

Cascade Corporation- Fairview, OR

Sample Delivery Group: L1215750
Samples Received: 05/06/2020
Project Number: PNG0564S19
Description: Cascade TSA

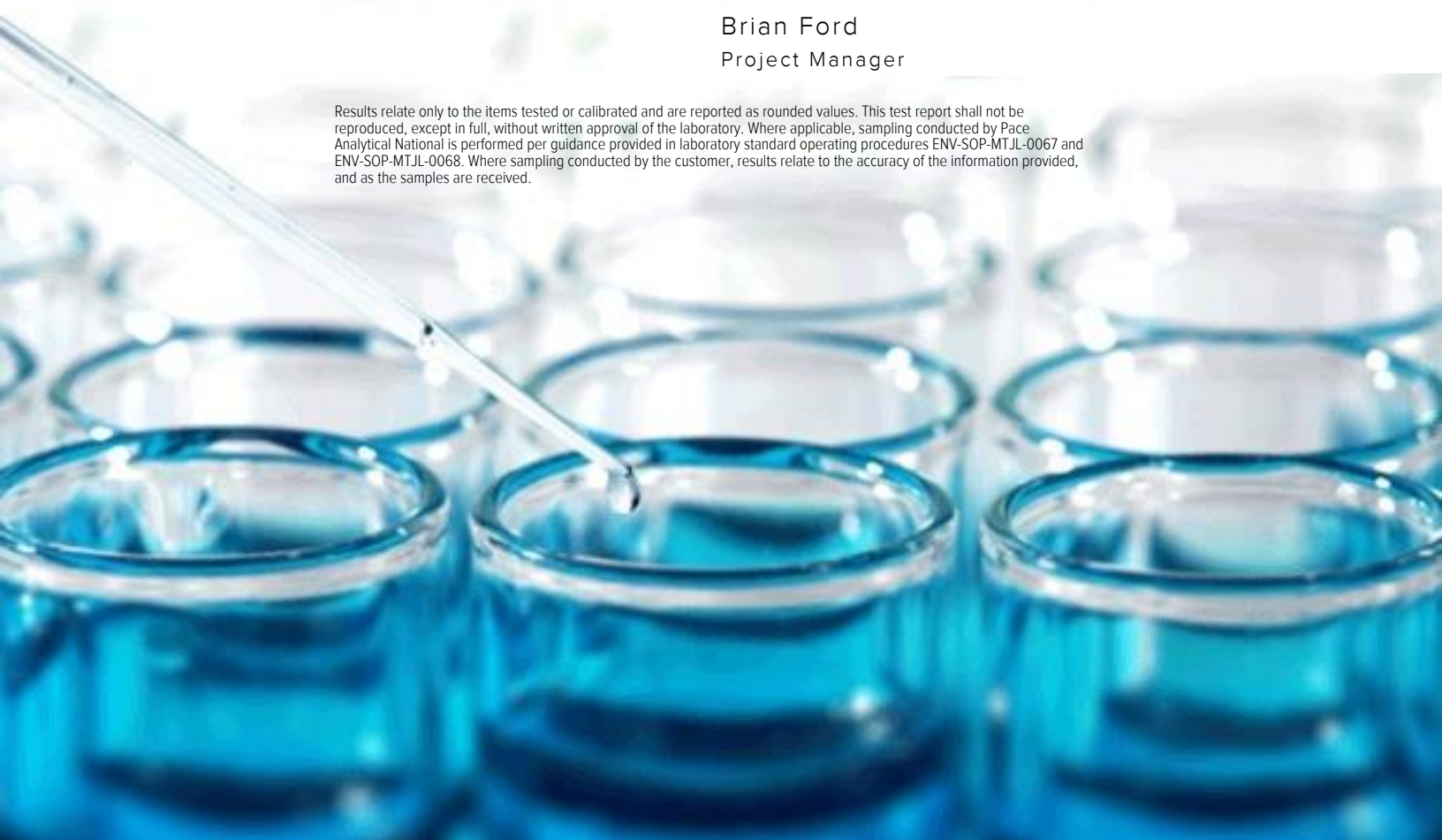
Report To: Cindy Bartlett
2201 NE 201st Avenue
Fairview, OR 97024-9718

Entire Report Reviewed By:

Brian Ford

Brian Ford
Project Manager

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





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¹ Cp

² Tc

³ Ss

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SAMPLE SUMMARY

ONE LAB. NATIONWIDE.



EW-1-050520 L1215750-01 GW

				Collected by PY/MT	Collected date/time	Received date/time
					05/05/20 10:00	05/06/20 08:45
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1472473	1	05/07/20 20:32	05/07/20 20:32	ADM	Mt. Juliet, TN

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EW2-050520 L1215750-02 GW

				Collected by PY/MT	Collected date/time	Received date/time
					05/05/20 09:15	05/06/20 08:45
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1472473	1	05/07/20 20:52	05/07/20 20:52	ADM	Mt. Juliet, TN

EW14-050520 L1215750-03 GW

				Collected by PY/MT	Collected date/time	Received date/time
					05/05/20 09:30	05/06/20 08:45
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1472473	1	05/07/20 21:11	05/07/20 21:11	ADM	Mt. Juliet, TN

VMWA-050520 L1215750-04 GW

				Collected by PY/MT	Collected date/time	Received date/time
					05/05/20 13:57	05/06/20 08:45
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1472473	1	05/07/20 21:30	05/07/20 21:30	ADM	Mt. Juliet, TN

VMWB-050520 L1215750-05 GW

				Collected by PY/MT	Collected date/time	Received date/time
					05/05/20 13:45	05/06/20 08:45
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1472473	1	05/07/20 21:49	05/07/20 21:49	ADM	Mt. Juliet, TN

VMWC-050520 L1215750-06 GW

				Collected by PY/MT	Collected date/time	Received date/time
					05/05/20 14:15	05/06/20 08:45
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1472473	1	05/07/20 22:08	05/07/20 22:08	ADM	Mt. Juliet, TN

VMWD-050520 L1215750-07 GW

				Collected by PY/MT	Collected date/time	Received date/time
					05/05/20 13:30	05/06/20 08:45
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1475270	1	05/13/20 13:41	05/13/20 13:41	ACG	Mt. Juliet, TN

VMWE-050520 L1215750-08 GW

				Collected by PY/MT	Collected date/time	Received date/time
					05/05/20 13:15	05/06/20 08:45
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1472473	1	05/07/20 22:46	05/07/20 22:46	ADM	Mt. Juliet, TN

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SAMPLE SUMMARY

ONE LAB. NATIONWIDE.



VMWF-050520 L1215750-09 GW

				Collected by PY/MT	Collected date/time	Received date/time
					05/05/20 13:00	05/06/20 08:45
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1472473	1	05/07/20 23:05	05/07/20 23:05	ADM	Mt. Juliet, TN

¹ Cp

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VMWG-050520 L1215750-10 GW

				Collected by PY/MT	Collected date/time	Received date/time
					05/05/20 12:50	05/06/20 08:45
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1472473	1	05/07/20 23:24	05/07/20 23:24	ADM	Mt. Juliet, TN

VMWH-050520 L1215750-11 GW

				Collected by PY/MT	Collected date/time	Received date/time
					05/05/20 14:40	05/06/20 08:45
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1475270	1	05/13/20 14:00	05/13/20 14:00	ACG	Mt. Juliet, TN

EW12-050520 L1215750-12 GW

				Collected by PY/MT	Collected date/time	Received date/time
					05/05/20 11:18	05/06/20 08:45
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1472473	1	05/08/20 00:03	05/08/20 00:03	ADM	Mt. Juliet, TN

D17DG-050520 L1215750-13 GW

				Collected by PY/MT	Collected date/time	Received date/time
					05/05/20 10:55	05/06/20 08:45
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1472473	1	05/08/20 00:22	05/08/20 00:22	ADM	Mt. Juliet, TN

D17DS-050520 L1215750-14 GW

				Collected by PY/MT	Collected date/time	Received date/time
					05/05/20 10:45	05/06/20 08:45
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1472473	1	05/08/20 00:41	05/08/20 00:41	ADM	Mt. Juliet, TN

CMW10DS-050520 L1215750-15 GW

				Collected by PY/MT	Collected date/time	Received date/time
					05/05/20 12:00	05/06/20 08:45
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1472473	1	05/08/20 01:00	05/08/20 01:00	ADM	Mt. Juliet, TN

CMW17DS-050520 L1215750-16 GW

				Collected by PY/MT	Collected date/time	Received date/time
					05/05/20 10:30	05/06/20 08:45
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1472473	1	05/08/20 01:19	05/08/20 01:19	ADM	Mt. Juliet, TN

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CMW18DS-050520 L1215750-17 GW

				Collected by PY/MT	Collected date/time	Received date/time
					05/05/20 11:40	05/06/20 08:45
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1472473	1	05/08/20 01:38	05/08/20 01:38	ADM	Mt. Juliet, TN

¹ Cp² Tc³ Ss

CMW18DS-050520-DUP L1215750-18 GW

				Collected by PY/MT	Collected date/time	Received date/time
					05/05/20 11:41	05/06/20 08:45
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1472473	1	05/08/20 01:57	05/08/20 01:57	ADM	Mt. Juliet, TN

⁴ Cn⁵ Sr

CMW19DS-050520 L1215750-19 GW

				Collected by PY/MT	Collected date/time	Received date/time
					05/05/20 12:00	05/06/20 08:45
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1472473	1	05/08/20 02:16	05/08/20 02:16	ADM	Mt. Juliet, TN

⁶ Qc⁷ Gl⁸ Al

TRIP BLANK LOT 440 L1215750-20 GW

				Collected by PY/MT	Collected date/time	Received date/time
					05/05/20 00:00	05/06/20 08:45
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1472473	1	05/07/20 20:13	05/07/20 20:13	ADM	Mt. Juliet, TN

⁹ Sc



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

¹ Cp

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND	J4	25.0	1	05/07/2020 20:32	WG1472473
Acrolein	ND		50.0	1	05/07/2020 20:32	WG1472473
Acrylonitrile	ND		5.00	1	05/07/2020 20:32	WG1472473
Benzene	ND		0.500	1	05/07/2020 20:32	WG1472473
Bromobenzene	ND		0.500	1	05/07/2020 20:32	WG1472473
Bromodichloromethane	ND		0.500	1	05/07/2020 20:32	WG1472473
Bromoform	ND		0.500	1	05/07/2020 20:32	WG1472473
Bromomethane	ND		2.50	1	05/07/2020 20:32	WG1472473
n-Butylbenzene	ND		0.500	1	05/07/2020 20:32	WG1472473
sec-Butylbenzene	ND		0.500	1	05/07/2020 20:32	WG1472473
tert-Butylbenzene	ND		0.500	1	05/07/2020 20:32	WG1472473
Carbon disulfide	ND		0.500	1	05/07/2020 20:32	WG1472473
Carbon tetrachloride	ND		0.500	1	05/07/2020 20:32	WG1472473
Chlorobenzene	ND		0.500	1	05/07/2020 20:32	WG1472473
Chlorodibromomethane	ND		0.500	1	05/07/2020 20:32	WG1472473
Chloroethane	ND		2.50	1	05/07/2020 20:32	WG1472473
Chloroform	ND		0.500	1	05/07/2020 20:32	WG1472473
Chloromethane	ND		1.25	1	05/07/2020 20:32	WG1472473
2-Chlorotoluene	ND		0.500	1	05/07/2020 20:32	WG1472473
4-Chlorotoluene	ND		0.500	1	05/07/2020 20:32	WG1472473
1,2-Dibromo-3-Chloropropane	ND		2.50	1	05/07/2020 20:32	WG1472473
1,2-Dibromoethane	ND		0.500	1	05/07/2020 20:32	WG1472473
Dibromomethane	ND		0.500	1	05/07/2020 20:32	WG1472473
1,2-Dichlorobenzene	ND		0.500	1	05/07/2020 20:32	WG1472473
1,3-Dichlorobenzene	ND		0.500	1	05/07/2020 20:32	WG1472473
1,4-Dichlorobenzene	ND		0.500	1	05/07/2020 20:32	WG1472473
Dichlorodifluoromethane	ND		2.50	1	05/07/2020 20:32	WG1472473
1,1-Dichloroethane	ND		0.500	1	05/07/2020 20:32	WG1472473
1,2-Dichloroethane	ND		0.500	1	05/07/2020 20:32	WG1472473
1,1-Dichloroethene	ND		0.500	1	05/07/2020 20:32	WG1472473
cis-1,2-Dichloroethene	ND		0.500	1	05/07/2020 20:32	WG1472473
trans-1,2-Dichloroethene	ND		0.500	1	05/07/2020 20:32	WG1472473
1,2-Dichloropropane	ND		0.500	1	05/07/2020 20:32	WG1472473
1,1-Dichloropropene	ND		0.500	1	05/07/2020 20:32	WG1472473
1,3-Dichloropropane	ND		1.00	1	05/07/2020 20:32	WG1472473
cis-1,3-Dichloropropene	ND		0.500	1	05/07/2020 20:32	WG1472473
trans-1,3-Dichloropropene	ND		0.500	1	05/07/2020 20:32	WG1472473
2,2-Dichloropropane	ND		0.500	1	05/07/2020 20:32	WG1472473
Di-isopropyl ether	ND		0.500	1	05/07/2020 20:32	WG1472473
Ethylbenzene	ND		0.500	1	05/07/2020 20:32	WG1472473
Hexachloro-1,3-butadiene	ND		1.00	1	05/07/2020 20:32	WG1472473
Isopropylbenzene	ND		0.500	1	05/07/2020 20:32	WG1472473
p-Isopropyltoluene	ND		0.500	1	05/07/2020 20:32	WG1472473
2-Butanone (MEK)	ND		5.00	1	05/07/2020 20:32	WG1472473
Methylene Chloride	ND		2.50	1	05/07/2020 20:32	WG1472473
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	05/07/2020 20:32	WG1472473
Methyl tert-butyl ether	ND		0.500	1	05/07/2020 20:32	WG1472473
Naphthalene	ND		2.50	1	05/07/2020 20:32	WG1472473
n-Propylbenzene	ND		0.500	1	05/07/2020 20:32	WG1472473
Styrene	ND		0.500	1	05/07/2020 20:32	WG1472473
1,1,1,2-Tetrachloroethane	ND		0.500	1	05/07/2020 20:32	WG1472473
1,1,2,2-Tetrachloroethane	ND		0.500	1	05/07/2020 20:32	WG1472473
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	05/07/2020 20:32	WG1472473
Tetrachloroethene	ND		0.500	1	05/07/2020 20:32	WG1472473
Toluene	ND		0.500	1	05/07/2020 20:32	WG1472473
1,2,3-Trichlorobenzene	ND		0.500	1	05/07/2020 20:32	WG1472473

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Collected date/time: 05/05/20 10:00

L1215750

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,2,4-Trichlorobenzene	ND		1.00	1	05/07/2020 20:32	WG1472473
1,1,1-Trichloroethane	ND		0.500	1	05/07/2020 20:32	WG1472473
1,1,2-Trichloroethane	ND		0.500	1	05/07/2020 20:32	WG1472473
Trichloroethene	ND		0.500	1	05/07/2020 20:32	WG1472473
Trichlorofluoromethane	ND		2.50	1	05/07/2020 20:32	WG1472473
1,2,3-Trichloropropane	ND		2.50	1	05/07/2020 20:32	WG1472473
1,2,4-Trimethylbenzene	ND		0.500	1	05/07/2020 20:32	WG1472473
1,2,3-Trimethylbenzene	ND		0.500	1	05/07/2020 20:32	WG1472473
1,3,5-Trimethylbenzene	ND		0.500	1	05/07/2020 20:32	WG1472473
Vinyl chloride	ND		0.500	1	05/07/2020 20:32	WG1472473
Xylenes, Total	ND		1.50	1	05/07/2020 20:32	WG1472473
(S) Toluene-d8	108		80.0-120		05/07/2020 20:32	WG1472473
(S) 4-Bromofluorobenzene	104		77.0-126		05/07/2020 20:32	WG1472473
(S) 1,2-Dichloroethane-d4	112		70.0-130		05/07/2020 20:32	WG1472473

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc



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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND	J4	25.0	1	05/07/2020 20:52	WG1472473
Acrolein	ND		50.0	1	05/07/2020 20:52	WG1472473
Acrylonitrile	ND		5.00	1	05/07/2020 20:52	WG1472473
Benzene	ND		0.500	1	05/07/2020 20:52	WG1472473
Bromobenzene	ND		0.500	1	05/07/2020 20:52	WG1472473
Bromodichloromethane	ND		0.500	1	05/07/2020 20:52	WG1472473
Bromoform	ND		0.500	1	05/07/2020 20:52	WG1472473
Bromomethane	ND		2.50	1	05/07/2020 20:52	WG1472473
n-Butylbenzene	ND		0.500	1	05/07/2020 20:52	WG1472473
sec-Butylbenzene	ND		0.500	1	05/07/2020 20:52	WG1472473
tert-Butylbenzene	ND		0.500	1	05/07/2020 20:52	WG1472473
Carbon disulfide	ND		0.500	1	05/07/2020 20:52	WG1472473
Carbon tetrachloride	ND		0.500	1	05/07/2020 20:52	WG1472473
Chlorobenzene	ND		0.500	1	05/07/2020 20:52	WG1472473
Chlorodibromomethane	ND		0.500	1	05/07/2020 20:52	WG1472473
Chloroethane	ND		2.50	1	05/07/2020 20:52	WG1472473
Chloroform	ND		0.500	1	05/07/2020 20:52	WG1472473
Chloromethane	ND		1.25	1	05/07/2020 20:52	WG1472473
2-Chlorotoluene	ND		0.500	1	05/07/2020 20:52	WG1472473
4-Chlorotoluene	ND		0.500	1	05/07/2020 20:52	WG1472473
1,2-Dibromo-3-Chloropropane	ND		2.50	1	05/07/2020 20:52	WG1472473
1,2-Dibromoethane	ND		0.500	1	05/07/2020 20:52	WG1472473
Dibromomethane	ND		0.500	1	05/07/2020 20:52	WG1472473
1,2-Dichlorobenzene	ND		0.500	1	05/07/2020 20:52	WG1472473
1,3-Dichlorobenzene	ND		0.500	1	05/07/2020 20:52	WG1472473
1,4-Dichlorobenzene	ND		0.500	1	05/07/2020 20:52	WG1472473
Dichlorodifluoromethane	ND		2.50	1	05/07/2020 20:52	WG1472473
1,1-Dichloroethane	ND		0.500	1	05/07/2020 20:52	WG1472473
1,2-Dichloroethane	ND		0.500	1	05/07/2020 20:52	WG1472473
1,1-Dichloroethene	ND		0.500	1	05/07/2020 20:52	WG1472473
cis-1,2-Dichloroethene	1.36		0.500	1	05/07/2020 20:52	WG1472473
trans-1,2-Dichloroethene	ND		0.500	1	05/07/2020 20:52	WG1472473
1,2-Dichloropropane	ND		0.500	1	05/07/2020 20:52	WG1472473
1,1-Dichloropropene	ND		0.500	1	05/07/2020 20:52	WG1472473
1,3-Dichloropropane	ND		1.00	1	05/07/2020 20:52	WG1472473
cis-1,3-Dichloropropene	ND		0.500	1	05/07/2020 20:52	WG1472473
trans-1,3-Dichloropropene	ND		0.500	1	05/07/2020 20:52	WG1472473
2,2-Dichloropropane	ND		0.500	1	05/07/2020 20:52	WG1472473
Di-isopropyl ether	ND		0.500	1	05/07/2020 20:52	WG1472473
Ethylbenzene	ND		0.500	1	05/07/2020 20:52	WG1472473
Hexachloro-1,3-butadiene	ND		1.00	1	05/07/2020 20:52	WG1472473
Isopropylbenzene	ND		0.500	1	05/07/2020 20:52	WG1472473
p-Isopropyltoluene	ND		0.500	1	05/07/2020 20:52	WG1472473
2-Butanone (MEK)	ND		5.00	1	05/07/2020 20:52	WG1472473
Methylene Chloride	ND		2.50	1	05/07/2020 20:52	WG1472473
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	05/07/2020 20:52	WG1472473
Methyl tert-butyl ether	ND		0.500	1	05/07/2020 20:52	WG1472473
Naphthalene	ND		2.50	1	05/07/2020 20:52	WG1472473
n-Propylbenzene	ND		0.500	1	05/07/2020 20:52	WG1472473
Styrene	ND		0.500	1	05/07/2020 20:52	WG1472473
1,1,1,2-Tetrachloroethane	ND		0.500	1	05/07/2020 20:52	WG1472473
1,1,2,2-Tetrachloroethane	ND		0.500	1	05/07/2020 20:52	WG1472473
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	05/07/2020 20:52	WG1472473
Tetrachloroethene	0.844		0.500	1	05/07/2020 20:52	WG1472473
Toluene	ND		0.500	1	05/07/2020 20:52	WG1472473
1,2,3-Trichlorobenzene	ND		0.500	1	05/07/2020 20:52	WG1472473

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 8260D

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,2,4-Trichlorobenzene	ND		1.00	1	05/07/2020 20:52	WG1472473
1,1,1-Trichloroethane	ND		0.500	1	05/07/2020 20:52	WG1472473
1,1,2-Trichloroethane	ND		0.500	1	05/07/2020 20:52	WG1472473
Trichloroethene	12.5		0.500	1	05/07/2020 20:52	WG1472473
Trichlorofluoromethane	ND		2.50	1	05/07/2020 20:52	WG1472473
1,2,3-Trichloropropane	ND		2.50	1	05/07/2020 20:52	WG1472473
1,2,4-Trimethylbenzene	ND		0.500	1	05/07/2020 20:52	WG1472473
1,2,3-Trimethylbenzene	ND		0.500	1	05/07/2020 20:52	WG1472473
1,3,5-Trimethylbenzene	ND		0.500	1	05/07/2020 20:52	WG1472473
Vinyl chloride	ND		0.500	1	05/07/2020 20:52	WG1472473
Xylenes, Total	ND		1.50	1	05/07/2020 20:52	WG1472473
(S) Toluene-d8	107		80.0-120		05/07/2020 20:52	WG1472473
(S) 4-Bromofluorobenzene	101		77.0-126		05/07/2020 20:52	WG1472473
(S) 1,2-Dichloroethane-d4	116		70.0-130		05/07/2020 20:52	WG1472473

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc



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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Acetone	ND	J4	25.0	1	05/07/2020 21:11	WG1472473
Acrolein	ND		50.0	1	05/07/2020 21:11	WG1472473
Acrylonitrile	ND		5.00	1	05/07/2020 21:11	WG1472473
Benzene	ND		0.500	1	05/07/2020 21:11	WG1472473
Bromobenzene	ND		0.500	1	05/07/2020 21:11	WG1472473
Bromodichloromethane	ND		0.500	1	05/07/2020 21:11	WG1472473
Bromoform	ND		0.500	1	05/07/2020 21:11	WG1472473
Bromomethane	ND		2.50	1	05/07/2020 21:11	WG1472473
n-Butylbenzene	ND		0.500	1	05/07/2020 21:11	WG1472473
sec-Butylbenzene	ND		0.500	1	05/07/2020 21:11	WG1472473
tert-Butylbenzene	ND		0.500	1	05/07/2020 21:11	WG1472473
Carbon disulfide	ND		0.500	1	05/07/2020 21:11	WG1472473
Carbon tetrachloride	ND		0.500	1	05/07/2020 21:11	WG1472473
Chlorobenzene	ND		0.500	1	05/07/2020 21:11	WG1472473
Chlorodibromomethane	ND		0.500	1	05/07/2020 21:11	WG1472473
Chloroethane	ND		2.50	1	05/07/2020 21:11	WG1472473
Chloroform	ND		0.500	1	05/07/2020 21:11	WG1472473
Chloromethane	ND		1.25	1	05/07/2020 21:11	WG1472473
2-Chlorotoluene	ND		0.500	1	05/07/2020 21:11	WG1472473
4-Chlorotoluene	ND		0.500	1	05/07/2020 21:11	WG1472473
1,2-Dibromo-3-Chloropropane	ND		2.50	1	05/07/2020 21:11	WG1472473
1,2-Dibromoethane	ND		0.500	1	05/07/2020 21:11	WG1472473
Dibromomethane	ND		0.500	1	05/07/2020 21:11	WG1472473
1,2-Dichlorobenzene	ND		0.500	1	05/07/2020 21:11	WG1472473
1,3-Dichlorobenzene	ND		0.500	1	05/07/2020 21:11	WG1472473
1,4-Dichlorobenzene	ND		0.500	1	05/07/2020 21:11	WG1472473
Dichlorodifluoromethane	ND		2.50	1	05/07/2020 21:11	WG1472473
1,1-Dichloroethane	ND		0.500	1	05/07/2020 21:11	WG1472473
1,2-Dichloroethane	ND		0.500	1	05/07/2020 21:11	WG1472473
1,1-Dichloroethene	ND		0.500	1	05/07/2020 21:11	WG1472473
cis-1,2-Dichloroethene	0.919		0.500	1	05/07/2020 21:11	WG1472473
trans-1,2-Dichloroethene	ND		0.500	1	05/07/2020 21:11	WG1472473
1,2-Dichloropropane	ND		0.500	1	05/07/2020 21:11	WG1472473
1,1-Dichloropropene	ND		0.500	1	05/07/2020 21:11	WG1472473
1,3-Dichloropropane	ND		1.00	1	05/07/2020 21:11	WG1472473
cis-1,3-Dichloropropene	ND		0.500	1	05/07/2020 21:11	WG1472473
trans-1,3-Dichloropropene	ND		0.500	1	05/07/2020 21:11	WG1472473
2,2-Dichloropropane	ND		0.500	1	05/07/2020 21:11	WG1472473
Di-isopropyl ether	ND		0.500	1	05/07/2020 21:11	WG1472473
Ethylbenzene	ND		0.500	1	05/07/2020 21:11	WG1472473
Hexachloro-1,3-butadiene	ND		1.00	1	05/07/2020 21:11	WG1472473
Isopropylbenzene	ND		0.500	1	05/07/2020 21:11	WG1472473
p-Isopropyltoluene	ND		0.500	1	05/07/2020 21:11	WG1472473
2-Butanone (MEK)	ND		5.00	1	05/07/2020 21:11	WG1472473
Methylene Chloride	ND		2.50	1	05/07/2020 21:11	WG1472473
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	05/07/2020 21:11	WG1472473
Methyl tert-butyl ether	ND		0.500	1	05/07/2020 21:11	WG1472473
Naphthalene	ND		2.50	1	05/07/2020 21:11	WG1472473
n-Propylbenzene	ND		0.500	1	05/07/2020 21:11	WG1472473
Styrene	ND		0.500	1	05/07/2020 21:11	WG1472473
1,1,1,2-Tetrachloroethane	ND		0.500	1	05/07/2020 21:11	WG1472473
1,1,2,2-Tetrachloroethane	ND		0.500	1	05/07/2020 21:11	WG1472473
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	05/07/2020 21:11	WG1472473
Tetrachloroethene	ND		0.500	1	05/07/2020 21:11	WG1472473
Toluene	ND		0.500	1	05/07/2020 21:11	WG1472473
1,2,3-Trichlorobenzene	ND		0.500	1	05/07/2020 21:11	WG1472473

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 8260D

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,2,4-Trichlorobenzene	ND		1.00	1	05/07/2020 21:11	WG1472473
1,1,1-Trichloroethane	ND		0.500	1	05/07/2020 21:11	WG1472473
1,1,2-Trichloroethane	ND		0.500	1	05/07/2020 21:11	WG1472473
Trichloroethene	5.95		0.500	1	05/07/2020 21:11	WG1472473
Trichlorofluoromethane	ND		2.50	1	05/07/2020 21:11	WG1472473
1,2,3-Trichloropropane	ND		2.50	1	05/07/2020 21:11	WG1472473
1,2,4-Trimethylbenzene	ND		0.500	1	05/07/2020 21:11	WG1472473
1,2,3-Trimethylbenzene	ND		0.500	1	05/07/2020 21:11	WG1472473
1,3,5-Trimethylbenzene	ND		0.500	1	05/07/2020 21:11	WG1472473
Vinyl chloride	ND		0.500	1	05/07/2020 21:11	WG1472473
Xylenes, Total	ND		1.50	1	05/07/2020 21:11	WG1472473
(S) Toluene-d8	108		80.0-120		05/07/2020 21:11	WG1472473
(S) 4-Bromofluorobenzene	103		77.0-126		05/07/2020 21:11	WG1472473
(S) 1,2-Dichloroethane-d4	115		70.0-130		05/07/2020 21:11	WG1472473

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc



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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	30.5	<u>JO J4</u>	25.0	1	05/07/2020 21:30	WG1472473
Acrolein	ND		50.0	1	05/07/2020 21:30	WG1472473
Acrylonitrile	ND		5.00	1	05/07/2020 21:30	WG1472473
Benzene	ND		0.500	1	05/07/2020 21:30	WG1472473
Bromobenzene	ND		0.500	1	05/07/2020 21:30	WG1472473
Bromodichloromethane	ND		0.500	1	05/07/2020 21:30	WG1472473
Bromoform	ND		0.500	1	05/07/2020 21:30	WG1472473
Bromomethane	ND		2.50	1	05/07/2020 21:30	WG1472473
n-Butylbenzene	ND		0.500	1	05/07/2020 21:30	WG1472473
sec-Butylbenzene	ND		0.500	1	05/07/2020 21:30	WG1472473
tert-Butylbenzene	ND		0.500	1	05/07/2020 21:30	WG1472473
Carbon disulfide	ND		0.500	1	05/07/2020 21:30	WG1472473
Carbon tetrachloride	ND		0.500	1	05/07/2020 21:30	WG1472473
Chlorobenzene	ND		0.500	1	05/07/2020 21:30	WG1472473
Chlorodibromomethane	ND		0.500	1	05/07/2020 21:30	WG1472473
Chloroethane	ND		2.50	1	05/07/2020 21:30	WG1472473
Chloroform	ND		0.500	1	05/07/2020 21:30	WG1472473
Chloromethane	ND		1.25	1	05/07/2020 21:30	WG1472473
2-Chlorotoluene	ND		0.500	1	05/07/2020 21:30	WG1472473
4-Chlorotoluene	ND		0.500	1	05/07/2020 21:30	WG1472473
1,2-Dibromo-3-Chloropropane	ND		2.50	1	05/07/2020 21:30	WG1472473
1,2-Dibromoethane	ND		0.500	1	05/07/2020 21:30	WG1472473
Dibromomethane	ND		0.500	1	05/07/2020 21:30	WG1472473
1,2-Dichlorobenzene	ND		0.500	1	05/07/2020 21:30	WG1472473
1,3-Dichlorobenzene	ND		0.500	1	05/07/2020 21:30	WG1472473
1,4-Dichlorobenzene	ND		0.500	1	05/07/2020 21:30	WG1472473
Dichlorodifluoromethane	ND		2.50	1	05/07/2020 21:30	WG1472473
1,1-Dichloroethane	ND		0.500	1	05/07/2020 21:30	WG1472473
1,2-Dichloroethane	ND		0.500	1	05/07/2020 21:30	WG1472473
1,1-Dichloroethene	ND		0.500	1	05/07/2020 21:30	WG1472473
cis-1,2-Dichloroethene	0.771		0.500	1	05/07/2020 21:30	WG1472473
trans-1,2-Dichloroethene	ND		0.500	1	05/07/2020 21:30	WG1472473
1,2-Dichloropropane	ND		0.500	1	05/07/2020 21:30	WG1472473
1,1-Dichloropropene	ND		0.500	1	05/07/2020 21:30	WG1472473
1,3-Dichloropropane	ND		1.00	1	05/07/2020 21:30	WG1472473
cis-1,3-Dichloropropene	ND		0.500	1	05/07/2020 21:30	WG1472473
trans-1,3-Dichloropropene	ND		0.500	1	05/07/2020 21:30	WG1472473
2,2-Dichloropropane	ND		0.500	1	05/07/2020 21:30	WG1472473
Di-isopropyl ether	ND		0.500	1	05/07/2020 21:30	WG1472473
Ethylbenzene	ND		0.500	1	05/07/2020 21:30	WG1472473
Hexachloro-1,3-butadiene	ND		1.00	1	05/07/2020 21:30	WG1472473
Isopropylbenzene	ND		0.500	1	05/07/2020 21:30	WG1472473
p-Isopropyltoluene	ND		0.500	1	05/07/2020 21:30	WG1472473
2-Butanone (MEK)	ND		5.00	1	05/07/2020 21:30	WG1472473
Methylene Chloride	ND		2.50	1	05/07/2020 21:30	WG1472473
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	05/07/2020 21:30	WG1472473
Methyl tert-butyl ether	ND		0.500	1	05/07/2020 21:30	WG1472473
Naphthalene	ND		2.50	1	05/07/2020 21:30	WG1472473
n-Propylbenzene	ND		0.500	1	05/07/2020 21:30	WG1472473
Styrene	ND		0.500	1	05/07/2020 21:30	WG1472473
1,1,1,2-Tetrachloroethane	ND		0.500	1	05/07/2020 21:30	WG1472473
1,1,2,2-Tetrachloroethane	ND		0.500	1	05/07/2020 21:30	WG1472473
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	05/07/2020 21:30	WG1472473
Tetrachloroethene	ND		0.500	1	05/07/2020 21:30	WG1472473
Toluene	ND		0.500	1	05/07/2020 21:30	WG1472473
1,2,3-Trichlorobenzene	ND		0.500	1	05/07/2020 21:30	WG1472473

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 8260D

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,2,4-Trichlorobenzene	ND		1.00	1	05/07/2020 21:30	WG1472473
1,1,1-Trichloroethane	ND		0.500	1	05/07/2020 21:30	WG1472473
1,1,2-Trichloroethane	ND		0.500	1	05/07/2020 21:30	WG1472473
Trichloroethene	6.53		0.500	1	05/07/2020 21:30	WG1472473
Trichlorofluoromethane	ND		2.50	1	05/07/2020 21:30	WG1472473
1,2,3-Trichloropropane	ND		2.50	1	05/07/2020 21:30	WG1472473
1,2,4-Trimethylbenzene	ND		0.500	1	05/07/2020 21:30	WG1472473
1,2,3-Trimethylbenzene	ND		0.500	1	05/07/2020 21:30	WG1472473
1,3,5-Trimethylbenzene	ND		0.500	1	05/07/2020 21:30	WG1472473
Vinyl chloride	ND		0.500	1	05/07/2020 21:30	WG1472473
Xylenes, Total	ND		1.50	1	05/07/2020 21:30	WG1472473
(S) Toluene-d8	108		80.0-120		05/07/2020 21:30	WG1472473
(S) 4-Bromofluorobenzene	101		77.0-126		05/07/2020 21:30	WG1472473
(S) 1,2-Dichloroethane-d4	114		70.0-130		05/07/2020 21:30	WG1472473

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc



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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	242	<u>JO J4</u>	25.0	1	05/07/2020 21:49	WG1472473
Acrolein	ND		50.0	1	05/07/2020 21:49	WG1472473
Acrylonitrile	ND		5.00	1	05/07/2020 21:49	WG1472473
Benzene	ND		0.500	1	05/07/2020 21:49	WG1472473
Bromobenzene	ND		0.500	1	05/07/2020 21:49	WG1472473
Bromodichloromethane	ND		0.500	1	05/07/2020 21:49	WG1472473
Bromoform	ND		0.500	1	05/07/2020 21:49	WG1472473
Bromomethane	ND		2.50	1	05/07/2020 21:49	WG1472473
n-Butylbenzene	ND		0.500	1	05/07/2020 21:49	WG1472473
sec-Butylbenzene	ND		0.500	1	05/07/2020 21:49	WG1472473
tert-Butylbenzene	ND		0.500	1	05/07/2020 21:49	WG1472473
Carbon disulfide	ND		0.500	1	05/07/2020 21:49	WG1472473
Carbon tetrachloride	ND		0.500	1	05/07/2020 21:49	WG1472473
Chlorobenzene	ND		0.500	1	05/07/2020 21:49	WG1472473
Chlorodibromomethane	ND		0.500	1	05/07/2020 21:49	WG1472473
Chloroethane	ND		2.50	1	05/07/2020 21:49	WG1472473
Chloroform	ND		0.500	1	05/07/2020 21:49	WG1472473
Chloromethane	ND		1.25	1	05/07/2020 21:49	WG1472473
2-Chlorotoluene	ND		0.500	1	05/07/2020 21:49	WG1472473
4-Chlorotoluene	ND		0.500	1	05/07/2020 21:49	WG1472473
1,2-Dibromo-3-Chloropropane	ND		2.50	1	05/07/2020 21:49	WG1472473
1,2-Dibromoethane	ND		0.500	1	05/07/2020 21:49	WG1472473
Dibromomethane	ND		0.500	1	05/07/2020 21:49	WG1472473
1,2-Dichlorobenzene	ND		0.500	1	05/07/2020 21:49	WG1472473
1,3-Dichlorobenzene	ND		0.500	1	05/07/2020 21:49	WG1472473
1,4-Dichlorobenzene	ND		0.500	1	05/07/2020 21:49	WG1472473
Dichlorodifluoromethane	ND		2.50	1	05/07/2020 21:49	WG1472473
1,1-Dichloroethane	ND		0.500	1	05/07/2020 21:49	WG1472473
1,2-Dichloroethane	ND		0.500	1	05/07/2020 21:49	WG1472473
1,1-Dichloroethene	ND		0.500	1	05/07/2020 21:49	WG1472473
cis-1,2-Dichloroethene	3.29		0.500	1	05/07/2020 21:49	WG1472473
trans-1,2-Dichloroethene	ND		0.500	1	05/07/2020 21:49	WG1472473
1,2-Dichloropropane	ND		0.500	1	05/07/2020 21:49	WG1472473
1,1-Dichloropropene	ND		0.500	1	05/07/2020 21:49	WG1472473
1,3-Dichloropropane	ND		1.00	1	05/07/2020 21:49	WG1472473
cis-1,3-Dichloropropene	ND		0.500	1	05/07/2020 21:49	WG1472473
trans-1,3-Dichloropropene	ND		0.500	1	05/07/2020 21:49	WG1472473
2,2-Dichloropropane	ND		0.500	1	05/07/2020 21:49	WG1472473
Di-isopropyl ether	ND		0.500	1	05/07/2020 21:49	WG1472473
Ethylbenzene	ND		0.500	1	05/07/2020 21:49	WG1472473
Hexachloro-1,3-butadiene	ND		1.00	1	05/07/2020 21:49	WG1472473
Isopropylbenzene	ND		0.500	1	05/07/2020 21:49	WG1472473
p-Isopropyltoluene	ND		0.500	1	05/07/2020 21:49	WG1472473
2-Butanone (MEK)	10.0		5.00	1	05/07/2020 21:49	WG1472473
Methylene Chloride	ND		2.50	1	05/07/2020 21:49	WG1472473
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	05/07/2020 21:49	WG1472473
Methyl tert-butyl ether	ND		0.500	1	05/07/2020 21:49	WG1472473
Naphthalene	ND		2.50	1	05/07/2020 21:49	WG1472473
n-Propylbenzene	ND		0.500	1	05/07/2020 21:49	WG1472473
Styrene	ND		0.500	1	05/07/2020 21:49	WG1472473
1,1,1,2-Tetrachloroethane	ND		0.500	1	05/07/2020 21:49	WG1472473
1,1,2,2-Tetrachloroethane	ND		0.500	1	05/07/2020 21:49	WG1472473
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	05/07/2020 21:49	WG1472473
Tetrachloroethene	0.891		0.500	1	05/07/2020 21:49	WG1472473
Toluene	ND		0.500	1	05/07/2020 21:49	WG1472473
1,2,3-Trichlorobenzene	ND		0.500	1	05/07/2020 21:49	WG1472473

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 8260D

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,2,4-Trichlorobenzene	ND		1.00	1	05/07/2020 21:49	WG1472473
1,1,1-Trichloroethane	ND		0.500	1	05/07/2020 21:49	WG1472473
1,1,2-Trichloroethane	ND		0.500	1	05/07/2020 21:49	WG1472473
Trichloroethene	18.5		0.500	1	05/07/2020 21:49	WG1472473
Trichlorofluoromethane	ND		2.50	1	05/07/2020 21:49	WG1472473
1,2,3-Trichloropropane	ND		2.50	1	05/07/2020 21:49	WG1472473
1,2,4-Trimethylbenzene	ND		0.500	1	05/07/2020 21:49	WG1472473
1,2,3-Trimethylbenzene	ND		0.500	1	05/07/2020 21:49	WG1472473
1,3,5-Trimethylbenzene	ND		0.500	1	05/07/2020 21:49	WG1472473
Vinyl chloride	ND		0.500	1	05/07/2020 21:49	WG1472473
Xylenes, Total	ND		1.50	1	05/07/2020 21:49	WG1472473
(S) Toluene-d8	108		80.0-120		05/07/2020 21:49	WG1472473
(S) 4-Bromofluorobenzene	103		77.0-126		05/07/2020 21:49	WG1472473
(S) 1,2-Dichloroethane-d4	114		70.0-130		05/07/2020 21:49	WG1472473

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc



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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	28.7	<u>JO J4</u>	25.0	1	05/07/2020 22:08	WG1472473
Acrolein	ND		50.0	1	05/07/2020 22:08	WG1472473
Acrylonitrile	ND		5.00	1	05/07/2020 22:08	WG1472473
Benzene	ND		0.500	1	05/07/2020 22:08	WG1472473
Bromobenzene	ND		0.500	1	05/07/2020 22:08	WG1472473
Bromodichloromethane	ND		0.500	1	05/07/2020 22:08	WG1472473
Bromoform	ND		0.500	1	05/07/2020 22:08	WG1472473
Bromomethane	ND		2.50	1	05/07/2020 22:08	WG1472473
n-Butylbenzene	ND		0.500	1	05/07/2020 22:08	WG1472473
sec-Butylbenzene	ND		0.500	1	05/07/2020 22:08	WG1472473
tert-Butylbenzene	ND		0.500	1	05/07/2020 22:08	WG1472473
Carbon disulfide	ND		0.500	1	05/07/2020 22:08	WG1472473
Carbon tetrachloride	ND		0.500	1	05/07/2020 22:08	WG1472473
Chlorobenzene	ND		0.500	1	05/07/2020 22:08	WG1472473
Chlorodibromomethane	ND		0.500	1	05/07/2020 22:08	WG1472473
Chloroethane	ND		2.50	1	05/07/2020 22:08	WG1472473
Chloroform	ND		0.500	1	05/07/2020 22:08	WG1472473
Chloromethane	ND		1.25	1	05/07/2020 22:08	WG1472473
2-Chlorotoluene	ND		0.500	1	05/07/2020 22:08	WG1472473
4-Chlorotoluene	ND		0.500	1	05/07/2020 22:08	WG1472473
1,2-Dibromo-3-Chloropropane	ND		2.50	1	05/07/2020 22:08	WG1472473
1,2-Dibromoethane	ND		0.500	1	05/07/2020 22:08	WG1472473
Dibromomethane	ND		0.500	1	05/07/2020 22:08	WG1472473
1,2-Dichlorobenzene	ND		0.500	1	05/07/2020 22:08	WG1472473
1,3-Dichlorobenzene	ND		0.500	1	05/07/2020 22:08	WG1472473
1,4-Dichlorobenzene	ND		0.500	1	05/07/2020 22:08	WG1472473
Dichlorodifluoromethane	ND		2.50	1	05/07/2020 22:08	WG1472473
1,1-Dichloroethane	ND		0.500	1	05/07/2020 22:08	WG1472473
1,2-Dichloroethane	ND		0.500	1	05/07/2020 22:08	WG1472473
1,1-Dichloroethene	ND		0.500	1	05/07/2020 22:08	WG1472473
cis-1,2-Dichloroethene	0.631		0.500	1	05/07/2020 22:08	WG1472473
trans-1,2-Dichloroethene	ND		0.500	1	05/07/2020 22:08	WG1472473
1,2-Dichloropropane	ND		0.500	1	05/07/2020 22:08	WG1472473
1,1-Dichloropropene	ND		0.500	1	05/07/2020 22:08	WG1472473
1,3-Dichloropropane	ND		1.00	1	05/07/2020 22:08	WG1472473
cis-1,3-Dichloropropene	ND		0.500	1	05/07/2020 22:08	WG1472473
trans-1,3-Dichloropropene	ND		0.500	1	05/07/2020 22:08	WG1472473
2,2-Dichloropropane	ND		0.500	1	05/07/2020 22:08	WG1472473
Di-isopropyl ether	ND		0.500	1	05/07/2020 22:08	WG1472473
Ethylbenzene	ND		0.500	1	05/07/2020 22:08	WG1472473
Hexachloro-1,3-butadiene	ND		1.00	1	05/07/2020 22:08	WG1472473
Isopropylbenzene	ND		0.500	1	05/07/2020 22:08	WG1472473
p-Isopropyltoluene	ND		0.500	1	05/07/2020 22:08	WG1472473
2-Butanone (MEK)	ND		5.00	1	05/07/2020 22:08	WG1472473
Methylene Chloride	ND		2.50	1	05/07/2020 22:08	WG1472473
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	05/07/2020 22:08	WG1472473
Methyl tert-butyl ether	ND		0.500	1	05/07/2020 22:08	WG1472473
Naphthalene	ND		2.50	1	05/07/2020 22:08	WG1472473
n-Propylbenzene	ND		0.500	1	05/07/2020 22:08	WG1472473
Styrene	ND		0.500	1	05/07/2020 22:08	WG1472473
1,1,1,2-Tetrachloroethane	ND		0.500	1	05/07/2020 22:08	WG1472473
1,1,2,2-Tetrachloroethane	ND		0.500	1	05/07/2020 22:08	WG1472473
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	05/07/2020 22:08	WG1472473
Tetrachloroethene	ND		0.500	1	05/07/2020 22:08	WG1472473
Toluene	ND		0.500	1	05/07/2020 22:08	WG1472473
1,2,3-Trichlorobenzene	ND		0.500	1	05/07/2020 22:08	WG1472473

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Collected date/time: 05/05/20 14:15

L1215750

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,2,4-Trichlorobenzene	ND		1.00	1	05/07/2020 22:08	WG1472473
1,1,1-Trichloroethane	ND		0.500	1	05/07/2020 22:08	WG1472473
1,1,2-Trichloroethane	ND		0.500	1	05/07/2020 22:08	WG1472473
Trichloroethene	5.87		0.500	1	05/07/2020 22:08	WG1472473
Trichlorofluoromethane	ND		2.50	1	05/07/2020 22:08	WG1472473
1,2,3-Trichloropropane	ND		2.50	1	05/07/2020 22:08	WG1472473
1,2,4-Trimethylbenzene	ND		0.500	1	05/07/2020 22:08	WG1472473
1,2,3-Trimethylbenzene	ND		0.500	1	05/07/2020 22:08	WG1472473
1,3,5-Trimethylbenzene	ND		0.500	1	05/07/2020 22:08	WG1472473
Vinyl chloride	ND		0.500	1	05/07/2020 22:08	WG1472473
Xylenes, Total	ND		1.50	1	05/07/2020 22:08	WG1472473
(S) Toluene-d8	109		80.0-120		05/07/2020 22:08	WG1472473
(S) 4-Bromofluorobenzene	102		77.0-126		05/07/2020 22:08	WG1472473
(S) 1,2-Dichloroethane-d4	114		70.0-130		05/07/2020 22:08	WG1472473

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc



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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND		25.0	1	05/13/2020 13:41	WG1475270
Acrolein	ND		50.0	1	05/13/2020 13:41	WG1475270
Acrylonitrile	ND		5.00	1	05/13/2020 13:41	WG1475270
Benzene	ND		0.500	1	05/13/2020 13:41	WG1475270
Bromobenzene	ND		0.500	1	05/13/2020 13:41	WG1475270
Bromodichloromethane	ND		0.500	1	05/13/2020 13:41	WG1475270
Bromoform	ND		0.500	1	05/13/2020 13:41	WG1475270
Bromomethane	ND		2.50	1	05/13/2020 13:41	WG1475270
n-Butylbenzene	ND		0.500	1	05/13/2020 13:41	WG1475270
sec-Butylbenzene	ND		0.500	1	05/13/2020 13:41	WG1475270
tert-Butylbenzene	ND		0.500	1	05/13/2020 13:41	WG1475270
Carbon disulfide	ND		0.500	1	05/13/2020 13:41	WG1475270
Carbon tetrachloride	ND		0.500	1	05/13/2020 13:41	WG1475270
Chlorobenzene	ND		0.500	1	05/13/2020 13:41	WG1475270
Chlorodibromomethane	ND		0.500	1	05/13/2020 13:41	WG1475270
Chloroethane	ND		2.50	1	05/13/2020 13:41	WG1475270
Chloroform	ND		0.500	1	05/13/2020 13:41	WG1475270
Chloromethane	ND		1.25	1	05/13/2020 13:41	WG1475270
2-Chlorotoluene	ND		0.500	1	05/13/2020 13:41	WG1475270
4-Chlorotoluene	ND		0.500	1	05/13/2020 13:41	WG1475270
1,2-Dibromo-3-Chloropropane	ND		2.50	1	05/13/2020 13:41	WG1475270
1,2-Dibromoethane	ND		0.500	1	05/13/2020 13:41	WG1475270
Dibromomethane	ND		0.500	1	05/13/2020 13:41	WG1475270
1,2-Dichlorobenzene	ND		0.500	1	05/13/2020 13:41	WG1475270
1,3-Dichlorobenzene	ND		0.500	1	05/13/2020 13:41	WG1475270
1,4-Dichlorobenzene	ND		0.500	1	05/13/2020 13:41	WG1475270
Dichlorodifluoromethane	ND		2.50	1	05/13/2020 13:41	WG1475270
1,1-Dichloroethane	ND		0.500	1	05/13/2020 13:41	WG1475270
1,2-Dichloroethane	ND		0.500	1	05/13/2020 13:41	WG1475270
1,1-Dichloroethene	ND		0.500	1	05/13/2020 13:41	WG1475270
cis-1,2-Dichloroethene	ND		0.500	1	05/13/2020 13:41	WG1475270
trans-1,2-Dichloroethene	ND		0.500	1	05/13/2020 13:41	WG1475270
1,2-Dichloropropane	ND		0.500	1	05/13/2020 13:41	WG1475270
1,1-Dichloropropene	ND		0.500	1	05/13/2020 13:41	WG1475270
1,3-Dichloropropane	ND		1.00	1	05/13/2020 13:41	WG1475270
cis-1,3-Dichloropropene	ND		0.500	1	05/13/2020 13:41	WG1475270
trans-1,3-Dichloropropene	ND		0.500	1	05/13/2020 13:41	WG1475270
2,2-Dichloropropane	ND		0.500	1	05/13/2020 13:41	WG1475270
Di-isopropyl ether	ND		0.500	1	05/13/2020 13:41	WG1475270
Ethylbenzene	ND		0.500	1	05/13/2020 13:41	WG1475270
Hexachloro-1,3-butadiene	ND		1.00	1	05/13/2020 13:41	WG1475270
Isopropylbenzene	ND		0.500	1	05/13/2020 13:41	WG1475270
p-Isopropyltoluene	ND		0.500	1	05/13/2020 13:41	WG1475270
2-Butanone (MEK)	ND		5.00	1	05/13/2020 13:41	WG1475270
Methylene Chloride	ND		2.50	1	05/13/2020 13:41	WG1475270
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	05/13/2020 13:41	WG1475270
Methyl tert-butyl ether	ND		0.500	1	05/13/2020 13:41	WG1475270
Naphthalene	ND		2.50	1	05/13/2020 13:41	WG1475270
n-Propylbenzene	ND		0.500	1	05/13/2020 13:41	WG1475270
Styrene	ND		0.500	1	05/13/2020 13:41	WG1475270
1,1,1,2-Tetrachloroethane	ND		0.500	1	05/13/2020 13:41	WG1475270
1,1,2,2-Tetrachloroethane	ND		0.500	1	05/13/2020 13:41	WG1475270
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	05/13/2020 13:41	WG1475270
Tetrachloroethene	ND		0.500	1	05/13/2020 13:41	WG1475270
Toluene	ND		0.500	1	05/13/2020 13:41	WG1475270
1,2,3-Trichlorobenzene	ND		0.500	1	05/13/2020 13:41	WG1475270

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Collected date/time: 05/05/20 13:30

L1215750

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,2,4-Trichlorobenzene	ND		1.00	1	05/13/2020 13:41	WG1475270
1,1,1-Trichloroethane	ND		0.500	1	05/13/2020 13:41	WG1475270
1,1,2-Trichloroethane	ND		0.500	1	05/13/2020 13:41	WG1475270
Trichloroethene	0.934		0.500	1	05/13/2020 13:41	WG1475270
Trichlorofluoromethane	ND		2.50	1	05/13/2020 13:41	WG1475270
1,2,3-Trichloropropane	ND		2.50	1	05/13/2020 13:41	WG1475270
1,2,4-Trimethylbenzene	ND		0.500	1	05/13/2020 13:41	WG1475270
1,2,3-Trimethylbenzene	ND		0.500	1	05/13/2020 13:41	WG1475270
1,3,5-Trimethylbenzene	ND		0.500	1	05/13/2020 13:41	WG1475270
Vinyl chloride	ND		0.500	1	05/13/2020 13:41	WG1475270
Xylenes, Total	ND		1.50	1	05/13/2020 13:41	WG1475270
(S) Toluene-d8	109		80.0-120		05/13/2020 13:41	WG1475270
(S) 4-Bromofluorobenzene	110		77.0-126		05/13/2020 13:41	WG1475270
(S) 1,2-Dichloroethane-d4	116		70.0-130		05/13/2020 13:41	WG1475270

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc



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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	42.9	<u>JO J4</u>	25.0	1	05/07/2020 22:46	WG1472473
Acrolein	ND		50.0	1	05/07/2020 22:46	WG1472473
Acrylonitrile	ND		5.00	1	05/07/2020 22:46	WG1472473
Benzene	ND		0.500	1	05/07/2020 22:46	WG1472473
Bromobenzene	ND		0.500	1	05/07/2020 22:46	WG1472473
Bromodichloromethane	ND		0.500	1	05/07/2020 22:46	WG1472473
Bromoform	ND		0.500	1	05/07/2020 22:46	WG1472473
Bromomethane	ND		2.50	1	05/07/2020 22:46	WG1472473
n-Butylbenzene	ND		0.500	1	05/07/2020 22:46	WG1472473
sec-Butylbenzene	ND		0.500	1	05/07/2020 22:46	WG1472473
tert-Butylbenzene	ND		0.500	1	05/07/2020 22:46	WG1472473
Carbon disulfide	ND		0.500	1	05/07/2020 22:46	WG1472473
Carbon tetrachloride	ND		0.500	1	05/07/2020 22:46	WG1472473
Chlorobenzene	ND		0.500	1	05/07/2020 22:46	WG1472473
Chlorodibromomethane	ND		0.500	1	05/07/2020 22:46	WG1472473
Chloroethane	ND		2.50	1	05/07/2020 22:46	WG1472473
Chloroform	ND		0.500	1	05/07/2020 22:46	WG1472473
Chloromethane	ND		1.25	1	05/07/2020 22:46	WG1472473
2-Chlorotoluene	ND		0.500	1	05/07/2020 22:46	WG1472473
4-Chlorotoluene	ND		0.500	1	05/07/2020 22:46	WG1472473
1,2-Dibromo-3-Chloropropane	ND		2.50	1	05/07/2020 22:46	WG1472473
1,2-Dibromoethane	ND		0.500	1	05/07/2020 22:46	WG1472473
Dibromomethane	ND		0.500	1	05/07/2020 22:46	WG1472473
1,2-Dichlorobenzene	ND		0.500	1	05/07/2020 22:46	WG1472473
1,3-Dichlorobenzene	ND		0.500	1	05/07/2020 22:46	WG1472473
1,4-Dichlorobenzene	ND		0.500	1	05/07/2020 22:46	WG1472473
Dichlorodifluoromethane	ND		2.50	1	05/07/2020 22:46	WG1472473
1,1-Dichloroethane	ND		0.500	1	05/07/2020 22:46	WG1472473
1,2-Dichloroethane	ND		0.500	1	05/07/2020 22:46	WG1472473
1,1-Dichloroethene	ND		0.500	1	05/07/2020 22:46	WG1472473
cis-1,2-Dichloroethene	7.07		0.500	1	05/07/2020 22:46	WG1472473
trans-1,2-Dichloroethene	ND		0.500	1	05/07/2020 22:46	WG1472473
1,2-Dichloropropane	ND		0.500	1	05/07/2020 22:46	WG1472473
1,1-Dichloropropene	ND		0.500	1	05/07/2020 22:46	WG1472473
1,3-Dichloropropane	ND		1.00	1	05/07/2020 22:46	WG1472473
cis-1,3-Dichloropropene	ND		0.500	1	05/07/2020 22:46	WG1472473
trans-1,3-Dichloropropene	ND		0.500	1	05/07/2020 22:46	WG1472473
2,2-Dichloropropane	ND		0.500	1	05/07/2020 22:46	WG1472473
Di-isopropyl ether	ND		0.500	1	05/07/2020 22:46	WG1472473
Ethylbenzene	ND		0.500	1	05/07/2020 22:46	WG1472473
Hexachloro-1,3-butadiene	ND		1.00	1	05/07/2020 22:46	WG1472473
Isopropylbenzene	ND		0.500	1	05/07/2020 22:46	WG1472473
p-Isopropyltoluene	ND		0.500	1	05/07/2020 22:46	WG1472473
2-Butanone (MEK)	ND		5.00	1	05/07/2020 22:46	WG1472473
Methylene Chloride	ND		2.50	1	05/07/2020 22:46	WG1472473
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	05/07/2020 22:46	WG1472473
Methyl tert-butyl ether	ND		0.500	1	05/07/2020 22:46	WG1472473
Naphthalene	ND		2.50	1	05/07/2020 22:46	WG1472473
n-Propylbenzene	ND		0.500	1	05/07/2020 22:46	WG1472473
Styrene	ND		0.500	1	05/07/2020 22:46	WG1472473
1,1,1,2-Tetrachloroethane	ND		0.500	1	05/07/2020 22:46	WG1472473
1,1,2,2-Tetrachloroethane	ND		0.500	1	05/07/2020 22:46	WG1472473
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	05/07/2020 22:46	WG1472473
Tetrachloroethene	2.53		0.500	1	05/07/2020 22:46	WG1472473
Toluene	ND		0.500	1	05/07/2020 22:46	WG1472473
1,2,3-Trichlorobenzene	ND		0.500	1	05/07/2020 22:46	WG1472473

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Collected date/time: 05/05/20 13:15

L1215750

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,2,4-Trichlorobenzene	ND		1.00	1	05/07/2020 22:46	WG1472473
1,1,1-Trichloroethane	ND		0.500	1	05/07/2020 22:46	WG1472473
1,1,2-Trichloroethane	ND		0.500	1	05/07/2020 22:46	WG1472473
Trichloroethene	38.6		0.500	1	05/07/2020 22:46	WG1472473
Trichlorofluoromethane	ND		2.50	1	05/07/2020 22:46	WG1472473
1,2,3-Trichloropropane	ND		2.50	1	05/07/2020 22:46	WG1472473
1,2,4-Trimethylbenzene	ND		0.500	1	05/07/2020 22:46	WG1472473
1,2,3-Trimethylbenzene	ND		0.500	1	05/07/2020 22:46	WG1472473
1,3,5-Trimethylbenzene	ND		0.500	1	05/07/2020 22:46	WG1472473
Vinyl chloride	ND		0.500	1	05/07/2020 22:46	WG1472473
Xylenes, Total	ND		1.50	1	05/07/2020 22:46	WG1472473
(S) Toluene-d8	109		80.0-120		05/07/2020 22:46	WG1472473
(S) 4-Bromofluorobenzene	103		77.0-126		05/07/2020 22:46	WG1472473
(S) 1,2-Dichloroethane-d4	114		70.0-130		05/07/2020 22:46	WG1472473

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc



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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	39.8	<u>JO J4</u>	25.0	1	05/07/2020 23:05	WG1472473
Acrolein	ND		50.0	1	05/07/2020 23:05	WG1472473
Acrylonitrile	ND		5.00	1	05/07/2020 23:05	WG1472473
Benzene	ND		0.500	1	05/07/2020 23:05	WG1472473
Bromobenzene	ND		0.500	1	05/07/2020 23:05	WG1472473
Bromodichloromethane	ND		0.500	1	05/07/2020 23:05	WG1472473
Bromoform	ND		0.500	1	05/07/2020 23:05	WG1472473
Bromomethane	ND		2.50	1	05/07/2020 23:05	WG1472473
n-Butylbenzene	ND		0.500	1	05/07/2020 23:05	WG1472473
sec-Butylbenzene	ND		0.500	1	05/07/2020 23:05	WG1472473
tert-Butylbenzene	ND		0.500	1	05/07/2020 23:05	WG1472473
Carbon disulfide	ND		0.500	1	05/07/2020 23:05	WG1472473
Carbon tetrachloride	ND		0.500	1	05/07/2020 23:05	WG1472473
Chlorobenzene	ND		0.500	1	05/07/2020 23:05	WG1472473
Chlorodibromomethane	ND		0.500	1	05/07/2020 23:05	WG1472473
Chloroethane	ND		2.50	1	05/07/2020 23:05	WG1472473
Chloroform	ND		0.500	1	05/07/2020 23:05	WG1472473
Chloromethane	ND		1.25	1	05/07/2020 23:05	WG1472473
2-Chlorotoluene	ND		0.500	1	05/07/2020 23:05	WG1472473
4-Chlorotoluene	ND		0.500	1	05/07/2020 23:05	WG1472473
1,2-Dibromo-3-Chloropropane	ND		2.50	1	05/07/2020 23:05	WG1472473
1,2-Dibromoethane	ND		0.500	1	05/07/2020 23:05	WG1472473
Dibromomethane	ND		0.500	1	05/07/2020 23:05	WG1472473
1,2-Dichlorobenzene	ND		0.500	1	05/07/2020 23:05	WG1472473
1,3-Dichlorobenzene	ND		0.500	1	05/07/2020 23:05	WG1472473
1,4-Dichlorobenzene	ND		0.500	1	05/07/2020 23:05	WG1472473
Dichlorodifluoromethane	ND		2.50	1	05/07/2020 23:05	WG1472473
1,1-Dichloroethane	ND		0.500	1	05/07/2020 23:05	WG1472473
1,2-Dichloroethane	ND		0.500	1	05/07/2020 23:05	WG1472473
1,1-Dichloroethene	ND		0.500	1	05/07/2020 23:05	WG1472473
cis-1,2-Dichloroethene	ND		0.500	1	05/07/2020 23:05	WG1472473
trans-1,2-Dichloroethene	ND		0.500	1	05/07/2020 23:05	WG1472473
1,2-Dichloropropane	ND		0.500	1	05/07/2020 23:05	WG1472473
1,1-Dichloropropene	ND		0.500	1	05/07/2020 23:05	WG1472473
1,3-Dichloropropane	ND		1.00	1	05/07/2020 23:05	WG1472473
cis-1,3-Dichloropropene	ND		0.500	1	05/07/2020 23:05	WG1472473
trans-1,3-Dichloropropene	ND		0.500	1	05/07/2020 23:05	WG1472473
2,2-Dichloropropane	ND		0.500	1	05/07/2020 23:05	WG1472473
Di-isopropyl ether	ND		0.500	1	05/07/2020 23:05	WG1472473
Ethylbenzene	ND		0.500	1	05/07/2020 23:05	WG1472473
Hexachloro-1,3-butadiene	ND		1.00	1	05/07/2020 23:05	WG1472473
Isopropylbenzene	ND		0.500	1	05/07/2020 23:05	WG1472473
p-Isopropyltoluene	ND		0.500	1	05/07/2020 23:05	WG1472473
2-Butanone (MEK)	ND		5.00	1	05/07/2020 23:05	WG1472473
Methylene Chloride	ND		2.50	1	05/07/2020 23:05	WG1472473
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	05/07/2020 23:05	WG1472473
Methyl tert-butyl ether	ND		0.500	1	05/07/2020 23:05	WG1472473
Naphthalene	ND		2.50	1	05/07/2020 23:05	WG1472473
n-Propylbenzene	ND		0.500	1	05/07/2020 23:05	WG1472473
Styrene	ND		0.500	1	05/07/2020 23:05	WG1472473
1,1,1,2-Tetrachloroethane	ND		0.500	1	05/07/2020 23:05	WG1472473
1,1,2,2-Tetrachloroethane	ND		0.500	1	05/07/2020 23:05	WG1472473
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	05/07/2020 23:05	WG1472473
Tetrachloroethene	ND		0.500	1	05/07/2020 23:05	WG1472473
Toluene	ND		0.500	1	05/07/2020 23:05	WG1472473
1,2,3-Trichlorobenzene	ND		0.500	1	05/07/2020 23:05	WG1472473

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Collected date/time: 05/05/20 13:00

L1215750

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,2,4-Trichlorobenzene	ND		1.00	1	05/07/2020 23:05	WG1472473
1,1,1-Trichloroethane	ND		0.500	1	05/07/2020 23:05	WG1472473
1,1,2-Trichloroethane	ND		0.500	1	05/07/2020 23:05	WG1472473
Trichloroethene	0.570		0.500	1	05/07/2020 23:05	WG1472473
Trichlorofluoromethane	ND		2.50	1	05/07/2020 23:05	WG1472473
1,2,3-Trichloropropane	ND		2.50	1	05/07/2020 23:05	WG1472473
1,2,4-Trimethylbenzene	ND		0.500	1	05/07/2020 23:05	WG1472473
1,1,3-Trimethylbenzene	ND		0.500	1	05/07/2020 23:05	WG1472473
1,3,5-Trimethylbenzene	ND		0.500	1	05/07/2020 23:05	WG1472473
Vinyl chloride	ND		0.500	1	05/07/2020 23:05	WG1472473
Xylenes, Total	ND		1.50	1	05/07/2020 23:05	WG1472473
(S) Toluene-d8	108		80.0-120		05/07/2020 23:05	WG1472473
(S) 4-Bromofluorobenzene	103		77.0-126		05/07/2020 23:05	WG1472473
(S) 1,2-Dichloroethane-d4	113		70.0-130		05/07/2020 23:05	WG1472473

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc



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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	51.9	<u>JO J4</u>	25.0	1	05/07/2020 23:24	WG1472473
Acrolein	ND		50.0	1	05/07/2020 23:24	WG1472473
Acrylonitrile	ND		5.00	1	05/07/2020 23:24	WG1472473
Benzene	ND		0.500	1	05/07/2020 23:24	WG1472473
Bromobenzene	ND		0.500	1	05/07/2020 23:24	WG1472473
Bromodichloromethane	ND		0.500	1	05/07/2020 23:24	WG1472473
Bromoform	ND		0.500	1	05/07/2020 23:24	WG1472473
Bromomethane	ND		2.50	1	05/07/2020 23:24	WG1472473
n-Butylbenzene	ND		0.500	1	05/07/2020 23:24	WG1472473
sec-Butylbenzene	ND		0.500	1	05/07/2020 23:24	WG1472473
tert-Butylbenzene	ND		0.500	1	05/07/2020 23:24	WG1472473
Carbon disulfide	ND		0.500	1	05/07/2020 23:24	WG1472473
Carbon tetrachloride	ND		0.500	1	05/07/2020 23:24	WG1472473
Chlorobenzene	ND		0.500	1	05/07/2020 23:24	WG1472473
Chlorodibromomethane	ND		0.500	1	05/07/2020 23:24	WG1472473
Chloroethane	ND		2.50	1	05/07/2020 23:24	WG1472473
Chloroform	ND		0.500	1	05/07/2020 23:24	WG1472473
Chloromethane	ND		1.25	1	05/07/2020 23:24	WG1472473
2-Chlorotoluene	ND		0.500	1	05/07/2020 23:24	WG1472473
4-Chlorotoluene	ND		0.500	1	05/07/2020 23:24	WG1472473
1,2-Dibromo-3-Chloropropane	ND		2.50	1	05/07/2020 23:24	WG1472473
1,2-Dibromoethane	ND		0.500	1	05/07/2020 23:24	WG1472473
Dibromomethane	ND		0.500	1	05/07/2020 23:24	WG1472473
1,2-Dichlorobenzene	ND		0.500	1	05/07/2020 23:24	WG1472473
1,3-Dichlorobenzene	ND		0.500	1	05/07/2020 23:24	WG1472473
1,4-Dichlorobenzene	ND		0.500	1	05/07/2020 23:24	WG1472473
Dichlorodifluoromethane	ND		2.50	1	05/07/2020 23:24	WG1472473
1,1-Dichloroethane	ND		0.500	1	05/07/2020 23:24	WG1472473
1,2-Dichloroethane	ND		0.500	1	05/07/2020 23:24	WG1472473
1,1-Dichloroethene	ND		0.500	1	05/07/2020 23:24	WG1472473
cis-1,2-Dichloroethene	1.75		0.500	1	05/07/2020 23:24	WG1472473
trans-1,2-Dichloroethene	ND		0.500	1	05/07/2020 23:24	WG1472473
1,2-Dichloropropane	ND		0.500	1	05/07/2020 23:24	WG1472473
1,1-Dichloropropene	ND		0.500	1	05/07/2020 23:24	WG1472473
1,3-Dichloropropane	ND		1.00	1	05/07/2020 23:24	WG1472473
cis-1,3-Dichloropropene	ND		0.500	1	05/07/2020 23:24	WG1472473
trans-1,3-Dichloropropene	ND		0.500	1	05/07/2020 23:24	WG1472473
2,2-Dichloropropane	ND		0.500	1	05/07/2020 23:24	WG1472473
Di-isopropyl ether	ND		0.500	1	05/07/2020 23:24	WG1472473
Ethylbenzene	ND		0.500	1	05/07/2020 23:24	WG1472473
Hexachloro-1,3-butadiene	ND		1.00	1	05/07/2020 23:24	WG1472473
Isopropylbenzene	ND		0.500	1	05/07/2020 23:24	WG1472473
p-Isopropyltoluene	ND		0.500	1	05/07/2020 23:24	WG1472473
2-Butanone (MEK)	ND		5.00	1	05/07/2020 23:24	WG1472473
Methylene Chloride	ND		2.50	1	05/07/2020 23:24	WG1472473
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	05/07/2020 23:24	WG1472473
Methyl tert-butyl ether	ND		0.500	1	05/07/2020 23:24	WG1472473
Naphthalene	ND		2.50	1	05/07/2020 23:24	WG1472473
n-Propylbenzene	ND		0.500	1	05/07/2020 23:24	WG1472473
Styrene	ND		0.500	1	05/07/2020 23:24	WG1472473
1,1,1,2-Tetrachloroethane	ND		0.500	1	05/07/2020 23:24	WG1472473
1,1,2,2-Tetrachloroethane	ND		0.500	1	05/07/2020 23:24	WG1472473
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	05/07/2020 23:24	WG1472473
Tetrachloroethene	ND		0.500	1	05/07/2020 23:24	WG1472473
Toluene	ND		0.500	1	05/07/2020 23:24	WG1472473
1,2,3-Trichlorobenzene	ND		0.500	1	05/07/2020 23:24	WG1472473

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Collected date/time: 05/05/20 12:50

L1215750

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,2,4-Trichlorobenzene	ND		1.00	1	05/07/2020 23:24	WG1472473
1,1,1-Trichloroethane	ND		0.500	1	05/07/2020 23:24	WG1472473
1,1,2-Trichloroethane	ND		0.500	1	05/07/2020 23:24	WG1472473
Trichloroethene	4.81		0.500	1	05/07/2020 23:24	WG1472473
Trichlorofluoromethane	ND		2.50	1	05/07/2020 23:24	WG1472473
1,2,3-Trichloropropane	ND		2.50	1	05/07/2020 23:24	WG1472473
1,2,4-Trimethylbenzene	ND		0.500	1	05/07/2020 23:24	WG1472473
1,2,3-Trimethylbenzene	ND		0.500	1	05/07/2020 23:24	WG1472473
1,3,5-Trimethylbenzene	ND		0.500	1	05/07/2020 23:24	WG1472473
Vinyl chloride	ND		0.500	1	05/07/2020 23:24	WG1472473
Xylenes, Total	ND		1.50	1	05/07/2020 23:24	WG1472473
(S) Toluene-d8	110		80.0-120		05/07/2020 23:24	WG1472473
(S) 4-Bromofluorobenzene	102		77.0-126		05/07/2020 23:24	WG1472473
(S) 1,2-Dichloroethane-d4	116		70.0-130		05/07/2020 23:24	WG1472473

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc



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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND		25.0	1	05/13/2020 14:00	WG1475270
Acrolein	ND		50.0	1	05/13/2020 14:00	WG1475270
Acrylonitrile	ND		5.00	1	05/13/2020 14:00	WG1475270
Benzene	ND		0.500	1	05/13/2020 14:00	WG1475270
Bromobenzene	ND		0.500	1	05/13/2020 14:00	WG1475270
Bromodichloromethane	ND		0.500	1	05/13/2020 14:00	WG1475270
Bromoform	ND		0.500	1	05/13/2020 14:00	WG1475270
Bromomethane	ND		2.50	1	05/13/2020 14:00	WG1475270
n-Butylbenzene	ND		0.500	1	05/13/2020 14:00	WG1475270
sec-Butylbenzene	ND		0.500	1	05/13/2020 14:00	WG1475270
tert-Butylbenzene	ND		0.500	1	05/13/2020 14:00	WG1475270
Carbon disulfide	ND		0.500	1	05/13/2020 14:00	WG1475270
Carbon tetrachloride	ND		0.500	1	05/13/2020 14:00	WG1475270
Chlorobenzene	ND		0.500	1	05/13/2020 14:00	WG1475270
Chlorodibromomethane	ND		0.500	1	05/13/2020 14:00	WG1475270
Chloroethane	ND		2.50	1	05/13/2020 14:00	WG1475270
Chloroform	ND		0.500	1	05/13/2020 14:00	WG1475270
Chloromethane	ND		1.25	1	05/13/2020 14:00	WG1475270
2-Chlorotoluene	ND		0.500	1	05/13/2020 14:00	WG1475270
4-Chlorotoluene	ND		0.500	1	05/13/2020 14:00	WG1475270
1,2-Dibromo-3-Chloropropane	ND		2.50	1	05/13/2020 14:00	WG1475270
1,2-Dibromoethane	ND		0.500	1	05/13/2020 14:00	WG1475270
Dibromomethane	ND		0.500	1	05/13/2020 14:00	WG1475270
1,2-Dichlorobenzene	ND		0.500	1	05/13/2020 14:00	WG1475270
1,3-Dichlorobenzene	ND		0.500	1	05/13/2020 14:00	WG1475270
1,4-Dichlorobenzene	ND		0.500	1	05/13/2020 14:00	WG1475270
Dichlorodifluoromethane	ND		2.50	1	05/13/2020 14:00	WG1475270
1,1-Dichloroethane	ND		0.500	1	05/13/2020 14:00	WG1475270
1,2-Dichloroethane	ND		0.500	1	05/13/2020 14:00	WG1475270
1,1-Dichloroethene	ND		0.500	1	05/13/2020 14:00	WG1475270
cis-1,2-Dichloroethene	ND		0.500	1	05/13/2020 14:00	WG1475270
trans-1,2-Dichloroethene	ND		0.500	1	05/13/2020 14:00	WG1475270
1,2-Dichloropropane	ND		0.500	1	05/13/2020 14:00	WG1475270
1,1-Dichloropropene	ND		0.500	1	05/13/2020 14:00	WG1475270
1,3-Dichloropropane	ND		1.00	1	05/13/2020 14:00	WG1475270
cis-1,3-Dichloropropene	ND		0.500	1	05/13/2020 14:00	WG1475270
trans-1,3-Dichloropropene	ND		0.500	1	05/13/2020 14:00	WG1475270
2,2-Dichloropropane	ND		0.500	1	05/13/2020 14:00	WG1475270
Di-isopropyl ether	ND		0.500	1	05/13/2020 14:00	WG1475270
Ethylbenzene	ND		0.500	1	05/13/2020 14:00	WG1475270
Hexachloro-1,3-butadiene	ND		1.00	1	05/13/2020 14:00	WG1475270
Isopropylbenzene	ND		0.500	1	05/13/2020 14:00	WG1475270
p-Isopropyltoluene	ND		0.500	1	05/13/2020 14:00	WG1475270
2-Butanone (MEK)	ND		5.00	1	05/13/2020 14:00	WG1475270
Methylene Chloride	ND		2.50	1	05/13/2020 14:00	WG1475270
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	05/13/2020 14:00	WG1475270
Methyl tert-butyl ether	ND		0.500	1	05/13/2020 14:00	WG1475270
Naphthalene	ND		2.50	1	05/13/2020 14:00	WG1475270
n-Propylbenzene	ND		0.500	1	05/13/2020 14:00	WG1475270
Styrene	ND		0.500	1	05/13/2020 14:00	WG1475270
1,1,1,2-Tetrachloroethane	ND		0.500	1	05/13/2020 14:00	WG1475270
1,1,2,2-Tetrachloroethane	ND		0.500	1	05/13/2020 14:00	WG1475270
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	05/13/2020 14:00	WG1475270
Tetrachloroethene	ND		0.500	1	05/13/2020 14:00	WG1475270
Toluene	ND		0.500	1	05/13/2020 14:00	WG1475270
1,2,3-Trichlorobenzene	ND		0.500	1	05/13/2020 14:00	WG1475270

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Collected date/time: 05/05/20 14:40

L1215750

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,2,4-Trichlorobenzene	ND		1.00	1	05/13/2020 14:00	WG1475270
1,1,1-Trichloroethane	ND		0.500	1	05/13/2020 14:00	WG1475270
1,1,2-Trichloroethane	ND		0.500	1	05/13/2020 14:00	WG1475270
Trichloroethene	ND		0.500	1	05/13/2020 14:00	WG1475270
Trichlorofluoromethane	ND		2.50	1	05/13/2020 14:00	WG1475270
1,2,3-Trichloropropane	ND		2.50	1	05/13/2020 14:00	WG1475270
1,2,4-Trimethylbenzene	ND		0.500	1	05/13/2020 14:00	WG1475270
1,2,3-Trimethylbenzene	ND		0.500	1	05/13/2020 14:00	WG1475270
1,3,5-Trimethylbenzene	ND		0.500	1	05/13/2020 14:00	WG1475270
Vinyl chloride	ND		0.500	1	05/13/2020 14:00	WG1475270
Xylenes, Total	ND		1.50	1	05/13/2020 14:00	WG1475270
(S) Toluene-d8	108		80.0-120		05/13/2020 14:00	WG1475270
(S) 4-Bromofluorobenzene	109		77.0-126		05/13/2020 14:00	WG1475270
(S) 1,2-Dichloroethane-d4	114		70.0-130		05/13/2020 14:00	WG1475270

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc



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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	59.7	JO J4	25.0	1	05/08/2020 00:03	WG1472473
Acrolein	ND		50.0	1	05/08/2020 00:03	WG1472473
Acrylonitrile	ND		5.00	1	05/08/2020 00:03	WG1472473
Benzene	ND		0.500	1	05/08/2020 00:03	WG1472473
Bromobenzene	ND		0.500	1	05/08/2020 00:03	WG1472473
Bromodichloromethane	ND		0.500	1	05/08/2020 00:03	WG1472473
Bromoform	ND		0.500	1	05/08/2020 00:03	WG1472473
Bromomethane	ND		2.50	1	05/08/2020 00:03	WG1472473
n-Butylbenzene	ND		0.500	1	05/08/2020 00:03	WG1472473
sec-Butylbenzene	ND		0.500	1	05/08/2020 00:03	WG1472473
tert-Butylbenzene	ND		0.500	1	05/08/2020 00:03	WG1472473
Carbon disulfide	ND		0.500	1	05/08/2020 00:03	WG1472473
Carbon tetrachloride	ND		0.500	1	05/08/2020 00:03	WG1472473
Chlorobenzene	ND		0.500	1	05/08/2020 00:03	WG1472473
Chlorodibromomethane	ND		0.500	1	05/08/2020 00:03	WG1472473
Chloroethane	ND		2.50	1	05/08/2020 00:03	WG1472473
Chloroform	ND		0.500	1	05/08/2020 00:03	WG1472473
Chloromethane	ND		1.25	1	05/08/2020 00:03	WG1472473
2-Chlorotoluene	ND		0.500	1	05/08/2020 00:03	WG1472473
4-Chlorotoluene	ND		0.500	1	05/08/2020 00:03	WG1472473
1,2-Dibromo-3-Chloropropane	ND		2.50	1	05/08/2020 00:03	WG1472473
1,2-Dibromoethane	ND		0.500	1	05/08/2020 00:03	WG1472473
Dibromomethane	ND		0.500	1	05/08/2020 00:03	WG1472473
1,2-Dichlorobenzene	ND		0.500	1	05/08/2020 00:03	WG1472473
1,3-Dichlorobenzene	ND		0.500	1	05/08/2020 00:03	WG1472473
1,4-Dichlorobenzene	ND		0.500	1	05/08/2020 00:03	WG1472473
Dichlorodifluoromethane	ND		2.50	1	05/08/2020 00:03	WG1472473
1,1-Dichloroethane	ND		0.500	1	05/08/2020 00:03	WG1472473
1,2-Dichloroethane	ND		0.500	1	05/08/2020 00:03	WG1472473
1,1-Dichloroethene	ND		0.500	1	05/08/2020 00:03	WG1472473
cis-1,2-Dichloroethene	ND		0.500	1	05/08/2020 00:03	WG1472473
trans-1,2-Dichloroethene	ND		0.500	1	05/08/2020 00:03	WG1472473
1,2-Dichloropropane	ND		0.500	1	05/08/2020 00:03	WG1472473
1,1-Dichloropropene	ND		0.500	1	05/08/2020 00:03	WG1472473
1,3-Dichloropropane	ND		1.00	1	05/08/2020 00:03	WG1472473
cis-1,3-Dichloropropene	ND		0.500	1	05/08/2020 00:03	WG1472473
trans-1,3-Dichloropropene	ND		0.500	1	05/08/2020 00:03	WG1472473
2,2-Dichloropropane	ND		0.500	1	05/08/2020 00:03	WG1472473
Di-isopropyl ether	ND		0.500	1	05/08/2020 00:03	WG1472473
Ethylbenzene	ND		0.500	1	05/08/2020 00:03	WG1472473
Hexachloro-1,3-butadiene	ND		1.00	1	05/08/2020 00:03	WG1472473
Isopropylbenzene	ND		0.500	1	05/08/2020 00:03	WG1472473
p-Isopropyltoluene	ND		0.500	1	05/08/2020 00:03	WG1472473
2-Butanone (MEK)	ND		5.00	1	05/08/2020 00:03	WG1472473
Methylene Chloride	ND		2.50	1	05/08/2020 00:03	WG1472473
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	05/08/2020 00:03	WG1472473
Methyl tert-butyl ether	ND		0.500	1	05/08/2020 00:03	WG1472473
Naphthalene	ND		2.50	1	05/08/2020 00:03	WG1472473
n-Propylbenzene	ND		0.500	1	05/08/2020 00:03	WG1472473
Styrene	ND		0.500	1	05/08/2020 00:03	WG1472473
1,1,1,2-Tetrachloroethane	ND		0.500	1	05/08/2020 00:03	WG1472473
1,1,2,2-Tetrachloroethane	ND		0.500	1	05/08/2020 00:03	WG1472473
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	05/08/2020 00:03	WG1472473
Tetrachloroethene	ND		0.500	1	05/08/2020 00:03	WG1472473
Toluene	ND		0.500	1	05/08/2020 00:03	WG1472473
1,2,3-Trichlorobenzene	ND		0.500	1	05/08/2020 00:03	WG1472473

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 8260D

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,2,4-Trichlorobenzene	ND		1.00	1	05/08/2020 00:03	WG1472473
1,1,1-Trichloroethane	ND		0.500	1	05/08/2020 00:03	WG1472473
1,1,2-Trichloroethane	ND		0.500	1	05/08/2020 00:03	WG1472473
Trichloroethene	2.04		0.500	1	05/08/2020 00:03	WG1472473
Trichlorofluoromethane	ND		2.50	1	05/08/2020 00:03	WG1472473
1,2,3-Trichloropropane	ND		2.50	1	05/08/2020 00:03	WG1472473
1,2,4-Trimethylbenzene	ND		0.500	1	05/08/2020 00:03	WG1472473
1,2,3-Trimethylbenzene	ND		0.500	1	05/08/2020 00:03	WG1472473
1,3,5-Trimethylbenzene	ND		0.500	1	05/08/2020 00:03	WG1472473
Vinyl chloride	ND		0.500	1	05/08/2020 00:03	WG1472473
Xylenes, Total	ND		1.50	1	05/08/2020 00:03	WG1472473
(S) Toluene-d8	108		80.0-120		05/08/2020 00:03	WG1472473
(S) 4-Bromofluorobenzene	102		77.0-126		05/08/2020 00:03	WG1472473
(S) 1,2-Dichloroethane-d4	117		70.0-130		05/08/2020 00:03	WG1472473

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 8260D

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	43.0	<u>JO J4</u>	25.0	1	05/08/2020 00:22	WG1472473
Acrolein	ND		50.0	1	05/08/2020 00:22	WG1472473
Acrylonitrile	ND		5.00	1	05/08/2020 00:22	WG1472473
Benzene	ND		0.500	1	05/08/2020 00:22	WG1472473
Bromobenzene	ND		0.500	1	05/08/2020 00:22	WG1472473
Bromodichloromethane	ND		0.500	1	05/08/2020 00:22	WG1472473
Bromoform	ND		0.500	1	05/08/2020 00:22	WG1472473
Bromomethane	ND		2.50	1	05/08/2020 00:22	WG1472473
n-Butylbenzene	ND		0.500	1	05/08/2020 00:22	WG1472473
sec-Butylbenzene	ND		0.500	1	05/08/2020 00:22	WG1472473
tert-Butylbenzene	ND		0.500	1	05/08/2020 00:22	WG1472473
Carbon disulfide	ND		0.500	1	05/08/2020 00:22	WG1472473
Carbon tetrachloride	ND		0.500	1	05/08/2020 00:22	WG1472473
Chlorobenzene	ND		0.500	1	05/08/2020 00:22	WG1472473
Chlorodibromomethane	ND		0.500	1	05/08/2020 00:22	WG1472473
Chloroethane	ND		2.50	1	05/08/2020 00:22	WG1472473
Chloroform	ND		0.500	1	05/08/2020 00:22	WG1472473
Chloromethane	ND		1.25	1	05/08/2020 00:22	WG1472473
2-Chlorotoluene	ND		0.500	1	05/08/2020 00:22	WG1472473
4-Chlorotoluene	ND		0.500	1	05/08/2020 00:22	WG1472473
1,2-Dibromo-3-Chloropropane	ND		2.50	1	05/08/2020 00:22	WG1472473
1,2-Dibromoethane	ND		0.500	1	05/08/2020 00:22	WG1472473
Dibromomethane	ND		0.500	1	05/08/2020 00:22	WG1472473
1,2-Dichlorobenzene	ND		0.500	1	05/08/2020 00:22	WG1472473
1,3-Dichlorobenzene	ND		0.500	1	05/08/2020 00:22	WG1472473
1,4-Dichlorobenzene	ND		0.500	1	05/08/2020 00:22	WG1472473
Dichlorodifluoromethane	ND		2.50	1	05/08/2020 00:22	WG1472473
1,1-Dichloroethane	ND		0.500	1	05/08/2020 00:22	WG1472473
1,2-Dichloroethane	ND		0.500	1	05/08/2020 00:22	WG1472473
1,1-Dichloroethene	ND		0.500	1	05/08/2020 00:22	WG1472473
cis-1,2-Dichloroethene	ND		0.500	1	05/08/2020 00:22	WG1472473
trans-1,2-Dichloroethene	ND		0.500	1	05/08/2020 00:22	WG1472473
1,2-Dichloropropane	ND		0.500	1	05/08/2020 00:22	WG1472473
1,1-Dichloropropene	ND		0.500	1	05/08/2020 00:22	WG1472473
1,3-Dichloropropane	ND		1.00	1	05/08/2020 00:22	WG1472473
cis-1,3-Dichloropropene	ND		0.500	1	05/08/2020 00:22	WG1472473
trans-1,3-Dichloropropene	ND		0.500	1	05/08/2020 00:22	WG1472473
2,2-Dichloropropane	ND		0.500	1	05/08/2020 00:22	WG1472473
Di-isopropyl ether	ND		0.500	1	05/08/2020 00:22	WG1472473
Ethylbenzene	ND		0.500	1	05/08/2020 00:22	WG1472473
Hexachloro-1,3-butadiene	ND		1.00	1	05/08/2020 00:22	WG1472473
Isopropylbenzene	ND		0.500	1	05/08/2020 00:22	WG1472473
p-Isopropyltoluene	ND		0.500	1	05/08/2020 00:22	WG1472473
2-Butanone (MEK)	ND		5.00	1	05/08/2020 00:22	WG1472473
Methylene Chloride	ND		2.50	1	05/08/2020 00:22	WG1472473
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	05/08/2020 00:22	WG1472473
Methyl tert-butyl ether	ND		0.500	1	05/08/2020 00:22	WG1472473
Naphthalene	ND		2.50	1	05/08/2020 00:22	WG1472473
n-Propylbenzene	ND		0.500	1	05/08/2020 00:22	WG1472473
Styrene	ND		0.500	1	05/08/2020 00:22	WG1472473
1,1,1,2-Tetrachloroethane	ND		0.500	1	05/08/2020 00:22	WG1472473
1,1,2,2-Tetrachloroethane	ND		0.500	1	05/08/2020 00:22	WG1472473
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	05/08/2020 00:22	WG1472473
Tetrachloroethene	ND		0.500	1	05/08/2020 00:22	WG1472473
Toluene	ND		0.500	1	05/08/2020 00:22	WG1472473
1,2,3-Trichlorobenzene	ND		0.500	1	05/08/2020 00:22	WG1472473

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 8260D

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,2,4-Trichlorobenzene	ND		1.00	1	05/08/2020 00:22	WG1472473
1,1,1-Trichloroethane	ND		0.500	1	05/08/2020 00:22	WG1472473
1,1,2-Trichloroethane	ND		0.500	1	05/08/2020 00:22	WG1472473
Trichloroethene	0.864		0.500	1	05/08/2020 00:22	WG1472473
Trichlorofluoromethane	ND		2.50	1	05/08/2020 00:22	WG1472473
1,2,3-Trichloropropane	ND		2.50	1	05/08/2020 00:22	WG1472473
1,2,4-Trimethylbenzene	ND		0.500	1	05/08/2020 00:22	WG1472473
1,2,3-Trimethylbenzene	ND		0.500	1	05/08/2020 00:22	WG1472473
1,3,5-Trimethylbenzene	ND		0.500	1	05/08/2020 00:22	WG1472473
Vinyl chloride	ND		0.500	1	05/08/2020 00:22	WG1472473
Xylenes, Total	ND		1.50	1	05/08/2020 00:22	WG1472473
(S) Toluene-d8	109		80.0-120		05/08/2020 00:22	WG1472473
(S) 4-Bromofluorobenzene	104		77.0-126		05/08/2020 00:22	WG1472473
(S) 1,2-Dichloroethane-d4	117		70.0-130		05/08/2020 00:22	WG1472473

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc



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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	40.5	<u>JO J4</u>	25.0	1	05/08/2020 00:41	WG1472473
Acrolein	ND		50.0	1	05/08/2020 00:41	WG1472473
Acrylonitrile	ND		5.00	1	05/08/2020 00:41	WG1472473
Benzene	ND		0.500	1	05/08/2020 00:41	WG1472473
Bromobenzene	ND		0.500	1	05/08/2020 00:41	WG1472473
Bromodichloromethane	ND		0.500	1	05/08/2020 00:41	WG1472473
Bromoform	ND		0.500	1	05/08/2020 00:41	WG1472473
Bromomethane	ND		2.50	1	05/08/2020 00:41	WG1472473
n-Butylbenzene	ND		0.500	1	05/08/2020 00:41	WG1472473
sec-Butylbenzene	ND		0.500	1	05/08/2020 00:41	WG1472473
tert-Butylbenzene	ND		0.500	1	05/08/2020 00:41	WG1472473
Carbon disulfide	ND		0.500	1	05/08/2020 00:41	WG1472473
Carbon tetrachloride	ND		0.500	1	05/08/2020 00:41	WG1472473
Chlorobenzene	ND		0.500	1	05/08/2020 00:41	WG1472473
Chlorodibromomethane	ND		0.500	1	05/08/2020 00:41	WG1472473
Chloroethane	ND		2.50	1	05/08/2020 00:41	WG1472473
Chloroform	ND		0.500	1	05/08/2020 00:41	WG1472473
Chloromethane	ND		1.25	1	05/08/2020 00:41	WG1472473
2-Chlorotoluene	ND		0.500	1	05/08/2020 00:41	WG1472473
4-Chlorotoluene	ND		0.500	1	05/08/2020 00:41	WG1472473
1,2-Dibromo-3-Chloropropane	ND		2.50	1	05/08/2020 00:41	WG1472473
1,2-Dibromoethane	ND		0.500	1	05/08/2020 00:41	WG1472473
Dibromomethane	ND		0.500	1	05/08/2020 00:41	WG1472473
1,2-Dichlorobenzene	ND		0.500	1	05/08/2020 00:41	WG1472473
1,3-Dichlorobenzene	ND		0.500	1	05/08/2020 00:41	WG1472473
1,4-Dichlorobenzene	ND		0.500	1	05/08/2020 00:41	WG1472473
Dichlorodifluoromethane	ND		2.50	1	05/08/2020 00:41	WG1472473
1,1-Dichloroethane	ND		0.500	1	05/08/2020 00:41	WG1472473
1,2-Dichloroethane	ND		0.500	1	05/08/2020 00:41	WG1472473
1,1-Dichloroethene	ND		0.500	1	05/08/2020 00:41	WG1472473
cis-1,2-Dichloroethene	18.0		0.500	1	05/08/2020 00:41	WG1472473
trans-1,2-Dichloroethene	ND		0.500	1	05/08/2020 00:41	WG1472473
1,2-Dichloropropane	ND		0.500	1	05/08/2020 00:41	WG1472473
1,1-Dichloropropene	ND		0.500	1	05/08/2020 00:41	WG1472473
1,3-Dichloropropane	ND		1.00	1	05/08/2020 00:41	WG1472473
cis-1,3-Dichloropropene	ND		0.500	1	05/08/2020 00:41	WG1472473
trans-1,3-Dichloropropene	ND		0.500	1	05/08/2020 00:41	WG1472473
2,2-Dichloropropane	ND		0.500	1	05/08/2020 00:41	WG1472473
Di-isopropyl ether	ND		0.500	1	05/08/2020 00:41	WG1472473
Ethylbenzene	ND		0.500	1	05/08/2020 00:41	WG1472473
Hexachloro-1,3-butadiene	ND		1.00	1	05/08/2020 00:41	WG1472473
Isopropylbenzene	ND		0.500	1	05/08/2020 00:41	WG1472473
p-Isopropyltoluene	ND		0.500	1	05/08/2020 00:41	WG1472473
2-Butanone (MEK)	ND		5.00	1	05/08/2020 00:41	WG1472473
Methylene Chloride	ND		2.50	1	05/08/2020 00:41	WG1472473
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	05/08/2020 00:41	WG1472473
Methyl tert-butyl ether	ND		0.500	1	05/08/2020 00:41	WG1472473
Naphthalene	ND		2.50	1	05/08/2020 00:41	WG1472473
n-Propylbenzene	ND		0.500	1	05/08/2020 00:41	WG1472473
Styrene	ND		0.500	1	05/08/2020 00:41	WG1472473
1,1,1,2-Tetrachloroethane	ND		0.500	1	05/08/2020 00:41	WG1472473
1,1,2,2-Tetrachloroethane	ND		0.500	1	05/08/2020 00:41	WG1472473
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	05/08/2020 00:41	WG1472473
Tetrachloroethene	1.51		0.500	1	05/08/2020 00:41	WG1472473
Toluene	ND		0.500	1	05/08/2020 00:41	WG1472473
1,2,3-Trichlorobenzene	ND		0.500	1	05/08/2020 00:41	WG1472473

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 8260D

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,2,4-Trichlorobenzene	ND		1.00	1	05/08/2020 00:41	WG1472473
1,1,1-Trichloroethane	ND		0.500	1	05/08/2020 00:41	WG1472473
1,1,2-Trichloroethane	ND		0.500	1	05/08/2020 00:41	WG1472473
Trichloroethene	59.9		0.500	1	05/08/2020 00:41	WG1472473
Trichlorofluoromethane	ND		2.50	1	05/08/2020 00:41	WG1472473
1,2,3-Trichloropropane	ND		2.50	1	05/08/2020 00:41	WG1472473
1,2,4-Trimethylbenzene	ND		0.500	1	05/08/2020 00:41	WG1472473
1,2,3-Trimethylbenzene	ND		0.500	1	05/08/2020 00:41	WG1472473
1,3,5-Trimethylbenzene	ND		0.500	1	05/08/2020 00:41	WG1472473
Vinyl chloride	ND		0.500	1	05/08/2020 00:41	WG1472473
Xylenes, Total	ND		1.50	1	05/08/2020 00:41	WG1472473
(S) Toluene-d8	107		80.0-120		05/08/2020 00:41	WG1472473
(S) 4-Bromofluorobenzene	101		77.0-126		05/08/2020 00:41	WG1472473
(S) 1,2-Dichloroethane-d4	117		70.0-130		05/08/2020 00:41	WG1472473

1
Cp2
Tc3
Ss4
Cn5
Sr6
Qc7
Gl8
Al9
Sc



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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	117	<u>JO J4</u>	25.0	1	05/08/2020 01:00	WG1472473
Acrolein	ND		50.0	1	05/08/2020 01:00	WG1472473
Acrylonitrile	ND		5.00	1	05/08/2020 01:00	WG1472473
Benzene	ND		0.500	1	05/08/2020 01:00	WG1472473
Bromobenzene	ND		0.500	1	05/08/2020 01:00	WG1472473
Bromodichloromethane	ND		0.500	1	05/08/2020 01:00	WG1472473
Bromoform	ND		0.500	1	05/08/2020 01:00	WG1472473
Bromomethane	ND		2.50	1	05/08/2020 01:00	WG1472473
n-Butylbenzene	ND		0.500	1	05/08/2020 01:00	WG1472473
sec-Butylbenzene	ND		0.500	1	05/08/2020 01:00	WG1472473
tert-Butylbenzene	ND		0.500	1	05/08/2020 01:00	WG1472473
Carbon disulfide	ND		0.500	1	05/08/2020 01:00	WG1472473
Carbon tetrachloride	ND		0.500	1	05/08/2020 01:00	WG1472473
Chlorobenzene	ND		0.500	1	05/08/2020 01:00	WG1472473
Chlorodibromomethane	ND		0.500	1	05/08/2020 01:00	WG1472473
Chloroethane	ND		2.50	1	05/08/2020 01:00	WG1472473
Chloroform	ND		0.500	1	05/08/2020 01:00	WG1472473
Chloromethane	ND		1.25	1	05/08/2020 01:00	WG1472473
2-Chlorotoluene	ND		0.500	1	05/08/2020 01:00	WG1472473
4-Chlorotoluene	ND		0.500	1	05/08/2020 01:00	WG1472473
1,2-Dibromo-3-Chloropropane	ND		2.50	1	05/08/2020 01:00	WG1472473
1,2-Dibromoethane	ND		0.500	1	05/08/2020 01:00	WG1472473
Dibromomethane	ND		0.500	1	05/08/2020 01:00	WG1472473
1,2-Dichlorobenzene	ND		0.500	1	05/08/2020 01:00	WG1472473
1,3-Dichlorobenzene	ND		0.500	1	05/08/2020 01:00	WG1472473
1,4-Dichlorobenzene	ND		0.500	1	05/08/2020 01:00	WG1472473
Dichlorodifluoromethane	ND		2.50	1	05/08/2020 01:00	WG1472473
1,1-Dichloroethane	ND		0.500	1	05/08/2020 01:00	WG1472473
1,2-Dichloroethane	ND		0.500	1	05/08/2020 01:00	WG1472473
1,1-Dichloroethene	ND		0.500	1	05/08/2020 01:00	WG1472473
cis-1,2-Dichloroethene	ND		0.500	1	05/08/2020 01:00	WG1472473
trans-1,2-Dichloroethene	ND		0.500	1	05/08/2020 01:00	WG1472473
1,2-Dichloropropane	ND		0.500	1	05/08/2020 01:00	WG1472473
1,1-Dichloropropene	ND		0.500	1	05/08/2020 01:00	WG1472473
1,3-Dichloropropane	ND		1.00	1	05/08/2020 01:00	WG1472473
cis-1,3-Dichloropropene	ND		0.500	1	05/08/2020 01:00	WG1472473
trans-1,3-Dichloropropene	ND		0.500	1	05/08/2020 01:00	WG1472473
2,2-Dichloropropane	ND		0.500	1	05/08/2020 01:00	WG1472473
Di-isopropyl ether	ND		0.500	1	05/08/2020 01:00	WG1472473
Ethylbenzene	ND		0.500	1	05/08/2020 01:00	WG1472473
Hexachloro-1,3-butadiene	ND		1.00	1	05/08/2020 01:00	WG1472473
Isopropylbenzene	ND		0.500	1	05/08/2020 01:00	WG1472473
p-Isopropyltoluene	ND		0.500	1	05/08/2020 01:00	WG1472473
2-Butanone (MEK)	ND		5.00	1	05/08/2020 01:00	WG1472473
Methylene Chloride	ND		2.50	1	05/08/2020 01:00	WG1472473
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	05/08/2020 01:00	WG1472473
Methyl tert-butyl ether	ND		0.500	1	05/08/2020 01:00	WG1472473
Naphthalene	ND		2.50	1	05/08/2020 01:00	WG1472473
n-Propylbenzene	ND		0.500	1	05/08/2020 01:00	WG1472473
Styrene	ND		0.500	1	05/08/2020 01:00	WG1472473
1,1,1,2-Tetrachloroethane	ND		0.500	1	05/08/2020 01:00	WG1472473
1,1,2,2-Tetrachloroethane	ND		0.500	1	05/08/2020 01:00	WG1472473
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	05/08/2020 01:00	WG1472473
Tetrachloroethene	ND		0.500	1	05/08/2020 01:00	WG1472473
Toluene	ND		0.500	1	05/08/2020 01:00	WG1472473
1,2,3-Trichlorobenzene	ND		0.500	1	05/08/2020 01:00	WG1472473

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 8260D

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,2,4-Trichlorobenzene	ND		1.00	1	05/08/2020 01:00	WG1472473
1,1,1-Trichloroethane	ND		0.500	1	05/08/2020 01:00	WG1472473
1,1,2-Trichloroethane	ND		0.500	1	05/08/2020 01:00	WG1472473
Trichloroethene	9.54		0.500	1	05/08/2020 01:00	WG1472473
Trichlorofluoromethane	ND		2.50	1	05/08/2020 01:00	WG1472473
1,2,3-Trichloropropane	ND		2.50	1	05/08/2020 01:00	WG1472473
1,2,4-Trimethylbenzene	ND		0.500	1	05/08/2020 01:00	WG1472473
1,2,3-Trimethylbenzene	ND		0.500	1	05/08/2020 01:00	WG1472473
1,3,5-Trimethylbenzene	ND		0.500	1	05/08/2020 01:00	WG1472473
Vinyl chloride	ND		0.500	1	05/08/2020 01:00	WG1472473
Xylenes, Total	ND		1.50	1	05/08/2020 01:00	WG1472473
(S) Toluene-d8	108		80.0-120		05/08/2020 01:00	WG1472473
(S) 4-Bromofluorobenzene	101		77.0-126		05/08/2020 01:00	WG1472473
(S) 1,2-Dichloroethane-d4	117		70.0-130		05/08/2020 01:00	WG1472473

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc



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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND	<u>JO J4</u>	25.0	1	05/08/2020 01:19	WG1472473
Acrolein	ND		50.0	1	05/08/2020 01:19	WG1472473
Acrylonitrile	ND		5.00	1	05/08/2020 01:19	WG1472473
Benzene	ND		0.500	1	05/08/2020 01:19	WG1472473
Bromobenzene	ND		0.500	1	05/08/2020 01:19	WG1472473
Bromodichloromethane	ND		0.500	1	05/08/2020 01:19	WG1472473
Bromoform	ND		0.500	1	05/08/2020 01:19	WG1472473
Bromomethane	ND		2.50	1	05/08/2020 01:19	WG1472473
n-Butylbenzene	ND		0.500	1	05/08/2020 01:19	WG1472473
sec-Butylbenzene	ND		0.500	1	05/08/2020 01:19	WG1472473
tert-Butylbenzene	ND		0.500	1	05/08/2020 01:19	WG1472473
Carbon disulfide	ND		0.500	1	05/08/2020 01:19	WG1472473
Carbon tetrachloride	ND		0.500	1	05/08/2020 01:19	WG1472473
Chlorobenzene	ND		0.500	1	05/08/2020 01:19	WG1472473
Chlorodibromomethane	ND		0.500	1	05/08/2020 01:19	WG1472473
Chloroethane	ND		2.50	1	05/08/2020 01:19	WG1472473
Chloroform	0.720		0.500	1	05/08/2020 01:19	WG1472473
Chloromethane	ND		1.25	1	05/08/2020 01:19	WG1472473
2-Chlorotoluene	ND		0.500	1	05/08/2020 01:19	WG1472473
4-Chlorotoluene	ND		0.500	1	05/08/2020 01:19	WG1472473
1,2-Dibromo-3-Chloropropane	ND		2.50	1	05/08/2020 01:19	WG1472473
1,2-Dibromoethane	ND		0.500	1	05/08/2020 01:19	WG1472473
Dibromomethane	ND		0.500	1	05/08/2020 01:19	WG1472473
1,2-Dichlorobenzene	ND		0.500	1	05/08/2020 01:19	WG1472473
1,3-Dichlorobenzene	ND		0.500	1	05/08/2020 01:19	WG1472473
1,4-Dichlorobenzene	ND		0.500	1	05/08/2020 01:19	WG1472473
Dichlorodifluoromethane	ND		2.50	1	05/08/2020 01:19	WG1472473
1,1-Dichloroethane	ND		0.500	1	05/08/2020 01:19	WG1472473
1,2-Dichloroethane	ND		0.500	1	05/08/2020 01:19	WG1472473
1,1-Dichloroethene	ND		0.500	1	05/08/2020 01:19	WG1472473
cis-1,2-Dichloroethene	7.26		0.500	1	05/08/2020 01:19	WG1472473
trans-1,2-Dichloroethene	ND		0.500	1	05/08/2020 01:19	WG1472473
1,2-Dichloropropane	ND		0.500	1	05/08/2020 01:19	WG1472473
1,1-Dichloropropene	ND		0.500	1	05/08/2020 01:19	WG1472473
1,3-Dichloropropane	ND		1.00	1	05/08/2020 01:19	WG1472473
cis-1,3-Dichloropropene	ND		0.500	1	05/08/2020 01:19	WG1472473
trans-1,3-Dichloropropene	ND		0.500	1	05/08/2020 01:19	WG1472473
2,2-Dichloropropane	ND		0.500	1	05/08/2020 01:19	WG1472473
Di-isopropyl ether	ND		0.500	1	05/08/2020 01:19	WG1472473
Ethylbenzene	ND		0.500	1	05/08/2020 01:19	WG1472473
Hexachloro-1,3-butadiene	ND		1.00	1	05/08/2020 01:19	WG1472473
Isopropylbenzene	ND		0.500	1	05/08/2020 01:19	WG1472473
p-Isopropyltoluene	ND		0.500	1	05/08/2020 01:19	WG1472473
2-Butanone (MEK)	ND		5.00	1	05/08/2020 01:19	WG1472473
Methylene Chloride	ND		2.50	1	05/08/2020 01:19	WG1472473
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	05/08/2020 01:19	WG1472473
Methyl tert-butyl ether	ND		0.500	1	05/08/2020 01:19	WG1472473
Naphthalene	ND		2.50	1	05/08/2020 01:19	WG1472473
n-Propylbenzene	ND		0.500	1	05/08/2020 01:19	WG1472473
Styrene	ND		0.500	1	05/08/2020 01:19	WG1472473
1,1,1,2-Tetrachloroethane	ND		0.500	1	05/08/2020 01:19	WG1472473
1,1,2,2-Tetrachloroethane	ND		0.500	1	05/08/2020 01:19	WG1472473
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	05/08/2020 01:19	WG1472473
Tetrachloroethene	2.29		0.500	1	05/08/2020 01:19	WG1472473
Toluene	ND		0.500	1	05/08/2020 01:19	WG1472473
1,2,3-Trichlorobenzene	ND		0.500	1	05/08/2020 01:19	WG1472473

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 8260D

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,2,4-Trichlorobenzene	ND		1.00	1	05/08/2020 01:19	WG1472473
1,1,1-Trichloroethane	ND		0.500	1	05/08/2020 01:19	WG1472473
1,1,2-Trichloroethane	ND		0.500	1	05/08/2020 01:19	WG1472473
Trichloroethene	48.1		0.500	1	05/08/2020 01:19	WG1472473
Trichlorofluoromethane	ND		2.50	1	05/08/2020 01:19	WG1472473
1,2,3-Trichloropropane	ND		2.50	1	05/08/2020 01:19	WG1472473
1,2,4-Trimethylbenzene	ND		0.500	1	05/08/2020 01:19	WG1472473
1,2,3-Trimethylbenzene	ND		0.500	1	05/08/2020 01:19	WG1472473
1,3,5-Trimethylbenzene	ND		0.500	1	05/08/2020 01:19	WG1472473
Vinyl chloride	ND		0.500	1	05/08/2020 01:19	WG1472473
Xylenes, Total	ND		1.50	1	05/08/2020 01:19	WG1472473
(S) Toluene-d8	107		80.0-120		05/08/2020 01:19	WG1472473
(S) 4-Bromofluorobenzene	100		77.0-126		05/08/2020 01:19	WG1472473
(S) 1,2-Dichloroethane-d4	117		70.0-130		05/08/2020 01:19	WG1472473

1
Cp2
Tc3
Ss4
Cn5
Sr6
Qc7
Gl8
Al9
Sc



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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	134	JO J4	25.0	1	05/08/2020 01:38	WG1472473
Acrolein	ND		50.0	1	05/08/2020 01:38	WG1472473
Acrylonitrile	ND		5.00	1	05/08/2020 01:38	WG1472473
Benzene	ND		0.500	1	05/08/2020 01:38	WG1472473
Bromobenzene	ND		0.500	1	05/08/2020 01:38	WG1472473
Bromodichloromethane	ND		0.500	1	05/08/2020 01:38	WG1472473
Bromoform	ND		0.500	1	05/08/2020 01:38	WG1472473
Bromomethane	ND		2.50	1	05/08/2020 01:38	WG1472473
n-Butylbenzene	ND		0.500	1	05/08/2020 01:38	WG1472473
sec-Butylbenzene	ND		0.500	1	05/08/2020 01:38	WG1472473
tert-Butylbenzene	ND		0.500	1	05/08/2020 01:38	WG1472473
Carbon disulfide	ND		0.500	1	05/08/2020 01:38	WG1472473
Carbon tetrachloride	ND		0.500	1	05/08/2020 01:38	WG1472473
Chlorobenzene	ND		0.500	1	05/08/2020 01:38	WG1472473
Chlorodibromomethane	ND		0.500	1	05/08/2020 01:38	WG1472473
Chloroethane	ND		2.50	1	05/08/2020 01:38	WG1472473
Chloroform	ND		0.500	1	05/08/2020 01:38	WG1472473
Chloromethane	ND		1.25	1	05/08/2020 01:38	WG1472473
2-Chlorotoluene	ND		0.500	1	05/08/2020 01:38	WG1472473
4-Chlorotoluene	ND		0.500	1	05/08/2020 01:38	WG1472473
1,2-Dibromo-3-Chloropropane	ND		2.50	1	05/08/2020 01:38	WG1472473
1,2-Dibromoethane	ND		0.500	1	05/08/2020 01:38	WG1472473
Dibromomethane	ND		0.500	1	05/08/2020 01:38	WG1472473
1,2-Dichlorobenzene	ND		0.500	1	05/08/2020 01:38	WG1472473
1,3-Dichlorobenzene	ND		0.500	1	05/08/2020 01:38	WG1472473
1,4-Dichlorobenzene	ND		0.500	1	05/08/2020 01:38	WG1472473
Dichlorodifluoromethane	ND		2.50	1	05/08/2020 01:38	WG1472473
1,1-Dichloroethane	ND		0.500	1	05/08/2020 01:38	WG1472473
1,2-Dichloroethane	ND		0.500	1	05/08/2020 01:38	WG1472473
1,1-Dichloroethene	ND		0.500	1	05/08/2020 01:38	WG1472473
cis-1,2-Dichloroethene	15.2		0.500	1	05/08/2020 01:38	WG1472473
trans-1,2-Dichloroethene	ND		0.500	1	05/08/2020 01:38	WG1472473
1,2-Dichloropropane	ND		0.500	1	05/08/2020 01:38	WG1472473
1,1-Dichloropropene	ND		0.500	1	05/08/2020 01:38	WG1472473
1,3-Dichloropropane	ND		1.00	1	05/08/2020 01:38	WG1472473
cis-1,3-Dichloropropene	ND		0.500	1	05/08/2020 01:38	WG1472473
trans-1,3-Dichloropropene	ND		0.500	1	05/08/2020 01:38	WG1472473
2,2-Dichloropropane	ND		0.500	1	05/08/2020 01:38	WG1472473
Di-isopropyl ether	ND		0.500	1	05/08/2020 01:38	WG1472473
Ethylbenzene	ND		0.500	1	05/08/2020 01:38	WG1472473
Hexachloro-1,3-butadiene	ND		1.00	1	05/08/2020 01:38	WG1472473
Isopropylbenzene	ND		0.500	1	05/08/2020 01:38	WG1472473
p-Isopropyltoluene	ND		0.500	1	05/08/2020 01:38	WG1472473
2-Butanone (MEK)	5.02		5.00	1	05/08/2020 01:38	WG1472473
Methylene Chloride	ND		2.50	1	05/08/2020 01:38	WG1472473
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	05/08/2020 01:38	WG1472473
Methyl tert-butyl ether	ND		0.500	1	05/08/2020 01:38	WG1472473
Naphthalene	ND		2.50	1	05/08/2020 01:38	WG1472473
n-Propylbenzene	ND		0.500	1	05/08/2020 01:38	WG1472473
Styrene	ND		0.500	1	05/08/2020 01:38	WG1472473
1,1,1,2-Tetrachloroethane	ND		0.500	1	05/08/2020 01:38	WG1472473
1,1,2,2-Tetrachloroethane	ND		0.500	1	05/08/2020 01:38	WG1472473
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	05/08/2020 01:38	WG1472473
Tetrachloroethene	3.27		0.500	1	05/08/2020 01:38	WG1472473
Toluene	ND		0.500	1	05/08/2020 01:38	WG1472473
1,2,3-Trichlorobenzene	ND		0.500	1	05/08/2020 01:38	WG1472473

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Collected date/time: 05/05/20 11:40

L1215750

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,2,4-Trichlorobenzene	ND		1.00	1	05/08/2020 01:38	WG1472473
1,1,1-Trichloroethane	ND		0.500	1	05/08/2020 01:38	WG1472473
1,1,2-Trichloroethane	ND		0.500	1	05/08/2020 01:38	WG1472473
Trichloroethene	90.7		0.500	1	05/08/2020 01:38	WG1472473
Trichlorofluoromethane	ND		2.50	1	05/08/2020 01:38	WG1472473
1,2,3-Trichloropropane	ND		2.50	1	05/08/2020 01:38	WG1472473
1,2,4-Trimethylbenzene	ND		0.500	1	05/08/2020 01:38	WG1472473
1,2,3-Trimethylbenzene	ND		0.500	1	05/08/2020 01:38	WG1472473
1,3,5-Trimethylbenzene	ND		0.500	1	05/08/2020 01:38	WG1472473
Vinyl chloride	ND		0.500	1	05/08/2020 01:38	WG1472473
Xylenes, Total	ND		1.50	1	05/08/2020 01:38	WG1472473
(S) Toluene-d8	107		80.0-120		05/08/2020 01:38	WG1472473
(S) 4-Bromofluorobenzene	99.2		77.0-126		05/08/2020 01:38	WG1472473
(S) 1,2-Dichloroethane-d4	118		70.0-130		05/08/2020 01:38	WG1472473

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc



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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	83.5	<u>JO J4</u>	25.0	1	05/08/2020 01:57	WG1472473
Acrolein	ND		50.0	1	05/08/2020 01:57	WG1472473
Acrylonitrile	ND		5.00	1	05/08/2020 01:57	WG1472473
Benzene	ND		0.500	1	05/08/2020 01:57	WG1472473
Bromobenzene	ND		0.500	1	05/08/2020 01:57	WG1472473
Bromodichloromethane	ND		0.500	1	05/08/2020 01:57	WG1472473
Bromoform	ND		0.500	1	05/08/2020 01:57	WG1472473
Bromomethane	ND		2.50	1	05/08/2020 01:57	WG1472473
n-Butylbenzene	ND		0.500	1	05/08/2020 01:57	WG1472473
sec-Butylbenzene	ND		0.500	1	05/08/2020 01:57	WG1472473
tert-Butylbenzene	ND		0.500	1	05/08/2020 01:57	WG1472473
Carbon disulfide	ND		0.500	1	05/08/2020 01:57	WG1472473
Carbon tetrachloride	ND		0.500	1	05/08/2020 01:57	WG1472473
Chlorobenzene	ND		0.500	1	05/08/2020 01:57	WG1472473
Chlorodibromomethane	ND		0.500	1	05/08/2020 01:57	WG1472473
Chloroethane	ND		2.50	1	05/08/2020 01:57	WG1472473
Chloroform	ND		0.500	1	05/08/2020 01:57	WG1472473
Chloromethane	ND		1.25	1	05/08/2020 01:57	WG1472473
2-Chlorotoluene	ND		0.500	1	05/08/2020 01:57	WG1472473
4-Chlorotoluene	ND		0.500	1	05/08/2020 01:57	WG1472473
1,2-Dibromo-3-Chloropropane	ND		2.50	1	05/08/2020 01:57	WG1472473
1,2-Dibromoethane	ND		0.500	1	05/08/2020 01:57	WG1472473
Dibromomethane	ND		0.500	1	05/08/2020 01:57	WG1472473
1,2-Dichlorobenzene	ND		0.500	1	05/08/2020 01:57	WG1472473
1,3-Dichlorobenzene	ND		0.500	1	05/08/2020 01:57	WG1472473
1,4-Dichlorobenzene	ND		0.500	1	05/08/2020 01:57	WG1472473
Dichlorodifluoromethane	ND		2.50	1	05/08/2020 01:57	WG1472473
1,1-Dichloroethane	ND		0.500	1	05/08/2020 01:57	WG1472473
1,2-Dichloroethane	ND		0.500	1	05/08/2020 01:57	WG1472473
1,1-Dichloroethene	ND		0.500	1	05/08/2020 01:57	WG1472473
cis-1,2-Dichloroethene	14.4		0.500	1	05/08/2020 01:57	WG1472473
trans-1,2-Dichloroethene	ND		0.500	1	05/08/2020 01:57	WG1472473
1,2-Dichloropropane	ND		0.500	1	05/08/2020 01:57	WG1472473
1,1-Dichloropropene	ND		0.500	1	05/08/2020 01:57	WG1472473
1,3-Dichloropropane	ND		1.00	1	05/08/2020 01:57	WG1472473
cis-1,3-Dichloropropene	ND		0.500	1	05/08/2020 01:57	WG1472473
trans-1,3-Dichloropropene	ND		0.500	1	05/08/2020 01:57	WG1472473
2,2-Dichloropropane	ND		0.500	1	05/08/2020 01:57	WG1472473
Di-isopropyl ether	ND		0.500	1	05/08/2020 01:57	WG1472473
Ethylbenzene	ND		0.500	1	05/08/2020 01:57	WG1472473
Hexachloro-1,3-butadiene	ND		1.00	1	05/08/2020 01:57	WG1472473
Isopropylbenzene	ND		0.500	1	05/08/2020 01:57	WG1472473
p-Isopropyltoluene	ND		0.500	1	05/08/2020 01:57	WG1472473
2-Butanone (MEK)	ND		5.00	1	05/08/2020 01:57	WG1472473
Methylene Chloride	ND		2.50	1	05/08/2020 01:57	WG1472473
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	05/08/2020 01:57	WG1472473
Methyl tert-butyl ether	ND		0.500	1	05/08/2020 01:57	WG1472473
Naphthalene	ND		2.50	1	05/08/2020 01:57	WG1472473
n-Propylbenzene	ND		0.500	1	05/08/2020 01:57	WG1472473
Styrene	ND		0.500	1	05/08/2020 01:57	WG1472473
1,1,1,2-Tetrachloroethane	ND		0.500	1	05/08/2020 01:57	WG1472473
1,1,2,2-Tetrachloroethane	ND		0.500	1	05/08/2020 01:57	WG1472473
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	05/08/2020 01:57	WG1472473
Tetrachloroethene	3.43		0.500	1	05/08/2020 01:57	WG1472473
Toluene	ND		0.500	1	05/08/2020 01:57	WG1472473
1,2,3-Trichlorobenzene	ND		0.500	1	05/08/2020 01:57	WG1472473

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 8260D

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,2,4-Trichlorobenzene	ND		1.00	1	05/08/2020 01:57	WG1472473
1,1,1-Trichloroethane	ND		0.500	1	05/08/2020 01:57	WG1472473
1,1,2-Trichloroethane	ND		0.500	1	05/08/2020 01:57	WG1472473
Trichloroethene	91.5		0.500	1	05/08/2020 01:57	WG1472473
Trichlorofluoromethane	ND		2.50	1	05/08/2020 01:57	WG1472473
1,2,3-Trichloropropane	ND		2.50	1	05/08/2020 01:57	WG1472473
1,2,4-Trimethylbenzene	ND		0.500	1	05/08/2020 01:57	WG1472473
1,2,3-Trimethylbenzene	ND		0.500	1	05/08/2020 01:57	WG1472473
1,3,5-Trimethylbenzene	ND		0.500	1	05/08/2020 01:57	WG1472473
Vinyl chloride	ND		0.500	1	05/08/2020 01:57	WG1472473
Xylenes, Total	ND		1.50	1	05/08/2020 01:57	WG1472473
(S) Toluene-d8	108		80.0-120		05/08/2020 01:57	WG1472473
(S) 4-Bromofluorobenzene	103		77.0-126		05/08/2020 01:57	WG1472473
(S) 1,2-Dichloroethane-d4	115		70.0-130		05/08/2020 01:57	WG1472473

1
Cp2
Tc3
Ss4
Cn5
Sr6
Qc7
Gl8
Al9
Sc



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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	99.1	<u>JO J4</u>	25.0	1	05/08/2020 02:16	WG1472473
Acrolein	ND		50.0	1	05/08/2020 02:16	WG1472473
Acrylonitrile	ND		5.00	1	05/08/2020 02:16	WG1472473
Benzene	ND		0.500	1	05/08/2020 02:16	WG1472473
Bromobenzene	ND		0.500	1	05/08/2020 02:16	WG1472473
Bromodichloromethane	ND		0.500	1	05/08/2020 02:16	WG1472473
Bromoform	ND		0.500	1	05/08/2020 02:16	WG1472473
Bromomethane	ND		2.50	1	05/08/2020 02:16	WG1472473
n-Butylbenzene	ND		0.500	1	05/08/2020 02:16	WG1472473
sec-Butylbenzene	ND		0.500	1	05/08/2020 02:16	WG1472473
tert-Butylbenzene	ND		0.500	1	05/08/2020 02:16	WG1472473
Carbon disulfide	ND		0.500	1	05/08/2020 02:16	WG1472473
Carbon tetrachloride	ND		0.500	1	05/08/2020 02:16	WG1472473
Chlorobenzene	ND		0.500	1	05/08/2020 02:16	WG1472473
Chlorodibromomethane	ND		0.500	1	05/08/2020 02:16	WG1472473
Chloroethane	ND		2.50	1	05/08/2020 02:16	WG1472473
Chloroform	ND		0.500	1	05/08/2020 02:16	WG1472473
Chloromethane	ND		1.25	1	05/08/2020 02:16	WG1472473
2-Chlorotoluene	ND		0.500	1	05/08/2020 02:16	WG1472473
4-Chlorotoluene	ND		0.500	1	05/08/2020 02:16	WG1472473
1,2-Dibromo-3-Chloropropane	ND		2.50	1	05/08/2020 02:16	WG1472473
1,2-Dibromoethane	ND		0.500	1	05/08/2020 02:16	WG1472473
Dibromomethane	ND		0.500	1	05/08/2020 02:16	WG1472473
1,2-Dichlorobenzene	ND		0.500	1	05/08/2020 02:16	WG1472473
1,3-Dichlorobenzene	ND		0.500	1	05/08/2020 02:16	WG1472473
1,4-Dichlorobenzene	ND		0.500	1	05/08/2020 02:16	WG1472473
Dichlorodifluoromethane	ND		2.50	1	05/08/2020 02:16	WG1472473
1,1-Dichloroethane	ND		0.500	1	05/08/2020 02:16	WG1472473
1,2-Dichloroethane	ND		0.500	1	05/08/2020 02:16	WG1472473
1,1-Dichloroethene	ND		0.500	1	05/08/2020 02:16	WG1472473
cis-1,2-Dichloroethene	ND		0.500	1	05/08/2020 02:16	WG1472473
trans-1,2-Dichloroethene	ND		0.500	1	05/08/2020 02:16	WG1472473
1,2-Dichloropropane	ND		0.500	1	05/08/2020 02:16	WG1472473
1,1-Dichloropropene	ND		0.500	1	05/08/2020 02:16	WG1472473
1,3-Dichloropropane	ND		1.00	1	05/08/2020 02:16	WG1472473
cis-1,3-Dichloropropene	ND		0.500	1	05/08/2020 02:16	WG1472473
trans-1,3-Dichloropropene	ND		0.500	1	05/08/2020 02:16	WG1472473
2,2-Dichloropropane	ND		0.500	1	05/08/2020 02:16	WG1472473
Di-isopropyl ether	ND		0.500	1	05/08/2020 02:16	WG1472473
Ethylbenzene	ND		0.500	1	05/08/2020 02:16	WG1472473
Hexachloro-1,3-butadiene	ND		1.00	1	05/08/2020 02:16	WG1472473
Isopropylbenzene	ND		0.500	1	05/08/2020 02:16	WG1472473
p-Isopropyltoluene	ND		0.500	1	05/08/2020 02:16	WG1472473
2-Butanone (MEK)	ND		5.00	1	05/08/2020 02:16	WG1472473
Methylene Chloride	ND		2.50	1	05/08/2020 02:16	WG1472473
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	05/08/2020 02:16	WG1472473
Methyl tert-butyl ether	ND		0.500	1	05/08/2020 02:16	WG1472473
Naphthalene	ND		2.50	1	05/08/2020 02:16	WG1472473
n-Propylbenzene	ND		0.500	1	05/08/2020 02:16	WG1472473
Styrene	ND		0.500	1	05/08/2020 02:16	WG1472473
1,1,1,2-Tetrachloroethane	ND		0.500	1	05/08/2020 02:16	WG1472473
1,1,2,2-Tetrachloroethane	ND		0.500	1	05/08/2020 02:16	WG1472473
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	05/08/2020 02:16	WG1472473
Tetrachloroethene	ND		0.500	1	05/08/2020 02:16	WG1472473
Toluene	ND		0.500	1	05/08/2020 02:16	WG1472473
1,2,3-Trichlorobenzene	ND		0.500	1	05/08/2020 02:16	WG1472473

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 8260D

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,2,4-Trichlorobenzene	ND		1.00	1	05/08/2020 02:16	WG1472473
1,1,1-Trichloroethane	ND		0.500	1	05/08/2020 02:16	WG1472473
1,1,2-Trichloroethane	ND		0.500	1	05/08/2020 02:16	WG1472473
Trichloroethene	1.22		0.500	1	05/08/2020 02:16	WG1472473
Trichlorofluoromethane	ND		2.50	1	05/08/2020 02:16	WG1472473
1,2,3-Trichloropropane	ND		2.50	1	05/08/2020 02:16	WG1472473
1,2,4-Trimethylbenzene	ND		0.500	1	05/08/2020 02:16	WG1472473
1,2,3-Trimethylbenzene	ND		0.500	1	05/08/2020 02:16	WG1472473
1,3,5-Trimethylbenzene	ND		0.500	1	05/08/2020 02:16	WG1472473
Vinyl chloride	ND		0.500	1	05/08/2020 02:16	WG1472473
Xylenes, Total	ND		1.50	1	05/08/2020 02:16	WG1472473
(S) Toluene-d8	109		80.0-120		05/08/2020 02:16	WG1472473
(S) 4-Bromofluorobenzene	102		77.0-126		05/08/2020 02:16	WG1472473
(S) 1,2-Dichloroethane-d4	117		70.0-130		05/08/2020 02:16	WG1472473

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc



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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND	J4	25.0	1	05/07/2020 20:13	WG1472473
Acrolein	ND		50.0	1	05/07/2020 20:13	WG1472473
Acrylonitrile	ND		5.00	1	05/07/2020 20:13	WG1472473
Benzene	ND		0.500	1	05/07/2020 20:13	WG1472473
Bromobenzene	ND		0.500	1	05/07/2020 20:13	WG1472473
Bromodichloromethane	ND		0.500	1	05/07/2020 20:13	WG1472473
Bromoform	ND		0.500	1	05/07/2020 20:13	WG1472473
Bromomethane	ND		2.50	1	05/07/2020 20:13	WG1472473
n-Butylbenzene	ND		0.500	1	05/07/2020 20:13	WG1472473
sec-Butylbenzene	ND		0.500	1	05/07/2020 20:13	WG1472473
tert-Butylbenzene	ND		0.500	1	05/07/2020 20:13	WG1472473
Carbon disulfide	ND		0.500	1	05/07/2020 20:13	WG1472473
Carbon tetrachloride	ND		0.500	1	05/07/2020 20:13	WG1472473
Chlorobenzene	ND		0.500	1	05/07/2020 20:13	WG1472473
Chlorodibromomethane	ND		0.500	1	05/07/2020 20:13	WG1472473
Chloroethane	ND		2.50	1	05/07/2020 20:13	WG1472473
Chloroform	ND		0.500	1	05/07/2020 20:13	WG1472473
Chloromethane	ND		1.25	1	05/07/2020 20:13	WG1472473
2-Chlorotoluene	ND		0.500	1	05/07/2020 20:13	WG1472473
4-Chlorotoluene	ND		0.500	1	05/07/2020 20:13	WG1472473
1,2-Dibromo-3-Chloropropane	ND		2.50	1	05/07/2020 20:13	WG1472473
1,2-Dibromoethane	ND		0.500	1	05/07/2020 20:13	WG1472473
Dibromomethane	ND		0.500	1	05/07/2020 20:13	WG1472473
1,2-Dichlorobenzene	ND		0.500	1	05/07/2020 20:13	WG1472473
1,3-Dichlorobenzene	ND		0.500	1	05/07/2020 20:13	WG1472473
1,4-Dichlorobenzene	ND		0.500	1	05/07/2020 20:13	WG1472473
Dichlorodifluoromethane	ND		2.50	1	05/07/2020 20:13	WG1472473
1,1-Dichloroethane	ND		0.500	1	05/07/2020 20:13	WG1472473
1,2-Dichloroethane	ND		0.500	1	05/07/2020 20:13	WG1472473
1,1-Dichloroethene	ND		0.500	1	05/07/2020 20:13	WG1472473
cis-1,2-Dichloroethene	ND		0.500	1	05/07/2020 20:13	WG1472473
trans-1,2-Dichloroethene	ND		0.500	1	05/07/2020 20:13	WG1472473
1,2-Dichloropropane	ND		0.500	1	05/07/2020 20:13	WG1472473
1,1-Dichloropropene	ND		0.500	1	05/07/2020 20:13	WG1472473
1,3-Dichloropropane	ND		1.00	1	05/07/2020 20:13	WG1472473
cis-1,3-Dichloropropene	ND		0.500	1	05/07/2020 20:13	WG1472473
trans-1,3-Dichloropropene	ND		0.500	1	05/07/2020 20:13	WG1472473
2,2-Dichloropropane	ND		0.500	1	05/07/2020 20:13	WG1472473
Di-isopropyl ether	ND		0.500	1	05/07/2020 20:13	WG1472473
Ethylbenzene	ND		0.500	1	05/07/2020 20:13	WG1472473
Hexachloro-1,3-butadiene	ND		1.00	1	05/07/2020 20:13	WG1472473
Isopropylbenzene	ND		0.500	1	05/07/2020 20:13	WG1472473
p-Isopropyltoluene	ND		0.500	1	05/07/2020 20:13	WG1472473
2-Butanone (MEK)	ND		5.00	1	05/07/2020 20:13	WG1472473
Methylene Chloride	ND		2.50	1	05/07/2020 20:13	WG1472473
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	05/07/2020 20:13	WG1472473
Methyl tert-butyl ether	ND		0.500	1	05/07/2020 20:13	WG1472473
Naphthalene	ND		2.50	1	05/07/2020 20:13	WG1472473
n-Propylbenzene	ND		0.500	1	05/07/2020 20:13	WG1472473
Styrene	ND		0.500	1	05/07/2020 20:13	WG1472473
1,1,1,2-Tetrachloroethane	ND		0.500	1	05/07/2020 20:13	WG1472473
1,1,2,2-Tetrachloroethane	ND		0.500	1	05/07/2020 20:13	WG1472473
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	05/07/2020 20:13	WG1472473
Tetrachloroethene	ND		0.500	1	05/07/2020 20:13	WG1472473
Toluene	ND		0.500	1	05/07/2020 20:13	WG1472473
1,2,3-Trichlorobenzene	ND		0.500	1	05/07/2020 20:13	WG1472473

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 8260D

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,2,4-Trichlorobenzene	ND		1.00	1	05/07/2020 20:13	WG1472473
1,1,1-Trichloroethane	ND		0.500	1	05/07/2020 20:13	WG1472473
1,1,2-Trichloroethane	ND		0.500	1	05/07/2020 20:13	WG1472473
Trichloroethene	ND		0.500	1	05/07/2020 20:13	WG1472473
Trichlorofluoromethane	ND		2.50	1	05/07/2020 20:13	WG1472473
1,2,3-Trichloropropane	ND		2.50	1	05/07/2020 20:13	WG1472473
1,2,4-Trimethylbenzene	ND		0.500	1	05/07/2020 20:13	WG1472473
1,2,3-Trimethylbenzene	ND		0.500	1	05/07/2020 20:13	WG1472473
1,3,5-Trimethylbenzene	ND		0.500	1	05/07/2020 20:13	WG1472473
Vinyl chloride	ND		0.500	1	05/07/2020 20:13	WG1472473
Xylenes, Total	ND		1.50	1	05/07/2020 20:13	WG1472473
(S) Toluene-d8	107		80.0-120		05/07/2020 20:13	WG1472473
(S) 4-Bromofluorobenzene	107		77.0-126		05/07/2020 20:13	WG1472473
(S) 1,2-Dichloroethane-d4	114		70.0-130		05/07/2020 20:13	WG1472473

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc

Method Blank (MB)

(MB) R3527397-2 05/07/20 19:40

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Acetone	U		11.3	25.0
Acrolein	U		2.54	50.0
Acrylonitrile	U		0.671	5.00
Benzene	U		0.0941	0.500
Bromobenzene	U		0.118	0.500
Bromodichloromethane	U		0.136	0.500
Bromoform	U		0.129	0.500
Bromomethane	U		0.605	2.50
n-Butylbenzene	U		0.157	0.500
sec-Butylbenzene	U		0.125	0.500
tert-Butylbenzene	U		0.127	0.500
Carbon disulfide	U		0.0962	0.500
Carbon tetrachloride	U		0.128	0.500
Chlorobenzene	U		0.117	0.500
Chlorodibromomethane	U		0.140	0.500
Chloroethane	U		0.192	2.50
Chloroform	U		0.111	0.500
Chloromethane	U		0.960	1.25
2-Chlorotoluene	U		0.106	0.500
4-Chlorotoluene	U		0.114	0.500
1,2-Dibromo-3-Chloropropane	U		0.276	2.50
1,2-Dibromoethane	U		0.126	0.500
Dibromomethane	U		0.122	0.500
1,2-Dichlorobenzene	U		0.107	0.500
1,3-Dichlorobenzene	U		0.299	0.500
1,4-Dichlorobenzene	U		0.120	0.500
Dichlorodifluoromethane	U		0.374	2.50
1,1-Dichloroethane	U		0.100	0.500
1,2-Dichloroethane	U		0.0819	0.500
1,1-Dichloroethene	U		0.188	0.500
cis-1,2-Dichloroethene	U		0.126	0.500
trans-1,2-Dichloroethene	U		0.149	0.500
1,2-Dichloropropane	U		0.149	0.500
1,1-Dichloropropene	U		0.142	0.500
1,3-Dichloropropane	U		0.109	1.00
cis-1,3-Dichloropropene	U		0.111	0.500
trans-1,3-Dichloropropene	U		0.118	0.500
2,2-Dichloropropane	U		0.161	0.500
Di-isopropyl ether	U		0.105	0.500
Ethylbenzene	U		0.137	0.500

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc



Method Blank (MB)

(MB) R3527397-2 05/07/20 19:40

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	0.500
p-Isopropyltoluene	U		0.120	0.500
2-Butanone (MEK)	U		1.19	5.00
Methylene Chloride	U		0.430	2.50
4-Methyl-2-pentanone (MIBK)	U		0.478	5.00
Methyl tert-butyl ether	U		0.101	0.500
Naphthalene	U		0.174	2.50
n-Propylbenzene	U		0.0993	0.500
Styrene	U		0.118	0.500
1,1,1,2-Tetrachloroethane	U		0.147	0.500
1,1,2,2-Tetrachloroethane	U		0.133	0.500
1,1,2-Trichlorotrifluoroethane	U		0.180	0.500
Tetrachloroethene	U		0.300	0.500
Toluene	U		0.278	0.500
1,2,3-Trichlorobenzene	U		0.164	0.500
1,2,4-Trichlorobenzene	U		0.481	1.00
1,1,1-Trichloroethane	U		0.149	0.500
1,1,2-Trichloroethane	U		0.158	0.500
Trichloroethene	U		0.190	0.500
Trichlorofluoromethane	U		0.160	2.50
1,2,3-Trichloropropane	U		0.237	2.50
1,2,4-Trimethylbenzene	U		0.322	0.500
1,2,3-Trimethylbenzene	U		0.104	0.500
1,3,5-Trimethylbenzene	U		0.104	0.500
Vinyl chloride	U		0.234	0.500
Xylenes, Total	U		0.174	1.50
(S) Toluene-d8	109			80.0-120
(S) 4-Bromofluorobenzene	103			77.0-126
(S) 1,2-Dichloroethane-d4	113			70.0-130

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

Laboratory Control Sample (LCS)

(LCS) R3527397-1 05/07/20 19:01

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Acetone	25.0	42.1	168	19.0-160	J4
Acrolein	25.0	34.0	136	10.0-160	
Acrylonitrile	25.0	24.8	99.2	55.0-149	



Laboratory Control Sample (LCS)

(LCS) R3527397-1 05/07/20 19:01

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	<u>LCS Qualifier</u>
Benzene	5.00	4.93	98.6	70.0-123	
Bromobenzene	5.00	4.62	92.4	73.0-121	
Bromodichloromethane	5.00	5.13	103	75.0-120	
Bromoform	5.00	5.16	103	68.0-132	
Bromomethane	5.00	5.64	113	10.0-160	
n-Butylbenzene	5.00	4.69	93.8	73.0-125	
sec-Butylbenzene	5.00	4.93	98.6	75.0-125	
tert-Butylbenzene	5.00	4.77	95.4	76.0-124	
Carbon disulfide	5.00	5.20	104	61.0-128	
Carbon tetrachloride	5.00	4.52	90.4	68.0-126	
Chlorobenzene	5.00	4.93	98.6	80.0-121	
Chlorodibromomethane	5.00	5.14	103	77.0-125	
Chloroethane	5.00	5.66	113	47.0-150	
Chloroform	5.00	5.13	103	73.0-120	
Chloromethane	5.00	4.88	97.6	41.0-142	
2-Chlorotoluene	5.00	4.69	93.8	76.0-123	
4-Chlorotoluene	5.00	4.80	96.0	75.0-122	
1,2-Dibromo-3-Chloropropane	5.00	4.90	98.0	58.0-134	
1,2-Dibromoethane	5.00	5.20	104	80.0-122	
Dibromomethane	5.00	5.20	104	80.0-120	
1,2-Dichlorobenzene	5.00	4.70	94.0	79.0-121	
1,3-Dichlorobenzene	5.00	4.79	95.8	79.0-120	
1,4-Dichlorobenzene	5.00	4.74	94.8	79.0-120	
Dichlorodifluoromethane	5.00	5.53	111	51.0-149	
1,1-Dichloroethane	5.00	4.86	97.2	70.0-126	
1,2-Dichloroethane	5.00	4.95	99.0	70.0-128	
1,1-Dichloroethene	5.00	5.00	100	71.0-124	
cis-1,2-Dichloroethene	5.00	5.52	110	73.0-120	
trans-1,2-Dichloroethene	5.00	5.05	101	73.0-120	
1,2-Dichloropropane	5.00	4.96	99.2	77.0-125	
1,1-Dichloropropene	5.00	4.76	95.2	74.0-126	
1,3-Dichloropropane	5.00	5.15	103	80.0-120	
cis-1,3-Dichloropropene	5.00	5.06	101	80.0-123	
trans-1,3-Dichloropropene	5.00	5.05	101	78.0-124	
2,2-Dichloropropane	5.00	5.20	104	58.0-130	
Di-isopropyl ether	5.00	4.85	97.0	58.0-138	
Ethylbenzene	5.00	5.06	101	79.0-123	
Hexachloro-1,3-butadiene	5.00	4.15	83.0	54.0-138	
Isopropylbenzene	5.00	5.04	101	76.0-127	
p-Isopropyltoluene	5.00	4.98	99.6	76.0-125	

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc



Laboratory Control Sample (LCS)

(LCS) R3527397-1 05/07/20 19:01

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	<u>LCS Qualifier</u>
2-Butanone (MEK)	25.0	31.8	127	44.0-160	
Methylene Chloride	5.00	5.32	106	67.0-120	
4-Methyl-2-pentanone (MIBK)	25.0	25.9	104	68.0-142	
Methyl tert-butyl ether	5.00	5.05	101	68.0-125	
Naphthalene	5.00	4.46	89.2	54.0-135	
n-Propylbenzene	5.00	4.54	90.8	77.0-124	
Styrene	5.00	5.02	100	73.0-130	
1,1,1,2-Tetrachloroethane	5.00	4.89	97.8	75.0-125	
1,1,2,2-Tetrachloroethane	5.00	4.68	93.6	65.0-130	
1,1,2-Trichlorotrifluoroethane	5.00	5.64	113	69.0-132	
Tetrachloroethene	5.00	5.31	106	72.0-132	
Toluene	5.00	4.73	94.6	79.0-120	
1,2,3-Trichlorobenzene	5.00	4.38	87.6	50.0-138	
1,2,4-Trichlorobenzene	5.00	4.42	88.4	57.0-137	
1,1,1-Trichloroethane	5.00	5.47	109	73.0-124	
1,1,2-Trichloroethane	5.00	5.20	104	80.0-120	
Trichloroethene	5.00	5.11	102	78.0-124	
Trichlorofluoromethane	5.00	5.55	111	59.0-147	
1,2,3-Trichloropropane	5.00	5.07	101	73.0-130	
1,2,4-Trimethylbenzene	5.00	4.76	95.2	76.0-121	
1,2,3-Trimethylbenzene	5.00	4.74	94.8	77.0-120	
1,3,5-Trimethylbenzene	5.00	4.74	94.8	76.0-122	
Vinyl chloride	5.00	5.61	112	67.0-131	
Xylenes, Total	15.0	14.8	98.7	79.0-123	
(S) Toluene-d8			107	80.0-120	
(S) 4-Bromofluorobenzene			104	77.0-126	
(S) 1,2-Dichloroethane-d4			114	70.0-130	

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc



Method Blank (MB)

(MB) R3527496-2 05/13/20 08:35

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Acetone	U		11.3	25.0
Acrolein	U		2.54	50.0
Acrylonitrile	U		0.671	5.00
Benzene	U		0.0941	0.500
Bromobenzene	U		0.118	0.500
Bromodichloromethane	U		0.136	0.500
Bromoform	U		0.129	0.500
Bromomethane	U		0.605	2.50
n-Butylbenzene	U		0.157	0.500
sec-Butylbenzene	U		0.125	0.500
tert-Butylbenzene	U		0.127	0.500
Carbon disulfide	U		0.0962	0.500
Carbon tetrachloride	U		0.128	0.500
Chlorobenzene	U		0.117	0.500
Chlorodibromomethane	U		0.140	0.500
Chloroethane	U		0.192	2.50
Chloroform	U		0.111	0.500
Chloromethane	U		0.960	1.25
2-Chlorotoluene	U		0.106	0.500
4-Chlorotoluene	U		0.114	0.500
1,2-Dibromo-3-Chloropropane	U		0.276	2.50
1,2-Dibromoethane	U		0.126	0.500
Dibromomethane	U		0.122	0.500
1,2-Dichlorobenzene	U		0.107	0.500
1,3-Dichlorobenzene	U		0.299	0.500
1,4-Dichlorobenzene	U		0.120	0.500
Dichlorodifluoromethane	U		0.374	2.50
1,1-Dichloroethane	U		0.100	0.500
1,2-Dichloroethane	U		0.0819	0.500
1,1-Dichloroethene	U		0.188	0.500
cis-1,2-Dichloroethene	U		0.126	0.500
trans-1,2-Dichloroethene	U		0.149	0.500
1,2-Dichloropropane	U		0.149	0.500
1,1-Dichloropropene	U		0.142	0.500
1,3-Dichloropropane	U		0.109	1.00
cis-1,3-Dichloropropene	U		0.111	0.500
trans-1,3-Dichloropropene	U		0.118	0.500
2,2-Dichloropropane	U		0.161	0.500
Di-isopropyl ether	U		0.105	0.500
Ethylbenzene	U		0.137	0.500

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc



Method Blank (MB)

(MB) R3527496-2 05/13/20 08:35

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	0.500
p-Isopropyltoluene	U		0.120	0.500
2-Butanone (MEK)	U		1.19	5.00
Methylene Chloride	U		0.430	2.50
4-Methyl-2-pentanone (MIBK)	U		0.478	5.00
Methyl tert-butyl ether	U		0.101	0.500
Naphthalene	U		0.174	2.50
n-Propylbenzene	U		0.0993	0.500
Styrene	U		0.118	0.500
1,1,1,2-Tetrachloroethane	U		0.147	0.500
1,1,2,2-Tetrachloroethane	U		0.133	0.500
1,1,2-Trichlorotrifluoroethane	U		0.180	0.500
Tetrachloroethene	U		0.300	0.500
Toluene	U		0.278	0.500
1,2,3-Trichlorobenzene	U		0.164	0.500
1,2,4-Trichlorobenzene	U		0.481	1.00
1,1,1-Trichloroethane	U		0.149	0.500
1,1,2-Trichloroethane	U		0.158	0.500
Trichloroethene	U		0.190	0.500
Trichlorofluoromethane	U		0.160	2.50
1,2,3-Trichloropropane	U		0.237	2.50
1,2,4-Trimethylbenzene	U		0.322	0.500
1,2,3-Trimethylbenzene	U		0.104	0.500
1,3,5-Trimethylbenzene	U		0.104	0.500
Vinyl chloride	U		0.234	0.500
Xylenes, Total	U		0.174	1.50
(S) Toluene-d8	108			80.0-120
(S) 4-Bromofluorobenzene	102			77.0-126
(S) 1,2-Dichloroethane-d4	118			70.0-130

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Laboratory Control Sample (LCS)

(LCS) R3527496-1 05/13/20 07:56

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Acetone	25.0	33.6	134	19.0-160	
Acrolein	25.0	18.6	74.4	10.0-160	
Acrylonitrile	25.0	20.8	83.2	55.0-149	



Laboratory Control Sample (LCS)

(LCS) R3527496-1 05/13/20 07:56

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	<u>LCS Qualifier</u>
Benzene	5.00	4.62	92.4	70.0-123	
Bromobenzene	5.00	4.37	87.4	73.0-121	
Bromodichloromethane	5.00	5.18	104	75.0-120	
Bromoform	5.00	4.90	98.0	68.0-132	
Bromomethane	5.00	5.60	112	10.0-160	
n-Butylbenzene	5.00	4.41	88.2	73.0-125	
sec-Butylbenzene	5.00	4.80	96.0	75.0-125	
tert-Butylbenzene	5.00	4.73	94.6	76.0-124	
Carbon disulfide	5.00	5.53	111	61.0-128	
Carbon tetrachloride	5.00	5.28	106	68.0-126	
Chlorobenzene	5.00	4.88	97.6	80.0-121	
Chlorodibromomethane	5.00	5.03	101	77.0-125	
Chloroethane	5.00	6.00	120	47.0-150	
Chloroform	5.00	4.90	98.0	73.0-120	
Chloromethane	5.00	5.10	102	41.0-142	
2-Chlorotoluene	5.00	4.57	91.4	76.0-123	
4-Chlorotoluene	5.00	4.69	93.8	75.0-122	
1,2-Dibromo-3-Chloropropane	5.00	4.51	90.2	58.0-134	
1,2-Dibromoethane	5.00	5.00	100	80.0-122	
Dibromomethane	5.00	4.84	96.8	80.0-120	
1,2-Dichlorobenzene	5.00	4.62	92.4	79.0-121	
1,3-Dichlorobenzene	5.00	4.70	94.0	79.0-120	
1,4-Dichlorobenzene	5.00	4.56	91.2	79.0-120	
Dichlorodifluoromethane	5.00	5.33	107	51.0-149	
1,1-Dichloroethane	5.00	4.95	99.0	70.0-126	
1,2-Dichloroethane	5.00	4.80	96.0	70.0-128	
1,1-Dichloroethene	5.00	5.59	112	71.0-124	
cis-1,2-Dichloroethene	5.00	5.09	102	73.0-120	
trans-1,2-Dichloroethene	5.00	5.40	108	73.0-120	
1,2-Dichloropropane	5.00	4.62	92.4	77.0-125	
1,1-Dichloropropene	5.00	5.22	104	74.0-126	
1,3-Dichloropropane	5.00	5.03	101	80.0-120	
cis-1,3-Dichloropropene	5.00	4.87	97.4	80.0-123	
trans-1,3-Dichloropropene	5.00	5.08	102	78.0-124	
2,2-Dichloropropane	5.00	4.94	98.8	58.0-130	
Di-isopropyl ether	5.00	4.87	97.4	58.0-138	
Ethylbenzene	5.00	4.85	97.0	79.0-123	
Hexachloro-1,3-butadiene	5.00	4.26	85.2	54.0-138	
Isopropylbenzene	5.00	5.00	100	76.0-127	
p-Isopropyltoluene	5.00	4.78	95.6	76.0-125	

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc



Laboratory Control Sample (LCS)

(LCS) R3527496-1 05/13/20 07:56

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	<u>LCS Qualifier</u>
2-Butanone (MEK)	25.0	31.5	126	44.0-160	
Methylene Chloride	5.00	5.07	101	67.0-120	
4-Methyl-2-pentanone (MIBK)	25.0	26.5	106	68.0-142	
Methyl tert-butyl ether	5.00	4.68	93.6	68.0-125	
Naphthalene	5.00	3.85	77.0	54.0-135	
n-Propylbenzene	5.00	4.41	88.2	77.0-124	
Styrene	5.00	4.84	96.8	73.0-130	
1,1,1,2-Tetrachloroethane	5.00	5.12	102	75.0-125	
1,1,2,2-Tetrachloroethane	5.00	4.20	84.0	65.0-130	
1,1,2-Trichlorotrifluoroethane	5.00	5.63	113	69.0-132	
Tetrachloroethene	5.00	5.29	106	72.0-132	
Toluene	5.00	4.59	91.8	79.0-120	
1,2,3-Trichlorobenzene	5.00	4.01	80.2	50.0-138	
1,2,4-Trichlorobenzene	5.00	3.99	79.8	57.0-137	
1,1,1-Trichloroethane	5.00	5.58	112	73.0-124	
1,1,2-Trichloroethane	5.00	5.12	102	80.0-120	
Trichloroethene	5.00	5.22	104	78.0-124	
Trichlorofluoromethane	5.00	6.03	121	59.0-147	
1,2,3-Trichloropropane	5.00	5.05	101	73.0-130	
1,2,4-Trimethylbenzene	5.00	4.66	93.2	76.0-121	
1,2,3-Trimethylbenzene	5.00	4.51	90.2	77.0-120	
1,3,5-Trimethylbenzene	5.00	4.59	91.8	76.0-122	
Vinyl chloride	5.00	5.57	111	67.0-131	
Xylenes, Total	15.0	14.5	96.7	79.0-123	
(S) Toluene-d8			106	80.0-120	
(S) 4-Bromofluorobenzene			104	77.0-126	
(S) 1,2-Dichloroethane-d4			116	70.0-130	

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc



Guide to Reading and Understanding Your Laboratory Report

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

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

Abbreviations and Definitions

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

Qualifier Description

J0	J0: The identification of the analyte is acceptable, but the reported concentration is an estimate. The calibration method criteria.
J4	The associated batch QC was outside the established quality control range for accuracy.

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Pace National is the only environmental laboratory accredited/certified to support your work nationwide from one location. One phone call, one point of contact, one laboratory. No other lab is as accessible or prepared to handle your needs throughout the country. Our capacity and capability from our single location laboratory is comparable to the collective totals of the network laboratories in our industry. The most significant benefit to our one location design is the design of our laboratory campus. The model is conducive to accelerated productivity, decreasing turn-around time, and preventing cross contamination, thus protecting sample integrity. Our focus on premium quality and prompt service allows us to be YOUR LAB OF CHOICE.

* 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 National.

State Accreditations

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN-03-2002-34
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico ¹	n/a
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}	90010	South Carolina	84004
Kentucky ²	16	South Dakota	n/a
Louisiana	AI30792	Tennessee ^{1 4}	2006
Louisiana ¹	LA180010	Texas	T104704245-18-15
Maine	TN0002	Texas ⁵	LAB0152
Maryland	324	Utah	TN00003
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	460132
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	9980939910
Montana	CERT0086	Wyoming	A2LA

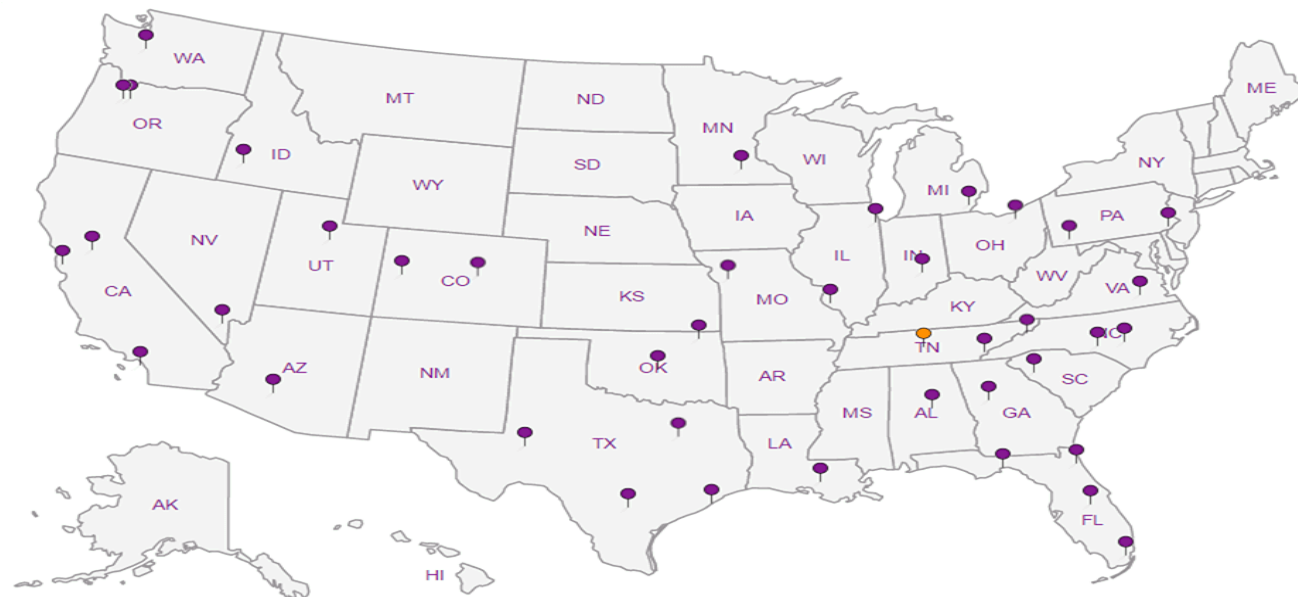
Third Party Federal Accreditations

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

Our Locations

Pace National has sixty-four client support centers that provide sample pickup and/or the delivery of sampling supplies. If you would like assistance from one of our support offices, please contact our main office. Pace National performs all testing at our central laboratory.



Cascade Corporation- Fairview, OR

2201 NE 201st Avenue

Fairview, OR 97024-9718

Billing Information:

Accounts Payable

P.O. Box 20187

Portland, OR 97294-0187

Report to:

Cindy Bartlett

Project Description:

Cascade TSA

City/State

Fairview OR.

Client Project #

PNG0564S19

Lab Project #

CASCORFOR-PNG0564

Phone:

503-669-6286

Collected by (print):

PAT YADON / MIKE TAYLOR.

Collected by (signature):

Immediately Packed on Ice

N

Y

X

Sample ID

Comp/Grab

Matrix *

Depth

Date

Time

Contrs

EW-1- 050520

GW

5/5/20

10:00

3

X

EW2- 050520

GW

5/5/20

9:15

3

X

EW14- 050520

GW

5/5/20

9:30

3

X

VMWA- 050520

GW

5/5/20

13:57

3

X

VMWB- 050520

GW

5/5/20

13:45

3

X

VMWC- 050520

GW

5/5/20

14:15

3

X

VMWD- 050520

GW

5/5/20

13:30

3

X

VMWE- 050520

GW

5/5/20

13:15

3

X

VMWF- 050520

GW

5/5/20

13:00

3

X

VMWG- 050520

GW

5/5/20

12:50

3

X

Remarks:

Samples returned via:

UPS

FedEx

Courier

Tracking #

1749 9998 8280

Relinquished by : (Signature)

Relinquished by : (Signature)

Relinquished by : (Signature)

Date:

5/5/20

Time:

15:40

Received by: (Signature)

Fed EX

Received by: (Signature)

Received for lab by: (Signature)

Date:

5-6-20

Time:

0845

Condition:

NCF / OK

Analysis / Container / Preservative

VOCs 8260D LL 40ml/Amb-HCl

Chain of Custody

Page 1 of 2

Pace Analytical

National Center for Testing & Innovation

12065 Lebanon Rd

Mount Juliet, TN 37122

Phone: 615-758-5858

Phone: 800-767-5859

Fax: 615-758-5859

SDG #

L1215750

D248

Acctnum: CASCORFOR

Template: T166658

Prelogin: P769264

PM: 110 - Brian Ford

PB:

Shipped Via:

Remarks

Sample # (lab only)

01

02

03

04

05

06

07

08

09

10

Sample Receipt Checklist

COC Seal Present/Intact: Y N

COC Signed/Accurate: Y N

Bottles arrive intact: Y N

Correct bottles used: Y N

Sufficient volume sent: Y N

If Applicable

VOA Zero Headspace: Y N

Preservation Correct/Checked: Y N

RAD Screen <0.5 mR/hr: Y N

Trip Blank Received: Yes No

HCL / MeOH

TBR

Temp: 21.1 °C

Bottles Received: 57

Hold:

Cascade Corporation- Fairview, OR

2201 NE 201st Avenue

Fairview, OR 97024-9718

Billing Information:

Accounts Payable

P.O. Box 20187

Portland, OR 97294-0187

Report to:

Cindy Bartlett

Email To:

CBartlett@Geosyntec.com;bwebb@Geosyntec.c

Project Description:

City/State

Collected: Fairview OR

Please Circle:

PT MT CT ET

Phone: 503-669-6286

Client Project #

PNG0564S19

Lab Project #

CASCORFOR-PNG0564

Collected by (print):

PAT YADON MIKE TAYLOR

Site/Facility ID #

P.O. #

Collected by (signature):

Rush? (Lab MUST Be Notified)

Quote #

Immediately

Packed on Ice N Y X

Same Day Five Day

Next Day 5 Day (Rad Only)

Two Day 10 Day (Rad Only)

Three Day

Date Results Needed

STANDARD

No. of

Cntrs

Sample ID

Comp/Grab

Matrix *

Depth

Date

Time

Cntrs

VMWH-050520

GW

5/5/20

14:40

3

X

EW12-050520

GW

5/5/20

11:18

3

X

D17dg-050520

GW

5/5/20

10:55

3

X

D17ds-050520

GW

5/5/20

10:45

3

X

CMW10ds-050520

GW

5/5/20

12:00

3

X

CMW17ds-050520

GW

5/5/20

10:30

3

X

CMW18ds-050520

GW

5/5/20

11:40

3

X

CMW18ds-050520-Dup

GW

5/5/20

11:41

3

X

CMW19ds-050520

GW

5/5/20

12:20

3

X

TR: P BLANK LOT 440

OT

5/5/20

NA

1

X

Remarks:

Samples returned via:

Tracking #

Relinquished by : (Signature)

Date:

Time:

Received by: (Signature)

Trip Blank Received: Yes/No

Relinquished by : (Signature)

Date:

Time:

Received by: (Signature)

Temp: 17.3 C

Relinquished by : (Signature)

Date:

Time:

Received for lab by: (Signature)

Date:

Time:

Hold:

Condition:

Analysis / Container / Preservative

VOCs 8260D LL 40mIAmb-HCI

Chain of Custody

Page 2 of 2

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If Applicable

VOA Zero Headspace: Y N

Preservation Correct/Checked: Y N

RAD Screen <0.5 mR/hr: Y N

If preservation required by Login: Date/Time