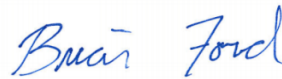


Cascade Corporation- Fairview, OR

Sample Delivery Group: L1282223
Samples Received: 11/05/2020
Project Number: PNG0564S20
Description: Cascade TSA

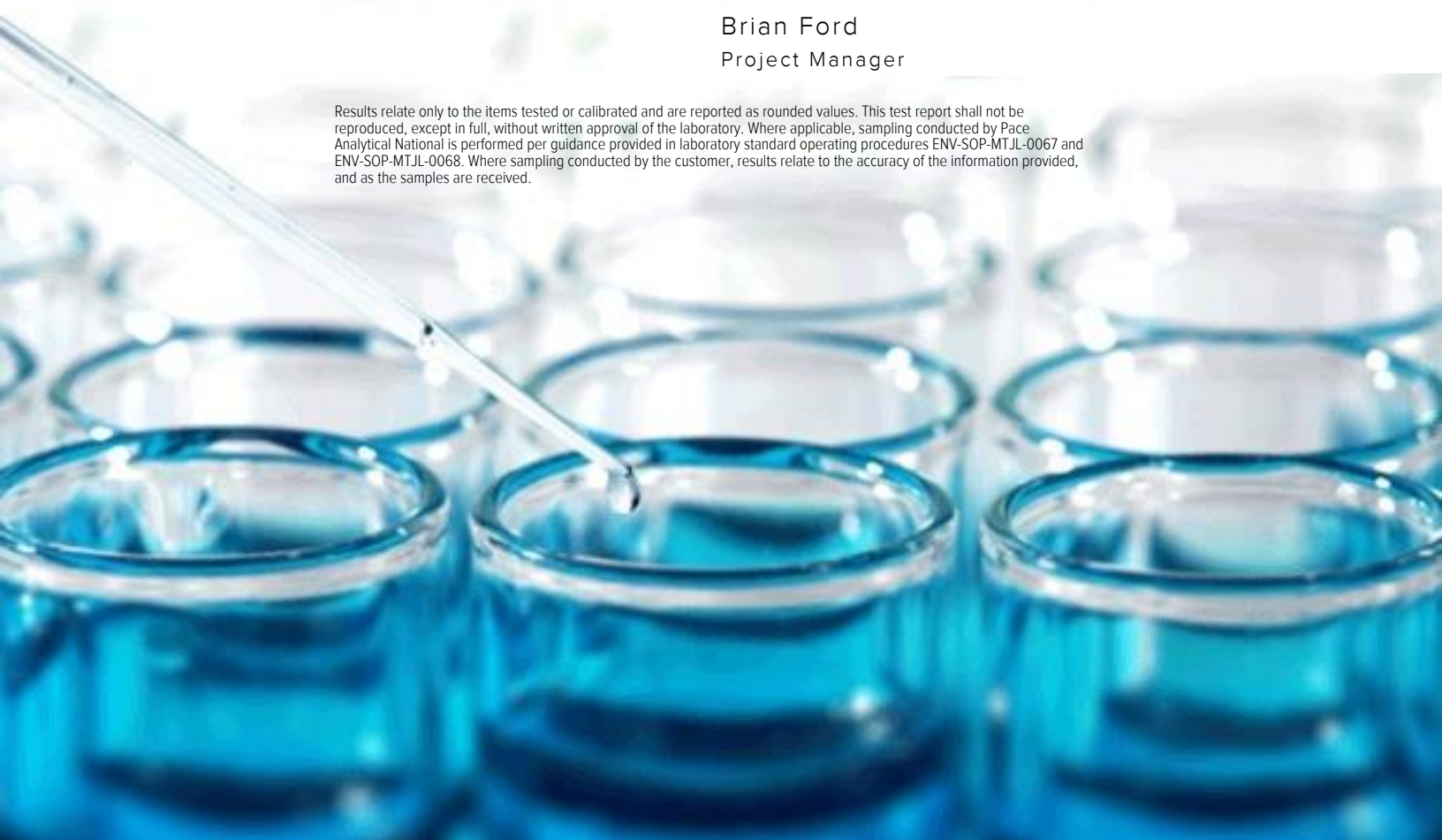
Report To: Cindy Bartlett
2201 NE 201st Avenue
Fairview, OR 97024-9718

Entire Report Reviewed By:



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

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

SAMPLE SUMMARY

ONE LAB. NATIONWIDE.



EW2-110420 L1282223-01 GW

				Collected by PY/MT	Collected date/time	Received date/time
					11/04/20 07:30	11/05/20 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1574906	1	11/12/20 02:35	11/12/20 02:35	BMB	Mt. Juliet, TN

¹ Cp

² Tc

³ Ss

EW14-110420 L1282223-02 GW

				Collected by PY/MT	Collected date/time	Received date/time
					11/04/20 07:45	11/05/20 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1574906	1	11/12/20 02:57	11/12/20 02:57	BMB	Mt. Juliet, TN

⁴ Cn

⁵ Sr

EW23-110420 L1282223-03 GW

				Collected by PY/MT	Collected date/time	Received date/time
					11/04/20 08:00	11/05/20 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1574906	1	11/12/20 03:19	11/12/20 03:19	BMB	Mt. Juliet, TN

⁶ Qc

⁷ Gl

EW1-110420 L1282223-04 GW

				Collected by PY/MT	Collected date/time	Received date/time
					11/04/20 08:05	11/05/20 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1574906	1	11/12/20 03:41	11/12/20 03:41	BMB	Mt. Juliet, TN

⁸ Al

⁹ Sc

D17DS-110420 L1282223-05 GW

				Collected by PY/MT	Collected date/time	Received date/time
					11/04/20 09:40	11/05/20 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1574906	1	11/12/20 04:03	11/12/20 04:03	BMB	Mt. Juliet, TN

D17DG-110420 L1282223-06 GW

				Collected by PY/MT	Collected date/time	Received date/time
					11/04/20 10:05	11/05/20 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1575329	1	11/12/20 11:06	11/12/20 11:06	ACG	Mt. Juliet, TN

EW12-110420 L1282223-07 GW

				Collected by PY/MT	Collected date/time	Received date/time
					11/04/20 10:30	11/05/20 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1575329	1	11/12/20 11:26	11/12/20 11:26	ACG	Mt. Juliet, TN

CMW17DS-110420 L1282223-08 GW

				Collected by PY/MT	Collected date/time	Received date/time
					11/04/20 09:00	11/05/20 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1575329	1	11/12/20 11:47	11/12/20 11:47	ACG	Mt. Juliet, TN

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SAMPLE SUMMARY

ONE LAB. NATIONWIDE.



CMW17DS-110420-DUP L1282223-09 GW

				Collected by PY/MT	Collected date/time	Received date/time
					11/04/20 09:01	11/05/20 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1575329	1	11/12/20 12:08	11/12/20 12:08	ACG	Mt. Juliet, TN

¹ Cp

² Tc

³ Ss

CMW18DS-110420 L1282223-10 GW

				Collected by PY/MT	Collected date/time	Received date/time
					11/04/20 10:45	11/05/20 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1575329	1	11/12/20 12:28	11/12/20 12:28	ACG	Mt. Juliet, TN

⁴ Cn

⁵ Sr

CMW18DS-110420-DUP L1282223-11 GW

				Collected by PY/MT	Collected date/time	Received date/time
					11/04/20 10:46	11/05/20 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1575329	1	11/12/20 12:49	11/12/20 12:49	ACG	Mt. Juliet, TN

⁶ Qc

⁷ Gl

CMW19DS-110420 L1282223-12 GW

				Collected by PY/MT	Collected date/time	Received date/time
					11/04/20 11:00	11/05/20 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1575329	1	11/12/20 13:09	11/12/20 13:09	ACG	Mt. Juliet, TN

⁸ Al

⁹ Sc

VMWA-110420 L1282223-13 GW

				Collected by PY/MT	Collected date/time	Received date/time
					11/04/20 12:35	11/05/20 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1575329	1	11/12/20 13:30	11/12/20 13:30	ACG	Mt. Juliet, TN

VMWB-110420 L1282223-14 GW

				Collected by PY/MT	Collected date/time	Received date/time
					11/04/20 13:30	11/05/20 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1575329	1	11/12/20 13:51	11/12/20 13:51	ACG	Mt. Juliet, TN

VMWC-110420 L1282223-15 GW

				Collected by PY/MT	Collected date/time	Received date/time
					11/04/20 13:00	11/05/20 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1575329	1	11/12/20 14:11	11/12/20 14:11	ACG	Mt. Juliet, TN

VMWD-110420 L1282223-16 GW

				Collected by PY/MT	Collected date/time	Received date/time
					11/04/20 13:46	11/05/20 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1575329	1	11/12/20 14:32	11/12/20 14:32	ACG	Mt. Juliet, TN

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SAMPLE SUMMARY

ONE LAB. NATIONWIDE.



VMWE-110420 L1282223-17 GW				Collected by PY/MT	Collected date/time 11/04/20 15:10	Received date/time 11/05/20 09:00	1 Cp
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location	2 Tc
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1575329	1	11/12/20 14:52	11/12/20 14:52	ACG	Mt. Juliet, TN	3 Ss
VMWF-110420 L1282223-18 GW				Collected by PY/MT	Collected date/time 11/04/20 14:33	Received date/time 11/05/20 09:00	4 Cn
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location	5 Sr
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1575329	1	11/12/20 15:13	11/12/20 15:13	ACG	Mt. Juliet, TN	6 Qc
VMWG-110420 L1282223-19 GW				Collected by PY/MT	Collected date/time 11/04/20 14:10	Received date/time 11/05/20 09:00	7 Gl
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location	8 Al
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1575329	1	11/12/20 15:34	11/12/20 15:34	ACG	Mt. Juliet, TN	9 Sc
VMWH-110420 L1282223-20 GW				Collected by PY/MT	Collected date/time 11/04/20 13:15	Received date/time 11/05/20 09:00	
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location	
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1575329	1	11/12/20 15:54	11/12/20 15:54	ACG	Mt. Juliet, TN	
TS-C-EFF-110420 L1282223-21 GW				Collected by PY/MT	Collected date/time 11/04/20 08:15	Received date/time 11/05/20 09:00	
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location	
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1575329	1	11/12/20 16:15	11/12/20 16:15	ACG	Mt. Juliet, TN	
TS-C-EFF-110420-DUP L1282223-22 GW				Collected by PY/MT	Collected date/time 11/04/20 08:16	Received date/time 11/05/20 09:00	
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location	
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1575329	1	11/12/20 16:36	11/12/20 16:36	ACG	Mt. Juliet, TN	
TS-C-INF-110420 L1282223-23 GW				Collected by PY/MT	Collected date/time 11/04/20 08:25	Received date/time 11/05/20 09:00	
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location	
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1575329	1	11/12/20 16:56	11/12/20 16:56	ACG	Mt. Juliet, TN	
TRIP BLANK LOT #454 L1282223-24 GW				Collected by PY/MT	Collected date/time 11/04/20 00:00	Received date/time 11/05/20 09:00	
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location	
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1575329	1	11/12/20 10:45	11/12/20 10:45	ACG	Mt. Juliet, TN	

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SAMPLE SUMMARY

ONE LAB. NATIONWIDE.



CMW-10DS L1282223-25 GW

Collected by
PY/MT

Collected date/time
11/04/20 11:30

Received date/time
11/05/20 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1575329	1	11/12/20 17:17	11/12/20 17:17	ACG	Mt. Juliet, TN

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

ACCOUNT:

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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

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	ND		25.0	1	11/12/2020 02:35	WG1574906
Acrolein	ND	C3	50.0	1	11/12/2020 02:35	WG1574906
Acrylonitrile	ND		5.00	1	11/12/2020 02:35	WG1574906
Benzene	ND		0.500	1	11/12/2020 02:35	WG1574906
Bromobenzene	ND		0.500	1	11/12/2020 02:35	WG1574906
Bromodichloromethane	ND		0.500	1	11/12/2020 02:35	WG1574906
Bromoform	ND		0.500	1	11/12/2020 02:35	WG1574906
Bromomethane	ND		2.50	1	11/12/2020 02:35	WG1574906
n-Butylbenzene	ND		0.500	1	11/12/2020 02:35	WG1574906
sec-Butylbenzene	ND		0.500	1	11/12/2020 02:35	WG1574906
tert-Butylbenzene	ND		0.500	1	11/12/2020 02:35	WG1574906
Carbon disulfide	ND		0.500	1	11/12/2020 02:35	WG1574906
Carbon tetrachloride	ND		0.500	1	11/12/2020 02:35	WG1574906
Chlorobenzene	ND		0.500	1	11/12/2020 02:35	WG1574906
Chlorodibromomethane	ND		0.500	1	11/12/2020 02:35	WG1574906
Chloroethane	ND		2.50	1	11/12/2020 02:35	WG1574906
Chloroform	ND		0.500	1	11/12/2020 02:35	WG1574906
Chloromethane	ND		1.25	1	11/12/2020 02:35	WG1574906
2-Chlorotoluene	ND		0.500	1	11/12/2020 02:35	WG1574906
4-Chlorotoluene	ND		0.500	1	11/12/2020 02:35	WG1574906
1,2-Dibromo-3-Chloropropane	ND		2.50	1	11/12/2020 02:35	WG1574906
1,2-Dibromoethane	ND		0.500	1	11/12/2020 02:35	WG1574906
Dibromomethane	ND		0.500	1	11/12/2020 02:35	WG1574906
1,2-Dichlorobenzene	ND		0.500	1	11/12/2020 02:35	WG1574906
1,3-Dichlorobenzene	ND		0.500	1	11/12/2020 02:35	WG1574906
1,4-Dichlorobenzene	ND		0.500	1	11/12/2020 02:35	WG1574906
Dichlorodifluoromethane	ND		2.50	1	11/12/2020 02:35	WG1574906
1,1-Dichloroethane	ND		0.500	1	11/12/2020 02:35	WG1574906
1,2-Dichloroethane	ND		0.500	1	11/12/2020 02:35	WG1574906
1,1-Dichloroethene	ND		0.500	1	11/12/2020 02:35	WG1574906
cis-1,2-Dichloroethene	1.05		0.500	1	11/12/2020 02:35	WG1574906
trans-1,2-Dichloroethene	ND		0.500	1	11/12/2020 02:35	WG1574906
1,2-Dichloropropane	ND		0.500	1	11/12/2020 02:35	WG1574906
1,1-Dichloropropene	ND		0.500	1	11/12/2020 02:35	WG1574906
1,3-Dichloropropane	ND		1.00	1	11/12/2020 02:35	WG1574906
cis-1,3-Dichloropropene	ND		0.500	1	11/12/2020 02:35	WG1574906
trans-1,3-Dichloropropene	ND		0.500	1	11/12/2020 02:35	WG1574906
2,2-Dichloropropane	ND		0.500	1	11/12/2020 02:35	WG1574906
Di-isopropyl ether	ND		0.500	1	11/12/2020 02:35	WG1574906
Ethylbenzene	ND		0.500	1	11/12/2020 02:35	WG1574906
Hexachloro-1,3-butadiene	ND		1.00	1	11/12/2020 02:35	WG1574906
Isopropylbenzene	ND		0.500	1	11/12/2020 02:35	WG1574906
p-Isopropyltoluene	ND		0.500	1	11/12/2020 02:35	WG1574906
2-Butanone (MEK)	ND		5.00	1	11/12/2020 02:35	WG1574906
Methylene Chloride	ND		2.50	1	11/12/2020 02:35	WG1574906
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	11/12/2020 02:35	WG1574906
Methyl tert-butyl ether	ND		0.500	1	11/12/2020 02:35	WG1574906
Naphthalene	ND		2.50	1	11/12/2020 02:35	WG1574906
n-Propylbenzene	ND		0.500	1	11/12/2020 02:35	WG1574906
Styrene	ND		0.500	1	11/12/2020 02:35	WG1574906
1,1,1,2-Tetrachloroethane	ND		0.500	1	11/12/2020 02:35	WG1574906
1,1,2,2-Tetrachloroethane	ND		0.500	1	11/12/2020 02:35	WG1574906
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	11/12/2020 02:35	WG1574906
Tetrachloroethene	0.850		0.500	1	11/12/2020 02:35	WG1574906
Toluene	ND		0.500	1	11/12/2020 02:35	WG1574906
1,2,3-Trichlorobenzene	ND		0.500	1	11/12/2020 02:35	WG1574906

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Collected date/time: 11/04/20 07:30

L1282223

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	11/12/2020 02:35	WG1574906
1,1,1-Trichloroethane	ND		0.500	1	11/12/2020 02:35	WG1574906
1,1,2-Trichloroethane	ND		0.500	1	11/12/2020 02:35	WG1574906
Trichloroethene	9.13		0.500	1	11/12/2020 02:35	WG1574906
Trichlorofluoromethane	ND		2.50	1	11/12/2020 02:35	WG1574906
1,2,3-Trichloropropane	ND		2.50	1	11/12/2020 02:35	WG1574906
1,2,4-Trimethylbenzene	ND		0.500	1	11/12/2020 02:35	WG1574906
1,2,3-Trimethylbenzene	ND		0.500	1	11/12/2020 02:35	WG1574906
1,3,5-Trimethylbenzene	ND		0.500	1	11/12/2020 02:35	WG1574906
Vinyl chloride	ND		0.500	1	11/12/2020 02:35	WG1574906
Xylenes, Total	ND		1.50	1	11/12/2020 02:35	WG1574906
(S) Toluene-d8	97.5		80.0-120		11/12/2020 02:35	WG1574906
(S) 4-Bromofluorobenzene	94.9		77.0-126		11/12/2020 02:35	WG1574906
(S) 1,2-Dichloroethane-d4	93.0		70.0-130		11/12/2020 02:35	WG1574906

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	11/12/2020 02:57	WG1574906
Acrolein	ND	C3	50.0	1	11/12/2020 02:57	WG1574906
Acrylonitrile	ND		5.00	1	11/12/2020 02:57	WG1574906
Benzene	ND		0.500	1	11/12/2020 02:57	WG1574906
Bromobenzene	ND		0.500	1	11/12/2020 02:57	WG1574906
Bromodichloromethane	ND		0.500	1	11/12/2020 02:57	WG1574906
Bromoform	ND		0.500	1	11/12/2020 02:57	WG1574906
Bromomethane	ND		2.50	1	11/12/2020 02:57	WG1574906
n-Butylbenzene	ND		0.500	1	11/12/2020 02:57	WG1574906
sec-Butylbenzene	ND		0.500	1	11/12/2020 02:57	WG1574906
tert-Butylbenzene	ND		0.500	1	11/12/2020 02:57	WG1574906
Carbon disulfide	ND		0.500	1	11/12/2020 02:57	WG1574906
Carbon tetrachloride	ND		0.500	1	11/12/2020 02:57	WG1574906
Chlorobenzene	ND		0.500	1	11/12/2020 02:57	WG1574906
Chlorodibromomethane	ND		0.500	1	11/12/2020 02:57	WG1574906
Chloroethane	ND		2.50	1	11/12/2020 02:57	WG1574906
Chloroform	ND		0.500	1	11/12/2020 02:57	WG1574906
Chloromethane	ND		1.25	1	11/12/2020 02:57	WG1574906
2-Chlorotoluene	ND		0.500	1	11/12/2020 02:57	WG1574906
4-Chlorotoluene	ND		0.500	1	11/12/2020 02:57	WG1574906
1,2-Dibromo-3-Chloropropane	ND		2.50	1	11/12/2020 02:57	WG1574906
1,2-Dibromoethane	ND		0.500	1	11/12/2020 02:57	WG1574906
Dibromomethane	ND		0.500	1	11/12/2020 02:57	WG1574906
1,2-Dichlorobenzene	ND		0.500	1	11/12/2020 02:57	WG1574906
1,3-Dichlorobenzene	ND		0.500	1	11/12/2020 02:57	WG1574906
1,4-Dichlorobenzene	ND		0.500	1	11/12/2020 02:57	WG1574906
Dichlorodifluoromethane	ND		2.50	1	11/12/2020 02:57	WG1574906
1,1-Dichloroethane	ND		0.500	1	11/12/2020 02:57	WG1574906
1,2-Dichloroethane	ND		0.500	1	11/12/2020 02:57	WG1574906
1,1-Dichloroethene	ND		0.500	1	11/12/2020 02:57	WG1574906
cis-1,2-Dichloroethene	0.988		0.500	1	11/12/2020 02:57	WG1574906
trans-1,2-Dichloroethene	ND		0.500	1	11/12/2020 02:57	WG1574906
1,2-Dichloropropane	ND		0.500	1	11/12/2020 02:57	WG1574906
1,1-Dichloropropene	ND		0.500	1	11/12/2020 02:57	WG1574906
1,3-Dichloropropane	ND		1.00	1	11/12/2020 02:57	WG1574906
cis-1,3-Dichloropropene	ND		0.500	1	11/12/2020 02:57	WG1574906
trans-1,3-Dichloropropene	ND		0.500	1	11/12/2020 02:57	WG1574906
2,2-Dichloropropane	ND		0.500	1	11/12/2020 02:57	WG1574906
Di-isopropyl ether	ND		0.500	1	11/12/2020 02:57	WG1574906
Ethylbenzene	ND		0.500	1	11/12/2020 02:57	WG1574906
Hexachloro-1,3-butadiene	ND		1.00	1	11/12/2020 02:57	WG1574906
Isopropylbenzene	ND		0.500	1	11/12/2020 02:57	WG1574906
p-Isopropyltoluene	ND		0.500	1	11/12/2020 02:57	WG1574906
2-Butanone (MEK)	ND		5.00	1	11/12/2020 02:57	WG1574906
Methylene Chloride	ND		2.50	1	11/12/2020 02:57	WG1574906
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	11/12/2020 02:57	WG1574906
Methyl tert-butyl ether	ND		0.500	1	11/12/2020 02:57	WG1574906
Naphthalene	ND		2.50	1	11/12/2020 02:57	WG1574906
n-Propylbenzene	ND		0.500	1	11/12/2020 02:57	WG1574906
Styrene	ND		0.500	1	11/12/2020 02:57	WG1574906
1,1,1,2-Tetrachloroethane	ND		0.500	1	11/12/2020 02:57	WG1574906
1,1,2,2-Tetrachloroethane	ND		0.500	1	11/12/2020 02:57	WG1574906
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	11/12/2020 02:57	WG1574906
Tetrachloroethene	ND		0.500	1	11/12/2020 02:57	WG1574906
Toluene	ND		0.500	1	11/12/2020 02:57	WG1574906
1,2,3-Trichlorobenzene	ND		0.500	1	11/12/2020 02:57	WG1574906

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Collected date/time: 11/04/20 07:45

L1282223

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	11/12/2020 02:57	WG1574906
1,1,1-Trichloroethane	ND		0.500	1	11/12/2020 02:57	WG1574906
1,1,2-Trichloroethane	ND		0.500	1	11/12/2020 02:57	WG1574906
Trichloroethene	5.97		0.500	1	11/12/2020 02:57	WG1574906
Trichlorofluoromethane	ND		2.50	1	11/12/2020 02:57	WG1574906
1,2,3-Trichloropropane	ND		2.50	1	11/12/2020 02:57	WG1574906
1,2,4-Trimethylbenzene	ND		0.500	1	11/12/2020 02:57	WG1574906
1,2,3-Trimethylbenzene	ND		0.500	1	11/12/2020 02:57	WG1574906
1,3,5-Trimethylbenzene	ND		0.500	1	11/12/2020 02:57	WG1574906
Vinyl chloride	ND		0.500	1	11/12/2020 02:57	WG1574906
Xylenes, Total	ND		1.50	1	11/12/2020 02:57	WG1574906
(S) Toluene-d8	97.6		80.0-120		11/12/2020 02:57	WG1574906
(S) 4-Bromofluorobenzene	95.0		77.0-126		11/12/2020 02:57	WG1574906
(S) 1,2-Dichloroethane-d4	90.9		70.0-130		11/12/2020 02:57	WG1574906

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	11/12/2020 03:19	WG1574906
Acrolein	ND	C3	50.0	1	11/12/2020 03:19	WG1574906
Acrylonitrile	ND		5.00	1	11/12/2020 03:19	WG1574906
Benzene	ND		0.500	1	11/12/2020 03:19	WG1574906
Bromobenzene	ND		0.500	1	11/12/2020 03:19	WG1574906
Bromodichloromethane	ND		0.500	1	11/12/2020 03:19	WG1574906
Bromoform	ND		0.500	1	11/12/2020 03:19	WG1574906
Bromomethane	ND		2.50	1	11/12/2020 03:19	WG1574906
n-Butylbenzene	ND		0.500	1	11/12/2020 03:19	WG1574906
sec-Butylbenzene	ND		0.500	1	11/12/2020 03:19	WG1574906
tert-Butylbenzene	ND		0.500	1	11/12/2020 03:19	WG1574906
Carbon disulfide	ND		0.500	1	11/12/2020 03:19	WG1574906
Carbon tetrachloride	ND		0.500	1	11/12/2020 03:19	WG1574906
Chlorobenzene	ND		0.500	1	11/12/2020 03:19	WG1574906
Chlorodibromomethane	ND		0.500	1	11/12/2020 03:19	WG1574906
Chloroethane	ND		2.50	1	11/12/2020 03:19	WG1574906
Chloroform	0.781		0.500	1	11/12/2020 03:19	WG1574906
Chloromethane	ND		1.25	1	11/12/2020 03:19	WG1574906
2-Chlorotoluene	ND		0.500	1	11/12/2020 03:19	WG1574906
4-Chlorotoluene	ND		0.500	1	11/12/2020 03:19	WG1574906
1,2-Dibromo-3-Chloropropane	ND		2.50	1	11/12/2020 03:19	WG1574906
1,2-Dibromoethane	ND		0.500	1	11/12/2020 03:19	WG1574906
Dibromomethane	ND		0.500	1	11/12/2020 03:19	WG1574906
1,2-Dichlorobenzene	ND		0.500	1	11/12/2020 03:19	WG1574906
1,3-Dichlorobenzene	ND		0.500	1	11/12/2020 03:19	WG1574906
1,4-Dichlorobenzene	ND		0.500	1	11/12/2020 03:19	WG1574906
Dichlorodifluoromethane	ND		2.50	1	11/12/2020 03:19	WG1574906
1,1-Dichloroethane	ND		0.500	1	11/12/2020 03:19	WG1574906
1,2-Dichloroethane	ND		0.500	1	11/12/2020 03:19	WG1574906
1,1-Dichloroethene	ND		0.500	1	11/12/2020 03:19	WG1574906
cis-1,2-Dichloroethene	ND		0.500	1	11/12/2020 03:19	WG1574906
trans-1,2-Dichloroethene	ND		0.500	1	11/12/2020 03:19	WG1574906
1,2-Dichloropropane	ND		0.500	1	11/12/2020 03:19	WG1574906
1,1-Dichloropropene	ND		0.500	1	11/12/2020 03:19	WG1574906
1,3-Dichloropropane	ND		1.00	1	11/12/2020 03:19	WG1574906
cis-1,3-Dichloropropene	ND		0.500	1	11/12/2020 03:19	WG1574906
trans-1,3-Dichloropropene	ND		0.500	1	11/12/2020 03:19	WG1574906
2,2-Dichloropropane	ND		0.500	1	11/12/2020 03:19	WG1574906
Di-isopropyl ether	ND		0.500	1	11/12/2020 03:19	WG1574906
Ethylbenzene	ND		0.500	1	11/12/2020 03:19	WG1574906
Hexachloro-1,3-butadiene	ND		1.00	1	11/12/2020 03:19	WG1574906
Isopropylbenzene	ND		0.500	1	11/12/2020 03:19	WG1574906
p-Isopropyltoluene	ND		0.500	1	11/12/2020 03:19	WG1574906
2-Butanone (MEK)	ND		5.00	1	11/12/2020 03:19	WG1574906
Methylene Chloride	ND		2.50	1	11/12/2020 03:19	WG1574906
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	11/12/2020 03:19	WG1574906
Methyl tert-butyl ether	ND		0.500	1	11/12/2020 03:19	WG1574906
Naphthalene	ND		2.50	1	11/12/2020 03:19	WG1574906
n-Propylbenzene	ND		0.500	1	11/12/2020 03:19	WG1574906
Styrene	ND		0.500	1	11/12/2020 03:19	WG1574906
1,1,1,2-Tetrachloroethane	ND		0.500	1	11/12/2020 03:19	WG1574906
1,1,2,2-Tetrachloroethane	ND		0.500	1	11/12/2020 03:19	WG1574906
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	11/12/2020 03:19	WG1574906
Tetrachloroethene	ND		0.500	1	11/12/2020 03:19	WG1574906
Toluene	ND		0.500	1	11/12/2020 03:19	WG1574906
1,2,3-Trichlorobenzene	ND		0.500	1	11/12/2020 03:19	WG1574906

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	11/12/2020 03:19	WG1574906
1,1,1-Trichloroethane	ND		0.500	1	11/12/2020 03:19	WG1574906
1,1,2-Trichloroethane	ND		0.500	1	11/12/2020 03:19	WG1574906
Trichloroethene	1.64		0.500	1	11/12/2020 03:19	WG1574906
Trichlorofluoromethane	ND		2.50	1	11/12/2020 03:19	WG1574906
1,2,3-Trichloropropane	ND		2.50	1	11/12/2020 03:19	WG1574906
1,2,4-Trimethylbenzene	ND		0.500	1	11/12/2020 03:19	WG1574906
1,2,3-Trimethylbenzene	ND		0.500	1	11/12/2020 03:19	WG1574906
1,3,5-Trimethylbenzene	ND		0.500	1	11/12/2020 03:19	WG1574906
Vinyl chloride	ND		0.500	1	11/12/2020 03:19	WG1574906
Xylenes, Total	ND		1.50	1	11/12/2020 03:19	WG1574906
(S) Toluene-d8	96.7		80.0-120		11/12/2020 03:19	WG1574906
(S) 4-Bromofluorobenzene	93.5		77.0-126		11/12/2020 03:19	WG1574906
(S) 1,2-Dichloroethane-d4	90.8		70.0-130		11/12/2020 03:19	WG1574906

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	11/12/2020 03:41	WG1574906
Acrolein	ND	C3	50.0	1	11/12/2020 03:41	WG1574906
Acrylonitrile	ND		5.00	1	11/12/2020 03:41	WG1574906
Benzene	ND		0.500	1	11/12/2020 03:41	WG1574906
Bromobenzene	ND		0.500	1	11/12/2020 03:41	WG1574906
Bromodichloromethane	ND		0.500	1	11/12/2020 03:41	WG1574906
Bromoform	ND		0.500	1	11/12/2020 03:41	WG1574906
Bromomethane	ND		2.50	1	11/12/2020 03:41	WG1574906
n-Butylbenzene	ND		0.500	1	11/12/2020 03:41	WG1574906
sec-Butylbenzene	ND		0.500	1	11/12/2020 03:41	WG1574906
tert-Butylbenzene	ND		0.500	1	11/12/2020 03:41	WG1574906
Carbon disulfide	ND		0.500	1	11/12/2020 03:41	WG1574906
Carbon tetrachloride	ND		0.500	1	11/12/2020 03:41	WG1574906
Chlorobenzene	ND		0.500	1	11/12/2020 03:41	WG1574906
Chlorodibromomethane	ND		0.500	1	11/12/2020 03:41	WG1574906
Chloroethane	ND		2.50	1	11/12/2020 03:41	WG1574906
Chloroform	ND		0.500	1	11/12/2020 03:41	WG1574906
Chloromethane	ND		1.25	1	11/12/2020 03:41	WG1574906
2-Chlorotoluene	ND		0.500	1	11/12/2020 03:41	WG1574906
4-Chlorotoluene	ND		0.500	1	11/12/2020 03:41	WG1574906
1,2-Dibromo-3-Chloropropane	ND		2.50	1	11/12/2020 03:41	WG1574906
1,2-Dibromoethane	ND		0.500	1	11/12/2020 03:41	WG1574906
Dibromomethane	ND		0.500	1	11/12/2020 03:41	WG1574906
1,2-Dichlorobenzene	ND		0.500	1	11/12/2020 03:41	WG1574906
1,3-Dichlorobenzene	ND		0.500	1	11/12/2020 03:41	WG1574906
1,4-Dichlorobenzene	ND		0.500	1	11/12/2020 03:41	WG1574906
Dichlorodifluoromethane	ND		2.50	1	11/12/2020 03:41	WG1574906
1,1-Dichloroethane	ND		0.500	1	11/12/2020 03:41	WG1574906
1,2-Dichloroethane	ND		0.500	1	11/12/2020 03:41	WG1574906
1,1-Dichloroethene	ND		0.500	1	11/12/2020 03:41	WG1574906
cis-1,2-Dichloroethene	ND		0.500	1	11/12/2020 03:41	WG1574906
trans-1,2-Dichloroethene	ND		0.500	1	11/12/2020 03:41	WG1574906
1,2-Dichloropropane	ND		0.500	1	11/12/2020 03:41	WG1574906
1,1-Dichloropropene	ND		0.500	1	11/12/2020 03:41	WG1574906
1,3-Dichloropropane	ND		1.00	1	11/12/2020 03:41	WG1574906
cis-1,3-Dichloropropene	ND		0.500	1	11/12/2020 03:41	WG1574906
trans-1,3-Dichloropropene	ND		0.500	1	11/12/2020 03:41	WG1574906
2,2-Dichloropropane	ND		0.500	1	11/12/2020 03:41	WG1574906
Di-isopropyl ether	ND		0.500	1	11/12/2020 03:41	WG1574906
Ethylbenzene	ND		0.500	1	11/12/2020 03:41	WG1574906
Hexachloro-1,3-butadiene	ND		1.00	1	11/12/2020 03:41	WG1574906
Isopropylbenzene	ND		0.500	1	11/12/2020 03:41	WG1574906
p-Isopropyltoluene	ND		0.500	1	11/12/2020 03:41	WG1574906
2-Butanone (MEK)	ND		5.00	1	11/12/2020 03:41	WG1574906
Methylene Chloride	ND		2.50	1	11/12/2020 03:41	WG1574906
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	11/12/2020 03:41	WG1574906
Methyl tert-butyl ether	ND		0.500	1	11/12/2020 03:41	WG1574906
Naphthalene	ND		2.50	1	11/12/2020 03:41	WG1574906
n-Propylbenzene	ND		0.500	1	11/12/2020 03:41	WG1574906
Styrene	ND		0.500	1	11/12/2020 03:41	WG1574906
1,1,1,2-Tetrachloroethane	ND		0.500	1	11/12/2020 03:41	WG1574906
1,1,2,2-Tetrachloroethane	ND		0.500	1	11/12/2020 03:41	WG1574906
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	11/12/2020 03:41	WG1574906
Tetrachloroethene	ND		0.500	1	11/12/2020 03:41	WG1574906
Toluene	ND		0.500	1	11/12/2020 03:41	WG1574906
1,2,3-Trichlorobenzene	ND		0.500	1	11/12/2020 03:41	WG1574906

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	11/12/2020 03:41	WG1574906
1,1,1-Trichloroethane	ND		0.500	1	11/12/2020 03:41	WG1574906
1,1,2-Trichloroethane	ND		0.500	1	11/12/2020 03:41	WG1574906
Trichloroethene	ND		0.500	1	11/12/2020 03:41	WG1574906
Trichlorofluoromethane	ND		2.50	1	11/12/2020 03:41	WG1574906
1,2,3-Trichloropropane	ND		2.50	1	11/12/2020 03:41	WG1574906
1,2,4-Trimethylbenzene	ND		0.500	1	11/12/2020 03:41	WG1574906
1,2,3-Trimethylbenzene	ND		0.500	1	11/12/2020 03:41	WG1574906
1,3,5-Trimethylbenzene	ND		0.500	1	11/12/2020 03:41	WG1574906
Vinyl chloride	ND		0.500	1	11/12/2020 03:41	WG1574906
Xylenes, Total	ND		1.50	1	11/12/2020 03:41	WG1574906
(S) Toluene-d8	97.4		80.0-120		11/12/2020 03:41	WG1574906
(S) 4-Bromofluorobenzene	94.8		77.0-126		11/12/2020 03:41	WG1574906
(S) 1,2-Dichloroethane-d4	92.1		70.0-130		11/12/2020 03:41	WG1574906

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	70.7		25.0	1	11/12/2020 04:03	WG1574906
Acrolein	ND	C3	50.0	1	11/12/2020 04:03	WG1574906
Acrylonitrile	ND		5.00	1	11/12/2020 04:03	WG1574906
Benzene	ND		0.500	1	11/12/2020 04:03	WG1574906
Bromobenzene	ND		0.500	1	11/12/2020 04:03	WG1574906
Bromodichloromethane	ND		0.500	1	11/12/2020 04:03	WG1574906
Bromoform	ND		0.500	1	11/12/2020 04:03	WG1574906
Bromomethane	ND		2.50	1	11/12/2020 04:03	WG1574906
n-Butylbenzene	ND		0.500	1	11/12/2020 04:03	WG1574906
sec-Butylbenzene	ND		0.500	1	11/12/2020 04:03	WG1574906
tert-Butylbenzene	ND		0.500	1	11/12/2020 04:03	WG1574906
Carbon disulfide	ND		0.500	1	11/12/2020 04:03	WG1574906
Carbon tetrachloride	ND		0.500	1	11/12/2020 04:03	WG1574906
Chlorobenzene	ND		0.500	1	11/12/2020 04:03	WG1574906
Chlorodibromomethane	ND		0.500	1	11/12/2020 04:03	WG1574906
Chloroethane	ND		2.50	1	11/12/2020 04:03	WG1574906
Chloroform	ND		0.500	1	11/12/2020 04:03	WG1574906
Chloromethane	ND		1.25	1	11/12/2020 04:03	WG1574906
2-Chlorotoluene	ND		0.500	1	11/12/2020 04:03	WG1574906
4-Chlorotoluene	ND		0.500	1	11/12/2020 04:03	WG1574906
1,2-Dibromo-3-Chloropropane	ND		2.50	1	11/12/2020 04:03	WG1574906
1,2-Dibromoethane	ND		0.500	1	11/12/2020 04:03	WG1574906
Dibromomethane	ND		0.500	1	11/12/2020 04:03	WG1574906
1,2-Dichlorobenzene	ND		0.500	1	11/12/2020 04:03	WG1574906
1,3-Dichlorobenzene	ND		0.500	1	11/12/2020 04:03	WG1574906
1,4-Dichlorobenzene	ND		0.500	1	11/12/2020 04:03	WG1574906
Dichlorodifluoromethane	ND		2.50	1	11/12/2020 04:03	WG1574906
1,1-Dichloroethane	ND		0.500	1	11/12/2020 04:03	WG1574906
1,2-Dichloroethane	ND		0.500	1	11/12/2020 04:03	WG1574906
1,1-Dichloroethene	ND		0.500	1	11/12/2020 04:03	WG1574906
cis-1,2-Dichloroethene	9.95		0.500	1	11/12/2020 04:03	WG1574906
trans-1,2-Dichloroethene	ND		0.500	1	11/12/2020 04:03	WG1574906
1,2-Dichloropropane	ND		0.500	1	11/12/2020 04:03	WG1574906
1,1-Dichloropropene	ND		0.500	1	11/12/2020 04:03	WG1574906
1,3-Dichloropropane	ND		1.00	1	11/12/2020 04:03	WG1574906
cis-1,3-Dichloropropene	ND		0.500	1	11/12/2020 04:03	WG1574906
trans-1,3-Dichloropropene	ND		0.500	1	11/12/2020 04:03	WG1574906
2,2-Dichloropropane	ND		0.500	1	11/12/2020 04:03	WG1574906
Di-isopropyl ether	ND		0.500	1	11/12/2020 04:03	WG1574906
Ethylbenzene	ND		0.500	1	11/12/2020 04:03	WG1574906
Hexachloro-1,3-butadiene	ND		1.00	1	11/12/2020 04:03	WG1574906
Isopropylbenzene	ND		0.500	1	11/12/2020 04:03	WG1574906
p-Isopropyltoluene	ND		0.500	1	11/12/2020 04:03	WG1574906
2-Butanone (MEK)	16.3		5.00	1	11/12/2020 04:03	WG1574906
Methylene Chloride	ND		2.50	1	11/12/2020 04:03	WG1574906
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	11/12/2020 04:03	WG1574906
Methyl tert-butyl ether	ND		0.500	1	11/12/2020 04:03	WG1574906
Naphthalene	ND		2.50	1	11/12/2020 04:03	WG1574906
n-Propylbenzene	ND		0.500	1	11/12/2020 04:03	WG1574906
Styrene	ND		0.500	1	11/12/2020 04:03	WG1574906
1,1,1,2-Tetrachloroethane	ND		0.500	1	11/12/2020 04:03	WG1574906
1,1,2,2-Tetrachloroethane	ND		0.500	1	11/12/2020 04:03	WG1574906
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	11/12/2020 04:03	WG1574906
Tetrachloroethene	0.876		0.500	1	11/12/2020 04:03	WG1574906
Toluene	ND		0.500	1	11/12/2020 04:03	WG1574906
1,2,3-Trichlorobenzene	ND		0.500	1	11/12/2020 04:03	WG1574906

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Collected date/time: 11/04/20 09:40

L1282223

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	11/12/2020 04:03	WG1574906
1,1,1-Trichloroethane	ND		0.500	1	11/12/2020 04:03	WG1574906
1,1,2-Trichloroethane	ND		0.500	1	11/12/2020 04:03	WG1574906
Trichloroethene	34.6		0.500	1	11/12/2020 04:03	WG1574906
Trichlorofluoromethane	ND		2.50	1	11/12/2020 04:03	WG1574906
1,2,3-Trichloropropane	ND		2.50	1	11/12/2020 04:03	WG1574906
1,2,4-Trimethylbenzene	ND		0.500	1	11/12/2020 04:03	WG1574906
1,2,3-Trimethylbenzene	ND		0.500	1	11/12/2020 04:03	WG1574906
1,3,5-Trimethylbenzene	ND		0.500	1	11/12/2020 04:03	WG1574906
Vinyl chloride	ND		0.500	1	11/12/2020 04:03	WG1574906
Xylenes, Total	ND		1.50	1	11/12/2020 04:03	WG1574906
(S) Toluene-d8	98.8		80.0-120		11/12/2020 04:03	WG1574906
(S) 4-Bromofluorobenzene	97.8		77.0-126		11/12/2020 04:03	WG1574906
(S) 1,2-Dichloroethane-d4	90.5		70.0-130		11/12/2020 04:03	WG1574906

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	50.7		25.0	1	11/12/2020 11:06	WG1575329
Acrolein	ND		50.0	1	11/12/2020 11:06	WG1575329
Acrylonitrile	ND		5.00	1	11/12/2020 11:06	WG1575329
Benzene	ND		0.500	1	11/12/2020 11:06	WG1575329
Bromobenzene	ND		0.500	1	11/12/2020 11:06	WG1575329
Bromodichloromethane	ND		0.500	1	11/12/2020 11:06	WG1575329
Bromoform	ND		0.500	1	11/12/2020 11:06	WG1575329
Bromomethane	ND		2.50	1	11/12/2020 11:06	WG1575329
n-Butylbenzene	ND		0.500	1	11/12/2020 11:06	WG1575329
sec-Butylbenzene	ND		0.500	1	11/12/2020 11:06	WG1575329
tert-Butylbenzene	ND		0.500	1	11/12/2020 11:06	WG1575329
Carbon disulfide	ND		0.500	1	11/12/2020 11:06	WG1575329
Carbon tetrachloride	ND		0.500	1	11/12/2020 11:06	WG1575329
Chlorobenzene	ND		0.500	1	11/12/2020 11:06	WG1575329
Chlorodibromomethane	ND		0.500	1	11/12/2020 11:06	WG1575329
Chloroethane	ND		2.50	1	11/12/2020 11:06	WG1575329
Chloroform	ND		0.500	1	11/12/2020 11:06	WG1575329
Chloromethane	ND		1.25	1	11/12/2020 11:06	WG1575329
2-Chlorotoluene	ND		0.500	1	11/12/2020 11:06	WG1575329
4-Chlorotoluene	ND		0.500	1	11/12/2020 11:06	WG1575329
1,2-Dibromo-3-Chloropropane	ND		2.50	1	11/12/2020 11:06	WG1575329
1,2-Dibromoethane	ND		0.500	1	11/12/2020 11:06	WG1575329
Dibromomethane	ND		0.500	1	11/12/2020 11:06	WG1575329
1,2-Dichlorobenzene	ND		0.500	1	11/12/2020 11:06	WG1575329
1,3-Dichlorobenzene	ND		0.500	1	11/12/2020 11:06	WG1575329
1,4-Dichlorobenzene	ND		0.500	1	11/12/2020 11:06	WG1575329
Dichlorodifluoromethane	ND		2.50	1	11/12/2020 11:06	WG1575329
1,1-Dichloroethane	ND		0.500	1	11/12/2020 11:06	WG1575329
1,2-Dichloroethane	ND		0.500	1	11/12/2020 11:06	WG1575329
1,1-Dichloroethene	ND		0.500	1	11/12/2020 11:06	WG1575329
cis-1,2-Dichloroethene	0.907		0.500	1	11/12/2020 11:06	WG1575329
trans-1,2-Dichloroethene	ND		0.500	1	11/12/2020 11:06	WG1575329
1,2-Dichloropropane	ND		0.500	1	11/12/2020 11:06	WG1575329
1,1-Dichloropropene	ND		0.500	1	11/12/2020 11:06	WG1575329
1,3-Dichloropropane	ND		1.00	1	11/12/2020 11:06	WG1575329
cis-1,3-Dichloropropene	ND		0.500	1	11/12/2020 11:06	WG1575329
trans-1,3-Dichloropropene	ND		0.500	1	11/12/2020 11:06	WG1575329
2,2-Dichloropropane	ND		0.500	1	11/12/2020 11:06	WG1575329
Di-isopropyl ether	ND		0.500	1	11/12/2020 11:06	WG1575329
Ethylbenzene	ND		0.500	1	11/12/2020 11:06	WG1575329
Hexachloro-1,3-butadiene	ND		1.00	1	11/12/2020 11:06	WG1575329
Isopropylbenzene	ND		0.500	1	11/12/2020 11:06	WG1575329
p-Isopropyltoluene	ND		0.500	1	11/12/2020 11:06	WG1575329
2-Butanone (MEK)	15.8	C5	5.00	1	11/12/2020 11:06	WG1575329
Methylene Chloride	ND	J4	2.50	1	11/12/2020 11:06	WG1575329
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	11/12/2020 11:06	WG1575329
Methyl tert-butyl ether	ND		0.500	1	11/12/2020 11:06	WG1575329
Naphthalene	ND		2.50	1	11/12/2020 11:06	WG1575329
n-Propylbenzene	ND		0.500	1	11/12/2020 11:06	WG1575329
Styrene	ND		0.500	1	11/12/2020 11:06	WG1575329
1,1,1,2-Tetrachloroethane	ND		0.500	1	11/12/2020 11:06	WG1575329
1,1,2,2-Tetrachloroethane	ND		0.500	1	11/12/2020 11:06	WG1575329
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	11/12/2020 11:06	WG1575329
Tetrachloroethene	ND		0.500	1	11/12/2020 11:06	WG1575329
Toluene	ND		0.500	1	11/12/2020 11:06	WG1575329
1,2,3-Trichlorobenzene	ND		0.500	1	11/12/2020 11:06	WG1575329

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	11/12/2020 11:06	WG1575329
1,1,1-Trichloroethane	ND		0.500	1	11/12/2020 11:06	WG1575329
1,1,2-Trichloroethane	ND		0.500	1	11/12/2020 11:06	WG1575329
Trichloroethene	3.87		0.500	1	11/12/2020 11:06	WG1575329
Trichlorofluoromethane	ND		2.50	1	11/12/2020 11:06	WG1575329
1,2,3-Trichloropropane	ND		2.50	1	11/12/2020 11:06	WG1575329
1,2,4-Trimethylbenzene	ND		0.500	1	11/12/2020 11:06	WG1575329
1,2,3-Trimethylbenzene	ND		0.500	1	11/12/2020 11:06	WG1575329
1,3,5-Trimethylbenzene	ND		0.500	1	11/12/2020 11:06	WG1575329
Vinyl chloride	ND		0.500	1	11/12/2020 11:06	WG1575329
Xylenes, Total	ND		1.50	1	11/12/2020 11:06	WG1575329
(S) Toluene-d8	104		80.0-120		11/12/2020 11:06	WG1575329
(S) 4-Bromofluorobenzene	95.3		77.0-126		11/12/2020 11:06	WG1575329
(S) 1,2-Dichloroethane-d4	98.1		70.0-130		11/12/2020 11:06	WG1575329

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	28.9		25.0	1	11/12/2020 11:26	WG1575329
Acrolein	ND		50.0	1	11/12/2020 11:26	WG1575329
Acrylonitrile	ND		5.00	1	11/12/2020 11:26	WG1575329
Benzene	ND		0.500	1	11/12/2020 11:26	WG1575329
Bromobenzene	ND		0.500	1	11/12/2020 11:26	WG1575329
Bromodichloromethane	ND		0.500	1	11/12/2020 11:26	WG1575329
Bromoform	ND		0.500	1	11/12/2020 11:26	WG1575329
Bromomethane	ND		2.50	1	11/12/2020 11:26	WG1575329
n-Butylbenzene	ND		0.500	1	11/12/2020 11:26	WG1575329
sec-Butylbenzene	ND		0.500	1	11/12/2020 11:26	WG1575329
tert-Butylbenzene	ND		0.500	1	11/12/2020 11:26	WG1575329
Carbon disulfide	ND		0.500	1	11/12/2020 11:26	WG1575329
Carbon tetrachloride	ND		0.500	1	11/12/2020 11:26	WG1575329
Chlorobenzene	ND		0.500	1	11/12/2020 11:26	WG1575329
Chlorodibromomethane	ND		0.500	1	11/12/2020 11:26	WG1575329
Chloroethane	ND		2.50	1	11/12/2020 11:26	WG1575329
Chloroform	ND		0.500	1	11/12/2020 11:26	WG1575329
Chloromethane	ND		1.25	1	11/12/2020 11:26	WG1575329
2-Chlorotoluene	ND		0.500	1	11/12/2020 11:26	WG1575329
4-Chlorotoluene	ND		0.500	1	11/12/2020 11:26	WG1575329
1,2-Dibromo-3-Chloropropane	ND		2.50	1	11/12/2020 11:26	WG1575329
1,2-Dibromoethane	ND		0.500	1	11/12/2020 11:26	WG1575329
Dibromomethane	ND		0.500	1	11/12/2020 11:26	WG1575329
1,2-Dichlorobenzene	ND		0.500	1	11/12/2020 11:26	WG1575329
1,3-Dichlorobenzene	ND		0.500	1	11/12/2020 11:26	WG1575329
1,4-Dichlorobenzene	ND		0.500	1	11/12/2020 11:26	WG1575329
Dichlorodifluoromethane	ND		2.50	1	11/12/2020 11:26	WG1575329
1,1-Dichloroethane	ND		0.500	1	11/12/2020 11:26	WG1575329
1,2-Dichloroethane	ND		0.500	1	11/12/2020 11:26	WG1575329
1,1-Dichloroethene	ND		0.500	1	11/12/2020 11:26	WG1575329
cis-1,2-Dichloroethene	ND		0.500	1	11/12/2020 11:26	WG1575329
trans-1,2-Dichloroethene	ND		0.500	1	11/12/2020 11:26	WG1575329
1,2-Dichloropropane	ND		0.500	1	11/12/2020 11:26	WG1575329
1,1-Dichloropropene	ND		0.500	1	11/12/2020 11:26	WG1575329
1,3-Dichloropropane	ND		1.00	1	11/12/2020 11:26	WG1575329
cis-1,3-Dichloropropene	ND		0.500	1	11/12/2020 11:26	WG1575329
trans-1,3-Dichloropropene	ND		0.500	1	11/12/2020 11:26	WG1575329
2,2-Dichloropropane	ND		0.500	1	11/12/2020 11:26	WG1575329
Di-isopropyl ether	ND		0.500	1	11/12/2020 11:26	WG1575329
Ethylbenzene	ND		0.500	1	11/12/2020 11:26	WG1575329
Hexachloro-1,3-butadiene	ND		1.00	1	11/12/2020 11:26	WG1575329
Isopropylbenzene	ND		0.500	1	11/12/2020 11:26	WG1575329
p-Isopropyltoluene	ND		0.500	1	11/12/2020 11:26	WG1575329
2-Butanone (MEK)	9.87	C5	5.00	1	11/12/2020 11:26	WG1575329
Methylene Chloride	ND	J4	2.50	1	11/12/2020 11:26	WG1575329
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	11/12/2020 11:26	WG1575329
Methyl tert-butyl ether	ND		0.500	1	11/12/2020 11:26	WG1575329
Naphthalene	ND		2.50	1	11/12/2020 11:26	WG1575329
n-Propylbenzene	ND		0.500	1	11/12/2020 11:26	WG1575329
Styrene	ND		0.500	1	11/12/2020 11:26	WG1575329
1,1,1,2-Tetrachloroethane	ND		0.500	1	11/12/2020 11:26	WG1575329
1,1,2,2-Tetrachloroethane	ND		0.500	1	11/12/2020 11:26	WG1575329
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	11/12/2020 11:26	WG1575329
Tetrachloroethene	ND		0.500	1	11/12/2020 11:26	WG1575329
Toluene	ND		0.500	1	11/12/2020 11:26	WG1575329
1,2,3-Trichlorobenzene	ND		0.500	1	11/12/2020 11:26	WG1575329

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Collected date/time: 11/04/20 10:30

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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
1,2,4-Trichlorobenzene	ND		1.00	1	11/12/2020 11:26	WG1575329
1,1,1-Trichloroethane	ND		0.500	1	11/12/2020 11:26	WG1575329
1,1,2-Trichloroethane	ND		0.500	1	11/12/2020 11:26	WG1575329
Trichloroethene	2.18		0.500	1	11/12/2020 11:26	WG1575329
Trichlorofluoromethane	ND		2.50	1	11/12/2020 11:26	WG1575329
1,2,3-Trichloropropane	ND		2.50	1	11/12/2020 11:26	WG1575329
1,2,4-Trimethylbenzene	ND		0.500	1	11/12/2020 11:26	WG1575329
1,2,3-Trimethylbenzene	ND		0.500	1	11/12/2020 11:26	WG1575329
1,3,5-Trimethylbenzene	ND		0.500	1	11/12/2020 11:26	WG1575329
Vinyl chloride	ND		0.500	1	11/12/2020 11:26	WG1575329
Xylenes, Total	ND		1.50	1	11/12/2020 11:26	WG1575329
(S) Toluene-d8	105		80.0-120		11/12/2020 11:26	WG1575329
(S) 4-Bromofluorobenzene	95.7		77.0-126		11/12/2020 11:26	WG1575329
(S) 1,2-Dichloroethane-d4	96.3		70.0-130		11/12/2020 11:26	WG1575329

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	33.0		25.0	1	11/12/2020 11:47	WG1575329
Acrolein	ND		50.0	1	11/12/2020 11:47	WG1575329
Acrylonitrile	ND		5.00	1	11/12/2020 11:47	WG1575329
Benzene	ND		0.500	1	11/12/2020 11:47	WG1575329
Bromobenzene	ND		0.500	1	11/12/2020 11:47	WG1575329
Bromodichloromethane	ND		0.500	1	11/12/2020 11:47	WG1575329
Bromoform	ND		0.500	1	11/12/2020 11:47	WG1575329
Bromomethane	ND		2.50	1	11/12/2020 11:47	WG1575329
n-Butylbenzene	ND		0.500	1	11/12/2020 11:47	WG1575329
sec-Butylbenzene	ND		0.500	1	11/12/2020 11:47	WG1575329
tert-Butylbenzene	ND		0.500	1	11/12/2020 11:47	WG1575329
Carbon disulfide	ND		0.500	1	11/12/2020 11:47	WG1575329
Carbon tetrachloride	ND		0.500	1	11/12/2020 11:47	WG1575329
Chlorobenzene	ND		0.500	1	11/12/2020 11:47	WG1575329
Chlorodibromomethane	ND		0.500	1	11/12/2020 11:47	WG1575329
Chloroethane	ND		2.50	1	11/12/2020 11:47	WG1575329
Chloroform	0.846		0.500	1	11/12/2020 11:47	WG1575329
Chloromethane	ND		1.25	1	11/12/2020 11:47	WG1575329
2-Chlorotoluene	ND		0.500	1	11/12/2020 11:47	WG1575329
4-Chlorotoluene	ND		0.500	1	11/12/2020 11:47	WG1575329
1,2-Dibromo-3-Chloropropane	ND		2.50	1	11/12/2020 11:47	WG1575329
1,2-Dibromoethane	ND		0.500	1	11/12/2020 11:47	WG1575329
Dibromomethane	ND		0.500	1	11/12/2020 11:47	WG1575329
1,2-Dichlorobenzene	ND		0.500	1	11/12/2020 11:47	WG1575329
1,3-Dichlorobenzene	ND		0.500	1	11/12/2020 11:47	WG1575329
1,4-Dichlorobenzene	ND		0.500	1	11/12/2020 11:47	WG1575329
Dichlorodifluoromethane	ND		2.50	1	11/12/2020 11:47	WG1575329
1,1-Dichloroethane	ND		0.500	1	11/12/2020 11:47	WG1575329
1,2-Dichloroethane	ND		0.500	1	11/12/2020 11:47	WG1575329
1,1-Dichloroethene	ND		0.500	1	11/12/2020 11:47	WG1575329
cis-1,2-Dichloroethene	5.01		0.500	1	11/12/2020 11:47	WG1575329
trans-1,2-Dichloroethene	ND		0.500	1	11/12/2020 11:47	WG1575329
1,2-Dichloropropane	ND		0.500	1	11/12/2020 11:47	WG1575329
1,1-Dichloropropene	ND		0.500	1	11/12/2020 11:47	WG1575329
1,3-Dichloropropane	ND		1.00	1	11/12/2020 11:47	WG1575329
cis-1,3-Dichloropropene	ND		0.500	1	11/12/2020 11:47	WG1575329
trans-1,3-Dichloropropene	ND		0.500	1	11/12/2020 11:47	WG1575329
2,2-Dichloropropane	ND		0.500	1	11/12/2020 11:47	WG1575329
Di-isopropyl ether	ND		0.500	1	11/12/2020 11:47	WG1575329
Ethylbenzene	ND		0.500	1	11/12/2020 11:47	WG1575329
Hexachloro-1,3-butadiene	ND		1.00	1	11/12/2020 11:47	WG1575329
Isopropylbenzene	ND		0.500	1	11/12/2020 11:47	WG1575329
p-Isopropyltoluene	ND		0.500	1	11/12/2020 11:47	WG1575329
2-Butanone (MEK)	10.2	C5	5.00	1	11/12/2020 11:47	WG1575329
Methylene Chloride	ND	J4	2.50	1	11/12/2020 11:47	WG1575329
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	11/12/2020 11:47	WG1575329
Methyl tert-butyl ether	ND		0.500	1	11/12/2020 11:47	WG1575329
Naphthalene	ND		2.50	1	11/12/2020 11:47	WG1575329
n-Propylbenzene	ND		0.500	1	11/12/2020 11:47	WG1575329
Styrene	ND		0.500	1	11/12/2020 11:47	WG1575329
1,1,1,2-Tetrachloroethane	ND		0.500	1	11/12/2020 11:47	WG1575329
1,1,2,2-Tetrachloroethane	ND		0.500	1	11/12/2020 11:47	WG1575329
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	11/12/2020 11:47	WG1575329
Tetrachloroethene	1.93		0.500	1	11/12/2020 11:47	WG1575329
Toluene	ND		0.500	1	11/12/2020 11:47	WG1575329
1,2,3-Trichlorobenzene	ND		0.500	1	11/12/2020 11:47	WG1575329

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Collected date/time: 11/04/20 09:00

L1282223

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	11/12/2020 11:47	WG1575329
1,1,1-Trichloroethane	ND		0.500	1	11/12/2020 11:47	WG1575329
1,1,2-Trichloroethane	ND		0.500	1	11/12/2020 11:47	WG1575329
Trichloroethene	37.9		0.500	1	11/12/2020 11:47	WG1575329
Trichlorofluoromethane	ND		2.50	1	11/12/2020 11:47	WG1575329
1,2,3-Trichloropropane	ND		2.50	1	11/12/2020 11:47	WG1575329
1,2,4-Trimethylbenzene	ND		0.500	1	11/12/2020 11:47	WG1575329
1,2,3-Trimethylbenzene	ND		0.500	1	11/12/2020 11:47	WG1575329
1,3,5-Trimethylbenzene	ND		0.500	1	11/12/2020 11:47	WG1575329
Vinyl chloride	ND		0.500	1	11/12/2020 11:47	WG1575329
Xylenes, Total	ND		1.50	1	11/12/2020 11:47	WG1575329
(S) Toluene-d8	106		80.0-120		11/12/2020 11:47	WG1575329
(S) 4-Bromofluorobenzene	97.4		77.0-126		11/12/2020 11:47	WG1575329
(S) 1,2-Dichloroethane-d4	95.3		70.0-130		11/12/2020 11:47	WG1575329

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	34.0		25.0	1	11/12/2020 12:08	WG1575329
Acrolein	ND		50.0	1	11/12/2020 12:08	WG1575329
Acrylonitrile	ND		5.00	1	11/12/2020 12:08	WG1575329
Benzene	ND		0.500	1	11/12/2020 12:08	WG1575329
Bromobenzene	ND		0.500	1	11/12/2020 12:08	WG1575329
Bromodichloromethane	ND		0.500	1	11/12/2020 12:08	WG1575329
Bromoform	ND		0.500	1	11/12/2020 12:08	WG1575329
Bromomethane	ND		2.50	1	11/12/2020 12:08	WG1575329
n-Butylbenzene	ND		0.500	1	11/12/2020 12:08	WG1575329
sec-Butylbenzene	ND		0.500	1	11/12/2020 12:08	WG1575329
tert-Butylbenzene	ND		0.500	1	11/12/2020 12:08	WG1575329
Carbon disulfide	ND		0.500	1	11/12/2020 12:08	WG1575329
Carbon tetrachloride	ND		0.500	1	11/12/2020 12:08	WG1575329
Chlorobenzene	ND		0.500	1	11/12/2020 12:08	WG1575329
Chlorodibromomethane	ND		0.500	1	11/12/2020 12:08	WG1575329
Chloroethane	ND		2.50	1	11/12/2020 12:08	WG1575329
Chloroform	0.883		0.500	1	11/12/2020 12:08	WG1575329
Chloromethane	ND		1.25	1	11/12/2020 12:08	WG1575329
2-Chlorotoluene	ND		0.500	1	11/12/2020 12:08	WG1575329
4-Chlorotoluene	ND		0.500	1	11/12/2020 12:08	WG1575329
1,2-Dibromo-3-Chloropropane	ND		2.50	1	11/12/2020 12:08	WG1575329
1,2-Dibromoethane	ND		0.500	1	11/12/2020 12:08	WG1575329
Dibromomethane	ND		0.500	1	11/12/2020 12:08	WG1575329
1,2-Dichlorobenzene	ND		0.500	1	11/12/2020 12:08	WG1575329
1,3-Dichlorobenzene	ND		0.500	1	11/12/2020 12:08	WG1575329
1,4-Dichlorobenzene	ND		0.500	1	11/12/2020 12:08	WG1575329
Dichlorodifluoromethane	ND		2.50	1	11/12/2020 12:08	WG1575329
1,1-Dichloroethane	ND		0.500	1	11/12/2020 12:08	WG1575329
1,2-Dichloroethane	ND		0.500	1	11/12/2020 12:08	WG1575329
1,1-Dichloroethene	ND		0.500	1	11/12/2020 12:08	WG1575329
cis-1,2-Dichloroethene	5.28		0.500	1	11/12/2020 12:08	WG1575329
trans-1,2-Dichloroethene	ND		0.500	1	11/12/2020 12:08	WG1575329
1,2-Dichloropropane	ND		0.500	1	11/12/2020 12:08	WG1575329
1,1-Dichloropropene	ND		0.500	1	11/12/2020 12:08	WG1575329
1,3-Dichloropropane	ND		1.00	1	11/12/2020 12:08	WG1575329
cis-1,3-Dichloropropene	ND		0.500	1	11/12/2020 12:08	WG1575329
trans-1,3-Dichloropropene	ND		0.500	1	11/12/2020 12:08	WG1575329
2,2-Dichloropropane	ND		0.500	1	11/12/2020 12:08	WG1575329
Di-isopropyl ether	ND		0.500	1	11/12/2020 12:08	WG1575329
Ethylbenzene	ND		0.500	1	11/12/2020 12:08	WG1575329
Hexachloro-1,3-butadiene	ND		1.00	1	11/12/2020 12:08	WG1575329
Isopropylbenzene	ND		0.500	1	11/12/2020 12:08	WG1575329
p-Isopropyltoluene	ND		0.500	1	11/12/2020 12:08	WG1575329
2-Butanone (MEK)	11.0	C5	5.00	1	11/12/2020 12:08	WG1575329
Methylene Chloride	ND	J4	2.50	1	11/12/2020 12:08	WG1575329
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	11/12/2020 12:08	WG1575329
Methyl tert-butyl ether	ND		0.500	1	11/12/2020 12:08	WG1575329
Naphthalene	ND		2.50	1	11/12/2020 12:08	WG1575329
n-Propylbenzene	ND		0.500	1	11/12/2020 12:08	WG1575329
Styrene	ND		0.500	1	11/12/2020 12:08	WG1575329
1,1,1,2-Tetrachloroethane	ND		0.500	1	11/12/2020 12:08	WG1575329
1,1,2,2-Tetrachloroethane	ND		0.500	1	11/12/2020 12:08	WG1575329
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	11/12/2020 12:08	WG1575329
Tetrachloroethene	2.05		0.500	1	11/12/2020 12:08	WG1575329
Toluene	ND		0.500	1	11/12/2020 12:08	WG1575329
1,2,3-Trichlorobenzene	ND		0.500	1	11/12/2020 12:08	WG1575329

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	11/12/2020 12:08	WG1575329
1,1,1-Trichloroethane	ND		0.500	1	11/12/2020 12:08	WG1575329
1,1,2-Trichloroethane	ND		0.500	1	11/12/2020 12:08	WG1575329
Trichloroethene	40.9		0.500	1	11/12/2020 12:08	WG1575329
Trichlorofluoromethane	ND		2.50	1	11/12/2020 12:08	WG1575329
1,2,3-Trichloropropane	ND		2.50	1	11/12/2020 12:08	WG1575329
1,2,4-Trimethylbenzene	ND		0.500	1	11/12/2020 12:08	WG1575329
1,2,3-Trimethylbenzene	ND		0.500	1	11/12/2020 12:08	WG1575329
1,3,5-Trimethylbenzene	ND		0.500	1	11/12/2020 12:08	WG1575329
Vinyl chloride	ND		0.500	1	11/12/2020 12:08	WG1575329
Xylenes, Total	ND		1.50	1	11/12/2020 12:08	WG1575329
(S) Toluene-d8	105		80.0-120		11/12/2020 12:08	WG1575329
(S) 4-Bromofluorobenzene	97.4		77.0-126		11/12/2020 12:08	WG1575329
(S) 1,2-Dichloroethane-d4	95.4		70.0-130		11/12/2020 12:08	WG1575329

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	11/12/2020 12:28	WG1575329
Acrolein	ND		50.0	1	11/12/2020 12:28	WG1575329
Acrylonitrile	ND		5.00	1	11/12/2020 12:28	WG1575329
Benzene	ND		0.500	1	11/12/2020 12:28	WG1575329
Bromobenzene	ND		0.500	1	11/12/2020 12:28	WG1575329
Bromodichloromethane	ND		0.500	1	11/12/2020 12:28	WG1575329
Bromoform	ND		0.500	1	11/12/2020 12:28	WG1575329
Bromomethane	ND		2.50	1	11/12/2020 12:28	WG1575329
n-Butylbenzene	ND		0.500	1	11/12/2020 12:28	WG1575329
sec-Butylbenzene	ND		0.500	1	11/12/2020 12:28	WG1575329
tert-Butylbenzene	ND		0.500	1	11/12/2020 12:28	WG1575329
Carbon disulfide	ND		0.500	1	11/12/2020 12:28	WG1575329
Carbon tetrachloride	ND		0.500	1	11/12/2020 12:28	WG1575329
Chlorobenzene	ND		0.500	1	11/12/2020 12:28	WG1575329
Chlorodibromomethane	ND		0.500	1	11/12/2020 12:28	WG1575329
Chloroethane	ND		2.50	1	11/12/2020 12:28	WG1575329
Chloroform	ND		0.500	1	11/12/2020 12:28	WG1575329
Chloromethane	ND		1.25	1	11/12/2020 12:28	WG1575329
2-Chlorotoluene	ND		0.500	1	11/12/2020 12:28	WG1575329
4-Chlorotoluene	ND		0.500	1	11/12/2020 12:28	WG1575329
1,2-Dibromo-3-Chloropropane	ND		2.50	1	11/12/2020 12:28	WG1575329
1,2-Dibromoethane	ND		0.500	1	11/12/2020 12:28	WG1575329
Dibromomethane	ND		0.500	1	11/12/2020 12:28	WG1575329
1,2-Dichlorobenzene	ND		0.500	1	11/12/2020 12:28	WG1575329
1,3-Dichlorobenzene	ND		0.500	1	11/12/2020 12:28	WG1575329
1,4-Dichlorobenzene	ND		0.500	1	11/12/2020 12:28	WG1575329
Dichlorodifluoromethane	ND		2.50	1	11/12/2020 12:28	WG1575329
1,1-Dichloroethane	ND		0.500	1	11/12/2020 12:28	WG1575329
1,2-Dichloroethane	ND		0.500	1	11/12/2020 12:28	WG1575329
1,1-Dichloroethene	ND		0.500	1	11/12/2020 12:28	WG1575329
cis-1,2-Dichloroethene	12.2		0.500	1	11/12/2020 12:28	WG1575329
trans-1,2-Dichloroethene	ND		0.500	1	11/12/2020 12:28	WG1575329
1,2-Dichloropropane	ND		0.500	1	11/12/2020 12:28	WG1575329
1,1-Dichloropropene	ND		0.500	1	11/12/2020 12:28	WG1575329
1,3-Dichloropropane	ND		1.00	1	11/12/2020 12:28	WG1575329
cis-1,3-Dichloropropene	ND		0.500	1	11/12/2020 12:28	WG1575329
trans-1,3-Dichloropropene	ND		0.500	1	11/12/2020 12:28	WG1575329
2,2-Dichloropropane	ND		0.500	1	11/12/2020 12:28	WG1575329
Di-isopropyl ether	ND		0.500	1	11/12/2020 12:28	WG1575329
Ethylbenzene	ND		0.500	1	11/12/2020 12:28	WG1575329
Hexachloro-1,3-butadiene	ND		1.00	1	11/12/2020 12:28	WG1575329
Isopropylbenzene	ND		0.500	1	11/12/2020 12:28	WG1575329
p-Isopropyltoluene	ND		0.500	1	11/12/2020 12:28	WG1575329
2-Butanone (MEK)	11.6	C5	5.00	1	11/12/2020 12:28	WG1575329
Methylene Chloride	ND	J4	2.50	1	11/12/2020 12:28	WG1575329
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	11/12/2020 12:28	WG1575329
Methyl tert-butyl ether	ND		0.500	1	11/12/2020 12:28	WG1575329
Naphthalene	ND		2.50	1	11/12/2020 12:28	WG1575329
n-Propylbenzene	ND		0.500	1	11/12/2020 12:28	WG1575329
Styrene	ND		0.500	1	11/12/2020 12:28	WG1575329
1,1,1,2-Tetrachloroethane	ND		0.500	1	11/12/2020 12:28	WG1575329
1,1,2,2-Tetrachloroethane	ND		0.500	1	11/12/2020 12:28	WG1575329
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	11/12/2020 12:28	WG1575329
Tetrachloroethene	3.04		0.500	1	11/12/2020 12:28	WG1575329
Toluene	ND		0.500	1	11/12/2020 12:28	WG1575329
1,2,3-Trichlorobenzene	ND		0.500	1	11/12/2020 12:28	WG1575329

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	11/12/2020 12:28	WG1575329
1,1,1-Trichloroethane	ND		0.500	1	11/12/2020 12:28	WG1575329
1,1,2-Trichloroethane	ND		0.500	1	11/12/2020 12:28	WG1575329
Trichloroethene	86.9		0.500	1	11/12/2020 12:28	WG1575329
Trichlorofluoromethane	ND		2.50	1	11/12/2020 12:28	WG1575329
1,2,3-Trichloropropane	ND		2.50	1	11/12/2020 12:28	WG1575329
1,2,4-Trimethylbenzene	ND		0.500	1	11/12/2020 12:28	WG1575329
1,2,3-Trimethylbenzene	ND		0.500	1	11/12/2020 12:28	WG1575329
1,3,5-Trimethylbenzene	ND		0.500	1	11/12/2020 12:28	WG1575329
Vinyl chloride	ND		0.500	1	11/12/2020 12:28	WG1575329
Xylenes, Total	ND		1.50	1	11/12/2020 12:28	WG1575329
(S) Toluene-d8	104		80.0-120		11/12/2020 12:28	WG1575329
(S) 4-Bromofluorobenzene	95.4		77.0-126		11/12/2020 12:28	WG1575329
(S) 1,2-Dichloroethane-d4	97.7		70.0-130		11/12/2020 12:28	WG1575329

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	11/12/2020 12:49	WG1575329
Acrolein	ND		50.0	1	11/12/2020 12:49	WG1575329
Acrylonitrile	ND		5.00	1	11/12/2020 12:49	WG1575329
Benzene	ND		0.500	1	11/12/2020 12:49	WG1575329
Bromobenzene	ND		0.500	1	11/12/2020 12:49	WG1575329
Bromodichloromethane	ND		0.500	1	11/12/2020 12:49	WG1575329
Bromoform	ND		0.500	1	11/12/2020 12:49	WG1575329
Bromomethane	ND		2.50	1	11/12/2020 12:49	WG1575329
n-Butylbenzene	ND		0.500	1	11/12/2020 12:49	WG1575329
sec-Butylbenzene	ND		0.500	1	11/12/2020 12:49	WG1575329
tert-Butylbenzene	ND		0.500	1	11/12/2020 12:49	WG1575329
Carbon disulfide	ND		0.500	1	11/12/2020 12:49	WG1575329
Carbon tetrachloride	ND		0.500	1	11/12/2020 12:49	WG1575329
Chlorobenzene	ND		0.500	1	11/12/2020 12:49	WG1575329
Chlorodibromomethane	ND		0.500	1	11/12/2020 12:49	WG1575329
Chloroethane	ND		2.50	1	11/12/2020 12:49	WG1575329
Chloroform	ND		0.500	1	11/12/2020 12:49	WG1575329
Chloromethane	ND		1.25	1	11/12/2020 12:49	WG1575329
2-Chlorotoluene	ND		0.500	1	11/12/2020 12:49	WG1575329
4-Chlorotoluene	ND		0.500	1	11/12/2020 12:49	WG1575329
1,2-Dibromo-3-Chloropropane	ND		2.50	1	11/12/2020 12:49	WG1575329
1,2-Dibromoethane	ND		0.500	1	11/12/2020 12:49	WG1575329
Dibromomethane	ND		0.500	1	11/12/2020 12:49	WG1575329
1,2-Dichlorobenzene	ND		0.500	1	11/12/2020 12:49	WG1575329
1,3-Dichlorobenzene	ND		0.500	1	11/12/2020 12:49	WG1575329
1,4-Dichlorobenzene	ND		0.500	1	11/12/2020 12:49	WG1575329
Dichlorodifluoromethane	ND		2.50	1	11/12/2020 12:49	WG1575329
1,1-Dichloroethane	ND		0.500	1	11/12/2020 12:49	WG1575329
1,2-Dichloroethane	ND		0.500	1	11/12/2020 12:49	WG1575329
1,1-Dichloroethene	ND		0.500	1	11/12/2020 12:49	WG1575329
cis-1,2-Dichloroethene	13.2		0.500	1	11/12/2020 12:49	WG1575329
trans-1,2-Dichloroethene	ND		0.500	1	11/12/2020 12:49	WG1575329
1,2-Dichloropropane	ND		0.500	1	11/12/2020 12:49	WG1575329
1,1-Dichloropropene	ND		0.500	1	11/12/2020 12:49	WG1575329
1,3-Dichloropropane	ND		1.00	1	11/12/2020 12:49	WG1575329
cis-1,3-Dichloropropene	ND		0.500	1	11/12/2020 12:49	WG1575329
trans-1,3-Dichloropropene	ND		0.500	1	11/12/2020 12:49	WG1575329
2,2-Dichloropropane	ND		0.500	1	11/12/2020 12:49	WG1575329
Di-isopropyl ether	ND		0.500	1	11/12/2020 12:49	WG1575329
Ethylbenzene	ND		0.500	1	11/12/2020 12:49	WG1575329
Hexachloro-1,3-butadiene	ND		1.00	1	11/12/2020 12:49	WG1575329
Isopropylbenzene	ND		0.500	1	11/12/2020 12:49	WG1575329
p-Isopropyltoluene	ND		0.500	1	11/12/2020 12:49	WG1575329
2-Butanone (MEK)	12.5	C5	5.00	1	11/12/2020 12:49	WG1575329
Methylene Chloride	ND	J4	2.50	1	11/12/2020 12:49	WG1575329
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	11/12/2020 12:49	WG1575329
Methyl tert-butyl ether	ND		0.500	1	11/12/2020 12:49	WG1575329
Naphthalene	ND		2.50	1	11/12/2020 12:49	WG1575329
n-Propylbenzene	ND		0.500	1	11/12/2020 12:49	WG1575329
Styrene	ND		0.500	1	11/12/2020 12:49	WG1575329
1,1,1,2-Tetrachloroethane	ND		0.500	1	11/12/2020 12:49	WG1575329
1,1,2,2-Tetrachloroethane	ND		0.500	1	11/12/2020 12:49	WG1575329
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	11/12/2020 12:49	WG1575329
Tetrachloroethene	3.10		0.500	1	11/12/2020 12:49	WG1575329
Toluene	ND		0.500	1	11/12/2020 12:49	WG1575329
1,2,3-Trichlorobenzene	ND		0.500	1	11/12/2020 12:49	WG1575329

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	11/12/2020 12:49	WG1575329
1,1,1-Trichloroethane	ND		0.500	1	11/12/2020 12:49	WG1575329
1,1,2-Trichloroethane	ND		0.500	1	11/12/2020 12:49	WG1575329
Trichloroethene	90.1		0.500	1	11/12/2020 12:49	WG1575329
Trichlorofluoromethane	ND		2.50	1	11/12/2020 12:49	WG1575329
1,2,3-Trichloropropane	ND		2.50	1	11/12/2020 12:49	WG1575329
1,2,4-Trimethylbenzene	ND		0.500	1	11/12/2020 12:49	WG1575329
1,2,3-Trimethylbenzene	ND		0.500	1	11/12/2020 12:49	WG1575329
1,3,5-Trimethylbenzene	ND		0.500	1	11/12/2020 12:49	WG1575329
Vinyl chloride	ND		0.500	1	11/12/2020 12:49	WG1575329
Xylenes, Total	ND		1.50	1	11/12/2020 12:49	WG1575329
(S) Toluene-d8	110		80.0-120		11/12/2020 12:49	WG1575329
(S) 4-Bromofluorobenzene	98.9		77.0-126		11/12/2020 12:49	WG1575329
(S) 1,2-Dichloroethane-d4	94.9		70.0-130		11/12/2020 12:49	WG1575329

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	11/12/2020 13:09	WG1575329
Acrolein	ND		50.0	1	11/12/2020 13:09	WG1575329
Acrylonitrile	ND		5.00	1	11/12/2020 13:09	WG1575329
Benzene	ND		0.500	1	11/12/2020 13:09	WG1575329
Bromobenzene	ND		0.500	1	11/12/2020 13:09	WG1575329
Bromodichloromethane	ND		0.500	1	11/12/2020 13:09	WG1575329
Bromoform	ND		0.500	1	11/12/2020 13:09	WG1575329
Bromomethane	ND		2.50	1	11/12/2020 13:09	WG1575329
n-Butylbenzene	ND		0.500	1	11/12/2020 13:09	WG1575329
sec-Butylbenzene	ND		0.500	1	11/12/2020 13:09	WG1575329
tert-Butylbenzene	ND		0.500	1	11/12/2020 13:09	WG1575329
Carbon disulfide	ND		0.500	1	11/12/2020 13:09	WG1575329
Carbon tetrachloride	ND		0.500	1	11/12/2020 13:09	WG1575329
Chlorobenzene	ND		0.500	1	11/12/2020 13:09	WG1575329
Chlorodibromomethane	ND		0.500	1	11/12/2020 13:09	WG1575329
Chloroethane	ND		2.50	1	11/12/2020 13:09	WG1575329
Chloroform	ND		0.500	1	11/12/2020 13:09	WG1575329
Chloromethane	ND		1.25	1	11/12/2020 13:09	WG1575329
2-Chlorotoluene	ND		0.500	1	11/12/2020 13:09	WG1575329
4-Chlorotoluene	ND		0.500	1	11/12/2020 13:09	WG1575329
1,2-Dibromo-3-Chloropropane	ND		2.50	1	11/12/2020 13:09	WG1575329
1,2-Dibromoethane	ND		0.500	1	11/12/2020 13:09	WG1575329
Dibromomethane	ND		0.500	1	11/12/2020 13:09	WG1575329
1,2-Dichlorobenzene	ND		0.500	1	11/12/2020 13:09	WG1575329
1,3-Dichlorobenzene	ND		0.500	1	11/12/2020 13:09	WG1575329
1,4-Dichlorobenzene	ND		0.500	1	11/12/2020 13:09	WG1575329
Dichlorodifluoromethane	ND		2.50	1	11/12/2020 13:09	WG1575329
1,1-Dichloroethane	ND		0.500	1	11/12/2020 13:09	WG1575329
1,2-Dichloroethane	ND		0.500	1	11/12/2020 13:09	WG1575329
1,1-Dichloroethene	ND		0.500	1	11/12/2020 13:09	WG1575329
cis-1,2-Dichloroethene	ND		0.500	1	11/12/2020 13:09	WG1575329
trans-1,2-Dichloroethene	ND		0.500	1	11/12/2020 13:09	WG1575329
1,2-Dichloropropane	ND		0.500	1	11/12/2020 13:09	WG1575329
1,1-Dichloropropene	ND		0.500	1	11/12/2020 13:09	WG1575329
1,3-Dichloropropane	ND		1.00	1	11/12/2020 13:09	WG1575329
cis-1,3-Dichloropropene	ND		0.500	1	11/12/2020 13:09	WG1575329
trans-1,3-Dichloropropene	ND		0.500	1	11/12/2020 13:09	WG1575329
2,2-Dichloropropane	ND		0.500	1	11/12/2020 13:09	WG1575329
Di-isopropyl ether	ND		0.500	1	11/12/2020 13:09	WG1575329
Ethylbenzene	ND		0.500	1	11/12/2020 13:09	WG1575329
Hexachloro-1,3-butadiene	ND		1.00	1	11/12/2020 13:09	WG1575329
Isopropylbenzene	ND		0.500	1	11/12/2020 13:09	WG1575329
p-Isopropyltoluene	ND		0.500	1	11/12/2020 13:09	WG1575329
2-Butanone (MEK)	7.73	C5	5.00	1	11/12/2020 13:09	WG1575329
Methylene Chloride	ND	J4	2.50	1	11/12/2020 13:09	WG1575329
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	11/12/2020 13:09	WG1575329
Methyl tert-butyl ether	ND		0.500	1	11/12/2020 13:09	WG1575329
Naphthalene	ND		2.50	1	11/12/2020 13:09	WG1575329
n-Propylbenzene	ND		0.500	1	11/12/2020 13:09	WG1575329
Styrene	ND		0.500	1	11/12/2020 13:09	WG1575329
1,1,1,2-Tetrachloroethane	ND		0.500	1	11/12/2020 13:09	WG1575329
1,1,2,2-Tetrachloroethane	ND		0.500	1	11/12/2020 13:09	WG1575329
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	11/12/2020 13:09	WG1575329
Tetrachloroethene	ND		0.500	1	11/12/2020 13:09	WG1575329
Toluene	ND		0.500	1	11/12/2020 13:09	WG1575329
1,2,3-Trichlorobenzene	ND		0.500	1	11/12/2020 13:09	WG1575329

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	11/12/2020 13:09	WG1575329
1,1,1-Trichloroethane	ND		0.500	1	11/12/2020 13:09	WG1575329
1,1,2-Trichloroethane	ND		0.500	1	11/12/2020 13:09	WG1575329
Trichloroethene	2.74		0.500	1	11/12/2020 13:09	WG1575329
Trichlorofluoromethane	ND		2.50	1	11/12/2020 13:09	WG1575329
1,2,3-Trichloropropane	ND		2.50	1	11/12/2020 13:09	WG1575329
1,2,4-Trimethylbenzene	ND		0.500	1	11/12/2020 13:09	WG1575329
1,2,3-Trimethylbenzene	ND		0.500	1	11/12/2020 13:09	WG1575329
1,3,5-Trimethylbenzene	ND		0.500	1	11/12/2020 13:09	WG1575329
Vinyl chloride	ND		0.500	1	11/12/2020 13:09	WG1575329
Xylenes, Total	ND		1.50	1	11/12/2020 13:09	WG1575329
(S) Toluene-d8	106		80.0-120		11/12/2020 13:09	WG1575329
(S) 4-Bromofluorobenzene	98.6		77.0-126		11/12/2020 13:09	WG1575329
(S) 1,2-Dichloroethane-d4	95.6		70.0-130		11/12/2020 13:09	WG1575329

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	11/12/2020 13:30	WG1575329
Acrolein	ND		50.0	1	11/12/2020 13:30	WG1575329
Acrylonitrile	ND		5.00	1	11/12/2020 13:30	WG1575329
Benzene	ND		0.500	1	11/12/2020 13:30	WG1575329
Bromobenzene	ND		0.500	1	11/12/2020 13:30	WG1575329
Bromodichloromethane	ND		0.500	1	11/12/2020 13:30	WG1575329
Bromoform	ND		0.500	1	11/12/2020 13:30	WG1575329
Bromomethane	ND		2.50	1	11/12/2020 13:30	WG1575329
n-Butylbenzene	ND		0.500	1	11/12/2020 13:30	WG1575329
sec-Butylbenzene	ND		0.500	1	11/12/2020 13:30	WG1575329
tert-Butylbenzene	ND		0.500	1	11/12/2020 13:30	WG1575329
Carbon disulfide	ND		0.500	1	11/12/2020 13:30	WG1575329
Carbon tetrachloride	ND		0.500	1	11/12/2020 13:30	WG1575329
Chlorobenzene	ND		0.500	1	11/12/2020 13:30	WG1575329
Chlorodibromomethane	ND		0.500	1	11/12/2020 13:30	WG1575329
Chloroethane	ND		2.50	1	11/12/2020 13:30	WG1575329
Chloroform	ND		0.500	1	11/12/2020 13:30	WG1575329
Chloromethane	ND		1.25	1	11/12/2020 13:30	WG1575329
2-Chlorotoluene	ND		0.500	1	11/12/2020 13:30	WG1575329
4-Chlorotoluene	ND		0.500	1	11/12/2020 13:30	WG1575329
1,2-Dibromo-3-Chloropropane	ND		2.50	1	11/12/2020 13:30	WG1575329
1,2-Dibromoethane	ND		0.500	1	11/12/2020 13:30	WG1575329
Dibromomethane	ND		0.500	1	11/12/2020 13:30	WG1575329
1,2-Dichlorobenzene	ND		0.500	1	11/12/2020 13:30	WG1575329
1,3-Dichlorobenzene	ND		0.500	1	11/12/2020 13:30	WG1575329
1,4-Dichlorobenzene	ND		0.500	1	11/12/2020 13:30	WG1575329
Dichlorodifluoromethane	ND		2.50	1	11/12/2020 13:30	WG1575329
1,1-Dichloroethane	ND		0.500	1	11/12/2020 13:30	WG1575329
1,2-Dichloroethane	ND		0.500	1	11/12/2020 13:30	WG1575329
1,1-Dichloroethene	ND		0.500	1	11/12/2020 13:30	WG1575329
cis-1,2-Dichloroethene	0.643		0.500	1	11/12/2020 13:30	WG1575329
trans-1,2-Dichloroethene	ND		0.500	1	11/12/2020 13:30	WG1575329
1,2-Dichloropropane	ND		0.500	1	11/12/2020 13:30	WG1575329
1,1-Dichloropropene	ND		0.500	1	11/12/2020 13:30	WG1575329
1,3-Dichloropropane	ND		1.00	1	11/12/2020 13:30	WG1575329
cis-1,3-Dichloropropene	ND		0.500	1	11/12/2020 13:30	WG1575329
trans-1,3-Dichloropropene	ND		0.500	1	11/12/2020 13:30	WG1575329
2,2-Dichloropropane	ND		0.500	1	11/12/2020 13:30	WG1575329
Di-isopropyl ether	ND		0.500	1	11/12/2020 13:30	WG1575329
Ethylbenzene	ND		0.500	1	11/12/2020 13:30	WG1575329
Hexachloro-1,3-butadiene	ND		1.00	1	11/12/2020 13:30	WG1575329
Isopropylbenzene	ND		0.500	1	11/12/2020 13:30	WG1575329
p-Isopropyltoluene	ND		0.500	1	11/12/2020 13:30	WG1575329
2-Butanone (MEK)	10.4	C5	5.00	1	11/12/2020 13:30	WG1575329
Methylene Chloride	ND	J4	2.50	1	11/12/2020 13:30	WG1575329
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	11/12/2020 13:30	WG1575329
Methyl tert-butyl ether	ND		0.500	1	11/12/2020 13:30	WG1575329
Naphthalene	ND		2.50	1	11/12/2020 13:30	WG1575329
n-Propylbenzene	ND		0.500	1	11/12/2020 13:30	WG1575329
Styrene	ND		0.500	1	11/12/2020 13:30	WG1575329
1,1,1,2-Tetrachloroethane	ND		0.500	1	11/12/2020 13:30	WG1575329
1,1,2,2-Tetrachloroethane	ND		0.500	1	11/12/2020 13:30	WG1575329
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	11/12/2020 13:30	WG1575329
Tetrachloroethene	ND		0.500	1	11/12/2020 13:30	WG1575329
Toluene	ND		0.500	1	11/12/2020 13:30	WG1575329
1,2,3-Trichlorobenzene	ND		0.500	1	11/12/2020 13:30	WG1575329

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Collected date/time: 11/04/20 12:35

L1282223

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	11/12/2020 13:30	WG1575329
1,1,1-Trichloroethane	ND		0.500	1	11/12/2020 13:30	WG1575329
1,1,2-Trichloroethane	ND		0.500	1	11/12/2020 13:30	WG1575329
Trichloroethene	4.75		0.500	1	11/12/2020 13:30	WG1575329
Trichlorofluoromethane	ND		2.50	1	11/12/2020 13:30	WG1575329
1,2,3-Trichloropropane	ND		2.50	1	11/12/2020 13:30	WG1575329
1,2,4-Trimethylbenzene	ND		0.500	1	11/12/2020 13:30	WG1575329
1,2,3-Trimethylbenzene	ND		0.500	1	11/12/2020 13:30	WG1575329
1,3,5-Trimethylbenzene	ND		0.500	1	11/12/2020 13:30	WG1575329
Vinyl chloride	ND		0.500	1	11/12/2020 13:30	WG1575329
Xylenes, Total	ND		1.50	1	11/12/2020 13:30	WG1575329
(S) Toluene-d8	104		80.0-120		11/12/2020 13:30	WG1575329
(S) 4-Bromofluorobenzene	93.9		77.0-126		11/12/2020 13:30	WG1575329
(S) 1,2-Dichloroethane-d4	97.2		70.0-130		11/12/2020 13:30	WG1575329

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	30.7		25.0	1	11/12/2020 13:51	WG1575329
Acrolein	ND		50.0	1	11/12/2020 13:51	WG1575329
Acrylonitrile	ND		5.00	1	11/12/2020 13:51	WG1575329
Benzene	ND		0.500	1	11/12/2020 13:51	WG1575329
Bromobenzene	ND		0.500	1	11/12/2020 13:51	WG1575329
Bromodichloromethane	ND		0.500	1	11/12/2020 13:51	WG1575329
Bromoform	ND		0.500	1	11/12/2020 13:51	WG1575329
Bromomethane	ND		2.50	1	11/12/2020 13:51	WG1575329
n-Butylbenzene	ND		0.500	1	11/12/2020 13:51	WG1575329
sec-Butylbenzene	ND		0.500	1	11/12/2020 13:51	WG1575329
tert-Butylbenzene	ND		0.500	1	11/12/2020 13:51	WG1575329
Carbon disulfide	ND		0.500	1	11/12/2020 13:51	WG1575329
Carbon tetrachloride	ND		0.500	1	11/12/2020 13:51	WG1575329
Chlorobenzene	ND		0.500	1	11/12/2020 13:51	WG1575329
Chlorodibromomethane	ND		0.500	1	11/12/2020 13:51	WG1575329
Chloroethane	ND		2.50	1	11/12/2020 13:51	WG1575329
Chloroform	0.613		0.500	1	11/12/2020 13:51	WG1575329
Chloromethane	ND		1.25	1	11/12/2020 13:51	WG1575329
2-Chlorotoluene	ND		0.500	1	11/12/2020 13:51	WG1575329
4-Chlorotoluene	ND		0.500	1	11/12/2020 13:51	WG1575329
1,2-Dibromo-3-Chloropropane	ND		2.50	1	11/12/2020 13:51	WG1575329
1,2-Dibromoethane	ND		0.500	1	11/12/2020 13:51	WG1575329
Dibromomethane	ND		0.500	1	11/12/2020 13:51	WG1575329
1,2-Dichlorobenzene	ND		0.500	1	11/12/2020 13:51	WG1575329
1,3-Dichlorobenzene	ND		0.500	1	11/12/2020 13:51	WG1575329
1,4-Dichlorobenzene	ND		0.500	1	11/12/2020 13:51	WG1575329
Dichlorodifluoromethane	ND		2.50	1	11/12/2020 13:51	WG1575329
1,1-Dichloroethane	ND		0.500	1	11/12/2020 13:51	WG1575329
1,2-Dichloroethane	ND		0.500	1	11/12/2020 13:51	WG1575329
1,1-Dichloroethene	ND		0.500	1	11/12/2020 13:51	WG1575329
cis-1,2-Dichloroethene	2.62		0.500	1	11/12/2020 13:51	WG1575329
trans-1,2-Dichloroethene	ND		0.500	1	11/12/2020 13:51	WG1575329
1,2-Dichloropropane	ND		0.500	1	11/12/2020 13:51	WG1575329
1,1-Dichloropropene	ND		0.500	1	11/12/2020 13:51	WG1575329
1,3-Dichloropropane	ND		1.00	1	11/12/2020 13:51	WG1575329
cis-1,3-Dichloropropene	ND		0.500	1	11/12/2020 13:51	WG1575329
trans-1,3-Dichloropropene	ND		0.500	1	11/12/2020 13:51	WG1575329
2,2-Dichloropropane	ND		0.500	1	11/12/2020 13:51	WG1575329
Di-isopropyl ether	ND		0.500	1	11/12/2020 13:51	WG1575329
Ethylbenzene	ND		0.500	1	11/12/2020 13:51	WG1575329
Hexachloro-1,3-butadiene	ND		1.00	1	11/12/2020 13:51	WG1575329
Isopropylbenzene	ND		0.500	1	11/12/2020 13:51	WG1575329
p-Isopropyltoluene	ND		0.500	1	11/12/2020 13:51	WG1575329
2-Butanone (MEK)	10.5	C5	5.00	1	11/12/2020 13:51	WG1575329
Methylene Chloride	ND	J4	2.50	1	11/12/2020 13:51	WG1575329
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	11/12/2020 13:51	WG1575329
Methyl tert-butyl ether	ND		0.500	1	11/12/2020 13:51	WG1575329
Naphthalene	ND		2.50	1	11/12/2020 13:51	WG1575329
n-Propylbenzene	ND		0.500	1	11/12/2020 13:51	WG1575329
Styrene	ND		0.500	1	11/12/2020 13:51	WG1575329
1,1,1,2-Tetrachloroethane	ND		0.500	1	11/12/2020 13:51	WG1575329
1,1,2,2-Tetrachloroethane	ND		0.500	1	11/12/2020 13:51	WG1575329
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	11/12/2020 13:51	WG1575329
Tetrachloroethene	0.751		0.500	1	11/12/2020 13:51	WG1575329
Toluene	ND		0.500	1	11/12/2020 13:51	WG1575329
1,2,3-Trichlorobenzene	ND		0.500	1	11/12/2020 13:51	WG1575329

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Collected date/time: 11/04/20 13:30

L1282223

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	11/12/2020 13:51	WG1575329
1,1,1-Trichloroethane	ND		0.500	1	11/12/2020 13:51	WG1575329
1,1,2-Trichloroethane	ND		0.500	1	11/12/2020 13:51	WG1575329
Trichloroethene	17.0		0.500	1	11/12/2020 13:51	WG1575329
Trichlorofluoromethane	ND		2.50	1	11/12/2020 13:51	WG1575329
1,2,3-Trichloropropane	ND		2.50	1	11/12/2020 13:51	WG1575329
1,2,4-Trimethylbenzene	ND		0.500	1	11/12/2020 13:51	WG1575329
1,2,3-Trimethylbenzene	ND		0.500	1	11/12/2020 13:51	WG1575329
1,3,5-Trimethylbenzene	ND		0.500	1	11/12/2020 13:51	WG1575329
Vinyl chloride	ND		0.500	1	11/12/2020 13:51	WG1575329
Xylenes, Total	ND		1.50	1	11/12/2020 13:51	WG1575329
(S) Toluene-d8	107		80.0-120		11/12/2020 13:51	WG1575329
(S) 4-Bromofluorobenzene	94.6		77.0-126		11/12/2020 13:51	WG1575329
(S) 1,2-Dichloroethane-d4	93.9		70.0-130		11/12/2020 13:51	WG1575329

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	31.4		25.0	1	11/12/2020 14:11	WG1575329
Acrolein	ND		50.0	1	11/12/2020 14:11	WG1575329
Acrylonitrile	ND		5.00	1	11/12/2020 14:11	WG1575329
Benzene	ND		0.500	1	11/12/2020 14:11	WG1575329
Bromobenzene	ND		0.500	1	11/12/2020 14:11	WG1575329
Bromodichloromethane	ND		0.500	1	11/12/2020 14:11	WG1575329
Bromoform	ND		0.500	1	11/12/2020 14:11	WG1575329
Bromomethane	ND		2.50	1	11/12/2020 14:11	WG1575329
n-Butylbenzene	ND		0.500	1	11/12/2020 14:11	WG1575329
sec-Butylbenzene	ND		0.500	1	11/12/2020 14:11	WG1575329
tert-Butylbenzene	ND		0.500	1	11/12/2020 14:11	WG1575329
Carbon disulfide	ND		0.500	1	11/12/2020 14:11	WG1575329
Carbon tetrachloride	ND		0.500	1	11/12/2020 14:11	WG1575329
Chlorobenzene	ND		0.500	1	11/12/2020 14:11	WG1575329
Chlorodibromomethane	ND		0.500	1	11/12/2020 14:11	WG1575329
Chloroethane	ND		2.50	1	11/12/2020 14:11	WG1575329
Chloroform	ND		0.500	1	11/12/2020 14:11	WG1575329
Chloromethane	ND		1.25	1	11/12/2020 14:11	WG1575329
2-Chlorotoluene	ND		0.500	1	11/12/2020 14:11	WG1575329
4-Chlorotoluene	ND		0.500	1	11/12/2020 14:11	WG1575329
1,2-Dibromo-3-Chloropropane	ND		2.50	1	11/12/2020 14:11	WG1575329
1,2-Dibromoethane	ND		0.500	1	11/12/2020 14:11	WG1575329
Dibromomethane	ND		0.500	1	11/12/2020 14:11	WG1575329
1,2-Dichlorobenzene	ND		0.500	1	11/12/2020 14:11	WG1575329
1,3-Dichlorobenzene	ND		0.500	1	11/12/2020 14:11	WG1575329
1,4-Dichlorobenzene	ND		0.500	1	11/12/2020 14:11	WG1575329
Dichlorodifluoromethane	ND		2.50	1	11/12/2020 14:11	WG1575329
1,1-Dichloroethane	ND		0.500	1	11/12/2020 14:11	WG1575329
1,2-Dichloroethane	ND		0.500	1	11/12/2020 14:11	WG1575329
1,1-Dichloroethene	ND		0.500	1	11/12/2020 14:11	WG1575329
cis-1,2-Dichloroethene	ND		0.500	1	11/12/2020 14:11	WG1575329
trans-1,2-Dichloroethene	ND		0.500	1	11/12/2020 14:11	WG1575329
1,2-Dichloropropane	ND		0.500	1	11/12/2020 14:11	WG1575329
1,1-Dichloropropene	ND		0.500	1	11/12/2020 14:11	WG1575329
1,3-Dichloropropane	ND		1.00	1	11/12/2020 14:11	WG1575329
cis-1,3-Dichloropropene	ND		0.500	1	11/12/2020 14:11	WG1575329
trans-1,3-Dichloropropene	ND		0.500	1	11/12/2020 14:11	WG1575329
2,2-Dichloropropane	ND		0.500	1	11/12/2020 14:11	WG1575329
Di-isopropyl ether	ND		0.500	1	11/12/2020 14:11	WG1575329
Ethylbenzene	ND		0.500	1	11/12/2020 14:11	WG1575329
Hexachloro-1,3-butadiene	ND		1.00	1	11/12/2020 14:11	WG1575329
Isopropylbenzene	ND		0.500	1	11/12/2020 14:11	WG1575329
p-Isopropyltoluene	ND		0.500	1	11/12/2020 14:11	WG1575329
2-Butanone (MEK)	11.3	C5	5.00	1	11/12/2020 14:11	WG1575329
Methylene Chloride	ND	J4	2.50	1	11/12/2020 14:11	WG1575329
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	11/12/2020 14:11	WG1575329
Methyl tert-butyl ether	ND		0.500	1	11/12/2020 14:11	WG1575329
Naphthalene	ND		2.50	1	11/12/2020 14:11	WG1575329
n-Propylbenzene	ND		0.500	1	11/12/2020 14:11	WG1575329
Styrene	ND		0.500	1	11/12/2020 14:11	WG1575329
1,1,1,2-Tetrachloroethane	ND		0.500	1	11/12/2020 14:11	WG1575329
1,1,2,2-Tetrachloroethane	ND		0.500	1	11/12/2020 14:11	WG1575329
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	11/12/2020 14:11	WG1575329
Tetrachloroethene	ND		0.500	1	11/12/2020 14:11	WG1575329
Toluene	ND		0.500	1	11/12/2020 14:11	WG1575329
1,2,3-Trichlorobenzene	ND		0.500	1	11/12/2020 14:11	WG1575329

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Collected date/time: 11/04/20 13:00

L1282223

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	11/12/2020 14:11	WG1575329
1,1,1-Trichloroethane	ND		0.500	1	11/12/2020 14:11	WG1575329
1,1,2-Trichloroethane	ND		0.500	1	11/12/2020 14:11	WG1575329
Trichloroethene	6.69		0.500	1	11/12/2020 14:11	WG1575329
Trichlorofluoromethane	ND		2.50	1	11/12/2020 14:11	WG1575329
1,2,3-Trichloropropane	ND		2.50	1	11/12/2020 14:11	WG1575329
1,2,4-Trimethylbenzene	ND		0.500	1	11/12/2020 14:11	WG1575329
1,2,3-Trimethylbenzene	ND		0.500	1	11/12/2020 14:11	WG1575329
1,3,5-Trimethylbenzene	ND		0.500	1	11/12/2020 14:11	WG1575329
Vinyl chloride	ND		0.500	1	11/12/2020 14:11	WG1575329
Xylenes, Total	ND		1.50	1	11/12/2020 14:11	WG1575329
(S) Toluene-d8	104		80.0-120		11/12/2020 14:11	WG1575329
(S) 4-Bromofluorobenzene	97.2		77.0-126		11/12/2020 14:11	WG1575329
(S) 1,2-Dichloroethane-d4	99.7		70.0-130		11/12/2020 14:11	WG1575329

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	28.3		25.0	1	11/12/2020 14:32	WG1575329
Acrolein	ND		50.0	1	11/12/2020 14:32	WG1575329
Acrylonitrile	ND		5.00	1	11/12/2020 14:32	WG1575329
Benzene	ND		0.500	1	11/12/2020 14:32	WG1575329
Bromobenzene	ND		0.500	1	11/12/2020 14:32	WG1575329
Bromodichloromethane	ND		0.500	1	11/12/2020 14:32	WG1575329
Bromoform	ND		0.500	1	11/12/2020 14:32	WG1575329
Bromomethane	ND		2.50	1	11/12/2020 14:32	WG1575329
n-Butylbenzene	ND		0.500	1	11/12/2020 14:32	WG1575329
sec-Butylbenzene	ND		0.500	1	11/12/2020 14:32	WG1575329
tert-Butylbenzene	ND		0.500	1	11/12/2020 14:32	WG1575329
Carbon disulfide	ND		0.500	1	11/12/2020 14:32	WG1575329
Carbon tetrachloride	ND		0.500	1	11/12/2020 14:32	WG1575329
Chlorobenzene	ND		0.500	1	11/12/2020 14:32	WG1575329
Chlorodibromomethane	ND		0.500	1	11/12/2020 14:32	WG1575329
Chloroethane	ND		2.50	1	11/12/2020 14:32	WG1575329
Chloroform	ND		0.500	1	11/12/2020 14:32	WG1575329
Chloromethane	ND		1.25	1	11/12/2020 14:32	WG1575329
2-Chlorotoluene	ND		0.500	1	11/12/2020 14:32	WG1575329
4-Chlorotoluene	ND		0.500	1	11/12/2020 14:32	WG1575329
1,2-Dibromo-3-Chloropropane	ND		2.50	1	11/12/2020 14:32	WG1575329
1,2-Dibromoethane	ND		0.500	1	11/12/2020 14:32	WG1575329
Dibromomethane	ND		0.500	1	11/12/2020 14:32	WG1575329
1,2-Dichlorobenzene	ND		0.500	1	11/12/2020 14:32	WG1575329
1,3-Dichlorobenzene	ND		0.500	1	11/12/2020 14:32	WG1575329
1,4-Dichlorobenzene	ND		0.500	1	11/12/2020 14:32	WG1575329
Dichlorodifluoromethane	ND		2.50	1	11/12/2020 14:32	WG1575329
1,1-Dichloroethane	ND		0.500	1	11/12/2020 14:32	WG1575329
1,2-Dichloroethane	ND		0.500	1	11/12/2020 14:32	WG1575329
1,1-Dichloroethene	ND		0.500	1	11/12/2020 14:32	WG1575329
cis-1,2-Dichloroethene	ND		0.500	1	11/12/2020 14:32	WG1575329
trans-1,2-Dichloroethene	ND		0.500	1	11/12/2020 14:32	WG1575329
1,2-Dichloropropane	ND		0.500	1	11/12/2020 14:32	WG1575329
1,1-Dichloropropene	ND		0.500	1	11/12/2020 14:32	WG1575329
1,3-Dichloropropane	ND		1.00	1	11/12/2020 14:32	WG1575329
cis-1,3-Dichloropropene	ND		0.500	1	11/12/2020 14:32	WG1575329
trans-1,3-Dichloropropene	ND		0.500	1	11/12/2020 14:32	WG1575329
2,2-Dichloropropane	ND		0.500	1	11/12/2020 14:32	WG1575329
Di-isopropyl ether	ND		0.500	1	11/12/2020 14:32	WG1575329
Ethylbenzene	ND		0.500	1	11/12/2020 14:32	WG1575329
Hexachloro-1,3-butadiene	ND		1.00	1	11/12/2020 14:32	WG1575329
Isopropylbenzene	ND		0.500	1	11/12/2020 14:32	WG1575329
p-Isopropyltoluene	ND		0.500	1	11/12/2020 14:32	WG1575329
2-Butanone (MEK)	10.6	C5	5.00	1	11/12/2020 14:32	WG1575329
Methylene Chloride	ND	J4	2.50	1	11/12/2020 14:32	WG1575329
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	11/12/2020 14:32	WG1575329
Methyl tert-butyl ether	ND		0.500	1	11/12/2020 14:32	WG1575329
Naphthalene	ND		2.50	1	11/12/2020 14:32	WG1575329
n-Propylbenzene	ND		0.500	1	11/12/2020 14:32	WG1575329
Styrene	ND		0.500	1	11/12/2020 14:32	WG1575329
1,1,1,2-Tetrachloroethane	ND		0.500	1	11/12/2020 14:32	WG1575329
1,1,2,2-Tetrachloroethane	ND		0.500	1	11/12/2020 14:32	WG1575329
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	11/12/2020 14:32	WG1575329
Tetrachloroethene	ND		0.500	1	11/12/2020 14:32	WG1575329
Toluene	ND		0.500	1	11/12/2020 14:32	WG1575329
1,2,3-Trichlorobenzene	ND		0.500	1	11/12/2020 14:32	WG1575329

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Collected date/time: 11/04/20 13:46

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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
1,2,4-Trichlorobenzene	ND		1.00	1	11/12/2020 14:32	WG1575329
1,1,1-Trichloroethane	ND		0.500	1	11/12/2020 14:32	WG1575329
1,1,2-Trichloroethane	ND		0.500	1	11/12/2020 14:32	WG1575329
Trichloroethene	0.936		0.500	1	11/12/2020 14:32	WG1575329
Trichlorofluoromethane	ND		2.50	1	11/12/2020 14:32	WG1575329
1,2,3-Trichloropropane	ND		2.50	1	11/12/2020 14:32	WG1575329
1,2,4-Trimethylbenzene	ND		0.500	1	11/12/2020 14:32	WG1575329
1,2,3-Trimethylbenzene	ND		0.500	1	11/12/2020 14:32	WG1575329
1,3,5-Trimethylbenzene	ND		0.500	1	11/12/2020 14:32	WG1575329
Vinyl chloride	ND		0.500	1	11/12/2020 14:32	WG1575329
Xylenes, Total	ND		1.50	1	11/12/2020 14:32	WG1575329
(S) Toluene-d8	104		80.0-120		11/12/2020 14:32	WG1575329
(S) 4-Bromofluorobenzene	95.9		77.0-126		11/12/2020 14:32	WG1575329
(S) 1,2-Dichloroethane-d4	97.2		70.0-130		11/12/2020 14:32	WG1575329

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	45.9		25.0	1	11/12/2020 14:52	WG1575329
Acrolein	ND		50.0	1	11/12/2020 14:52	WG1575329
Acrylonitrile	ND		5.00	1	11/12/2020 14:52	WG1575329
Benzene	ND		0.500	1	11/12/2020 14:52	WG1575329
Bromobenzene	ND		0.500	1	11/12/2020 14:52	WG1575329
Bromodichloromethane	ND		0.500	1	11/12/2020 14:52	WG1575329
Bromoform	ND		0.500	1	11/12/2020 14:52	WG1575329
Bromomethane	ND		2.50	1	11/12/2020 14:52	WG1575329
n-Butylbenzene	ND		0.500	1	11/12/2020 14:52	WG1575329
sec-Butylbenzene	ND		0.500	1	11/12/2020 14:52	WG1575329
tert-Butylbenzene	ND		0.500	1	11/12/2020 14:52	WG1575329
Carbon disulfide	ND		0.500	1	11/12/2020 14:52	WG1575329
Carbon tetrachloride	ND		0.500	1	11/12/2020 14:52	WG1575329
Chlorobenzene	ND		0.500	1	11/12/2020 14:52	WG1575329
Chlorodibromomethane	ND		0.500	1	11/12/2020 14:52	WG1575329
Chloroethane	ND		2.50	1	11/12/2020 14:52	WG1575329
Chloroform	0.553		0.500	1	11/12/2020 14:52	WG1575329
Chloromethane	ND		1.25	1	11/12/2020 14:52	WG1575329
2-Chlorotoluene	ND		0.500	1	11/12/2020 14:52	WG1575329
4-Chlorotoluene	ND		0.500	1	11/12/2020 14:52	WG1575329
1,2-Dibromo-3-Chloropropane	ND		2.50	1	11/12/2020 14:52	WG1575329
1,2-Dibromoethane	ND		0.500	1	11/12/2020 14:52	WG1575329
Dibromomethane	ND		0.500	1	11/12/2020 14:52	WG1575329
1,2-Dichlorobenzene	ND		0.500	1	11/12/2020 14:52	WG1575329
1,3-Dichlorobenzene	ND		0.500	1	11/12/2020 14:52	WG1575329
1,4-Dichlorobenzene	ND		0.500	1	11/12/2020 14:52	WG1575329
Dichlorodifluoromethane	ND		2.50	1	11/12/2020 14:52	WG1575329
1,1-Dichloroethane	ND		0.500	1	11/12/2020 14:52	WG1575329
1,2-Dichloroethane	ND		0.500	1	11/12/2020 14:52	WG1575329
1,1-Dichloroethene	ND		0.500	1	11/12/2020 14:52	WG1575329
cis-1,2-Dichloroethene	4.59		0.500	1	11/12/2020 14:52	WG1575329
trans-1,2-Dichloroethene	ND		0.500	1	11/12/2020 14:52	WG1575329
1,2-Dichloropropane	ND		0.500	1	11/12/2020 14:52	WG1575329
1,1-Dichloropropene	ND		0.500	1	11/12/2020 14:52	WG1575329
1,3-Dichloropropane	ND		1.00	1	11/12/2020 14:52	WG1575329
cis-1,3-Dichloropropene	ND		0.500	1	11/12/2020 14:52	WG1575329
trans-1,3-Dichloropropene	ND		0.500	1	11/12/2020 14:52	WG1575329
2,2-Dichloropropane	ND		0.500	1	11/12/2020 14:52	WG1575329
Di-isopropyl ether	ND		0.500	1	11/12/2020 14:52	WG1575329
Ethylbenzene	ND		0.500	1	11/12/2020 14:52	WG1575329
Hexachloro-1,3-butadiene	ND		1.00	1	11/12/2020 14:52	WG1575329
Isopropylbenzene	ND		0.500	1	11/12/2020 14:52	WG1575329
p-Isopropyltoluene	ND		0.500	1	11/12/2020 14:52	WG1575329
2-Butanone (MEK)	15.5	C5	5.00	1	11/12/2020 14:52	WG1575329
Methylene Chloride	ND	J4	2.50	1	11/12/2020 14:52	WG1575329
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	11/12/2020 14:52	WG1575329
Methyl tert-butyl ether	ND		0.500	1	11/12/2020 14:52	WG1575329
Naphthalene	ND		2.50	1	11/12/2020 14:52	WG1575329
n-Propylbenzene	ND		0.500	1	11/12/2020 14:52	WG1575329
Styrene	ND		0.500	1	11/12/2020 14:52	WG1575329
1,1,1,2-Tetrachloroethane	ND		0.500	1	11/12/2020 14:52	WG1575329
1,1,2,2-Tetrachloroethane	ND		0.500	1	11/12/2020 14:52	WG1575329
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	11/12/2020 14:52	WG1575329
Tetrachloroethene	1.91		0.500	1	11/12/2020 14:52	WG1575329
Toluene	ND		0.500	1	11/12/2020 14:52	WG1575329
1,2,3-Trichlorobenzene	ND		0.500	1	11/12/2020 14:52	WG1575329

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Collected date/time: 11/04/20 15:10

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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
1,2,4-Trichlorobenzene	ND		1.00	1	11/12/2020 14:52	WG1575329
1,1,1-Trichloroethane	ND		0.500	1	11/12/2020 14:52	WG1575329
1,1,2-Trichloroethane	ND		0.500	1	11/12/2020 14:52	WG1575329
Trichloroethene	30.1		0.500	1	11/12/2020 14:52	WG1575329
Trichlorofluoromethane	ND		2.50	1	11/12/2020 14:52	WG1575329
1,2,3-Trichloropropane	ND		2.50	1	11/12/2020 14:52	WG1575329
1,2,4-Trimethylbenzene	ND		0.500	1	11/12/2020 14:52	WG1575329
1,2,3-Trimethylbenzene	ND		0.500	1	11/12/2020 14:52	WG1575329
1,3,5-Trimethylbenzene	ND		0.500	1	11/12/2020 14:52	WG1575329
Vinyl chloride	ND		0.500	1	11/12/2020 14:52	WG1575329
Xylenes, Total	ND		1.50	1	11/12/2020 14:52	WG1575329
(S) Toluene-d8	104		80.0-120		11/12/2020 14:52	WG1575329
(S) 4-Bromofluorobenzene	93.3		77.0-126		11/12/2020 14:52	WG1575329
(S) 1,2-Dichloroethane-d4	96.6		70.0-130		11/12/2020 14:52	WG1575329

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	42.8		25.0	1	11/12/2020 15:13	WG1575329
Acrolein	ND		50.0	1	11/12/2020 15:13	WG1575329
Acrylonitrile	ND		5.00	1	11/12/2020 15:13	WG1575329
Benzene	ND		0.500	1	11/12/2020 15:13	WG1575329
Bromobenzene	ND		0.500	1	11/12/2020 15:13	WG1575329
Bromodichloromethane	ND		0.500	1	11/12/2020 15:13	WG1575329
Bromoform	ND		0.500	1	11/12/2020 15:13	WG1575329
Bromomethane	ND		2.50	1	11/12/2020 15:13	WG1575329
n-Butylbenzene	ND		0.500	1	11/12/2020 15:13	WG1575329
sec-Butylbenzene	ND		0.500	1	11/12/2020 15:13	WG1575329
tert-Butylbenzene	ND		0.500	1	11/12/2020 15:13	WG1575329
Carbon disulfide	ND		0.500	1	11/12/2020 15:13	WG1575329
Carbon tetrachloride	ND		0.500	1	11/12/2020 15:13	WG1575329
Chlorobenzene	ND		0.500	1	11/12/2020 15:13	WG1575329
Chlorodibromomethane	ND		0.500	1	11/12/2020 15:13	WG1575329
Chloroethane	ND		2.50	1	11/12/2020 15:13	WG1575329
Chloroform	ND		0.500	1	11/12/2020 15:13	WG1575329
Chloromethane	ND		1.25	1	11/12/2020 15:13	WG1575329
2-Chlorotoluene	ND		0.500	1	11/12/2020 15:13	WG1575329
4-Chlorotoluene	ND		0.500	1	11/12/2020 15:13	WG1575329
1,2-Dibromo-3-Chloropropane	ND		2.50	1	11/12/2020 15:13	WG1575329
1,2-Dibromoethane	ND		0.500	1	11/12/2020 15:13	WG1575329
Dibromomethane	ND		0.500	1	11/12/2020 15:13	WG1575329
1,2-Dichlorobenzene	ND		0.500	1	11/12/2020 15:13	WG1575329
1,3-Dichlorobenzene	ND		0.500	1	11/12/2020 15:13	WG1575329
1,4-Dichlorobenzene	ND		0.500	1	11/12/2020 15:13	WG1575329
Dichlorodifluoromethane	ND		2.50	1	11/12/2020 15:13	WG1575329
1,1-Dichloroethane	ND		0.500	1	11/12/2020 15:13	WG1575329
1,2-Dichloroethane	ND		0.500	1	11/12/2020 15:13	WG1575329
1,1-Dichloroethene	ND		0.500	1	11/12/2020 15:13	WG1575329
cis-1,2-Dichloroethene	ND		0.500	1	11/12/2020 15:13	WG1575329
trans-1,2-Dichloroethene	ND		0.500	1	11/12/2020 15:13	WG1575329
1,2-Dichloropropane	ND		0.500	1	11/12/2020 15:13	WG1575329
1,1-Dichloropropene	ND		0.500	1	11/12/2020 15:13	WG1575329
1,3-Dichloropropane	ND		1.00	1	11/12/2020 15:13	WG1575329
cis-1,3-Dichloropropene	ND		0.500	1	11/12/2020 15:13	WG1575329
trans-1,3-Dichloropropene	ND		0.500	1	11/12/2020 15:13	WG1575329
2,2-Dichloropropane	ND		0.500	1	11/12/2020 15:13	WG1575329
Di-isopropyl ether	ND		0.500	1	11/12/2020 15:13	WG1575329
Ethylbenzene	ND		0.500	1	11/12/2020 15:13	WG1575329
Hexachloro-1,3-butadiene	ND		1.00	1	11/12/2020 15:13	WG1575329
Isopropylbenzene	ND		0.500	1	11/12/2020 15:13	WG1575329
p-Isopropyltoluene	ND		0.500	1	11/12/2020 15:13	WG1575329
2-Butanone (MEK)	14.4	C5	5.00	1	11/12/2020 15:13	WG1575329
Methylene Chloride	ND	J4	2.50	1	11/12/2020 15:13	WG1575329
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	11/12/2020 15:13	WG1575329
Methyl tert-butyl ether	ND		0.500	1	11/12/2020 15:13	WG1575329
Naphthalene	ND		2.50	1	11/12/2020 15:13	WG1575329
n-Propylbenzene	ND		0.500	1	11/12/2020 15:13	WG1575329
Styrene	ND		0.500	1	11/12/2020 15:13	WG1575329
1,1,1,2-Tetrachloroethane	ND		0.500	1	11/12/2020 15:13	WG1575329
1,1,2,2-Tetrachloroethane	ND		0.500	1	11/12/2020 15:13	WG1575329
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	11/12/2020 15:13	WG1575329
Tetrachloroethene	ND		0.500	1	11/12/2020 15:13	WG1575329
Toluene	ND		0.500	1	11/12/2020 15:13	WG1575329
1,2,3-Trichlorobenzene	ND		0.500	1	11/12/2020 15:13	WG1575329

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Collected date/time: 11/04/20 14:33

L1282223

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	11/12/2020 15:13	WG1575329
1,1,1-Trichloroethane	ND		0.500	1	11/12/2020 15:13	WG1575329
1,1,2-Trichloroethane	ND		0.500	1	11/12/2020 15:13	WG1575329
Trichloroethene	3.72		0.500	1	11/12/2020 15:13	WG1575329
Trichlorofluoromethane	ND		2.50	1	11/12/2020 15:13	WG1575329
1,2,3-Trichloropropane	ND		2.50	1	11/12/2020 15:13	WG1575329
1,2,4-Trimethylbenzene	ND		0.500	1	11/12/2020 15:13	WG1575329
1,2,3-Trimethylbenzene	ND		0.500	1	11/12/2020 15:13	WG1575329
1,3,5-Trimethylbenzene	ND		0.500	1	11/12/2020 15:13	WG1575329
Vinyl chloride	ND		0.500	1	11/12/2020 15:13	WG1575329
Xylenes, Total	ND		1.50	1	11/12/2020 15:13	WG1575329
(S) Toluene-d8	105		80.0-120		11/12/2020 15:13	WG1575329
(S) 4-Bromofluorobenzene	93.1		77.0-126		11/12/2020 15:13	WG1575329
(S) 1,2-Dichloroethane-d4	94.1		70.0-130		11/12/2020 15:13	WG1575329

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	52.1		25.0	1	11/12/2020 15:34	WG1575329
Acrolein	ND		50.0	1	11/12/2020 15:34	WG1575329
Acrylonitrile	ND		5.00	1	11/12/2020 15:34	WG1575329
Benzene	ND		0.500	1	11/12/2020 15:34	WG1575329
Bromobenzene	ND		0.500	1	11/12/2020 15:34	WG1575329
Bromodichloromethane	ND		0.500	1	11/12/2020 15:34	WG1575329
Bromoform	ND		0.500	1	11/12/2020 15:34	WG1575329
Bromomethane	ND		2.50	1	11/12/2020 15:34	WG1575329
n-Butylbenzene	ND		0.500	1	11/12/2020 15:34	WG1575329
sec-Butylbenzene	ND		0.500	1	11/12/2020 15:34	WG1575329
tert-Butylbenzene	ND		0.500	1	11/12/2020 15:34	WG1575329
Carbon disulfide	ND		0.500	1	11/12/2020 15:34	WG1575329
Carbon tetrachloride	ND		0.500	1	11/12/2020 15:34	WG1575329
Chlorobenzene	ND		0.500	1	11/12/2020 15:34	WG1575329
Chlorodibromomethane	ND		0.500	1	11/12/2020 15:34	WG1575329
Chloroethane	ND		2.50	1	11/12/2020 15:34	WG1575329
Chloroform	ND		0.500	1	11/12/2020 15:34	WG1575329
Chloromethane	ND		1.25	1	11/12/2020 15:34	WG1575329
2-Chlorotoluene	ND		0.500	1	11/12/2020 15:34	WG1575329
4-Chlorotoluene	ND		0.500	1	11/12/2020 15:34	WG1575329
1,2-Dibromo-3-Chloropropane	ND		2.50	1	11/12/2020 15:34	WG1575329
1,2-Dibromoethane	ND		0.500	1	11/12/2020 15:34	WG1575329
Dibromomethane	ND		0.500	1	11/12/2020 15:34	WG1575329
1,2-Dichlorobenzene	ND		0.500	1	11/12/2020 15:34	WG1575329
1,3-Dichlorobenzene	ND		0.500	1	11/12/2020 15:34	WG1575329
1,4-Dichlorobenzene	ND		0.500	1	11/12/2020 15:34	WG1575329
Dichlorodifluoromethane	ND		2.50	1	11/12/2020 15:34	WG1575329
1,1-Dichloroethane	ND		0.500	1	11/12/2020 15:34	WG1575329
1,2-Dichloroethane	ND		0.500	1	11/12/2020 15:34	WG1575329
1,1-Dichloroethene	ND		0.500	1	11/12/2020 15:34	WG1575329
cis-1,2-Dichloroethene	0.788		0.500	1	11/12/2020 15:34	WG1575329
trans-1,2-Dichloroethene	ND		0.500	1	11/12/2020 15:34	WG1575329
1,2-Dichloropropane	ND		0.500	1	11/12/2020 15:34	WG1575329
1,1-Dichloropropene	ND		0.500	1	11/12/2020 15:34	WG1575329
1,3-Dichloropropane	ND		1.00	1	11/12/2020 15:34	WG1575329
cis-1,3-Dichloropropene	ND		0.500	1	11/12/2020 15:34	WG1575329
trans-1,3-Dichloropropene	ND		0.500	1	11/12/2020 15:34	WG1575329
2,2-Dichloropropane	ND		0.500	1	11/12/2020 15:34	WG1575329
Di-isopropyl ether	ND		0.500	1	11/12/2020 15:34	WG1575329
Ethylbenzene	ND		0.500	1	11/12/2020 15:34	WG1575329
Hexachloro-1,3-butadiene	ND		1.00	1	11/12/2020 15:34	WG1575329
Isopropylbenzene	ND		0.500	1	11/12/2020 15:34	WG1575329
p-Isopropyltoluene	ND		0.500	1	11/12/2020 15:34	WG1575329
2-Butanone (MEK)	14.2	C5	5.00	1	11/12/2020 15:34	WG1575329
Methylene Chloride	ND	J4	2.50	1	11/12/2020 15:34	WG1575329
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	11/12/2020 15:34	WG1575329
Methyl tert-butyl ether	ND		0.500	1	11/12/2020 15:34	WG1575329
Naphthalene	ND		2.50	1	11/12/2020 15:34	WG1575329
n-Propylbenzene	ND		0.500	1	11/12/2020 15:34	WG1575329
Styrene	ND		0.500	1	11/12/2020 15:34	WG1575329
1,1,1,2-Tetrachloroethane	ND		0.500	1	11/12/2020 15:34	WG1575329
1,1,2,2-Tetrachloroethane	ND		0.500	1	11/12/2020 15:34	WG1575329
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	11/12/2020 15:34	WG1575329
Tetrachloroethene	ND		0.500	1	11/12/2020 15:34	WG1575329
Toluene	ND		0.500	1	11/12/2020 15:34	WG1575329
1,2,3-Trichlorobenzene	ND		0.500	1	11/12/2020 15:34	WG1575329

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Collected date/time: 11/04/20 14:10

L1282223

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	11/12/2020 15:34	WG1575329
1,1,1-Trichloroethane	ND		0.500	1	11/12/2020 15:34	WG1575329
1,1,2-Trichloroethane	ND		0.500	1	11/12/2020 15:34	WG1575329
Trichloroethene	3.22		0.500	1	11/12/2020 15:34	WG1575329
Trichlorofluoromethane	ND		2.50	1	11/12/2020 15:34	WG1575329
1,2,3-Trichloropropane	ND		2.50	1	11/12/2020 15:34	WG1575329
1,2,4-Trimethylbenzene	ND		0.500	1	11/12/2020 15:34	WG1575329
1,2,3-Trimethylbenzene	ND		0.500	1	11/12/2020 15:34	WG1575329
1,3,5-Trimethylbenzene	ND		0.500	1	11/12/2020 15:34	WG1575329
Vinyl chloride	ND		0.500	1	11/12/2020 15:34	WG1575329
Xylenes, Total	ND		1.50	1	11/12/2020 15:34	WG1575329
(S) Toluene-d8	107		80.0-120		11/12/2020 15:34	WG1575329
(S) 4-Bromofluorobenzene	95.9		77.0-126		11/12/2020 15:34	WG1575329
(S) 1,2-Dichloroethane-d4	95.5		70.0-130		11/12/2020 15:34	WG1575329

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	11/12/2020 15:54	WG1575329
Acrolein	ND		50.0	1	11/12/2020 15:54	WG1575329
Acrylonitrile	ND		5.00	1	11/12/2020 15:54	WG1575329
Benzene	ND		0.500	1	11/12/2020 15:54	WG1575329
Bromobenzene	ND		0.500	1	11/12/2020 15:54	WG1575329
Bromodichloromethane	ND		0.500	1	11/12/2020 15:54	WG1575329
Bromoform	ND		0.500	1	11/12/2020 15:54	WG1575329
Bromomethane	ND		2.50	1	11/12/2020 15:54	WG1575329
n-Butylbenzene	ND		0.500	1	11/12/2020 15:54	WG1575329
sec-Butylbenzene	ND		0.500	1	11/12/2020 15:54	WG1575329
tert-Butylbenzene	ND		0.500	1	11/12/2020 15:54	WG1575329
Carbon disulfide	ND		0.500	1	11/12/2020 15:54	WG1575329
Carbon tetrachloride	ND		0.500	1	11/12/2020 15:54	WG1575329
Chlorobenzene	ND		0.500	1	11/12/2020 15:54	WG1575329
Chlorodibromomethane	ND		0.500	1	11/12/2020 15:54	WG1575329
Chloroethane	ND		2.50	1	11/12/2020 15:54	WG1575329
Chloroform	ND		0.500	1	11/12/2020 15:54	WG1575329
Chloromethane	ND		1.25	1	11/12/2020 15:54	WG1575329
2-Chlorotoluene	ND		0.500	1	11/12/2020 15:54	WG1575329
4-Chlorotoluene	ND		0.500	1	11/12/2020 15:54	WG1575329
1,2-Dibromo-3-Chloropropane	ND		2.50	1	11/12/2020 15:54	WG1575329
1,2-Dibromoethane	ND		0.500	1	11/12/2020 15:54	WG1575329
Dibromomethane	ND		0.500	1	11/12/2020 15:54	WG1575329
1,2-Dichlorobenzene	ND		0.500	1	11/12/2020 15:54	WG1575329
1,3-Dichlorobenzene	ND		0.500	1	11/12/2020 15:54	WG1575329
1,4-Dichlorobenzene	ND		0.500	1	11/12/2020 15:54	WG1575329
Dichlorodifluoromethane	ND		2.50	1	11/12/2020 15:54	WG1575329
1,1-Dichloroethane	ND		0.500	1	11/12/2020 15:54	WG1575329
1,2-Dichloroethane	ND		0.500	1	11/12/2020 15:54	WG1575329
1,1-Dichloroethene	ND		0.500	1	11/12/2020 15:54	WG1575329
cis-1,2-Dichloroethene	ND		0.500	1	11/12/2020 15:54	WG1575329
trans-1,2-Dichloroethene	ND		0.500	1	11/12/2020 15:54	WG1575329
1,2-Dichloropropane	ND		0.500	1	11/12/2020 15:54	WG1575329
1,1-Dichloropropene	ND		0.500	1	11/12/2020 15:54	WG1575329
1,3-Dichloropropane	ND		1.00	1	11/12/2020 15:54	WG1575329
cis-1,3-Dichloropropene	ND		0.500	1	11/12/2020 15:54	WG1575329
trans-1,3-Dichloropropene	ND		0.500	1	11/12/2020 15:54	WG1575329
2,2-Dichloropropane	ND		0.500	1	11/12/2020 15:54	WG1575329
Di-isopropyl ether	ND		0.500	1	11/12/2020 15:54	WG1575329
Ethylbenzene	ND		0.500	1	11/12/2020 15:54	WG1575329
Hexachloro-1,3-butadiene	ND		1.00	1	11/12/2020 15:54	WG1575329
Isopropylbenzene	ND		0.500	1	11/12/2020 15:54	WG1575329
p-Isopropyltoluene	ND		0.500	1	11/12/2020 15:54	WG1575329
2-Butanone (MEK)	8.53	C5	5.00	1	11/12/2020 15:54	WG1575329
Methylene Chloride	ND	J4	2.50	1	11/12/2020 15:54	WG1575329
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	11/12/2020 15:54	WG1575329
Methyl tert-butyl ether	ND		0.500	1	11/12/2020 15:54	WG1575329
Naphthalene	ND		2.50	1	11/12/2020 15:54	WG1575329
n-Propylbenzene	ND		0.500	1	11/12/2020 15:54	WG1575329
Styrene	ND		0.500	1	11/12/2020 15:54	WG1575329
1,1,1,2-Tetrachloroethane	ND		0.500	1	11/12/2020 15:54	WG1575329
1,1,2,2-Tetrachloroethane	ND		0.500	1	11/12/2020 15:54	WG1575329
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	11/12/2020 15:54	WG1575329
Tetrachloroethene	ND		0.500	1	11/12/2020 15:54	WG1575329
Toluene	ND		0.500	1	11/12/2020 15:54	WG1575329
1,2,3-Trichlorobenzene	ND		0.500	1	11/12/2020 15:54	WG1575329

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	11/12/2020 15:54	WG1575329
1,1,1-Trichloroethane	ND		0.500	1	11/12/2020 15:54	WG1575329
1,1,2-Trichloroethane	ND		0.500	1	11/12/2020 15:54	WG1575329
Trichloroethene	ND		0.500	1	11/12/2020 15:54	WG1575329
Trichlorofluoromethane	ND		2.50	1	11/12/2020 15:54	WG1575329
1,2,3-Trichloropropane	ND		2.50	1	11/12/2020 15:54	WG1575329
1,2,4-Trimethylbenzene	ND		0.500	1	11/12/2020 15:54	WG1575329
1,2,3-Trimethylbenzene	ND		0.500	1	11/12/2020 15:54	WG1575329
1,3,5-Trimethylbenzene	ND		0.500	1	11/12/2020 15:54	WG1575329
Vinyl chloride	ND		0.500	1	11/12/2020 15:54	WG1575329
Xylenes, Total	ND		1.50	1	11/12/2020 15:54	WG1575329
(S) Toluene-d8	105		80.0-120		11/12/2020 15:54	WG1575329
(S) 4-Bromofluorobenzene	95.5		77.0-126		11/12/2020 15:54	WG1575329
(S) 1,2-Dichloroethane-d4	96.6		70.0-130		11/12/2020 15:54	WG1575329

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	11/12/2020 16:15	WG1575329
Acrolein	ND		50.0	1	11/12/2020 16:15	WG1575329
Acrylonitrile	ND		5.00	1	11/12/2020 16:15	WG1575329
Benzene	ND		0.500	1	11/12/2020 16:15	WG1575329
Bromobenzene	ND		0.500	1	11/12/2020 16:15	WG1575329
Bromodichloromethane	ND		0.500	1	11/12/2020 16:15	WG1575329
Bromoform	ND		0.500	1	11/12/2020 16:15	WG1575329
Bromomethane	ND		2.50	1	11/12/2020 16:15	WG1575329
n-Butylbenzene	ND		0.500	1	11/12/2020 16:15	WG1575329
sec-Butylbenzene	ND		0.500	1	11/12/2020 16:15	WG1575329
tert-Butylbenzene	ND		0.500	1	11/12/2020 16:15	WG1575329
Carbon disulfide	ND		0.500	1	11/12/2020 16:15	WG1575329
Carbon tetrachloride	ND		0.500	1	11/12/2020 16:15	WG1575329
Chlorobenzene	ND		0.500	1	11/12/2020 16:15	WG1575329
Chlorodibromomethane	ND		0.500	1	11/12/2020 16:15	WG1575329
Chloroethane	ND		2.50	1	11/12/2020 16:15	WG1575329
Chloroform	ND		0.500	1	11/12/2020 16:15	WG1575329
Chloromethane	ND		1.25	1	11/12/2020 16:15	WG1575329
2-Chlorotoluene	ND		0.500	1	11/12/2020 16:15	WG1575329
4-Chlorotoluene	ND		0.500	1	11/12/2020 16:15	WG1575329
1,2-Dibromo-3-Chloropropane	ND		2.50	1	11/12/2020 16:15	WG1575329
1,2-Dibromoethane	ND		0.500	1	11/12/2020 16:15	WG1575329
Dibromomethane	ND		0.500	1	11/12/2020 16:15	WG1575329
1,2-Dichlorobenzene	ND		0.500	1	11/12/2020 16:15	WG1575329
1,3-Dichlorobenzene	ND		0.500	1	11/12/2020 16:15	WG1575329
1,4-Dichlorobenzene	ND		0.500	1	11/12/2020 16:15	WG1575329
Dichlorodifluoromethane	ND		2.50	1	11/12/2020 16:15	WG1575329
1,1-Dichloroethane	ND		0.500	1	11/12/2020 16:15	WG1575329
1,2-Dichloroethane	ND		0.500	1	11/12/2020 16:15	WG1575329
1,1-Dichloroethene	ND		0.500	1	11/12/2020 16:15	WG1575329
cis-1,2-Dichloroethene	ND		0.500	1	11/12/2020 16:15	WG1575329
trans-1,2-Dichloroethene	ND		0.500	1	11/12/2020 16:15	WG1575329
1,2-Dichloropropane	ND		0.500	1	11/12/2020 16:15	WG1575329
1,1-Dichloropropene	ND		0.500	1	11/12/2020 16:15	WG1575329
1,3-Dichloropropane	ND		1.00	1	11/12/2020 16:15	WG1575329
cis-1,3-Dichloropropene	ND		0.500	1	11/12/2020 16:15	WG1575329
trans-1,3-Dichloropropene	ND		0.500	1	11/12/2020 16:15	WG1575329
2,2-Dichloropropane	ND		0.500	1	11/12/2020 16:15	WG1575329
Di-isopropyl ether	ND		0.500	1	11/12/2020 16:15	WG1575329
Ethylbenzene	ND		0.500	1	11/12/2020 16:15	WG1575329
Hexachloro-1,3-butadiene	ND		1.00	1	11/12/2020 16:15	WG1575329
Isopropylbenzene	ND		0.500	1	11/12/2020 16:15	WG1575329
p-Isopropyltoluene	ND		0.500	1	11/12/2020 16:15	WG1575329
2-Butanone (MEK)	ND		5.00	1	11/12/2020 16:15	WG1575329
Methylene Chloride	ND	J4	2.50	1	11/12/2020 16:15	WG1575329
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	11/12/2020 16:15	WG1575329
Methyl tert-butyl ether	ND		0.500	1	11/12/2020 16:15	WG1575329
Naphthalene	ND		2.50	1	11/12/2020 16:15	WG1575329
n-Propylbenzene	ND		0.500	1	11/12/2020 16:15	WG1575329
Styrene	ND		0.500	1	11/12/2020 16:15	WG1575329
1,1,1,2-Tetrachloroethane	ND		0.500	1	11/12/2020 16:15	WG1575329
1,1,2,2-Tetrachloroethane	ND		0.500	1	11/12/2020 16:15	WG1575329
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	11/12/2020 16:15	WG1575329
Tetrachloroethene	ND		0.500	1	11/12/2020 16:15	WG1575329
Toluene	ND		0.500	1	11/12/2020 16:15	WG1575329
1,2,3-Trichlorobenzene	ND		0.500	1	11/12/2020 16:15	WG1575329

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Collected date/time: 11/04/20 08:15

L1282223

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	11/12/2020 16:15	WG1575329
1,1,1-Trichloroethane	ND		0.500	1	11/12/2020 16:15	WG1575329
1,1,2-Trichloroethane	ND		0.500	1	11/12/2020 16:15	WG1575329
Trichloroethene	ND		0.500	1	11/12/2020 16:15	WG1575329
Trichlorofluoromethane	ND		2.50	1	11/12/2020 16:15	WG1575329
1,2,3-Trichloropropane	ND		2.50	1	11/12/2020 16:15	WG1575329
1,2,4-Trimethylbenzene	ND		0.500	1	11/12/2020 16:15	WG1575329
1,2,3-Trimethylbenzene	ND		0.500	1	11/12/2020 16:15	WG1575329
1,3,5-Trimethylbenzene	ND		0.500	1	11/12/2020 16:15	WG1575329
Vinyl chloride	ND		0.500	1	11/12/2020 16:15	WG1575329
Xylenes, Total	ND		1.50	1	11/12/2020 16:15	WG1575329
(S) Toluene-d8	107		80.0-120		11/12/2020 16:15	WG1575329
(S) 4-Bromofluorobenzene	94.7		77.0-126		11/12/2020 16:15	WG1575329
(S) 1,2-Dichloroethane-d4	97.2		70.0-130		11/12/2020 16:15	WG1575329

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	11/12/2020 16:36	WG1575329
Acrolein	ND		50.0	1	11/12/2020 16:36	WG1575329
Acrylonitrile	ND		5.00	1	11/12/2020 16:36	WG1575329
Benzene	ND		0.500	1	11/12/2020 16:36	WG1575329
Bromobenzene	ND		0.500	1	11/12/2020 16:36	WG1575329
Bromodichloromethane	ND		0.500	1	11/12/2020 16:36	WG1575329
Bromoform	ND		0.500	1	11/12/2020 16:36	WG1575329
Bromomethane	ND		2.50	1	11/12/2020 16:36	WG1575329
n-Butylbenzene	ND		0.500	1	11/12/2020 16:36	WG1575329
sec-Butylbenzene	ND		0.500	1	11/12/2020 16:36	WG1575329
tert-Butylbenzene	ND		0.500	1	11/12/2020 16:36	WG1575329
Carbon disulfide	ND		0.500	1	11/12/2020 16:36	WG1575329
Carbon tetrachloride	ND		0.500	1	11/12/2020 16:36	WG1575329
Chlorobenzene	ND		0.500	1	11/12/2020 16:36	WG1575329
Chlorodibromomethane	ND		0.500	1	11/12/2020 16:36	WG1575329
Chloroethane	ND		2.50	1	11/12/2020 16:36	WG1575329
Chloroform	ND		0.500	1	11/12/2020 16:36	WG1575329
Chloromethane	ND		1.25	1	11/12/2020 16:36	WG1575329
2-Chlorotoluene	ND		0.500	1	11/12/2020 16:36	WG1575329
4-Chlorotoluene	ND		0.500	1	11/12/2020 16:36	WG1575329
1,2-Dibromo-3-Chloropropane	ND		2.50	1	11/12/2020 16:36	WG1575329
1,2-Dibromoethane	ND		0.500	1	11/12/2020 16:36	WG1575329
Dibromomethane	ND		0.500	1	11/12/2020 16:36	WG1575329
1,2-Dichlorobenzene	ND		0.500	1	11/12/2020 16:36	WG1575329
1,3-Dichlorobenzene	ND		0.500	1	11/12/2020 16:36	WG1575329
1,4-Dichlorobenzene	ND		0.500	1	11/12/2020 16:36	WG1575329
Dichlorodifluoromethane	ND		2.50	1	11/12/2020 16:36	WG1575329
1,1-Dichloroethane	ND		0.500	1	11/12/2020 16:36	WG1575329
1,2-Dichloroethane	ND		0.500	1	11/12/2020 16:36	WG1575329
1,1-Dichloroethene	ND		0.500	1	11/12/2020 16:36	WG1575329
cis-1,2-Dichloroethene	ND		0.500	1	11/12/2020 16:36	WG1575329
trans-1,2-Dichloroethene	ND		0.500	1	11/12/2020 16:36	WG1575329
1,2-Dichloropropane	ND		0.500	1	11/12/2020 16:36	WG1575329
1,1-Dichloropropene	ND		0.500	1	11/12/2020 16:36	WG1575329
1,3-Dichloropropane	ND		1.00	1	11/12/2020 16:36	WG1575329
cis-1,3-Dichloropropene	ND		0.500	1	11/12/2020 16:36	WG1575329
trans-1,3-Dichloropropene	ND		0.500	1	11/12/2020 16:36	WG1575329
2,2-Dichloropropane	ND		0.500	1	11/12/2020 16:36	WG1575329
Di-isopropyl ether	ND		0.500	1	11/12/2020 16:36	WG1575329
Ethylbenzene	ND		0.500	1	11/12/2020 16:36	WG1575329
Hexachloro-1,3-butadiene	ND		1.00	1	11/12/2020 16:36	WG1575329
Isopropylbenzene	ND		0.500	1	11/12/2020 16:36	WG1575329
p-Isopropyltoluene	ND		0.500	1	11/12/2020 16:36	WG1575329
2-Butanone (MEK)	ND		5.00	1	11/12/2020 16:36	WG1575329
Methylene Chloride	ND	J4	2.50	1	11/12/2020 16:36	WG1575329
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	11/12/2020 16:36	WG1575329
Methyl tert-butyl ether	ND		0.500	1	11/12/2020 16:36	WG1575329
Naphthalene	ND		2.50	1	11/12/2020 16:36	WG1575329
n-Propylbenzene	ND		0.500	1	11/12/2020 16:36	WG1575329
Styrene	ND		0.500	1	11/12/2020 16:36	WG1575329
1,1,1,2-Tetrachloroethane	ND		0.500	1	11/12/2020 16:36	WG1575329
1,1,2,2-Tetrachloroethane	ND		0.500	1	11/12/2020 16:36	WG1575329
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	11/12/2020 16:36	WG1575329
Tetrachloroethene	ND		0.500	1	11/12/2020 16:36	WG1575329
Toluene	ND		0.500	1	11/12/2020 16:36	WG1575329
1,2,3-Trichlorobenzene	ND		0.500	1	11/12/2020 16:36	WG1575329

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	11/12/2020 16:36	WG1575329
1,1,1-Trichloroethane	ND		0.500	1	11/12/2020 16:36	WG1575329
1,1,2-Trichloroethane	ND		0.500	1	11/12/2020 16:36	WG1575329
Trichloroethene	ND		0.500	1	11/12/2020 16:36	WG1575329
Trichlorofluoromethane	ND		2.50	1	11/12/2020 16:36	WG1575329
1,2,3-Trichloropropane	ND		2.50	1	11/12/2020 16:36	WG1575329
1,2,4-Trimethylbenzene	ND		0.500	1	11/12/2020 16:36	WG1575329
1,2,3-Trimethylbenzene	ND		0.500	1	11/12/2020 16:36	WG1575329
1,3,5-Trimethylbenzene	ND		0.500	1	11/12/2020 16:36	WG1575329
Vinyl chloride	ND		0.500	1	11/12/2020 16:36	WG1575329
Xylenes, Total	ND		1.50	1	11/12/2020 16:36	WG1575329
(S) Toluene-d8	104		80.0-120		11/12/2020 16:36	WG1575329
(S) 4-Bromofluorobenzene	95.3		77.0-126		11/12/2020 16:36	WG1575329
(S) 1,2-Dichloroethane-d4	96.6		70.0-130		11/12/2020 16:36	WG1575329

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	11/12/2020 16:56	WG1575329
Acrolein	ND		50.0	1	11/12/2020 16:56	WG1575329
Acrylonitrile	ND		5.00	1	11/12/2020 16:56	WG1575329
Benzene	ND		0.500	1	11/12/2020 16:56	WG1575329
Bromobenzene	ND		0.500	1	11/12/2020 16:56	WG1575329
Bromodichloromethane	ND		0.500	1	11/12/2020 16:56	WG1575329
Bromoform	ND		0.500	1	11/12/2020 16:56	WG1575329
Bromomethane	ND		2.50	1	11/12/2020 16:56	WG1575329
n-Butylbenzene	ND		0.500	1	11/12/2020 16:56	WG1575329
sec-Butylbenzene	ND		0.500	1	11/12/2020 16:56	WG1575329
tert-Butylbenzene	ND		0.500	1	11/12/2020 16:56	WG1575329
Carbon disulfide	ND		0.500	1	11/12/2020 16:56	WG1575329
Carbon tetrachloride	ND		0.500	1	11/12/2020 16:56	WG1575329
Chlorobenzene	ND		0.500	1	11/12/2020 16:56	WG1575329
Chlorodibromomethane	ND		0.500	1	11/12/2020 16:56	WG1575329
Chloroethane	ND		2.50	1	11/12/2020 16:56	WG1575329
Chloroform	ND		0.500	1	11/12/2020 16:56	WG1575329
Chloromethane	ND		1.25	1	11/12/2020 16:56	WG1575329
2-Chlorotoluene	ND		0.500	1	11/12/2020 16:56	WG1575329
4-Chlorotoluene	ND		0.500	1	11/12/2020 16:56	WG1575329
1,2-Dibromo-3-Chloropropane	ND		2.50	1	11/12/2020 16:56	WG1575329
1,2-Dibromoethane	ND		0.500	1	11/12/2020 16:56	WG1575329
Dibromomethane	ND		0.500	1	11/12/2020 16:56	WG1575329
1,2-Dichlorobenzene	ND		0.500	1	11/12/2020 16:56	WG1575329
1,3-Dichlorobenzene	ND		0.500	1	11/12/2020 16:56	WG1575329
1,4-Dichlorobenzene	ND		0.500	1	11/12/2020 16:56	WG1575329
Dichlorodifluoromethane	ND		2.50	1	11/12/2020 16:56	WG1575329
1,1-Dichloroethane	ND		0.500	1	11/12/2020 16:56	WG1575329
1,2-Dichloroethane	ND		0.500	1	11/12/2020 16:56	WG1575329
1,1-Dichloroethene	ND		0.500	1	11/12/2020 16:56	WG1575329
cis-1,2-Dichloroethene	0.558		0.500	1	11/12/2020 16:56	WG1575329
trans-1,2-Dichloroethene	ND		0.500	1	11/12/2020 16:56	WG1575329
1,2-Dichloropropane	ND		0.500	1	11/12/2020 16:56	WG1575329
1,1-Dichloropropene	ND		0.500	1	11/12/2020 16:56	WG1575329
1,3-Dichloropropane	ND		1.00	1	11/12/2020 16:56	WG1575329
cis-1,3-Dichloropropene	ND		0.500	1	11/12/2020 16:56	WG1575329
trans-1,3-Dichloropropene	ND		0.500	1	11/12/2020 16:56	WG1575329
2,2-Dichloropropane	ND		0.500	1	11/12/2020 16:56	WG1575329
Di-isopropyl ether	ND		0.500	1	11/12/2020 16:56	WG1575329
Ethylbenzene	ND		0.500	1	11/12/2020 16:56	WG1575329
Hexachloro-1,3-butadiene	ND		1.00	1	11/12/2020 16:56	WG1575329
Isopropylbenzene	ND		0.500	1	11/12/2020 16:56	WG1575329
p-Isopropyltoluene	ND		0.500	1	11/12/2020 16:56	WG1575329
2-Butanone (MEK)	ND		5.00	1	11/12/2020 16:56	WG1575329
Methylene Chloride	ND	J4	2.50	1	11/12/2020 16:56	WG1575329
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	11/12/2020 16:56	WG1575329
Methyl tert-butyl ether	ND		0.500	1	11/12/2020 16:56	WG1575329
Naphthalene	ND		2.50	1	11/12/2020 16:56	WG1575329
n-Propylbenzene	ND		0.500	1	11/12/2020 16:56	WG1575329
Styrene	ND		0.500	1	11/12/2020 16:56	WG1575329
1,1,1,2-Tetrachloroethane	ND		0.500	1	11/12/2020 16:56	WG1575329
1,1,2,2-Tetrachloroethane	ND		0.500	1	11/12/2020 16:56	WG1575329
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	11/12/2020 16:56	WG1575329
Tetrachloroethene	ND		0.500	1	11/12/2020 16:56	WG1575329
Toluene	ND		0.500	1	11/12/2020 16:56	WG1575329
1,2,3-Trichlorobenzene	ND		0.500	1	11/12/2020 16:56	WG1575329

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Collected date/time: 11/04/20 08:25

L1282223

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	11/12/2020 16:56	WG1575329
1,1,1-Trichloroethane	ND		0.500	1	11/12/2020 16:56	WG1575329
1,1,2-Trichloroethane	ND		0.500	1	11/12/2020 16:56	WG1575329
Trichloroethene	4.96		0.500	1	11/12/2020 16:56	WG1575329
Trichlorofluoromethane	ND		2.50	1	11/12/2020 16:56	WG1575329
1,2,3-Trichloropropane	ND		2.50	1	11/12/2020 16:56	WG1575329
1,2,4-Trimethylbenzene	ND		0.500	1	11/12/2020 16:56	WG1575329
1,2,3-Trimethylbenzene	ND		0.500	1	11/12/2020 16:56	WG1575329
1,3,5-Trimethylbenzene	ND		0.500	1	11/12/2020 16:56	WG1575329
Vinyl chloride	ND		0.500	1	11/12/2020 16:56	WG1575329
Xylenes, Total	ND		1.50	1	11/12/2020 16:56	WG1575329
(S) Toluene-d8	104		80.0-120		11/12/2020 16:56	WG1575329
(S) 4-Bromofluorobenzene	97.1		77.0-126		11/12/2020 16:56	WG1575329
(S) 1,2-Dichloroethane-d4	93.8		70.0-130		11/12/2020 16:56	WG1575329

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	11/12/2020 10:45	WG1575329
Acrolein	ND		50.0	1	11/12/2020 10:45	WG1575329
Acrylonitrile	ND		5.00	1	11/12/2020 10:45	WG1575329
Benzene	ND		0.500	1	11/12/2020 10:45	WG1575329
Bromobenzene	ND		0.500	1	11/12/2020 10:45	WG1575329
Bromodichloromethane	ND		0.500	1	11/12/2020 10:45	WG1575329
Bromoform	ND		0.500	1	11/12/2020 10:45	WG1575329
Bromomethane	ND		2.50	1	11/12/2020 10:45	WG1575329
n-Butylbenzene	ND		0.500	1	11/12/2020 10:45	WG1575329
sec-Butylbenzene	ND		0.500	1	11/12/2020 10:45	WG1575329
tert-Butylbenzene	ND		0.500	1	11/12/2020 10:45	WG1575329
Carbon disulfide	ND		0.500	1	11/12/2020 10:45	WG1575329
Carbon tetrachloride	ND		0.500	1	11/12/2020 10:45	WG1575329
Chlorobenzene	ND		0.500	1	11/12/2020 10:45	WG1575329
Chlorodibromomethane	ND		0.500	1	11/12/2020 10:45	WG1575329
Chloroethane	ND		2.50	1	11/12/2020 10:45	WG1575329
Chloroform	ND		0.500	1	11/12/2020 10:45	WG1575329
Chloromethane	ND		1.25	1	11/12/2020 10:45	WG1575329
2-Chlorotoluene	ND		0.500	1	11/12/2020 10:45	WG1575329
4-Chlorotoluene	ND		0.500	1	11/12/2020 10:45	WG1575329
1,2-Dibromo-3-Chloropropane	ND		2.50	1	11/12/2020 10:45	WG1575329
1,2-Dibromoethane	ND		0.500	1	11/12/2020 10:45	WG1575329
Dibromomethane	ND		0.500	1	11/12/2020 10:45	WG1575329
1,2-Dichlorobenzene	ND		0.500	1	11/12/2020 10:45	WG1575329
1,3-Dichlorobenzene	ND		0.500	1	11/12/2020 10:45	WG1575329
1,4-Dichlorobenzene	ND		0.500	1	11/12/2020 10:45	WG1575329
Dichlorodifluoromethane	ND		2.50	1	11/12/2020 10:45	WG1575329
1,1-Dichloroethane	ND		0.500	1	11/12/2020 10:45	WG1575329
1,2-Dichloroethane	ND		0.500	1	11/12/2020 10:45	WG1575329
1,1-Dichloroethene	ND		0.500	1	11/12/2020 10:45	WG1575329
cis-1,2-Dichloroethene	ND		0.500	1	11/12/2020 10:45	WG1575329
trans-1,2-Dichloroethene	ND		0.500	1	11/12/2020 10:45	WG1575329
1,2-Dichloropropane	ND		0.500	1	11/12/2020 10:45	WG1575329
1,1-Dichloropropene	ND		0.500	1	11/12/2020 10:45	WG1575329
1,3-Dichloropropane	ND		1.00	1	11/12/2020 10:45	WG1575329
cis-1,3-Dichloropropene	ND		0.500	1	11/12/2020 10:45	WG1575329
trans-1,3-Dichloropropene	ND		0.500	1	11/12/2020 10:45	WG1575329
2,2-Dichloropropane	ND		0.500	1	11/12/2020 10:45	WG1575329
Di-isopropyl ether	ND		0.500	1	11/12/2020 10:45	WG1575329
Ethylbenzene	ND		0.500	1	11/12/2020 10:45	WG1575329
Hexachloro-1,3-butadiene	ND		1.00	1	11/12/2020 10:45	WG1575329
Isopropylbenzene	ND		0.500	1	11/12/2020 10:45	WG1575329
p-Isopropyltoluene	ND		0.500	1	11/12/2020 10:45	WG1575329
2-Butanone (MEK)	ND		5.00	1	11/12/2020 10:45	WG1575329
Methylene Chloride	ND	J4	2.50	1	11/12/2020 10:45	WG1575329
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	11/12/2020 10:45	WG1575329
Methyl tert-butyl ether	ND		0.500	1	11/12/2020 10:45	WG1575329
Naphthalene	ND		2.50	1	11/12/2020 10:45	WG1575329
n-Propylbenzene	ND		0.500	1	11/12/2020 10:45	WG1575329
Styrene	ND		0.500	1	11/12/2020 10:45	WG1575329
1,1,1,2-Tetrachloroethane	ND		0.500	1	11/12/2020 10:45	WG1575329
1,1,2,2-Tetrachloroethane	ND		0.500	1	11/12/2020 10:45	WG1575329
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	11/12/2020 10:45	WG1575329
Tetrachloroethene	ND		0.500	1	11/12/2020 10:45	WG1575329
Toluene	ND		0.500	1	11/12/2020 10:45	WG1575329
1,2,3-Trichlorobenzene	ND		0.500	1	11/12/2020 10:45	WG1575329

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	11/12/2020 10:45	WG1575329
1,1,1-Trichloroethane	ND		0.500	1	11/12/2020 10:45	WG1575329
1,1,2-Trichloroethane	ND		0.500	1	11/12/2020 10:45	WG1575329
Trichloroethene	ND		0.500	1	11/12/2020 10:45	WG1575329
Trichlorofluoromethane	ND		2.50	1	11/12/2020 10:45	WG1575329
1,2,3-Trichloropropane	ND		2.50	1	11/12/2020 10:45	WG1575329
1,2,4-Trimethylbenzene	ND		0.500	1	11/12/2020 10:45	WG1575329
1,2,3-Trimethylbenzene	ND		0.500	1	11/12/2020 10:45	WG1575329
1,3,5-Trimethylbenzene	ND		0.500	1	11/12/2020 10:45	WG1575329
Vinyl chloride	ND		0.500	1	11/12/2020 10:45	WG1575329
Xylenes, Total	ND		1.50	1	11/12/2020 10:45	WG1575329
(S) Toluene-d8	106		80.0-120		11/12/2020 10:45	WG1575329
(S) 4-Bromofluorobenzene	96.8		77.0-126		11/12/2020 10:45	WG1575329
(S) 1,2-Dichloroethane-d4	90.3		70.0-130		11/12/2020 10:45	WG1575329

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	30.9		25.0	1	11/12/2020 17:17	WG1575329
Acrolein	ND		50.0	1	11/12/2020 17:17	WG1575329
Acrylonitrile	ND		5.00	1	11/12/2020 17:17	WG1575329
Benzene	ND		0.500	1	11/12/2020 17:17	WG1575329
Bromobenzene	ND		0.500	1	11/12/2020 17:17	WG1575329
Bromodichloromethane	ND		0.500	1	11/12/2020 17:17	WG1575329
Bromoform	ND		0.500	1	11/12/2020 17:17	WG1575329
Bromomethane	ND		2.50	1	11/12/2020 17:17	WG1575329
n-Butylbenzene	ND		0.500	1	11/12/2020 17:17	WG1575329
sec-Butylbenzene	ND		0.500	1	11/12/2020 17:17	WG1575329
tert-Butylbenzene	ND		0.500	1	11/12/2020 17:17	WG1575329
Carbon disulfide	ND		0.500	1	11/12/2020 17:17	WG1575329
Carbon tetrachloride	ND		0.500	1	11/12/2020 17:17	WG1575329
Chlorobenzene	ND		0.500	1	11/12/2020 17:17	WG1575329
Chlorodibromomethane	ND		0.500	1	11/12/2020 17:17	WG1575329
Chloroethane	ND		2.50	1	11/12/2020 17:17	WG1575329
Chloroform	ND		0.500	1	11/12/2020 17:17	WG1575329
Chloromethane	ND		1.25	1	11/12/2020 17:17	WG1575329
2-Chlorotoluene	ND		0.500	1	11/12/2020 17:17	WG1575329
4-Chlorotoluene	ND		0.500	1	11/12/2020 17:17	WG1575329
1,2-Dibromo-3-Chloropropane	ND		2.50	1	11/12/2020 17:17	WG1575329
1,2-Dibromoethane	ND		0.500	1	11/12/2020 17:17	WG1575329
Dibromomethane	ND		0.500	1	11/12/2020 17:17	WG1575329
1,2-Dichlorobenzene	ND		0.500	1	11/12/2020 17:17	WG1575329
1,3-Dichlorobenzene	ND		0.500	1	11/12/2020 17:17	WG1575329
1,4-Dichlorobenzene	ND		0.500	1	11/12/2020 17:17	WG1575329
Dichlorodifluoromethane	ND		2.50	1	11/12/2020 17:17	WG1575329
1,1-Dichloroethane	ND		0.500	1	11/12/2020 17:17	WG1575329
1,2-Dichloroethane	ND		0.500	1	11/12/2020 17:17	WG1575329
1,1-Dichloroethene	ND		0.500	1	11/12/2020 17:17	WG1575329
cis-1,2-Dichloroethene	ND		0.500	1	11/12/2020 17:17	WG1575329
trans-1,2-Dichloroethene	ND		0.500	1	11/12/2020 17:17	WG1575329
1,2-Dichloropropane	ND		0.500	1	11/12/2020 17:17	WG1575329
1,1-Dichloropropene	ND		0.500	1	11/12/2020 17:17	WG1575329
1,3-Dichloropropane	ND		1.00	1	11/12/2020 17:17	WG1575329
cis-1,3-Dichloropropene	ND		0.500	1	11/12/2020 17:17	WG1575329
trans-1,3-Dichloropropene	ND		0.500	1	11/12/2020 17:17	WG1575329
2,2-Dichloropropane	ND		0.500	1	11/12/2020 17:17	WG1575329
Di-isopropyl ether	ND		0.500	1	11/12/2020 17:17	WG1575329
Ethylbenzene	ND		0.500	1	11/12/2020 17:17	WG1575329
Hexachloro-1,3-butadiene	ND		1.00	1	11/12/2020 17:17	WG1575329
Isopropylbenzene	ND		0.500	1	11/12/2020 17:17	WG1575329
p-Isopropyltoluene	ND		0.500	1	11/12/2020 17:17	WG1575329
2-Butanone (MEK)	9.73	C5	5.00	1	11/12/2020 17:17	WG1575329
Methylene Chloride	ND	J4	2.50	1	11/12/2020 17:17	WG1575329
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	11/12/2020 17:17	WG1575329
Methyl tert-butyl ether	ND		0.500	1	11/12/2020 17:17	WG1575329
Naphthalene	ND		2.50	1	11/12/2020 17:17	WG1575329
n-Propylbenzene	ND		0.500	1	11/12/2020 17:17	WG1575329
Styrene	ND		0.500	1	11/12/2020 17:17	WG1575329
1,1,1,2-Tetrachloroethane	ND		0.500	1	11/12/2020 17:17	WG1575329
1,1,2,2-Tetrachloroethane	ND		0.500	1	11/12/2020 17:17	WG1575329
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	11/12/2020 17:17	WG1575329
Tetrachloroethene	ND		0.500	1	11/12/2020 17:17	WG1575329
Toluene	ND		0.500	1	11/12/2020 17:17	WG1575329
1,2,3-Trichlorobenzene	ND		0.500	1	11/12/2020 17:17	WG1575329

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Collected date/time: 11/04/20 11:30

L1282223

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	11/12/2020 17:17	WG1575329
1,1,1-Trichloroethane	ND		0.500	1	11/12/2020 17:17	WG1575329
1,1,2-Trichloroethane	ND		0.500	1	11/12/2020 17:17	WG1575329
Trichloroethene	11.3		0.500	1	11/12/2020 17:17	WG1575329
Trichlorofluoromethane	ND		2.50	1	11/12/2020 17:17	WG1575329
1,2,3-Trichloropropane	ND		2.50	1	11/12/2020 17:17	WG1575329
1,2,4-Trimethylbenzene	ND		0.500	1	11/12/2020 17:17	WG1575329
1,2,3-Trimethylbenzene	ND		0.500	1	11/12/2020 17:17	WG1575329
1,3,5-Trimethylbenzene	ND		0.500	1	11/12/2020 17:17	WG1575329
Vinyl chloride	ND		0.500	1	11/12/2020 17:17	WG1575329
Xylenes, Total	ND		1.50	1	11/12/2020 17:17	WG1575329
(S) Toluene-d8	104		80.0-120		11/12/2020 17:17	WG1575329
(S) 4-Bromofluorobenzene	97.2		77.0-126		11/12/2020 17:17	WG1575329
(S) 1,2-Dichloroethane-d4	97.2		70.0-130		11/12/2020 17:17	WG1575329

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc



Method Blank (MB)

(MB) R3592566-3 11/11/20 22:53

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

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

Method Blank (MB)

(MB) R3592566-3 11/11/20 22:53

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
Tetrachloroethene	U		0.300	0.500
Toluene	U		0.278	0.500
1,1,2-Trichlorotrifluoroethane	U		0.180	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
1,2,3-Trimethylbenzene	U		0.104	0.500
1,2,4-Trimethylbenzene	U		0.322	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	98.5			80.0-120
(S) 4-Bromofluorobenzene	94.4			77.0-126
(S) 1,2-Dichloroethane-d4	91.4			70.0-130

1

Cp

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Tc

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Ss

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Gl

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Al

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Sc

Laboratory Control Sample (LCS)

(LCS) R3592566-1 11/11/20 21:48

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Acetone	25.0	36.1	144	19.0-160	
Acrolein	25.0	23.3	93.2	10.0-160	
Acrylonitrile	25.0	26.5	106	55.0-149	

Laboratory Control Sample (LCS)

(LCS) R3592566-1 11/11/20 21:48

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	<u>LCS Qualifier</u>
Benzene	5.00	5.64	113	70.0-123	
Bromobenzene	5.00	5.18	104	73.0-121	
Bromodichloromethane	5.00	5.40	108	75.0-120	
Bromoform	5.00	5.58	112	68.0-132	
Bromomethane	5.00	5.60	112	10.0-160	
n-Butylbenzene	5.00	5.44	109	73.0-125	
sec-Butylbenzene	5.00	5.51	110	75.0-125	
tert-Butylbenzene	5.00	5.68	114	76.0-124	
Carbon disulfide	5.00	6.17	123	61.0-128	
Carbon tetrachloride	5.00	5.25	105	68.0-126	
Chlorobenzene	5.00	5.38	108	80.0-121	
Chlorodibromomethane	5.00	5.38	108	77.0-125	
Chloroethane	5.00	5.50	110	47.0-150	
Chloroform	5.00	5.41	108	73.0-120	
Chloromethane	5.00	5.37	107	41.0-142	
2-Chlorotoluene	5.00	5.62	112	76.0-123	
4-Chlorotoluene	5.00	5.42	108	75.0-122	
1,2-Dibromo-3-Chloropropane	5.00	5.14	103	58.0-134	
1,2-Dibromoethane	5.00	5.19	104	80.0-122	
Dibromomethane	5.00	4.85	97.0	80.0-120	
1,2-Dichlorobenzene	5.00	5.30	106	79.0-121	
1,3-Dichlorobenzene	5.00	5.08	102	79.0-120	
1,4-Dichlorobenzene	5.00	5.44	109	79.0-120	
Dichlorodifluoromethane	5.00	5.61	112	51.0-149	
1,1-Dichloroethane	5.00	5.45	109	70.0-126	
1,2-Dichloroethane	5.00	5.12	102	70.0-128	
1,1-Dichloroethene	5.00	5.49	110	71.0-124	
cis-1,2-Dichloroethene	5.00	5.35	107	73.0-120	
trans-1,2-Dichloroethene	5.00	5.40	108	73.0-120	
1,2-Dichloropropane	5.00	5.51	110	77.0-125	
1,1-Dichloropropene	5.00	5.38	108	74.0-126	
1,3-Dichloropropane	5.00	5.43	109	80.0-120	
cis-1,3-Dichloropropene	5.00	5.39	108	80.0-123	
trans-1,3-Dichloropropene	5.00	5.34	107	78.0-124	
2,2-Dichloropropane	5.00	5.44	109	58.0-130	
Di-isopropyl ether	5.00	5.06	101	58.0-138	
Ethylbenzene	5.00	5.55	111	79.0-123	
Hexachloro-1,3-butadiene	5.00	5.24	105	54.0-138	
Isopropylbenzene	5.00	5.27	105	76.0-127	
p-Isopropyltoluene	5.00	5.51	110	76.0-125	

1

Cp

2

Tc

3

Ss

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Cn

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Sr

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Qc

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Gl

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Al

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Sc



Laboratory Control Sample (LCS)

(LCS) R3592566-1 11/11/20 21:48

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	<u>LCS Qualifier</u>
2-Butanone (MEK)	25.0	27.1	108	44.0-160	
Methylene Chloride	5.00	5.62	112	67.0-120	
4-Methyl-2-pentanone (MIBK)	25.0	26.1	104	68.0-142	
Methyl tert-butyl ether	5.00	5.06	101	68.0-125	
Naphthalene	5.00	5.21	104	54.0-135	
n-Propylbenzene	5.00	5.53	111	77.0-124	
Styrene	5.00	5.25	105	73.0-130	
1,1,1,2-Tetrachloroethane	5.00	5.21	104	75.0-125	
1,1,2,2-Tetrachloroethane	5.00	5.78	116	65.0-130	
Tetrachloroethene	5.00	5.62	112	72.0-132	
Toluene	5.00	5.20	104	79.0-120	
1,1,2-Trichlorotrifluoroethane	5.00	5.45	109	69.0-132	
1,2,3-Trichlorobenzene	5.00	5.17	103	50.0-138	
1,2,4-Trichlorobenzene	5.00	5.23	105	57.0-137	
1,1,1-Trichloroethane	5.00	5.81	116	73.0-124	
1,1,2-Trichloroethane	5.00	5.40	108	80.0-120	
Trichloroethene	5.00	5.26	105	78.0-124	
Trichlorofluoromethane	5.00	5.22	104	59.0-147	
1,2,3-Trichloropropane	5.00	5.00	100	73.0-130	
1,2,3-Trimethylbenzene	5.00	5.22	104	77.0-120	
1,2,4-Trimethylbenzene	5.00	5.14	103	76.0-121	
1,3,5-Trimethylbenzene	5.00	5.45	109	76.0-122	
Vinyl chloride	5.00	5.63	113	67.0-131	
Xylenes, Total	15.0	16.3	109	79.0-123	
(S) Toluene-d8			96.9	80.0-120	
(S) 4-Bromofluorobenzene			94.4	77.0-126	
(S) 1,2-Dichloroethane-d4			94.9	70.0-130	

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Method Blank (MB)

(MB) R3592939-2 11/12/20 10:12

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) R3592939-2 11/12/20 10:12

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	106			80.0-120
(S) 4-Bromofluorobenzene	96.5			77.0-126
(S) 1,2-Dichloroethane-d4	93.7			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) R3592939-1 11/12/20 09:31

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Acetone	25.0	24.5	98.0	19.0-160	
Acrolein	25.0	31.6	126	10.0-160	
Acrylonitrile	25.0	33.5	134	55.0-149	

[L1282223-06,07,08,09,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25](#)

Laboratory Control Sample (LCS)

(LCS) R3592939-1 11/12/20 09:31

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	<u>LCS Qualifier</u>
Benzene	5.00	5.96	119	70.0-123	
Bromobenzene	5.00	5.31	106	73.0-121	
Bromodichloromethane	5.00	5.18	104	75.0-120	
Bromoform	5.00	4.14	82.8	68.0-132	
Bromomethane	5.00	4.27	85.4	10.0-160	
n-Butylbenzene	5.00	5.10	102	73.0-125	
sec-Butylbenzene	5.00	5.16	103	75.0-125	
tert-Butylbenzene	5.00	5.06	101	76.0-124	
Carbon disulfide	5.00	5.67	113	61.0-128	
Carbon tetrachloride	5.00	4.33	86.6	68.0-126	
Chlorobenzene	5.00	5.38	108	80.0-121	
Chlorodibromomethane	5.00	4.54	90.8	77.0-125	
Chloroethane	5.00	4.99	99.8	47.0-150	
Chloroform	5.00	5.32	106	73.0-120	
Chloromethane	5.00	5.32	106	41.0-142	
2-Chlorotoluene	5.00	5.20	104	76.0-123	
4-Chlorotoluene	5.00	5.23	105	75.0-122	
1,2-Dibromo-3-Chloropropane	5.00	4.50	90.0	58.0-134	
1,2-Dibromoethane	5.00	5.32	106	80.0-122	
Dibromomethane	5.00	5.34	107	80.0-120	
1,2-Dichlorobenzene	5.00	5.29	106	79.0-121	
1,3-Dichlorobenzene	5.00	5.13	103	79.0-120	
1,4-Dichlorobenzene	5.00	5.22	104	79.0-120	
Dichlorodifluoromethane	5.00	7.16	143	51.0-149	
1,1-Dichloroethane	5.00	5.88	118	70.0-126	
1,2-Dichloroethane	5.00	5.21	104	70.0-128	
1,1-Dichloroethene	5.00	5.35	107	71.0-124	
cis-1,2-Dichloroethene	5.00	5.30	106	73.0-120	
trans-1,2-Dichloroethene	5.00	5.39	108	73.0-120	
1,2-Dichloropropane	5.00	6.01	120	77.0-125	
1,1-Dichloropropene	5.00	5.78	116	74.0-126	
1,3-Dichloropropane	5.00	5.76	115	80.0-120	
cis-1,3-Dichloropropene	5.00	5.17	103	80.0-123	
trans-1,3-Dichloropropene	5.00	5.07	101	78.0-124	
2,2-Dichloropropane	5.00	5.46	109	58.0-130	
Di-isopropyl ether	5.00	6.11	122	58.0-138	
Ethylbenzene	5.00	5.38	108	79.0-123	
Hexachloro-1,3-butadiene	5.00	5.23	105	54.0-138	
Isopropylbenzene	5.00	5.01	100	76.0-127	
p-Isopropyltoluene	5.00	5.05	101	76.0-125	

1

Cp

2

Tc

3

Ss

4

Cn

5

Sr

6

Qc

7

Gl

8

Al

9

Sc



Laboratory Control Sample (LCS)

(LCS) R3592939-1 11/12/20 09:31

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	<u>LCS Qualifier</u>
2-Butanone (MEK)	25.0	30.1	120	44.0-160	
Methylene Chloride	5.00	6.44	129	67.0-120	J4
4-Methyl-2-pentanone (MIBK)	25.0	30.7	123	68.0-142	
Methyl tert-butyl ether	5.00	5.54	111	68.0-125	
Naphthalene	5.00	4.37	87.4	54.0-135	
n-Propylbenzene	5.00	5.35	107	77.0-124	
Styrene	5.00	5.09	102	73.0-130	
1,1,1,2-Tetrachloroethane	5.00	4.96	99.2	75.0-125	
1,1,2,2-Tetrachloroethane	5.00	5.86	117	65.0-130	
1,1,2-Trichlorotrifluoroethane	5.00	5.29	106	69.0-132	
Tetrachloroethene	5.00	5.54	111	72.0-132	
Toluene	5.00	5.55	111	79.0-120	
1,2,3-Trichlorobenzene	5.00	4.24	84.8	50.0-138	
1,2,4-Trichlorobenzene	5.00	4.92	98.4	57.0-137	
1,1,1-Trichloroethane	5.00	4.93	98.6	73.0-124	
1,1,2-Trichloroethane	5.00	5.39	108	80.0-120	
Trichloroethene	5.00	5.28	106	78.0-124	
Trichlorofluoromethane	5.00	4.83	96.6	59.0-147	
1,2,3-Trichloropropane	5.00	5.50	110	73.0-130	
1,2,4-Trimethylbenzene	5.00	5.25	105	76.0-121	
1,2,3-Trimethylbenzene	5.00	5.14	103	77.0-120	
1,3,5-Trimethylbenzene	5.00	5.23	105	76.0-122	
Vinyl chloride	5.00	6.34	127	67.0-131	
Xylenes, Total	15.0	16.0	107	79.0-123	
(S) Toluene-d8			105	80.0-120	
(S) 4-Bromofluorobenzene			97.2	77.0-126	
(S) 1,2-Dichloroethane-d4			97.1	70.0-130	

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc



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

C3	The reported concentration is an estimate. The continuing calibration standard associated with this data responded low. Method sensitivity check is acceptable.
C5	The reported concentration is an estimate. The continuing calibration standard associated with this data responded high. Data is likely to show a high bias concerning the result.
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

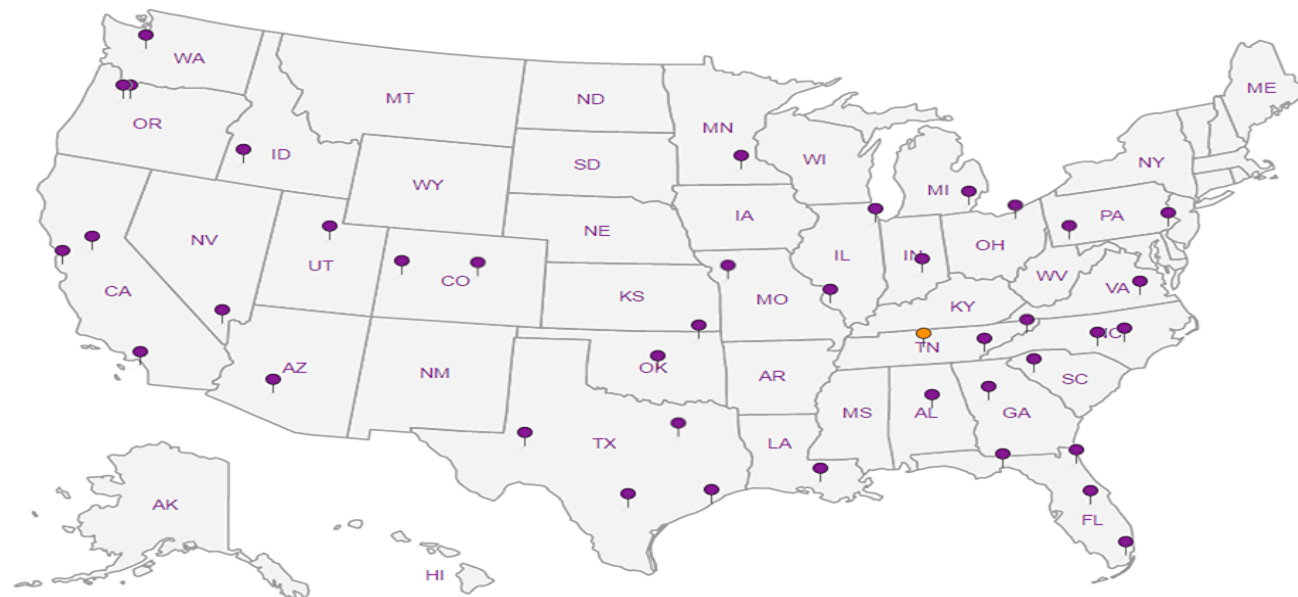
Third Party Federal Accreditations

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.



NCE / Q

Cascade Corporation- Fairview, OR

2201 NE 201st Avenue
Fairview, OR 97024-9718

Billing Information:

Accounts Payable
P.O. Box 20187
Portland, OR 97294-0187

Pres
Chk

Analysis / Container / Preservative

Chain of Custody Page 2 of 3



12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859



Report to:
Cindy Bartlett

Email To:
CBartlett@Geosyntec.com;bwebb@Geosyntec.c

Project Description:
Cascadia TSA

City/State
Collected: Fairview OR.

Please Circle:
PT MT CT ET

Phone: 503-669-6286

Client Project #
PNG0564S20

Lab Project #
CASCORFOR-PNG0564

Collected by (print):
PAT YADON / MIKE TAYLOR

Site/Facility ID #

P.O. #

Collected by (signature):
[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 * STANDARD

Date Results Needed

No.
of
Cntrs

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	Cntrs
-----------	-----------	----------	-------	------	------	-------

CMW1825-110420-DUP		GW		11/4/20	10:46	3
CMW1925-110420		GW		11/4/20	11:00	3
VMWA-110420		GW		11/4/20	12:35	3
VMWB-110420		GW		11/4/20	13:30	3
VMWC-110420		GW		11/4/20	13:00	3
VMWD-110420		GW		11/4/20	13:46	3
VMWE-110420		GW		11/4/20	15:10	3
VMWF-110420		GW		11/4/20	14:33	3
VMWG-110420		GW		11/4/20	14:10	3
VMWH-110420		GW		11/4/20	13:15	3

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other

Remarks:
* Trip Blank in Cooler LOT # 454

pH _____ Temp _____
Flow _____ Other _____

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

Samples returned via:
UPS FedEx Courier

Tracking #

Relinquished by: (Signature)

Date:
11/4/20

Time:
16:00

Received by: (Signature)

Trip Blank Received: Yes / No
HCL/ MeOH
TBR

Relinquished by: (Signature)

Date:

Time:

Received by: (Signature)

Temp: 6.0-20.5°C
Bottles Received: 72

If preservation required by Login: Date/Time

Relinquished by: (Signature)

Date:

Time:

Received for lab by: (Signature)

Date: 11/5
Time: 0500

Hold:

Condition:
NCF / OK

Cascade Corporation- Fairview, OR

2201 NE 201st Avenue
Fairview, OR 97024-9718

Billing Information:

Accounts Payable
P.O. Box 20187
Portland, OR 97294-0187

Pres
Chk

Analysis / Container / Preservative

Chain of Custody

Page 3 of 3



12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859



Report to:
Cindy Bartlett

Email To:
CBartlett@Geosyntec.com; bwebb@Geosyntec.c

Project Description:
Cascadia TSA CTS

City/State
Collected: Fairview OR

Please Circle:
PT MT CT ET

Phone: 503-669-6286

Client Project #
PNG0564S20

Lab Project #
CASCORFOR-PNG0564

Collected by (print):
Pat Yaden Mike Taylor

Site/Facility ID #

P.O. #

Collected by (signature):
Pat Yaden Mike Taylor

Rush? (Lab MUST Be Notified)

Quote #

Immediately
Packed on Ice N ☐ Y ☒

☐ Same Day ☐ Five Day
☐ Next Day ☐ 5 Day (Rad Only)
☐ Two Day ☐ 10 Day (Rad Only)
☐ Three Day

Date Results Needed

No.
of
Cntrs

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs
TS-C-EFF-110420		GW		11/4/20	8:15	3
TS-C-EFF-110420-DUP		GW		11/4/20	8:16	3
TS-C-INF-110420		GW		11/4/20	8:25	3
Trip Blank Lot # 454		GW		11/4/20	NA	1
CMW-1005		GW		11/4/20	11:30	3
		GW				
		GW				
		GW				
		GW				
		GW				

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other

Remarks:

pH _____ Temp _____
Flow _____ Other _____

Samples returned via:
☐ UPS ☐ FedEx ☐ Courier

Tracking #

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

Relinquished by: (Signature)

Date:

Time:

Received by: (Signature)

Trip Blank Received: Yes / No
HCL / MeOH
TBR

Relinquished by: (Signature)

Date:

Time:

Received by: (Signature)

Temp: ☒ °C Bottles Received: 72

If preservation required by Login: Date/Time

Relinquished by: (Signature)

Date:

Time:

Received for lab by: (Signature)

Date: 11/5 Time: 0500

Hold:

Condition:
NCF / ☒ OK