0.0480	0.500
4-Chlorotoluene	U		0.0550	0.500
Dibromomethane	U		0.0700	0.500
1,3-Dichlorobenzene	U		0.0360	0.500
1,1-Dichloroethane	U		0.0240	0.500
1,3-Dichloropropane	U		0.0230	0.500
2,2-Dichloropropane	U		0.0680	0.500
1,1-Dichloropropene	U		0.0450	0.500
1,3-Dichloropropene	U		0.150	0.500
1,1,1,2-Tetrachloroethane	U		0.0700	0.500
1,1,2,2-Tetrachloroethane	U		0.0790	0.500

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Method Blank (MB)

(MB) R3734388-2 11/23/21 11:27

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
1,2,3-Trichloropropane	U		0.0720	0.500
1,2,4-Trimethylbenzene	U		0.0430	0.500
1,3,5-Trimethylbenzene	U		0.0430	0.500
Naphthalene	U		0.110	0.500
Methyl tert-butyl ether	U		0.0530	0.500
Isopropylbenzene	U		0.0410	0.500
1,2-Dibromoethane	U		0.210	0.500

Laboratory Control Sample (LCS)

(LCS) R3734388-1 11/23/21 09:33

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Benzene	5.00	5.05	101	70.0-130	
Carbon tetrachloride	5.00	5.02	100	70.0-130	
1,4-Dichlorobenzene	5.00	4.63	92.6	70.0-130	
1,2-Dichloroethane	5.00	5.44	109	70.0-130	
1,1-Dichloroethene	5.00	5.06	101	70.0-130	
1,1,1-Trichloroethane	5.00	5.13	103	70.0-130	
Trichloroethene	5.00	4.84	96.8	70.0-130	
Vinyl chloride	5.00	4.71	94.2	70.0-130	
1,2,4-Trichlorobenzene	5.00	5.15	103	70.0-130	
cis-1,2-Dichloroethene	5.00	4.90	98.0	70.0-130	
Xylenes, Total	15.0	14.5	96.7	70.0-130	
Methylene chloride	5.00	5.80	116	70.0-130	
1,2-Dichlorobenzene	5.00	4.57	91.4	70.0-130	
trans-1,2-Dichloroethene	5.00	5.07	101	70.0-130	
1,2-Dichloropropane	5.00	5.76	115	70.0-130	
1,1,2-Trichloroethane	5.00	4.93	98.6	70.0-130	
Tetrachloroethene	5.00	4.98	99.6	70.0-130	
Chlorobenzene	5.00	4.72	94.4	70.0-130	
Toluene	5.00	5.07	101	70.0-130	
Ethylbenzene	5.00	5.02	100	70.0-130	
Styrene	5.00	5.03	101	70.0-130	
Bromobenzene	5.00	5.02	100	70.0-130	
Bromodichloromethane	5.00	5.20	104	70.0-130	
Bromoform	5.00	5.35	107	70.0-130	
Bromomethane	5.00	3.53	70.6	70.0-130	
Chlorodibromomethane	5.00	5.12	102	70.0-130	

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Laboratory Control Sample (LCS)

(LCS) R3734388-1 11/23/21 09:33

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	<u>LCS Qualifier</u>
Chloroethane	5.00	4.20	84.0	70.0-130	
Chloroform	5.00	5.01	100	70.0-130	
Chloromethane	5.00	6.02	120	70.0-130	
2-Chlorotoluene	5.00	4.96	99.2	70.0-130	
4-Chlorotoluene	5.00	4.96	99.2	70.0-130	
Dibromomethane	5.00	4.73	94.6	70.0-130	
1,3-Dichlorobenzene	5.00	4.55	91.0	70.0-130	
1,1-Dichloroethane	5.00	5.77	115	70.0-130	
1,3-Dichloropropane	5.00	5.10	102	70.0-130	
2,2-Dichloropropane	5.00	5.29	106	70.0-130	
1,1-Dichloropropene	5.00	4.81	96.2	70.0-130	
1,3-Dichloropropene	10.0	10.7	107	70.0-130	
1,1,1,2-Tetrachloroethane	5.00	4.67	93.4	70.0-130	
1,1,2,2-Tetrachloroethane	5.00	4.84	96.8	70.0-130	
1,2,3-Trichloropropane	5.00	4.84	96.8	70.0-130	
1,2,4-Trimethylbenzene	5.00	5.08	102	70.0-130	
1,3,5-Trimethylbenzene	5.00	5.02	100	70.0-130	
Naphthalene	5.00	4.75	95.0	70.0-130	
Methyl tert-butyl ether	5.00	5.11	102	70.0-130	
Isopropylbenzene	5.00	4.84	96.8	70.0-130	
1,2-Dibromoethane	5.00	4.70	94.0	70.0-130	

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Method Blank (MB)

(MB) R3734955-2 11/29/21 12:13

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Benzene	U		0.0490	0.500
Carbon tetrachloride	U		0.0660	0.500
1,4-Dichlorobenzene	U		0.0310	0.500
1,2-Dichloroethane	U		0.0498	0.500
1,1-Dichloroethene	U		0.0540	0.500
1,1,1-Trichloroethane	U		0.0490	0.500
Trichloroethene	U		0.0440	0.500
Vinyl chloride	U		0.0260	0.500
1,2,4-Trichlorobenzene	U		0.0530	0.500
cis-1,2-Dichloroethene	U		0.0640	0.500
Xylenes, Total	U		0.340	0.500
Methylene chloride	U		0.0608	0.500
1,2-Dichlorobenzene	U		0.0410	0.500
trans-1,2-Dichloroethene	U		0.100	0.500
1,2-Dichloropropane	U		0.0270	0.500
1,1,2-Trichloroethane	U		0.0701	0.500
Tetrachloroethene	U		0.0790	0.500
Chlorobenzene	U		0.0370	0.500
Toluene	U		0.412	0.500
Ethylbenzene	U		0.0440	0.500
Styrene	U		0.0360	0.500
Bromobenzene	U		0.0490	0.500
Bromodichloromethane	U		0.0810	0.500
Bromoform	U		0.0800	0.500
Bromomethane	U		0.0790	1.00
Chlorodibromomethane	U		0.0930	0.500
Chloroethane	U		0.190	0.500
Chloroform	U		0.0800	0.500
Chloromethane	U		0.0290	0.500
2-Chlorotoluene	U		0.0480	0.500
4-Chlorotoluene	U		0.0550	0.500
Dibromomethane	U		0.0700	0.500
1,3-Dichlorobenzene	U		0.0360	0.500
1,1-Dichloroethane	U		0.0240	0.500
1,3-Dichloropropane	U		0.0230	0.500
2,2-Dichloropropane	U		0.0680	0.500
1,1-Dichloropropene	U		0.0450	0.500
1,3-Dichloropropene	U		0.150	0.500
1,1,1,2-Tetrachloroethane	U		0.0700	0.500
1,1,2,2-Tetrachloroethane	U		0.0790	0.500

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Method Blank (MB)

(MB) R3734955-2 11/29/21 12:13

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
1,2,3-Trichloropropane	U		0.0720	0.500
1,2,4-Trimethylbenzene	U		0.0430	0.500
1,3,5-Trimethylbenzene	U		0.0430	0.500
Naphthalene	U		0.110	0.500
Methyl tert-butyl ether	U		0.0530	0.500
Isopropylbenzene	U		0.0410	0.500
1,2-Dibromoethane	U		0.210	0.500

Laboratory Control Sample (LCS)

(LCS) R3734955-1 11/29/21 11:50

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Benzene	5.00	4.78	95.6	70.0-130	
Carbon tetrachloride	5.00	4.94	98.8	70.0-130	
1,4-Dichlorobenzene	5.00	4.44	88.8	70.0-130	
1,2-Dichloroethane	5.00	5.35	107	70.0-130	
1,1-Dichloroethene	5.00	4.71	94.2	70.0-130	
1,1,1-Trichloroethane	5.00	5.07	101	70.0-130	
Trichloroethene	5.00	4.82	96.4	70.0-130	
Vinyl chloride	5.00	4.53	90.6	70.0-130	
1,2,4-Trichlorobenzene	5.00	5.24	105	70.0-130	
cis-1,2-Dichloroethene	5.00	4.79	95.8	70.0-130	
Xylenes, Total	15.0	14.0	93.3	70.0-130	
Methylene chloride	5.00	4.86	97.2	70.0-130	
1,2-Dichlorobenzene	5.00	4.43	88.6	70.0-130	
trans-1,2-Dichloroethene	5.00	4.92	98.4	70.0-130	
1,2-Dichloropropane	5.00	5.83	117	70.0-130	
1,1,2-Trichloroethane	5.00	4.72	94.4	70.0-130	
Tetrachloroethene	5.00	4.89	97.8	70.0-130	
Chlorobenzene	5.00	4.63	92.6	70.0-130	
Toluene	5.00	4.85	97.0	70.0-130	
Ethylbenzene	5.00	4.92	98.4	70.0-130	
Styrene	5.00	4.79	95.8	70.0-130	
Bromobenzene	5.00	4.81	96.2	70.0-130	
Bromodichloromethane	5.00	4.90	98.0	70.0-130	
Bromoform	5.00	5.32	106	70.0-130	
Bromomethane	5.00	3.84	76.8	70.0-130	
Chlorodibromomethane	5.00	4.94	98.8	70.0-130	

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Laboratory Control Sample (LCS)

(LCS) R3734955-1 11/29/21 11:50

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	<u>LCS Qualifier</u>
Chloroethane	5.00	3.69	73.8	70.0-130	
Chloroform	5.00	4.94	98.8	70.0-130	
Chloromethane	5.00	5.48	110	70.0-130	
2-Chlorotoluene	5.00	4.82	96.4	70.0-130	
4-Chlorotoluene	5.00	4.89	97.8	70.0-130	
Dibromomethane	5.00	4.69	93.8	70.0-130	
1,3-Dichlorobenzene	5.00	4.50	90.0	70.0-130	
1,1-Dichloroethane	5.00	5.48	110	70.0-130	
1,3-Dichloropropane	5.00	4.82	96.4	70.0-130	
2,2-Dichloropropane	5.00	5.22	104	70.0-130	
1,1-Dichloropropene	5.00	4.70	94.0	70.0-130	
1,3-Dichloropropene	10.0	10.6	106	70.0-130	
1,1,1,2-Tetrachloroethane	5.00	4.59	91.8	70.0-130	
1,1,2,2-Tetrachloroethane	5.00	4.30	86.0	70.0-130	
1,2,3-Trichloropropane	5.00	4.41	88.2	70.0-130	
1,2,4-Trimethylbenzene	5.00	5.03	101	70.0-130	
1,3,5-Trimethylbenzene	5.00	4.86	97.2	70.0-130	
Naphthalene	5.00	4.70	94.0	70.0-130	
Methyl tert-butyl ether	5.00	5.15	103	70.0-130	
Isopropylbenzene	5.00	4.65	93.0	70.0-130	
1,2-Dibromoethane	5.00	4.59	91.8	70.0-130	

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Method Blank (MB)

(MB) R3734511-3 11/24/21 23:36

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Acetone	U		11.3	50.0
Acrolein	U		2.54	50.0
Acrylonitrile	U		0.671	10.0
Benzene	U		0.0941	1.00
Bromobenzene	U		0.118	1.00
Bromodichloromethane	U		0.136	1.00
Bromoform	U		0.129	1.00
Bromomethane	U		0.605	5.00
n-Butylbenzene	U		0.157	1.00
sec-Butylbenzene	U		0.125	1.00
tert-Butylbenzene	U		0.127	1.00
Carbon disulfide	U		0.0962	1.00
Carbon tetrachloride	U		0.128	1.00
Chlorobenzene	U		0.116	1.00
Chlorodibromomethane	U		0.140	1.00
Chloroethane	U		0.192	5.00
Chloroform	U		0.111	5.00
Chloromethane	U		0.960	2.50
2-Chlorotoluene	U		0.106	1.00
4-Chlorotoluene	U		0.114	1.00
1,2-Dibromo-3-Chloropropane	U		0.276	5.00
1,2-Dibromoethane	U		0.126	1.00
Dibromomethane	U		0.122	1.00
1,2-Dichlorobenzene	U		0.107	1.00
1,3-Dichlorobenzene	U		0.110	1.00
1,4-Dichlorobenzene	U		0.120	1.00
Dichlorodifluoromethane	U		0.374	5.00
1,1-Dichloroethane	U		0.100	1.00
1,2-Dichloroethane	U		0.0819	1.00
1,1-Dichloroethene	U		0.188	1.00
cis-1,2-Dichloroethene	U		0.126	1.00
trans-1,2-Dichloroethene	U		0.149	1.00
1,2-Dichloropropane	U		0.149	1.00
1,1-Dichloropropene	U		0.142	1.00
1,3-Dichloropropane	U		0.110	1.00
cis-1,3-Dichloropropene	U		0.111	1.00
trans-1,3-Dichloropropene	U		0.118	1.00
2,2-Dichloropropane	U		0.161	1.00
Di-isopropyl ether	U		0.105	1.00
Ethylbenzene	U		0.137	1.00

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Method Blank (MB)

(MB) R3734511-3 11/24/21 23:36

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Hexachloro-1,3-butadiene	U		0.337	1.00
Isopropylbenzene	U		0.105	1.00
p-Isopropyltoluene	U		0.120	1.00
2-Butanone (MEK)	U		1.19	10.0
Methylene Chloride	U		0.430	5.00
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0
Methyl tert-butyl ether	U		0.101	1.00
Naphthalene	U		1.00	5.00
n-Propylbenzene	U		0.0993	1.00
Styrene	U		0.118	1.00
1,1,1,2-Tetrachloroethane	U		0.147	1.00
1,1,2,2-Tetrachloroethane	U		0.133	1.00
Tetrachloroethene	U		0.300	1.00
Toluene	U		0.278	1.00
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00
1,2,3-Trichlorobenzene	U		0.230	1.00
1,2,4-Trichlorobenzene	U		0.481	1.00
1,1,1-Trichloroethane	U		0.149	1.00
1,1,2-Trichloroethane	U		0.158	1.00
Trichloroethene	U		0.190	1.00
Trichlorofluoromethane	U		0.160	5.00
1,2,3-Trichloropropane	U		0.237	2.50
1,2,3-Trimethylbenzene	U		0.104	1.00
1,2,4-Trimethylbenzene	U		0.322	1.00
1,3,5-Trimethylbenzene	U		0.104	1.00
Vinyl chloride	U		0.234	1.00
Xylenes, Total	U		0.174	3.00
(S) Toluene-d8	108			80.0-120
(S) 4-Bromofluorobenzene	107			77.0-126
(S) 1,2-Dichloroethane-d4	124			70.0-130

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

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

(LCS) R3734511-1 11/24/21 22:39 • (LCSD) R3734511-2 11/24/21 22:58

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	25.0	26.5	24.2	106	96.8	19.0-160			9.07	27
Acrolein	25.0	27.2	21.1	109	84.4	10.0-160			25.3	26
Acrylonitrile	25.0	22.7	26.0	90.8	104	55.0-149			13.6	20

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

(LCS) R3734511-1 11/24/21 22:39 • (LCSD) R3734511-2 11/24/21 22:58

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	<u>LCS Qualifier</u>	<u>LCSD Qualifier</u>	RPD %	RPD Limits %
Benzene	5.00	4.48	4.30	89.6	86.0	70.0-123			4.10	20
Bromobenzene	5.00	4.71	4.53	94.2	90.6	73.0-121			3.90	20
Bromodichloromethane	5.00	5.38	5.40	108	108	75.0-120			0.371	20
Bromoform	5.00	6.10	6.30	122	126	68.0-132			3.23	20
Bromomethane	5.00	5.58	5.38	112	108	10.0-160			3.65	25
n-Butylbenzene	5.00	3.80	3.88	76.0	77.6	73.0-125			2.08	20
sec-Butylbenzene	5.00	4.15	4.08	83.0	81.6	75.0-125			1.70	20
tert-Butylbenzene	5.00	4.28	4.17	85.6	83.4	76.0-124			2.60	20
Carbon disulfide	5.00	4.11	4.00	82.2	80.0	61.0-128			2.71	20
Carbon tetrachloride	5.00	6.28	6.22	126	124	68.0-126			0.960	20
Chlorobenzene	5.00	4.81	4.73	96.2	94.6	80.0-121			1.68	20
Chlorodibromomethane	5.00	4.97	5.03	99.4	101	77.0-125			1.20	20
Chloroethane	5.00	5.49	5.44	110	109	47.0-150			0.915	20
Chloroform	5.00	5.16	5.14	103	103	73.0-120			0.388	20
Chloromethane	5.00	5.15	4.98	103	99.6	41.0-142			3.36	20
2-Chlorotoluene	5.00	3.96	3.98	79.2	79.6	76.0-123			0.504	20
4-Chlorotoluene	5.00	3.99	3.96	79.8	79.2	75.0-122			0.755	20
1,2-Dibromo-3-Chloropropane	5.00	3.79	4.47	75.8	89.4	58.0-134			16.5	20
1,2-Dibromoethane	5.00	4.74	4.73	94.8	94.6	80.0-122			0.211	20
Dibromomethane	5.00	4.86	4.84	97.2	96.8	80.0-120			0.412	20
1,2-Dichlorobenzene	5.00	4.48	4.61	89.6	92.2	79.0-121			2.86	20
1,3-Dichlorobenzene	5.00	4.41	4.47	88.2	89.4	79.0-120			1.35	20
1,4-Dichlorobenzene	5.00	4.45	4.45	89.0	89.0	79.0-120			0.000	20
Dichlorodifluoromethane	5.00	5.13	4.73	103	94.6	51.0-149			8.11	20
1,1-Dichloroethane	5.00	4.73	4.51	94.6	90.2	70.0-126			4.76	20
1,2-Dichloroethane	5.00	5.82	5.86	116	117	70.0-128			0.685	20
1,1-Dichloroethene	5.00	4.58	4.44	91.6	88.8	71.0-124			3.10	20
cis-1,2-Dichloroethene	5.00	4.72	4.70	94.4	94.0	73.0-120			0.425	20
trans-1,2-Dichloroethene	5.00	4.82	4.80	96.4	96.0	73.0-120			0.416	20
1,2-Dichloropropane	5.00	4.28	4.28	85.6	85.6	77.0-125			0.000	20
1,1-Dichloropropene	5.00	4.73	4.51	94.6	90.2	74.0-126			4.76	20
1,3-Dichloropropane	5.00	4.42	4.22	88.4	84.4	80.0-120			4.63	20
cis-1,3-Dichloropropene	5.00	4.60	4.69	92.0	93.8	80.0-123			1.94	20
trans-1,3-Dichloropropene	5.00	4.67	4.72	93.4	94.4	78.0-124			1.06	20
2,2-Dichloropropane	5.00	5.85	5.54	117	111	58.0-130			5.44	20
Di-isopropyl ether	5.00	4.84	4.84	96.8	96.8	58.0-138			0.000	20
Ethylbenzene	5.00	4.56	4.44	91.2	88.8	79.0-123			2.67	20
Hexachloro-1,3-butadiene	5.00	5.90	6.21	118	124	54.0-138			5.12	20
Isopropylbenzene	5.00	5.23	5.17	105	103	76.0-127			1.15	20
p-Isopropyltoluene	5.00	4.37	4.41	87.4	88.2	76.0-125			0.911	20

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

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

(LCS) R3734511-1 11/24/21 22:39 • (LCSD) R3734511-2 11/24/21 22:58

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
2-Butanone (MEK)	25.0	24.8	23.1	99.2	92.4	44.0-160			7.10	20
Methylene Chloride	5.00	4.37	4.28	87.4	85.6	67.0-120			2.08	20
4-Methyl-2-pentanone (MIBK)	25.0	23.7	24.1	94.8	96.4	68.0-142			1.67	20
Methyl tert-butyl ether	5.00	4.83	4.88	96.6	97.6	68.0-125			1.03	20
Naphthalene	5.00	3.52	4.17	70.4	83.4	54.0-135			16.9	20
n-Propylbenzene	5.00	3.95	3.87	79.0	77.4	77.0-124			2.05	20
Styrene	5.00	4.60	4.45	92.0	89.0	73.0-130			3.31	20
1,1,1,2-Tetrachloroethane	5.00	5.24	5.15	105	103	75.0-125			1.73	20
1,1,2,2-Tetrachloroethane	5.00	3.33	3.40	66.6	68.0	65.0-130			2.08	20
Tetrachloroethene	5.00	5.83	5.71	117	114	72.0-132			2.08	20
Toluene	5.00	4.52	4.36	90.4	87.2	79.0-120			3.60	20
1,1,2-Trichlorotrifluoroethane	5.00	4.94	4.93	98.8	98.6	69.0-132			0.203	20
1,2,3-Trichlorobenzene	5.00	5.02	5.38	100	108	50.0-138			6.92	20
1,2,4-Trichlorobenzene	5.00	5.11	5.75	102	115	57.0-137			11.8	20
1,1,1-Trichloroethane	5.00	5.65	5.65	113	113	73.0-124			0.000	20
1,1,2-Trichloroethane	5.00	4.61	4.47	92.2	89.4	80.0-120			3.08	20
Trichloroethene	5.00	5.31	5.16	106	103	78.0-124			2.87	20
Trichlorofluoromethane	5.00	6.13	6.05	123	121	59.0-147			1.31	20
1,2,3-Trichloropropane	5.00	4.36	4.56	87.2	91.2	73.0-130			4.48	20
1,2,3-Trimethylbenzene	5.00	4.15	4.14	83.0	82.8	77.0-120			0.241	20
1,2,4-Trimethylbenzene	5.00	4.20	4.25	84.0	85.0	76.0-121			1.18	20
1,3,5-Trimethylbenzene	5.00	4.29	4.19	85.8	83.8	76.0-122			2.36	20
Vinyl chloride	5.00	5.23	4.88	105	97.6	67.0-131			6.92	20
Xylenes, Total	15.0	14.2	14.0	94.7	93.3	79.0-123			1.42	20
(S) Toluene-d8				108	106	80.0-120				
(S) 4-Bromofluorobenzene				105	107	77.0-126				
(S) 1,2-Dichloroethane-d4				125	126	70.0-130				

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R3734986-3 11/29/21 10:07

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
1,1,1-Trichloroethane	U		0.149	1.00
(S) Toluene-d8	110			80.0-120
(S) 4-Bromofluorobenzene	97.9			77.0-126
(S) 1,2-Dichloroethane-d4	104			70.0-130

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

(LCS) R3734986-1 11/29/21 08:46 • (LCSD) R3734986-2 11/29/21 09:06

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
1,1,1-Trichloroethane	5.00	5.80	5.88	116	118	73.0-124			1.37	20
(S) Toluene-d8				111	109	80.0-120				
(S) 4-Bromofluorobenzene				101	87.6	77.0-126				
(S) 1,2-Dichloroethane-d4				103	105	70.0-130				

1
Cp

2
Tc

3
Ss

4
Cn

5
Sr

6
Qc

7
Gl

8
Al

9
Sc

Method Blank (MB)

(MB) R3733822-3 11/22/21 11:26

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	ug/l		ug/l	ug/l
1,4-Dioxane	U		0.597	3.00
(S) Toluene-d8	99.4			77.0-127

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

(LCS) R3733822-1 11/22/21 10:27 • (LCSD) R3733822-2 11/22/21 10:46

Analyte	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
	ug/l	ug/l	ug/l	%	%	%			%	%
1,4-Dioxane	50.0	48.0	48.1	96.0	96.2	55.0-138			0.208	24
(S) Toluene-d8				99.4	99.0	77.0-127				

L1432929-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1432929-01 11/22/21 15:42 • (MS) R3733822-4 11/22/21 20:00 • (MSD) R3733822-5 11/22/21 20:20

Analyte	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
	ug/l	ug/l	ug/l	ug/l	%	%		%			%	%
1,4-Dioxane	50.0	U	37.9	36.0	75.8	72.0	1	13.0-160			5.14	31
(S) Toluene-d8					98.6	98.4		77.0-127				

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

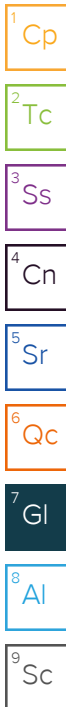
The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

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.
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.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
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
C3	The reported concentration is an estimate. The continuing calibration standard associated with this data responded low. Method sensitivity check is acceptable.
C4	The reported concentration is an estimate. The continuing calibration standard associated with this data responded low. Data is likely to show a low bias concerning the result.
J	The identification of the analyte is acceptable; the reported value is an estimate.
J1	Surrogate recovery limits have been exceeded; values are outside upper control limits.



ACCREDITATIONS & LOCATIONS

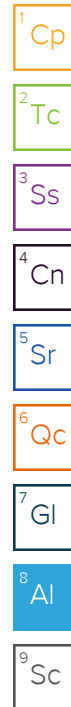
Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

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 ¹	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina ¹	DW21704
Georgia	NELAP	North Carolina ³	41
Georgia ¹	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 ^{1,6}	KY90010	South Carolina	84004002
Kentucky ²	16	South Dakota	n/a
Louisiana	AI30792	Tennessee ^{1,4}	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas ⁵	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 ⁵	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA--Crypto	TN00003		

¹ Drinking Water ² Underground Storage Tanks ³ Aquatic Toxicity ⁴ Chemical/Microbiological ⁵ Mold ⁶ 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.



State of Oregon Chain of Custody

Agency, Authorized Purchaser or Agent: Send Lab Report To: Alyssa Leidel Address: 165 E 7th Ave #100, Eugene OR 97401 Tel #: 541-687-7440 E-mail: <u>alyssa.leidel@state.or.us</u> LEIDEL, Alyssa@deq.state.or.us				Contract Laboratory Name: Pace Analytical Lab Batch #: Invoice To: Address: DEQEXP@deq.state.or.us				Lab Selection Criteria: ☐ Proximity (if TAT < 48 hrs) ☐ Prior work on same project ☒ Cost (for anticipated analyses) ☐ Other labs disqualified or unable to perform requested services ☐ Emergency work				Turn Around Time: ☒ 10 days (std.) ☐ 5 days ☐ 72 hours ☐ 48 hours ☐ 24 hours ☐ Other	
Project Name: Montezuma West Project #: QTime # 25265 Sampler Name: Alyssa Leidel				Sample Preservative HCL HCL ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐									
				Requested Analyses VOCs 8260C 1,4-Dioxane 8260LL 524.2 ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐									
Sample ID#	Collection Date/Time	Matrix	Number of Containers	VOCs 8260C	1,4-Dioxane 8260LL	524.2							Comments
MW-11	11/15	W	4	X	X								PDB -01
MW-14	1320	W	5	X	X								PDB -02
MW-17	1325	W	5	X	X								PDB -03
DW-18	1630	W	3			X							-04
DW-19	1635	W	3			X							-05
DW-20	1640	W	3			X							-06
DW-21	1625	W	3			X							-07
DW-23	1650	W	3			X							-08
DW-25	1545 1530	W	3			X							-09
DW-25F	1540 1515	W	3			X							-10
DW-27	1620	W	3			X							-11
Well A	1530	W	3			X							

Notes: Method 524.2 should include results for: 1,1-DCA, 1,1-DCE, PCE, 1,1,1-TCA, and 1,1,2-TCA

Relinquished By: Alyssa Leidel	Agency/Agent: OR-DEQ	Received By: <u>Alyssa Robinson</u>	Agency/Agent: <u>Pace</u>
Signature: <u>Alyssa Leidel</u>	Time & Date: <u>11/16/21 15:05</u>	Signature: <u>Alyssa Robinson</u>	Time & Date: <u>11/18/21 1400</u>
Relinquished By:	Agency/Agent:	Received By:	Agency/Agent:
Signature:	Time & Date:	Signature:	Time & Date:

THIS PURCHASE IS SUBMITTED PURSUANT TO STATE OF OREGON SOLICITATION #102-1098-07 AND PRICE AGREEMENT # [8903]. THE PRICE AGREEMENT INCLUDING CONTRACT TERMS AND CONDITIONS AND SPECIAL CONTRACT TERMS AND CONDITIONS (T'S & C'S) CONTAINED IN THE PRICE AGREEMENT ARE HEREBY INCORPORATED BY REFERENCE AND SHALL APPLY TO THIS PURCHASE AND SHALL TAKE PRECEDENCE OVER ALL OTHER CONFLICTING T'S AND C'S, EXPRESS OR IMPLIED.

S. Stof S. S. AGA
Case

State of Oregon Chain of Custody

Agency, Authorized Purchaser or Agent:			Contract Laboratory Name: Environmental Science Corp.			Lab Selection Criteria: ☐ Proximity (if TAT < 48 hrs) ☐ Prior work on same project ☒ Cost (for anticipated analyses) ☐ Other labs disqualified or unable to perform requested services ☐ Emergency work			Turn Around Time: ☒ 10 days (std.) ☐ 5 days ☐ 72 hours ☐ 48 hours ☐ 24 hours ☐ Other		
Send Lab Report To: Alyssa Leidel Address: 165 E 7th Ave #100, Eugene OR 97401 Tel. #: 541-687-7440 E-mail: LEIDEL.Alyssa@deq.state.or.us <u>alyssa.leidel@state.or.us</u>			Lab Batch #:			Invoice To: Address: DEQEXP@deq.state.or.us					
Project Name: Montezuma West Project #: QTime # 25265			Sample Preservative HCL HCL								
Sampler Name: Alyssa Leidel			Requested Analyses								
Sample ID#	Collection Date/Time	Matrix	Number of Containers	VOCs 8260C	1,4-Dioxane 8260LL	524.2					Comments 4433171
Well A (F)	1520	W	3	/		X					-12
DUP1 Well A	1200	W	3			X					-13
Trip Blank	1000	W	3			X					-14
Sample Receipt Checklist COC Seal Present/Intact: ☒ Y ☐ N If Applicable COC Signed/Accurate: ☒ Y ☐ N VOA Zero Headspace: ☒ Y ☐ N Bottles arrive intact: ☒ Y ☐ N Pres. Correct/Check: ☒ Y ☐ N Correct bottles used: ☒ Y ☐ N Sufficient volume sent: ☒ Y ☐ N RAD Screen <0.5 mR/hr: ☒ Y ☐ N											
Notes: Method 524.2 should include results for: 1,1-DCA, 1,1-DCE, PCE, 1,1,1-TCA, and 1,1,2-TCA											
Relinquished By: Alyssa Leidel			Agency/Agent: OR-DEQ			Received By: Alayan Robinson			Agency/Agent: Pare		
Signature: <u>Alyssa Leidel</u>			Time & Date: 11/16/21 15:05			Signature: <u>Alayan Robinson</u>			Time & Date: 11/18/21 19:00		
Relinquished By:			Agency/Agent:			Received By:			Agency/Agent:		
Signature:			Time & Date:			Signature:			Time & Date:		

THIS PURCHASE IS SUBMITTED PURSUANT TO STATE OF OREGON SOLICITATION #102-1098-07 AND PRICE AGREEMENT # [8903]. THE PRICE AGREEMENT INCLUDING CONTRACT TERMS AND CONDITIONS AND SPECIAL CONTRACT TERMS AND CONDITIONS (T'S & C'S) CONTAINED IN THE PRICE AGREEMENT ARE HEREBY INCORPORATED BY REFERENCE AND SHALL APPLY TO THIS PURCHASE AND SHALL TAKE PRECEDENCE OVER ALL OTHER CONFLICTING T'S AND C'S, EXPRESS OR IMPLIED.

S. St. 0555 AIBA
cccsz

11/18-NCF-L1433171 OREGONDEQ

R5

Time estimate: oh Time spent: oh

Members

HM Hailey Melson (responsible) Brian Ford

Due on 22 November 2021 8:00 AM for target Done

- ☒ Login Clarification needed
- ☐ Chain of custody is incomplete
- ☐ Please specify Metals requested
- ☐ Please specify TCLP requested
- ☐ Received additional samples not listed on COC
- ☐ Sample IDs on containers do not match IDs on COC
- ☐ Client did not "X" analysis
- ☐ Chain of Custody is missing
- ☐ If no COC: Received by: _____
- ☐ If no COC: Date/Time: _____
- ☐ If no COC: Temp./Cont.Rec./pH: _____
- ☐ If no COC: Carrier: _____
- ☐ If no COC: Tracking #: _____
- ☐ Client informed by call
- ☒ Client informed by Email
- ☐ Client informed by Voicemail
- ☐ Date/Time: _____
- ☒ PM initials: _____ bjf _____
- ☐ Client Contact: _____

Comments

Hailey Melson	18 November 2021 6:43 PM
Sample ID: Well A @1530 was crossed out on COC but received the sample anyways. Should this be analyzed?	
Brian Ford	19 November 2021 1:50 PM
log well A for V524	