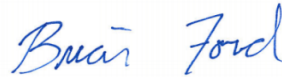


Cascade Corporation- Fairview, OR

Sample Delivery Group: L1313450
Samples Received: 02/03/2021
Project Number: NG0564S20
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.

Pace Analytical National

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



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¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

SAMPLE SUMMARY

ONE LAB. NATIONWIDE.



EW2-020221 L1313450-01 GW

				Collected by Pat Yadon	Collected date/time 02/02/21 08:00	Received date/time 02/03/21 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1616659	1	02/04/21 19:22	02/04/21 19:22	ADM	Mt. Juliet, TN

¹ Cp

² Tc

³ Ss

EW14-020221 L1313450-02 GW

				Collected by Pat Yadon	Collected date/time 02/02/21 08:15	Received date/time 02/03/21 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1616659	1	02/04/21 19:43	02/04/21 19:43	ADM	Mt. Juliet, TN

⁴ Cn

⁵ Sr

EW23-020221 L1313450-03 GW

				Collected by Pat Yadon	Collected date/time 02/02/21 08:22	Received date/time 02/03/21 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1616659	1	02/04/21 20:05	02/04/21 20:05	ADM	Mt. Juliet, TN

⁶ Qc

⁷ Gl

EW1-020221 L1313450-04 GW

				Collected by Pat Yadon	Collected date/time 02/02/21 08:55	Received date/time 02/03/21 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1616659	1	02/04/21 20:27	02/04/21 20:27	ADM	Mt. Juliet, TN

⁸ Al

⁹ Sc

EW16-020221 L1313450-05 GW

				Collected by Pat Yadon	Collected date/time 02/02/21 09:40	Received date/time 02/03/21 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1616659	1	02/04/21 20:48	02/04/21 20:48	ADM	Mt. Juliet, TN

CMW17DS-020221 L1313450-06 GW

				Collected by Pat Yadon	Collected date/time 02/02/21 09:50	Received date/time 02/03/21 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1616659	1	02/04/21 21:10	02/04/21 21:10	ADM	Mt. Juliet, TN

CMW17DS-020221 L1313450-07 GW

				Collected by Pat Yadon	Collected date/time 02/02/21 09:51	Received date/time 02/03/21 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1616659	1	02/04/21 21:32	02/04/21 21:32	ADM	Mt. Juliet, TN

D17DS-020221 L1313450-08 GW

				Collected by Pat Yadon	Collected date/time 02/02/21 10:00	Received date/time 02/03/21 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1616659	1	02/04/21 21:54	02/04/21 21:54	ADM	Mt. Juliet, TN

ACCOUNT:

Cascade Corporation- Fairview, OR

PROJECT:

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L1313450

DATE/TIME:

02/09/21 11:39

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SAMPLE SUMMARY

ONE LAB. NATIONWIDE.



D17DG-020221 L1313450-09 GW

				Collected by Pat Yadon	Collected date/time 02/02/21 10:10	Received date/time 02/03/21 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1616659	1	02/04/21 22:15	02/04/21 22:15	ADM	Mt. Juliet, TN

¹ Cp

² Tc

³ Ss

EW12-020221 L1313450-10 GW

				Collected by Pat Yadon	Collected date/time 02/02/21 10:25	Received date/time 02/03/21 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1616659	1	02/04/21 22:37	02/04/21 22:37	ADM	Mt. Juliet, TN

⁴ Cn

⁵ Sr

CMW14RDS-020221 L1313450-11 GW

				Collected by Pat Yadon	Collected date/time 02/02/21 10:52	Received date/time 02/03/21 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1616659	1	02/04/21 22:58	02/04/21 22:58	ADM	Mt. Juliet, TN

⁶ Qc

⁷ Gl

CMW18DS-020221 L1313450-12 GW

				Collected by Pat Yadon	Collected date/time 02/02/21 10:40	Received date/time 02/03/21 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1616659	1	02/04/21 23:48	02/04/21 23:48	ADM	Mt. Juliet, TN

⁸ Al

⁹ Sc

CMW18DS-020221-DUP L1313450-13 GW

				Collected by Pat Yadon	Collected date/time 02/02/21 10:41	Received date/time 02/03/21 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1616659	1	02/05/21 00:10	02/05/21 00:10	ADM	Mt. Juliet, TN

CMW25DG-020221 L1313450-14 GW

				Collected by Pat Yadon	Collected date/time 02/02/21 11:18	Received date/time 02/03/21 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1616659	1	02/05/21 00:32	02/05/21 00:32	ADM	Mt. Juliet, TN

CMW19DS-020221 L1313450-15 GW

				Collected by Pat Yadon	Collected date/time 02/02/21 12:00	Received date/time 02/03/21 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1616659	1	02/05/21 00:54	02/05/21 00:54	ADM	Mt. Juliet, TN

CMW10DS-020221 L1313450-16 GW

				Collected by Pat Yadon	Collected date/time 02/02/21 12:20	Received date/time 02/03/21 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1616659	1	02/05/21 01:15	02/05/21 01:15	ADM	Mt. Juliet, TN

ACCOUNT:

Cascade Corporation- Fairview, OR

PROJECT:

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SAMPLE SUMMARY

ONE LAB. NATIONWIDE.



TRIP BLANK LOT# 460 L1313450-17 GW

Collected by
Pat Yadon

Collected date/time
02/02/21 00:00

Received date/time
02/03/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1617115	1	02/07/21 10:03	02/07/21 10:03	ADM	Mt. Juliet, TN

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

ACCOUNT:

Cascade Corporation- Fairview, OR

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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	C3	25.0	1	02/04/2021 19:22	WG1616659
Acrolein	ND		50.0	1	02/04/2021 19:22	WG1616659
Acrylonitrile	ND		5.00	1	02/04/2021 19:22	WG1616659
Benzene	ND		0.500	1	02/04/2021 19:22	WG1616659
Bromobenzene	ND		0.500	1	02/04/2021 19:22	WG1616659
Bromodichloromethane	ND		0.500	1	02/04/2021 19:22	WG1616659
Bromoform	ND		0.500	1	02/04/2021 19:22	WG1616659
Bromomethane	ND		2.50	1	02/04/2021 19:22	WG1616659
n-Butylbenzene	ND		0.500	1	02/04/2021 19:22	WG1616659
sec-Butylbenzene	ND		0.500	1	02/04/2021 19:22	WG1616659
tert-Butylbenzene	ND		0.500	1	02/04/2021 19:22	WG1616659
Carbon disulfide	ND		0.500	1	02/04/2021 19:22	WG1616659
Carbon tetrachloride	ND		0.500	1	02/04/2021 19:22	WG1616659
Chlorobenzene	ND		0.500	1	02/04/2021 19:22	WG1616659
Chlorodibromomethane	ND		0.500	1	02/04/2021 19:22	WG1616659
Chloroethane	ND		2.50	1	02/04/2021 19:22	WG1616659
Chloroform	ND		0.500	1	02/04/2021 19:22	WG1616659
Chloromethane	ND		1.25	1	02/04/2021 19:22	WG1616659
2-Chlorotoluene	ND		0.500	1	02/04/2021 19:22	WG1616659
4-Chlorotoluene	ND		0.500	1	02/04/2021 19:22	WG1616659
1,2-Dibromo-3-Chloropropane	ND		2.50	1	02/04/2021 19:22	WG1616659
1,2-Dibromoethane	ND		0.500	1	02/04/2021 19:22	WG1616659
Dibromomethane	ND		0.500	1	02/04/2021 19:22	WG1616659
1,2-Dichlorobenzene	ND		0.500	1	02/04/2021 19:22	WG1616659
1,3-Dichlorobenzene	ND		0.500	1	02/04/2021 19:22	WG1616659
1,4-Dichlorobenzene	ND		0.500	1	02/04/2021 19:22	WG1616659
Dichlorodifluoromethane	ND		2.50	1	02/04/2021 19:22	WG1616659
1,1-Dichloroethane	ND		0.500	1	02/04/2021 19:22	WG1616659
1,2-Dichloroethane	ND		0.500	1	02/04/2021 19:22	WG1616659
1,1-Dichloroethene	ND		0.500	1	02/04/2021 19:22	WG1616659
cis-1,2-Dichloroethene	0.797		0.500	1	02/04/2021 19:22	WG1616659
trans-1,2-Dichloroethene	ND		0.500	1	02/04/2021 19:22	WG1616659
1,2-Dichloropropane	ND		0.500	1	02/04/2021 19:22	WG1616659
1,1-Dichloropropene	ND		0.500	1	02/04/2021 19:22	WG1616659
1,3-Dichloropropane	ND		1.00	1	02/04/2021 19:22	WG1616659
cis-1,3-Dichloropropene	ND		0.500	1	02/04/2021 19:22	WG1616659
trans-1,3-Dichloropropene	ND		0.500	1	02/04/2021 19:22	WG1616659
2,2-Dichloropropane	ND		0.500	1	02/04/2021 19:22	WG1616659
Di-isopropyl ether	ND	C3	0.500	1	02/04/2021 19:22	WG1616659
Ethylbenzene	ND		0.500	1	02/04/2021 19:22	WG1616659
Hexachloro-1,3-butadiene	ND		1.00	1	02/04/2021 19:22	WG1616659
Isopropylbenzene	ND		0.500	1	02/04/2021 19:22	WG1616659
p-Isopropyltoluene	ND		0.500	1	02/04/2021 19:22	WG1616659
2-Butanone (MEK)	ND	C3	5.00	1	02/04/2021 19:22	WG1616659
Methylene Chloride	ND		2.50	1	02/04/2021 19:22	WG1616659
4-Methyl-2-pentanone (MIBK)	ND	C3 J4	5.00	1	02/04/2021 19:22	WG1616659
Methyl tert-butyl ether	ND		0.500	1	02/04/2021 19:22	WG1616659
Naphthalene	ND		2.50	1	02/04/2021 19:22	WG1616659
n-Propylbenzene	ND		0.500	1	02/04/2021 19:22	WG1616659
Styrene	ND		0.500	1	02/04/2021 19:22	WG1616659
1,1,1,2-Tetrachloroethane	ND		0.500	1	02/04/2021 19:22	WG1616659
1,1,2,2-Tetrachloroethane	ND		0.500	1	02/04/2021 19:22	WG1616659
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	02/04/2021 19:22	WG1616659
Tetrachloroethene	0.731	C5	0.500	1	02/04/2021 19:22	WG1616659
Toluene	ND		0.500	1	02/04/2021 19:22	WG1616659
1,2,3-Trichlorobenzene	ND		0.500	1	02/04/2021 19:22	WG1616659

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Collected date/time: 02/02/21 08:00

L1313450

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	02/04/2021 19:22	WG1616659
1,1,1-Trichloroethane	ND		0.500	1	02/04/2021 19:22	WG1616659
1,1,2-Trichloroethane	ND		0.500	1	02/04/2021 19:22	WG1616659
Trichloroethene	8.06		0.500	1	02/04/2021 19:22	WG1616659
Trichlorofluoromethane	ND		2.50	1	02/04/2021 19:22	WG1616659
1,2,3-Trichloropropane	ND		2.50	1	02/04/2021 19:22	WG1616659
1,2,4-Trimethylbenzene	ND		0.500	1	02/04/2021 19:22	WG1616659
1,2,3-Trimethylbenzene	ND		0.500	1	02/04/2021 19:22	WG1616659
1,3,5-Trimethylbenzene	ND		0.500	1	02/04/2021 19:22	WG1616659
Vinyl chloride	ND		0.500	1	02/04/2021 19:22	WG1616659
Xylenes, Total	ND		1.50	1	02/04/2021 19:22	WG1616659
(S) Toluene-d8	100		80.0-120		02/04/2021 19:22	WG1616659
(S) 4-Bromofluorobenzene	91.1		77.0-126		02/04/2021 19:22	WG1616659
(S) 1,2-Dichloroethane-d4	90.3		70.0-130		02/04/2021 19:22	WG1616659

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	C3	25.0	1	02/04/2021 19:43	WG1616659
Acrolein	ND		50.0	1	02/04/2021 19:43	WG1616659
Acrylonitrile	ND		5.00	1	02/04/2021 19:43	WG1616659
Benzene	ND		0.500	1	02/04/2021 19:43	WG1616659
Bromobenzene	ND		0.500	1	02/04/2021 19:43	WG1616659
Bromodichloromethane	ND		0.500	1	02/04/2021 19:43	WG1616659
Bromoform	ND		0.500	1	02/04/2021 19:43	WG1616659
Bromomethane	ND		2.50	1	02/04/2021 19:43	WG1616659
n-Butylbenzene	ND		0.500	1	02/04/2021 19:43	WG1616659
sec-Butylbenzene	ND		0.500	1	02/04/2021 19:43	WG1616659
tert-Butylbenzene	ND		0.500	1	02/04/2021 19:43	WG1616659
Carbon disulfide	ND		0.500	1	02/04/2021 19:43	WG1616659
Carbon tetrachloride	ND		0.500	1	02/04/2021 19:43	WG1616659
Chlorobenzene	ND		0.500	1	02/04/2021 19:43	WG1616659
Chlorodibromomethane	ND		0.500	1	02/04/2021 19:43	WG1616659
Chloroethane	ND		2.50	1	02/04/2021 19:43	WG1616659
Chloroform	ND		0.500	1	02/04/2021 19:43	WG1616659
Chloromethane	ND		1.25	1	02/04/2021 19:43	WG1616659
2-Chlorotoluene	ND		0.500	1	02/04/2021 19:43	WG1616659
4-Chlorotoluene	ND		0.500	1	02/04/2021 19:43	WG1616659
1,2-Dibromo-3-Chloropropane	ND		2.50	1	02/04/2021 19:43	WG1616659
1,2-Dibromoethane	ND		0.500	1	02/04/2021 19:43	WG1616659
Dibromomethane	ND		0.500	1	02/04/2021 19:43	WG1616659
1,2-Dichlorobenzene	ND		0.500	1	02/04/2021 19:43	WG1616659
1,3-Dichlorobenzene	ND		0.500	1	02/04/2021 19:43	WG1616659
1,4-Dichlorobenzene	ND		0.500	1	02/04/2021 19:43	WG1616659
Dichlorodifluoromethane	ND		2.50	1	02/04/2021 19:43	WG1616659
1,1-Dichloroethane	ND		0.500	1	02/04/2021 19:43	WG1616659
1,2-Dichloroethane	ND		0.500	1	02/04/2021 19:43	WG1616659
1,1-Dichloroethene	ND		0.500	1	02/04/2021 19:43	WG1616659
cis-1,2-Dichloroethene	0.753		0.500	1	02/04/2021 19:43	WG1616659
trans-1,2-Dichloroethene	ND		0.500	1	02/04/2021 19:43	WG1616659
1,2-Dichloropropane	ND		0.500	1	02/04/2021 19:43	WG1616659
1,1-Dichloropropene	ND		0.500	1	02/04/2021 19:43	WG1616659
1,3-Dichloropropane	ND		1.00	1	02/04/2021 19:43	WG1616659
cis-1,3-Dichloropropene	ND		0.500	1	02/04/2021 19:43	WG1616659
trans-1,3-Dichloropropene	ND		0.500	1	02/04/2021 19:43	WG1616659
2,2-Dichloropropane	ND		0.500	1	02/04/2021 19:43	WG1616659
Di-isopropyl ether	ND	C3	0.500	1	02/04/2021 19:43	WG1616659
Ethylbenzene	ND		0.500	1	02/04/2021 19:43	WG1616659
Hexachloro-1,3-butadiene	ND		1.00	1	02/04/2021 19:43	WG1616659
Isopropylbenzene	ND		0.500	1	02/04/2021 19:43	WG1616659
p-Isopropyltoluene	ND		0.500	1	02/04/2021 19:43	WG1616659
2-Butanone (MEK)	ND	C3	5.00	1	02/04/2021 19:43	WG1616659
Methylene Chloride	ND		2.50	1	02/04/2021 19:43	WG1616659
4-Methyl-2-pentanone (MIBK)	ND	C3 J4	5.00	1	02/04/2021 19:43	WG1616659
Methyl tert-butyl ether	ND		0.500	1	02/04/2021 19:43	WG1616659
Naphthalene	ND		2.50	1	02/04/2021 19:43	WG1616659
n-Propylbenzene	ND		0.500	1	02/04/2021 19:43	WG1616659
Styrene	ND		0.500	1	02/04/2021 19:43	WG1616659
1,1,1,2-Tetrachloroethane	ND		0.500	1	02/04/2021 19:43	WG1616659
1,1,2,2-Tetrachloroethane	ND		0.500	1	02/04/2021 19:43	WG1616659
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	02/04/2021 19:43	WG1616659
Tetrachloroethene	ND		0.500	1	02/04/2021 19:43	WG1616659
Toluene	ND		0.500	1	02/04/2021 19:43	WG1616659
1,2,3-Trichlorobenzene	ND		0.500	1	02/04/2021 19:43	WG1616659

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	02/04/2021 19:43	WG1616659
1,1,1-Trichloroethane	ND		0.500	1	02/04/2021 19:43	WG1616659
1,1,2-Trichloroethane	ND		0.500	1	02/04/2021 19:43	WG1616659
Trichloroethene	5.19		0.500	1	02/04/2021 19:43	WG1616659
Trichlorofluoromethane	ND		2.50	1	02/04/2021 19:43	WG1616659
1,2,3-Trichloropropane	ND		2.50	1	02/04/2021 19:43	WG1616659
1,2,4-Trimethylbenzene	ND		0.500	1	02/04/2021 19:43	WG1616659
1,2,3-Trimethylbenzene	ND		0.500	1	02/04/2021 19:43	WG1616659
1,3,5-Trimethylbenzene	ND		0.500	1	02/04/2021 19:43	WG1616659
Vinyl chloride	ND		0.500	1	02/04/2021 19:43	WG1616659
Xylenes, Total	ND		1.50	1	02/04/2021 19:43	WG1616659
(S) Toluene-d8	102		80.0-120		02/04/2021 19:43	WG1616659
(S) 4-Bromofluorobenzene	90.9		77.0-126		02/04/2021 19:43	WG1616659
(S) 1,2-Dichloroethane-d4	91.0		70.0-130		02/04/2021 19:43	WG1616659

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	C3	25.0	1	02/04/2021 20:05	WG1616659
Acrolein	ND		50.0	1	02/04/2021 20:05	WG1616659
Acrylonitrile	ND		5.00	1	02/04/2021 20:05	WG1616659
Benzene	ND		0.500	1	02/04/2021 20:05	WG1616659
Bromobenzene	ND		0.500	1	02/04/2021 20:05	WG1616659
Bromodichloromethane	ND		0.500	1	02/04/2021 20:05	WG1616659
Bromoform	ND		0.500	1	02/04/2021 20:05	WG1616659
Bromomethane	ND		2.50	1	02/04/2021 20:05	WG1616659
n-Butylbenzene	ND		0.500	1	02/04/2021 20:05	WG1616659
sec-Butylbenzene	ND		0.500	1	02/04/2021 20:05	WG1616659
tert-Butylbenzene	ND		0.500	1	02/04/2021 20:05	WG1616659
Carbon disulfide	ND		0.500	1	02/04/2021 20:05	WG1616659
Carbon tetrachloride	ND		0.500	1	02/04/2021 20:05	WG1616659
Chlorobenzene	ND		0.500	1	02/04/2021 20:05	WG1616659
Chlorodibromomethane	ND		0.500	1	02/04/2021 20:05	WG1616659
Chloroethane	ND		2.50	1	02/04/2021 20:05	WG1616659
Chloroform	0.732		0.500	1	02/04/2021 20:05	WG1616659
Chloromethane	ND		1.25	1	02/04/2021 20:05	WG1616659
2-Chlorotoluene	ND		0.500	1	02/04/2021 20:05	WG1616659
4-Chlorotoluene	ND		0.500	1	02/04/2021 20:05	WG1616659
1,2-Dibromo-3-Chloropropane	ND		2.50	1	02/04/2021 20:05	WG1616659
1,2-Dibromoethane	ND		0.500	1	02/04/2021 20:05	WG1616659
Dibromomethane	ND		0.500	1	02/04/2021 20:05	WG1616659
1,2-Dichlorobenzene	ND		0.500	1	02/04/2021 20:05	WG1616659
1,3-Dichlorobenzene	ND		0.500	1	02/04/2021 20:05	WG1616659
1,4-Dichlorobenzene	ND		0.500	1	02/04/2021 20:05	WG1616659
Dichlorodifluoromethane	ND		2.50	1	02/04/2021 20:05	WG1616659
1,1-Dichloroethane	ND		0.500	1	02/04/2021 20:05	WG1616659
1,2-Dichloroethane	ND		0.500	1	02/04/2021 20:05	WG1616659
1,1-Dichloroethene	ND		0.500	1	02/04/2021 20:05	WG1616659
cis-1,2-Dichloroethene	ND		0.500	1	02/04/2021 20:05	WG1616659
trans-1,2-Dichloroethene	ND		0.500	1	02/04/2021 20:05	WG1616659
1,2-Dichloropropane	ND		0.500	1	02/04/2021 20:05	WG1616659
1,1-Dichloropropene	ND		0.500	1	02/04/2021 20:05	WG1616659
1,3-Dichloropropane	ND		1.00	1	02/04/2021 20:05	WG1616659
cis-1,3-Dichloropropene	ND		0.500	1	02/04/2021 20:05	WG1616659
trans-1,3-Dichloropropene	ND		0.500	1	02/04/2021 20:05	WG1616659
2,2-Dichloropropane	ND		0.500	1	02/04/2021 20:05	WG1616659
Di-isopropyl ether	ND	C3	0.500	1	02/04/2021 20:05	WG1616659
Ethylbenzene	ND		0.500	1	02/04/2021 20:05	WG1616659
Hexachloro-1,3-butadiene	ND		1.00	1	02/04/2021 20:05	WG1616659
Isopropylbenzene	ND		0.500	1	02/04/2021 20:05	WG1616659
p-Isopropyltoluene	ND		0.500	1	02/04/2021 20:05	WG1616659
2-Butanone (MEK)	ND	C3	5.00	1	02/04/2021 20:05	WG1616659
Methylene Chloride	ND		2.50	1	02/04/2021 20:05	WG1616659
4-Methyl-2-pentanone (MIBK)	ND	C3 J4	5.00	1	02/04/2021 20:05	WG1616659
Methyl tert-butyl ether	ND		0.500	1	02/04/2021 20:05	WG1616659
Naphthalene	ND		2.50	1	02/04/2021 20:05	WG1616659
n-Propylbenzene	ND		0.500	1	02/04/2021 20:05	WG1616659
Styrene	ND		0.500	1	02/04/2021 20:05	WG1616659
1,1,1,2-Tetrachloroethane	ND		0.500	1	02/04/2021 20:05	WG1616659
1,1,2,2-Tetrachloroethane	ND		0.500	1	02/04/2021 20:05	WG1616659
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	02/04/2021 20:05	WG1616659
Tetrachloroethene	ND		0.500	1	02/04/2021 20:05	WG1616659
Toluene	ND		0.500	1	02/04/2021 20:05	WG1616659
1,2,3-Trichlorobenzene	ND		0.500	1	02/04/2021 20:05	WG1616659

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Collected date/time: 02/02/21 08:22

L1313450

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	02/04/2021 20:05	WG1616659
1,1,1-Trichloroethane	ND		0.500	1	02/04/2021 20:05	WG1616659
1,1,2-Trichloroethane	ND		0.500	1	02/04/2021 20:05	WG1616659
Trichloroethene	1.33		0.500	1	02/04/2021 20:05	WG1616659
Trichlorofluoromethane	ND		2.50	1	02/04/2021 20:05	WG1616659
1,2,3-Trichloropropane	ND		2.50	1	02/04/2021 20:05	WG1616659
1,2,4-Trimethylbenzene	ND		0.500	1	02/04/2021 20:05	WG1616659
1,2,3-Trimethylbenzene	ND		0.500	1	02/04/2021 20:05	WG1616659
1,3,5-Trimethylbenzene	ND		0.500	1	02/04/2021 20:05	WG1616659
Vinyl chloride	ND		0.500	1	02/04/2021 20:05	WG1616659
Xylenes, Total	ND		1.50	1	02/04/2021 20:05	WG1616659
(S) Toluene-d8	101		80.0-120		02/04/2021 20:05	WG1616659
(S) 4-Bromofluorobenzene	91.3		77.0-126		02/04/2021 20:05	WG1616659
(S) 1,2-Dichloroethane-d4	92.9		70.0-130		02/04/2021 20:05	WG1616659

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	C3	25.0	1	02/04/2021 20:27	WG1616659
Acrolein	ND		50.0	1	02/04/2021 20:27	WG1616659
Acrylonitrile	ND		5.00	1	02/04/2021 20:27	WG1616659
Benzene	ND		0.500	1	02/04/2021 20:27	WG1616659
Bromobenzene	ND		0.500	1	02/04/2021 20:27	WG1616659
Bromodichloromethane	ND		0.500	1	02/04/2021 20:27	WG1616659
Bromoform	ND		0.500	1	02/04/2021 20:27	WG1616659
Bromomethane	ND		2.50	1	02/04/2021 20:27	WG1616659
n-Butylbenzene	ND		0.500	1	02/04/2021 20:27	WG1616659
sec-Butylbenzene	ND		0.500	1	02/04/2021 20:27	WG1616659
tert-Butylbenzene	ND		0.500	1	02/04/2021 20:27	WG1616659
Carbon disulfide	ND		0.500	1	02/04/2021 20:27	WG1616659
Carbon tetrachloride	ND		0.500	1	02/04/2021 20:27	WG1616659
Chlorobenzene	ND		0.500	1	02/04/2021 20:27	WG1616659
Chlorodibromomethane	ND		0.500	1	02/04/2021 20:27	WG1616659
Chloroethane	ND		2.50	1	02/04/2021 20:27	WG1616659
Chloroform	ND		0.500	1	02/04/2021 20:27	WG1616659
Chloromethane	ND		1.25	1	02/04/2021 20:27	WG1616659
2-Chlorotoluene	ND		0.500	1	02/04/2021 20:27	WG1616659
4-Chlorotoluene	ND		0.500	1	02/04/2021 20:27	WG1616659
1,2-Dibromo-3-Chloropropane	ND		2.50	1	02/04/2021 20:27	WG1616659
1,2-Dibromoethane	ND		0.500	1	02/04/2021 20:27	WG1616659
Dibromomethane	ND		0.500	1	02/04/2021 20:27	WG1616659
1,2-Dichlorobenzene	ND		0.500	1	02/04/2021 20:27	WG1616659
1,3-Dichlorobenzene	ND		0.500	1	02/04/2021 20:27	WG1616659
1,4-Dichlorobenzene	ND		0.500	1	02/04/2021 20:27	WG1616659
Dichlorodifluoromethane	ND		2.50	1	02/04/2021 20:27	WG1616659
1,1-Dichloroethane	ND		0.500	1	02/04/2021 20:27	WG1616659
1,2-Dichloroethane	ND		0.500	1	02/04/2021 20:27	WG1616659
1,1-Dichloroethene	ND		0.500	1	02/04/2021 20:27	WG1616659
cis-1,2-Dichloroethene	ND		0.500	1	02/04/2021 20:27	WG1616659
trans-1,2-Dichloroethene	ND		0.500	1	02/04/2021 20:27	WG1616659
1,2-Dichloropropane	ND		0.500	1	02/04/2021 20:27	WG1616659
1,1-Dichloropropene	ND		0.500	1	02/04/2021 20:27	WG1616659
1,3-Dichloropropane	ND		1.00	1	02/04/2021 20:27	WG1616659
cis-1,3-Dichloropropene	ND		0.500	1	02/04/2021 20:27	WG1616659
trans-1,3-Dichloropropene	ND		0.500	1	02/04/2021 20:27	WG1616659
2,2-Dichloropropane	ND		0.500	1	02/04/2021 20:27	WG1616659
Di-isopropyl ether	ND	C3	0.500	1	02/04/2021 20:27	WG1616659
Ethylbenzene	ND		0.500	1	02/04/2021 20:27	WG1616659
Hexachloro-1,3-butadiene	ND		1.00	1	02/04/2021 20:27	WG1616659
Isopropylbenzene	ND		0.500	1	02/04/2021 20:27	WG1616659
p-Isopropyltoluene	ND		0.500	1	02/04/2021 20:27	WG1616659
2-Butanone (MEK)	ND	C3	5.00	1	02/04/2021 20:27	WG1616659
Methylene Chloride	ND		2.50	1	02/04/2021 20:27	WG1616659
4-Methyl-2-pentanone (MIBK)	ND	C3 J4	5.00	1	02/04/2021 20:27	WG1616659
Methyl tert-butyl ether	ND		0.500	1	02/04/2021 20:27	WG1616659
Naphthalene	ND		2.50	1	02/04/2021 20:27	WG1616659
n-Propylbenzene	ND		0.500	1	02/04/2021 20:27	WG1616659
Styrene	ND		0.500	1	02/04/2021 20:27	WG1616659
1,1,1,2-Tetrachloroethane	ND		0.500	1	02/04/2021 20:27	WG1616659
1,1,2,2-Tetrachloroethane	ND		0.500	1	02/04/2021 20:27	WG1616659
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	02/04/2021 20:27	WG1616659
Tetrachloroethene	ND		0.500	1	02/04/2021 20:27	WG1616659
Toluene	ND		0.500	1	02/04/2021 20:27	WG1616659
1,2,3-Trichlorobenzene	ND		0.500	1	02/04/2021 20:27	WG1616659

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	02/04/2021 20:27	WG1616659
1,1,1-Trichloroethane	ND		0.500	1	02/04/2021 20:27	WG1616659
1,1,2-Trichloroethane	ND		0.500	1	02/04/2021 20:27	WG1616659
Trichloroethene	0.533		0.500	1	02/04/2021 20:27	WG1616659
Trichlorofluoromethane	ND		2.50	1	02/04/2021 20:27	WG1616659
1,2,3-Trichloropropane	ND		2.50	1	02/04/2021 20:27	WG1616659
1,2,4-Trimethylbenzene	ND		0.500	1	02/04/2021 20:27	WG1616659
1,2,3-Trimethylbenzene	ND		0.500	1	02/04/2021 20:27	WG1616659
1,3,5-Trimethylbenzene	ND		0.500	1	02/04/2021 20:27	WG1616659
Vinyl chloride	ND		0.500	1	02/04/2021 20:27	WG1616659
Xylenes, Total	ND		1.50	1	02/04/2021 20:27	WG1616659
(S) Toluene-d8	99.2		80.0-120		02/04/2021 20:27	WG1616659
(S) 4-Bromofluorobenzene	88.9		77.0-126		02/04/2021 20:27	WG1616659
(S) 1,2-Dichloroethane-d4	91.4		70.0-130		02/04/2021 20:27	WG1616659

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	C3	25.0	1	02/04/2021 20:48	WG1616659
Acrolein	ND		50.0	1	02/04/2021 20:48	WG1616659
Acrylonitrile	ND		5.00	1	02/04/2021 20:48	WG1616659
Benzene	ND		0.500	1	02/04/2021 20:48	WG1616659
Bromobenzene	ND		0.500	1	02/04/2021 20:48	WG1616659
Bromodichloromethane	ND		0.500	1	02/04/2021 20:48	WG1616659
Bromoform	ND		0.500	1	02/04/2021 20:48	WG1616659
Bromomethane	ND		2.50	1	02/04/2021 20:48	WG1616659
n-Butylbenzene	ND		0.500	1	02/04/2021 20:48	WG1616659
sec-Butylbenzene	ND		0.500	1	02/04/2021 20:48	WG1616659
tert-Butylbenzene	ND		0.500	1	02/04/2021 20:48	WG1616659
Carbon disulfide	ND		0.500	1	02/04/2021 20:48	WG1616659
Carbon tetrachloride	ND		0.500	1	02/04/2021 20:48	WG1616659
Chlorobenzene	ND		0.500	1	02/04/2021 20:48	WG1616659
Chlorodibromomethane	ND		0.500	1	02/04/2021 20:48	WG1616659
Chloroethane	ND		2.50	1	02/04/2021 20:48	WG1616659
Chloroform	ND		0.500	1	02/04/2021 20:48	WG1616659
Chloromethane	ND		1.25	1	02/04/2021 20:48	WG1616659
2-Chlorotoluene	ND		0.500	1	02/04/2021 20:48	WG1616659
4-Chlorotoluene	ND		0.500	1	02/04/2021 20:48	WG1616659
1,2-Dibromo-3-Chloropropane	ND		2.50	1	02/04/2021 20:48	WG1616659
1,2-Dibromoethane	ND		0.500	1	02/04/2021 20:48	WG1616659
Dibromomethane	ND		0.500	1	02/04/2021 20:48	WG1616659
1,2-Dichlorobenzene	ND		0.500	1	02/04/2021 20:48	WG1616659
1,3-Dichlorobenzene	ND		0.500	1	02/04/2021 20:48	WG1616659
1,4-Dichlorobenzene	ND		0.500	1	02/04/2021 20:48	WG1616659
Dichlorodifluoromethane	ND		2.50	1	02/04/2021 20:48	WG1616659
1,1-Dichloroethane	ND		0.500	1	02/04/2021 20:48	WG1616659
1,2-Dichloroethane	ND		0.500	1	02/04/2021 20:48	WG1616659
1,1-Dichloroethene	ND		0.500	1	02/04/2021 20:48	WG1616659
cis-1,2-Dichloroethene	ND		0.500	1	02/04/2021 20:48	WG1616659
trans-1,2-Dichloroethene	ND		0.500	1	02/04/2021 20:48	WG1616659
1,2-Dichloropropane	ND		0.500	1	02/04/2021 20:48	WG1616659
1,1-Dichloropropene	ND		0.500	1	02/04/2021 20:48	WG1616659
1,3-Dichloropropane	ND		1.00	1	02/04/2021 20:48	WG1616659
cis-1,3-Dichloropropene	ND		0.500	1	02/04/2021 20:48	WG1616659
trans-1,3-Dichloropropene	ND		0.500	1	02/04/2021 20:48	WG1616659
2,2-Dichloropropane	ND		0.500	1	02/04/2021 20:48	WG1616659
Di-isopropyl ether	ND	C3	0.500	1	02/04/2021 20:48	WG1616659
Ethylbenzene	ND		0.500	1	02/04/2021 20:48	WG1616659
Hexachloro-1,3-butadiene	ND		1.00	1	02/04/2021 20:48	WG1616659
Isopropylbenzene	ND		0.500	1	02/04/2021 20:48	WG1616659
p-Isopropyltoluene	ND		0.500	1	02/04/2021 20:48	WG1616659
2-Butanone (MEK)	ND	C3	5.00	1	02/04/2021 20:48	WG1616659
Methylene Chloride	ND		2.50	1	02/04/2021 20:48	WG1616659
4-Methyl-2-pentanone (MIBK)	ND	C3 J4	5.00	1	02/04/2021 20:48	WG1616659
Methyl tert-butyl ether	ND		0.500	1	02/04/2021 20:48	WG1616659
Naphthalene	ND		2.50	1	02/04/2021 20:48	WG1616659
n-Propylbenzene	ND		0.500	1	02/04/2021 20:48	WG1616659
Styrene	ND		0.500	1	02/04/2021 20:48	WG1616659
1,1,1,2-Tetrachloroethane	ND		0.500	1	02/04/2021 20:48	WG1616659
1,1,2,2-Tetrachloroethane	ND		0.500	1	02/04/2021 20:48	WG1616659
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	02/04/2021 20:48	WG1616659
Tetrachloroethene	ND		0.500	1	02/04/2021 20:48	WG1616659
Toluene	ND		0.500	1	02/04/2021 20:48	WG1616659
1,2,3-Trichlorobenzene	ND		0.500	1	02/04/2021 20:48	WG1616659

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Collected date/time: 02/02/21 09:40

L1313450

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	02/04/2021 20:48	WG1616659
1,1,1-Trichloroethane	ND		0.500	1	02/04/2021 20:48	WG1616659
1,1,2-Trichloroethane	ND		0.500	1	02/04/2021 20:48	WG1616659
Trichloroethene	ND		0.500	1	02/04/2021 20:48	WG1616659
Trichlorofluoromethane	ND		2.50	1	02/04/2021 20:48	WG1616659
1,2,3-Trichloropropane	ND		2.50	1	02/04/2021 20:48	WG1616659
1,2,4-Trimethylbenzene	ND		0.500	1	02/04/2021 20:48	WG1616659
1,2,3-Trimethylbenzene	ND		0.500	1	02/04/2021 20:48	WG1616659
1,3,5-Trimethylbenzene	ND		0.500	1	02/04/2021 20:48	WG1616659
Vinyl chloride	ND		0.500	1	02/04/2021 20:48	WG1616659
Xylenes, Total	ND		1.50	1	02/04/2021 20:48	WG1616659
(S) Toluene-d8	102		80.0-120		02/04/2021 20:48	WG1616659
(S) 4-Bromofluorobenzene	89.6		77.0-126		02/04/2021 20:48	WG1616659
(S) 1,2-Dichloroethane-d4	91.1		70.0-130		02/04/2021 20:48	WG1616659

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	C3	25.0	1	02/04/2021 21:10	WG1616659
Acrolein	ND		50.0	1	02/04/2021 21:10	WG1616659
Acrylonitrile	ND		5.00	1	02/04/2021 21:10	WG1616659
Benzene	ND		0.500	1	02/04/2021 21:10	WG1616659
Bromobenzene	ND		0.500	1	02/04/2021 21:10	WG1616659
Bromodichloromethane	ND		0.500	1	02/04/2021 21:10	WG1616659
Bromoform	ND		0.500	1	02/04/2021 21:10	WG1616659
Bromomethane	ND		2.50	1	02/04/2021 21:10	WG1616659
n-Butylbenzene	ND		0.500	1	02/04/2021 21:10	WG1616659
sec-Butylbenzene	ND		0.500	1	02/04/2021 21:10	WG1616659
tert-Butylbenzene	ND		0.500	1	02/04/2021 21:10	WG1616659
Carbon disulfide	ND		0.500	1	02/04/2021 21:10	WG1616659
Carbon tetrachloride	ND		0.500	1	02/04/2021 21:10	WG1616659
Chlorobenzene	ND		0.500	1	02/04/2021 21:10	WG1616659
Chlorodibromomethane	ND		0.500	1	02/04/2021 21:10	WG1616659
Chloroethane	ND		2.50	1	02/04/2021 21:10	WG1616659
Chloroform	0.829		0.500	1	02/04/2021 21:10	WG1616659
Chloromethane	ND		1.25	1	02/04/2021 21:10	WG1616659
2-Chlorotoluene	ND		0.500	1	02/04/2021 21:10	WG1616659
4-Chlorotoluene	ND		0.500	1	02/04/2021 21:10	WG1616659
1,2-Dibromo-3-Chloropropane	ND		2.50	1	02/04/2021 21:10	WG1616659
1,2-Dibromoethane	ND		0.500	1	02/04/2021 21:10	WG1616659
Dibromomethane	ND		0.500	1	02/04/2021 21:10	WG1616659
1,2-Dichlorobenzene	ND		0.500	1	02/04/2021 21:10	WG1616659
1,3-Dichlorobenzene	ND		0.500	1	02/04/2021 21:10	WG1616659
1,4-Dichlorobenzene	ND		0.500	1	02/04/2021 21:10	WG1616659
Dichlorodifluoromethane	ND		2.50	1	02/04/2021 21:10	WG1616659
1,1-Dichloroethane	ND		0.500	1	02/04/2021 21:10	WG1616659
1,2-Dichloroethane	ND		0.500	1	02/04/2021 21:10	WG1616659
1,1-Dichloroethene	ND		0.500	1	02/04/2021 21:10	WG1616659
cis-1,2-Dichloroethene	4.41		0.500	1	02/04/2021 21:10	WG1616659
trans-1,2-Dichloroethene	ND		0.500	1	02/04/2021 21:10	WG1616659
1,2-Dichloropropane	ND		0.500	1	02/04/2021 21:10	WG1616659
1,1-Dichloropropene	ND		0.500	1	02/04/2021 21:10	WG1616659
1,3-Dichloropropane	ND		1.00	1	02/04/2021 21:10	WG1616659
cis-1,3-Dichloropropene	ND		0.500	1	02/04/2021 21:10	WG1616659
trans-1,3-Dichloropropene	ND		0.500	1	02/04/2021 21:10	WG1616659
2,2-Dichloropropane	ND		0.500	1	02/04/2021 21:10	WG1616659
Di-isopropyl ether	ND	C3	0.500	1	02/04/2021 21:10	WG1616659
Ethylbenzene	ND		0.500	1	02/04/2021 21:10	WG1616659
Hexachloro-1,3-butadiene	ND		1.00	1	02/04/2021 21:10	WG1616659
Isopropylbenzene	ND		0.500	1	02/04/2021 21:10	WG1616659
p-Isopropyltoluene	ND		0.500	1	02/04/2021 21:10	WG1616659
2-Butanone (MEK)	ND	C3	5.00	1	02/04/2021 21:10	WG1616659
Methylene Chloride	ND		2.50	1	02/04/2021 21:10	WG1616659
4-Methyl-2-pentanone (MIBK)	ND	C3 J4	5.00	1	02/04/2021 21:10	WG1616659
Methyl tert-butyl ether	ND		0.500	1	02/04/2021 21:10	WG1616659
Naphthalene	ND		2.50	1	02/04/2021 21:10	WG1616659
n-Propylbenzene	ND		0.500	1	02/04/2021 21:10	WG1616659
Styrene	ND		0.500	1	02/04/2021 21:10	WG1616659
1,1,1,2-Tetrachloroethane	ND		0.500	1	02/04/2021 21:10	WG1616659
1,1,2,2-Tetrachloroethane	ND		0.500	1	02/04/2021 21:10	WG1616659
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	02/04/2021 21:10	WG1616659
Tetrachloroethene	2.13	C5	0.500	1	02/04/2021 21:10	WG1616659
Toluene	ND		0.500	1	02/04/2021 21:10	WG1616659
1,2,3-Trichlorobenzene	ND		0.500	1	02/04/2021 21:10	WG1616659

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	02/04/2021 21:10	WG1616659
1,1,1-Trichloroethane	ND		0.500	1	02/04/2021 21:10	WG1616659
1,1,2-Trichloroethane	ND		0.500	1	02/04/2021 21:10	WG1616659
Trichloroethene	33.3		0.500	1	02/04/2021 21:10	WG1616659
Trichlorofluoromethane	ND		2.50	1	02/04/2021 21:10	WG1616659
1,2,3-Trichloropropane	ND		2.50	1	02/04/2021 21:10	WG1616659
1,2,4-Trimethylbenzene	ND		0.500	1	02/04/2021 21:10	WG1616659
1,2,3-Trimethylbenzene	ND		0.500	1	02/04/2021 21:10	WG1616659
1,3,5-Trimethylbenzene	ND		0.500	1	02/04/2021 21:10	WG1616659
Vinyl chloride	ND		0.500	1	02/04/2021 21:10	WG1616659
Xylenes, Total	ND		1.50	1	02/04/2021 21:10	WG1616659
(S) Toluene-d8	101		80.0-120		02/04/2021 21:10	WG1616659
(S) 4-Bromofluorobenzene	88.8		77.0-126		02/04/2021 21:10	WG1616659
(S) 1,2-Dichloroethane-d4	92.3		70.0-130		02/04/2021 21:10	WG1616659

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc



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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND	C3	25.0	1	02/04/2021 21:32	WG1616659
Acrolein	ND		50.0	1	02/04/2021 21:32	WG1616659
Acrylonitrile	ND		5.00	1	02/04/2021 21:32	WG1616659
Benzene	ND		0.500	1	02/04/2021 21:32	WG1616659
Bromobenzene	ND		0.500	1	02/04/2021 21:32	WG1616659
Bromodichloromethane	ND		0.500	1	02/04/2021 21:32	WG1616659
Bromoform	ND		0.500	1	02/04/2021 21:32	WG1616659
Bromomethane	ND		2.50	1	02/04/2021 21:32	WG1616659
n-Butylbenzene	ND		0.500	1	02/04/2021 21:32	WG1616659
sec-Butylbenzene	ND		0.500	1	02/04/2021 21:32	WG1616659
tert-Butylbenzene	ND		0.500	1	02/04/2021 21:32	WG1616659
Carbon disulfide	ND		0.500	1	02/04/2021 21:32	WG1616659
Carbon tetrachloride	ND		0.500	1	02/04/2021 21:32	WG1616659
Chlorobenzene	ND		0.500	1	02/04/2021 21:32	WG1616659
Chlorodibromomethane	ND		0.500	1	02/04/2021 21:32	WG1616659
Chloroethane	ND		2.50	1	02/04/2021 21:32	WG1616659
Chloroform	0.853		0.500	1	02/04/2021 21:32	WG1616659
Chloromethane	ND		1.25	1	02/04/2021 21:32	WG1616659
2-Chlorotoluene	ND		0.500	1	02/04/2021 21:32	WG1616659
4-Chlorotoluene	ND		0.500	1	02/04/2021 21:32	WG1616659
1,2-Dibromo-3-Chloropropane	ND		2.50	1	02/04/2021 21:32	WG1616659
1,2-Dibromoethane	ND		0.500	1	02/04/2021 21:32	WG1616659
Dibromomethane	ND		0.500	1	02/04/2021 21:32	WG1616659
1,2-Dichlorobenzene	ND		0.500	1	02/04/2021 21:32	WG1616659
1,3-Dichlorobenzene	ND		0.500	1	02/04/2021 21:32	WG1616659
1,4-Dichlorobenzene	ND		0.500	1	02/04/2021 21:32	WG1616659
Dichlorodifluoromethane	ND		2.50	1	02/04/2021 21:32	WG1616659
1,1-Dichloroethane	ND		0.500	1	02/04/2021 21:32	WG1616659
1,2-Dichloroethane	ND		0.500	1	02/04/2021 21:32	WG1616659
1,1-Dichloroethene	ND		0.500	1	02/04/2021 21:32	WG1616659
cis-1,2-Dichloroethene	4.37		0.500	1	02/04/2021 21:32	WG1616659
trans-1,2-Dichloroethene	ND		0.500	1	02/04/2021 21:32	WG1616659
1,2-Dichloropropane	ND		0.500	1	02/04/2021 21:32	WG1616659
1,1-Dichloropropene	ND		0.500	1	02/04/2021 21:32	WG1616659
1,3-Dichloropropane	ND		1.00	1	02/04/2021 21:32	WG1616659
cis-1,3-Dichloropropene	ND		0.500	1	02/04/2021 21:32	WG1616659
trans-1,3-Dichloropropene	ND		0.500	1	02/04/2021 21:32	WG1616659
2,2-Dichloropropane	ND		0.500	1	02/04/2021 21:32	WG1616659
Di-isopropyl ether	ND	C3	0.500	1	02/04/2021 21:32	WG1616659
Ethylbenzene	ND		0.500	1	02/04/2021 21:32	WG1616659
Hexachloro-1,3-butadiene	ND		1.00	1	02/04/2021 21:32	WG1616659
Isopropylbenzene	ND		0.500	1	02/04/2021 21:32	WG1616659
p-Isopropyltoluene	ND		0.500	1	02/04/2021 21:32	WG1616659
2-Butanone (MEK)	ND	C3	5.00	1	02/04/2021 21:32	WG1616659
Methylene Chloride	ND		2.50	1	02/04/2021 21:32	WG1616659
4-Methyl-2-pentanone (MIBK)	ND	C3 J4	5.00	1	02/04/2021 21:32	WG1616659
Methyl tert-butyl ether	ND		0.500	1	02/04/2021 21:32	WG1616659
Naphthalene	ND		2.50	1	02/04/2021 21:32	WG1616659
n-Propylbenzene	ND		0.500	1	02/04/2021 21:32	WG1616659
Styrene	ND		0.500	1	02/04/2021 21:32	WG1616659
1,1,1,2-Tetrachloroethane	ND		0.500	1	02/04/2021 21:32	WG1616659
1,1,2,2-Tetrachloroethane	ND		0.500	1	02/04/2021 21:32	WG1616659
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	02/04/2021 21:32	WG1616659
Tetrachloroethene	2.10	C5	0.500	1	02/04/2021 21:32	WG1616659
Toluene	ND		0.500	1	02/04/2021 21:32	WG1616659
1,2,3-Trichlorobenzene	ND		0.500	1	02/04/2021 21:32	WG1616659

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	02/04/2021 21:32	WG1616659
1,1,1-Trichloroethane	ND		0.500	1	02/04/2021 21:32	WG1616659
1,1,2-Trichloroethane	ND		0.500	1	02/04/2021 21:32	WG1616659
Trichloroethene	33.2		0.500	1	02/04/2021 21:32	WG1616659
Trichlorofluoromethane	ND		2.50	1	02/04/2021 21:32	WG1616659
1,2,3-Trichloropropane	ND		2.50	1	02/04/2021 21:32	WG1616659
1,2,4-Trimethylbenzene	ND		0.500	1	02/04/2021 21:32	WG1616659
1,2,3-Trimethylbenzene	ND		0.500	1	02/04/2021 21:32	WG1616659
1,3,5-Trimethylbenzene	ND		0.500	1	02/04/2021 21:32	WG1616659
Vinyl chloride	ND		0.500	1	02/04/2021 21:32	WG1616659
Xylenes, Total	ND		1.50	1	02/04/2021 21:32	WG1616659
(S) Toluene-d8	102		80.0-120		02/04/2021 21:32	WG1616659
(S) 4-Bromofluorobenzene	91.0		77.0-126		02/04/2021 21:32	WG1616659
(S) 1,2-Dichloroethane-d4	89.9		70.0-130		02/04/2021 21:32	WG1616659

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc



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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	29.7	C3	25.0	1	02/04/2021 21:54	WG1616659
Acrolein	ND		50.0	1	02/04/2021 21:54	WG1616659
Acrylonitrile	ND		5.00	1	02/04/2021 21:54	WG1616659
Benzene	ND		0.500	1	02/04/2021 21:54	WG1616659
Bromobenzene	ND		0.500	1	02/04/2021 21:54	WG1616659
Bromodichloromethane	ND		0.500	1	02/04/2021 21:54	WG1616659
Bromoform	ND		0.500	1	02/04/2021 21:54	WG1616659
Bromomethane	ND		2.50	1	02/04/2021 21:54	WG1616659
n-Butylbenzene	ND		0.500	1	02/04/2021 21:54	WG1616659
sec-Butylbenzene	ND		0.500	1	02/04/2021 21:54	WG1616659
tert-Butylbenzene	ND		0.500	1	02/04/2021 21:54	WG1616659
Carbon disulfide	ND		0.500	1	02/04/2021 21:54	WG1616659
Carbon tetrachloride	ND		0.500	1	02/04/2021 21:54	WG1616659
Chlorobenzene	ND		0.500	1	02/04/2021 21:54	WG1616659
Chlorodibromomethane	ND		0.500	1	02/04/2021 21:54	WG1616659
Chloroethane	ND		2.50	1	02/04/2021 21:54	WG1616659
Chloroform	ND		0.500	1	02/04/2021 21:54	WG1616659
Chloromethane	ND		1.25	1	02/04/2021 21:54	WG1616659
2-Chlorotoluene	ND		0.500	1	02/04/2021 21:54	WG1616659
4-Chlorotoluene	ND		0.500	1	02/04/2021 21:54	WG1616659
1,2-Dibromo-3-Chloropropane	ND		2.50	1	02/04/2021 21:54	WG1616659
1,2-Dibromoethane	ND		0.500	1	02/04/2021 21:54	WG1616659
Dibromomethane	ND		0.500	1	02/04/2021 21:54	WG1616659
1,2-Dichlorobenzene	ND		0.500	1	02/04/2021 21:54	WG1616659
1,3-Dichlorobenzene	ND		0.500	1	02/04/2021 21:54	WG1616659
1,4-Dichlorobenzene	ND		0.500	1	02/04/2021 21:54	WG1616659
Dichlorodifluoromethane	ND		2.50	1	02/04/2021 21:54	WG1616659
1,1-Dichloroethane	ND		0.500	1	02/04/2021 21:54	WG1616659
1,2-Dichloroethane	ND		0.500	1	02/04/2021 21:54	WG1616659
1,1-Dichloroethene	ND		0.500	1	02/04/2021 21:54	WG1616659
cis-1,2-Dichloroethene	8.39		0.500	1	02/04/2021 21:54	WG1616659
trans-1,2-Dichloroethene	ND		0.500	1	02/04/2021 21:54	WG1616659
1,2-Dichloropropane	ND		0.500	1	02/04/2021 21:54	WG1616659
1,1-Dichloropropene	ND		0.500	1	02/04/2021 21:54	WG1616659
1,3-Dichloropropane	ND		1.00	1	02/04/2021 21:54	WG1616659
cis-1,3-Dichloropropene	ND		0.500	1	02/04/2021 21:54	WG1616659
trans-1,3-Dichloropropene	ND		0.500	1	02/04/2021 21:54	WG1616659
2,2-Dichloropropane	ND		0.500	1	02/04/2021 21:54	WG1616659
Di-isopropyl ether	ND	C3	0.500	1	02/04/2021 21:54	WG1616659
Ethylbenzene	ND		0.500	1	02/04/2021 21:54	WG1616659
Hexachloro-1,3-butadiene	ND		1.00	1	02/04/2021 21:54	WG1616659
Isopropylbenzene	ND		0.500	1	02/04/2021 21:54	WG1616659
p-Isopropyltoluene	ND		0.500	1	02/04/2021 21:54	WG1616659
2-Butanone (MEK)	ND	C3	5.00	1	02/04/2021 21:54	WG1616659
Methylene Chloride	ND		2.50	1	02/04/2021 21:54	WG1616659
4-Methyl-2-pentanone (MIBK)	ND	C3 J4	5.00	1	02/04/2021 21:54	WG1616659
Methyl tert-butyl ether	ND		0.500	1	02/04/2021 21:54	WG1616659
Naphthalene	ND		2.50	1	02/04/2021 21:54	WG1616659
n-Propylbenzene	ND		0.500	1	02/04/2021 21:54	WG1616659
Styrene	ND		0.500	1	02/04/2021 21:54	WG1616659
1,1,1,2-Tetrachloroethane	ND		0.500	1	02/04/2021 21:54	WG1616659
1,1,2,2-Tetrachloroethane	ND		0.500	1	02/04/2021 21:54	WG1616659
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	02/04/2021 21:54	WG1616659
Tetrachloroethene	0.834	C5	0.500	1	02/04/2021 21:54	WG1616659
Toluene	ND		0.500	1	02/04/2021 21:54	WG1616659
1,2,3-Trichlorobenzene	ND		0.500	1	02/04/2021 21:54	WG1616659

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	02/04/2021 21:54	WG1616659
1,1,1-Trichloroethane	ND		0.500	1	02/04/2021 21:54	WG1616659
1,1,2-Trichloroethane	ND		0.500	1	02/04/2021 21:54	WG1616659
Trichloroethene	29.8		0.500	1	02/04/2021 21:54	WG1616659
Trichlorofluoromethane	ND		2.50	1	02/04/2021 21:54	WG1616659
1,2,3-Trichloropropane	ND		2.50	1	02/04/2021 21:54	WG1616659
1,2,4-Trimethylbenzene	ND		0.500	1	02/04/2021 21:54	WG1616659
1,2,3-Trimethylbenzene	ND		0.500	1	02/04/2021 21:54	WG1616659
1,3,5-Trimethylbenzene	ND		0.500	1	02/04/2021 21:54	WG1616659
Vinyl chloride	ND		0.500	1	02/04/2021 21:54	WG1616659
Xylenes, Total	ND		1.50	1	02/04/2021 21:54	WG1616659
(S) Toluene-d8	100		80.0-120		02/04/2021 21:54	WG1616659
(S) 4-Bromofluorobenzene	90.3		77.0-126		02/04/2021 21:54	WG1616659
(S) 1,2-Dichloroethane-d4	91.5		70.0-130		02/04/2021 21:54	WG1616659

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	C3	25.0	1	02/04/2021 22:15	WG1616659
Acrolein	ND		50.0	1	02/04/2021 22:15	WG1616659
Acrylonitrile	ND		5.00	1	02/04/2021 22:15	WG1616659
Benzene	ND		0.500	1	02/04/2021 22:15	WG1616659
Bromobenzene	ND		0.500	1	02/04/2021 22:15	WG1616659
Bromodichloromethane	ND		0.500	1	02/04/2021 22:15	WG1616659
Bromoform	ND		0.500	1	02/04/2021 22:15	WG1616659
Bromomethane	ND		2.50	1	02/04/2021 22:15	WG1616659
n-Butylbenzene	ND		0.500	1	02/04/2021 22:15	WG1616659
sec-Butylbenzene	ND		0.500	1	02/04/2021 22:15	WG1616659
tert-Butylbenzene	ND		0.500	1	02/04/2021 22:15	WG1616659
Carbon disulfide	ND		0.500	1	02/04/2021 22:15	WG1616659
Carbon tetrachloride	ND		0.500	1	02/04/2021 22:15	WG1616659
Chlorobenzene	ND		0.500	1	02/04/2021 22:15	WG1616659
Chlorodibromomethane	ND		0.500	1	02/04/2021 22:15	WG1616659
Chloroethane	ND		2.50	1	02/04/2021 22:15	WG1616659
Chloroform	ND		0.500	1	02/04/2021 22:15	WG1616659
Chloromethane	ND		1.25	1	02/04/2021 22:15	WG1616659
2-Chlorotoluene	ND		0.500	1	02/04/2021 22:15	WG1616659
4-Chlorotoluene	ND		0.500	1	02/04/2021 22:15	WG1616659
1,2-Dibromo-3-Chloropropane	ND		2.50	1	02/04/2021 22:15	WG1616659
1,2-Dibromoethane	ND		0.500	1	02/04/2021 22:15	WG1616659
Dibromomethane	ND		0.500	1	02/04/2021 22:15	WG1616659
1,2-Dichlorobenzene	ND		0.500	1	02/04/2021 22:15	WG1616659
1,3-Dichlorobenzene	ND		0.500	1	02/04/2021 22:15	WG1616659
1,4-Dichlorobenzene	ND		0.500	1	02/04/2021 22:15	WG1616659
Dichlorodifluoromethane	ND		2.50	1	02/04/2021 22:15	WG1616659
1,1-Dichloroethane	ND		0.500	1	02/04/2021 22:15	WG1616659
1,2-Dichloroethane	ND		0.500	1	02/04/2021 22:15	WG1616659
1,1-Dichloroethene	ND		0.500	1	02/04/2021 22:15	WG1616659
cis-1,2-Dichloroethene	0.523		0.500	1	02/04/2021 22:15	WG1616659
trans-1,2-Dichloroethene	ND		0.500	1	02/04/2021 22:15	WG1616659
1,2-Dichloropropane	ND		0.500	1	02/04/2021 22:15	WG1616659
1,1-Dichloropropene	ND		0.500	1	02/04/2021 22:15	WG1616659
1,3-Dichloropropane	ND		1.00	1	02/04/2021 22:15	WG1616659
cis-1,3-Dichloropropene	ND		0.500	1	02/04/2021 22:15	WG1616659
trans-1,3-Dichloropropene	ND		0.500	1	02/04/2021 22:15	WG1616659
2,2-Dichloropropane	ND		0.500	1	02/04/2021 22:15	WG1616659
Di-isopropyl ether	ND	C3	0.500	1	02/04/2021 22:15	WG1616659
Ethylbenzene	ND		0.500	1	02/04/2021 22:15	WG1616659
Hexachloro-1,3-butadiene	ND		1.00	1	02/04/2021 22:15	WG1616659
Isopropylbenzene	ND		0.500	1	02/04/2021 22:15	WG1616659
p-Isopropyltoluene	ND		0.500	1	02/04/2021 22:15	WG1616659
2-Butanone (MEK)	ND	C3	5.00	1	02/04/2021 22:15	WG1616659
Methylene Chloride	ND		2.50	1	02/04/2021 22:15	WG1616659
4-Methyl-2-pentanone (MIBK)	ND	C3 J4	5.00	1	02/04/2021 22:15	WG1616659
Methyl tert-butyl ether	ND		0.500	1	02/04/2021 22:15	WG1616659
Naphthalene	ND		2.50	1	02/04/2021 22:15	WG1616659
n-Propylbenzene	ND		0.500	1	02/04/2021 22:15	WG1616659
Styrene	ND		0.500	1	02/04/2021 22:15	WG1616659
1,1,1,2-Tetrachloroethane	ND		0.500	1	02/04/2021 22:15	WG1616659
1,1,2,2-Tetrachloroethane	ND		0.500	1	02/04/2021 22:15	WG1616659
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	02/04/2021 22:15	WG1616659
Tetrachloroethene	ND		0.500	1	02/04/2021 22:15	WG1616659
Toluene	ND		0.500	1	02/04/2021 22:15	WG1616659
1,2,3-Trichlorobenzene	ND		0.500	1	02/04/2021 22:15	WG1616659

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	02/04/2021 22:15	WG1616659
1,1,1-Trichloroethane	ND		0.500	1	02/04/2021 22:15	WG1616659
1,1,2-Trichloroethane	ND		0.500	1	02/04/2021 22:15	WG1616659
Trichloroethene	3.69		0.500	1	02/04/2021 22:15	WG1616659
Trichlorofluoromethane	ND		2.50	1	02/04/2021 22:15	WG1616659
1,2,3-Trichloropropane	ND		2.50	1	02/04/2021 22:15	WG1616659
1,2,4-Trimethylbenzene	ND		0.500	1	02/04/2021 22:15	WG1616659
1,2,3-Trimethylbenzene	ND		0.500	1	02/04/2021 22:15	WG1616659
1,3,5-Trimethylbenzene	ND		0.500	1	02/04/2021 22:15	WG1616659
Vinyl chloride	ND		0.500	1	02/04/2021 22:15	WG1616659
Xylenes, Total	ND		1.50	1	02/04/2021 22:15	WG1616659
(S) Toluene-d8	101		80.0-120		02/04/2021 22:15	WG1616659
(S) 4-Bromofluorobenzene	89.9		77.0-126		02/04/2021 22:15	WG1616659
(S) 1,2-Dichloroethane-d4	91.5		70.0-130		02/04/2021 22:15	WG1616659

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	31.3	C3	25.0	1	02/04/2021 22:37	WG1616659
Acrolein	ND		50.0	1	02/04/2021 22:37	WG1616659
Acrylonitrile	ND		5.00	1	02/04/2021 22:37	WG1616659
Benzene	ND		0.500	1	02/04/2021 22:37	WG1616659
Bromobenzene	ND		0.500	1	02/04/2021 22:37	WG1616659
Bromodichloromethane	ND		0.500	1	02/04/2021 22:37	WG1616659
Bromoform	ND		0.500	1	02/04/2021 22:37	WG1616659
Bromomethane	ND		2.50	1	02/04/2021 22:37	WG1616659
n-Butylbenzene	ND		0.500	1	02/04/2021 22:37	WG1616659
sec-Butylbenzene	ND		0.500	1	02/04/2021 22:37	WG1616659
tert-Butylbenzene	ND		0.500	1	02/04/2021 22:37	WG1616659
Carbon disulfide	ND		0.500	1	02/04/2021 22:37	WG1616659
Carbon tetrachloride	ND		0.500	1	02/04/2021 22:37	WG1616659
Chlorobenzene	ND		0.500	1	02/04/2021 22:37	WG1616659
Chlorodibromomethane	ND		0.500	1	02/04/2021 22:37	WG1616659
Chloroethane	ND		2.50	1	02/04/2021 22:37	WG1616659
Chloroform	ND		0.500	1	02/04/2021 22:37	WG1616659
Chloromethane	ND		1.25	1	02/04/2021 22:37	WG1616659
2-Chlorotoluene	ND		0.500	1	02/04/2021 22:37	WG1616659
4-Chlorotoluene	ND		0.500	1	02/04/2021 22:37	WG1616659
1,2-Dibromo-3-Chloropropane	ND		2.50	1	02/04/2021 22:37	WG1616659
1,2-Dibromoethane	ND		0.500	1	02/04/2021 22:37	WG1616659
Dibromomethane	ND		0.500	1	02/04/2021 22:37	WG1616659
1,2-Dichlorobenzene	ND		0.500	1	02/04/2021 22:37	WG1616659
1,3-Dichlorobenzene	ND		0.500	1	02/04/2021 22:37	WG1616659
1,4-Dichlorobenzene	ND		0.500	1	02/04/2021 22:37	WG1616659
Dichlorodifluoromethane	ND		2.50	1	02/04/2021 22:37	WG1616659
1,1-Dichloroethane	ND		0.500	1	02/04/2021 22:37	WG1616659
1,2-Dichloroethane	ND		0.500	1	02/04/2021 22:37	WG1616659
1,1-Dichloroethene	ND		0.500	1	02/04/2021 22:37	WG1616659
cis-1,2-Dichloroethene	ND		0.500	1	02/04/2021 22:37	WG1616659
trans-1,2-Dichloroethene	ND		0.500	1	02/04/2021 22:37	WG1616659
1,2-Dichloropropane	ND		0.500	1	02/04/2021 22:37	WG1616659
1,1-Dichloropropene	ND		0.500	1	02/04/2021 22:37	WG1616659
1,3-Dichloropropane	ND		1.00	1	02/04/2021 22:37	WG1616659
cis-1,3-Dichloropropene	ND		0.500	1	02/04/2021 22:37	WG1616659
trans-1,3-Dichloropropene	ND		0.500	1	02/04/2021 22:37	WG1616659
2,2-Dichloropropane	ND		0.500	1	02/04/2021 22:37	WG1616659
Di-isopropyl ether	ND	C3	0.500	1	02/04/2021 22:37	WG1616659
Ethylbenzene	ND		0.500	1	02/04/2021 22:37	WG1616659
Hexachloro-1,3-butadiene	ND		1.00	1	02/04/2021 22:37	WG1616659
Isopropylbenzene	ND		0.500	1	02/04/2021 22:37	WG1616659
p-Isopropyltoluene	ND		0.500	1	02/04/2021 22:37	WG1616659
2-Butanone (MEK)	ND	C3	5.00	1	02/04/2021 22:37	WG1616659
Methylene Chloride	ND		2.50	1	02/04/2021 22:37	WG1616659
4-Methyl-2-pentanone (MIBK)	ND	C3 J4	5.00	1	02/04/2021 22:37	WG1616659
Methyl tert-butyl ether	ND		0.500	1	02/04/2021 22:37	WG1616659
Naphthalene	ND		2.50	1	02/04/2021 22:37	WG1616659
n-Propylbenzene	ND		0.500	1	02/04/2021 22:37	WG1616659
Styrene	ND		0.500	1	02/04/2021 22:37	WG1616659
1,1,1,2-Tetrachloroethane	ND		0.500	1	02/04/2021 22:37	WG1616659
1,1,2,2-Tetrachloroethane	ND		0.500	1	02/04/2021 22:37	WG1616659
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	02/04/2021 22:37	WG1616659
Tetrachloroethene	ND		0.500	1	02/04/2021 22:37	WG1616659
Toluene	ND		0.500	1	02/04/2021 22:37	WG1616659
1,2,3-Trichlorobenzene	ND		0.500	1	02/04/2021 22:37	WG1616659

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Collected date/time: 02/02/21 10:25

L1313450

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	02/04/2021 22:37	WG1616659
1,1,1-Trichloroethane	ND		0.500	1	02/04/2021 22:37	WG1616659
1,1,2-Trichloroethane	ND		0.500	1	02/04/2021 22:37	WG1616659
Trichloroethene	1.76		0.500	1	02/04/2021 22:37	WG1616659
Trichlorofluoromethane	ND		2.50	1	02/04/2021 22:37	WG1616659
1,2,3-Trichloropropane	ND		2.50	1	02/04/2021 22:37	WG1616659
1,2,4-Trimethylbenzene	ND		0.500	1	02/04/2021 22:37	WG1616659
1,2,3-Trimethylbenzene	ND		0.500	1	02/04/2021 22:37	WG1616659
1,3,5-Trimethylbenzene	ND		0.500	1	02/04/2021 22:37	WG1616659
Vinyl chloride	ND		0.500	1	02/04/2021 22:37	WG1616659
Xylenes, Total	ND		1.50	1	02/04/2021 22:37	WG1616659
(S) Toluene-d8	101		80.0-120		02/04/2021 22:37	WG1616659
(S) 4-Bromofluorobenzene	90.8		77.0-126		02/04/2021 22:37	WG1616659
(S) 1,2-Dichloroethane-d4	93.6		70.0-130		02/04/2021 22:37	WG1616659

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	C3	25.0	1	02/04/2021 22:58	WG1616659
Acrolein	ND		50.0	1	02/04/2021 22:58	WG1616659
Acrylonitrile	ND		5.00	1	02/04/2021 22:58	WG1616659
Benzene	ND		0.500	1	02/04/2021 22:58	WG1616659
Bromobenzene	ND		0.500	1	02/04/2021 22:58	WG1616659
Bromodichloromethane	ND		0.500	1	02/04/2021 22:58	WG1616659
Bromoform	ND		0.500	1	02/04/2021 22:58	WG1616659
Bromomethane	ND		2.50	1	02/04/2021 22:58	WG1616659
n-Butylbenzene	ND		0.500	1	02/04/2021 22:58	WG1616659
sec-Butylbenzene	ND		0.500	1	02/04/2021 22:58	WG1616659
tert-Butylbenzene	ND		0.500	1	02/04/2021 22:58	WG1616659
Carbon disulfide	ND		0.500	1	02/04/2021 22:58	WG1616659
Carbon tetrachloride	ND		0.500	1	02/04/2021 22:58	WG1616659
Chlorobenzene	ND		0.500	1	02/04/2021 22:58	WG1616659
Chlorodibromomethane	ND		0.500	1	02/04/2021 22:58	WG1616659
Chloroethane	ND		2.50	1	02/04/2021 22:58	WG1616659
Chloroform	0.989		0.500	1	02/04/2021 22:58	WG1616659
Chloromethane	ND		1.25	1	02/04/2021 22:58	WG1616659
2-Chlorotoluene	ND		0.500	1	02/04/2021 22:58	WG1616659
4-Chlorotoluene	ND		0.500	1	02/04/2021 22:58	WG1616659
1,2-Dibromo-3-Chloropropane	ND		2.50	1	02/04/2021 22:58	WG1616659
1,2-Dibromoethane	ND		0.500	1	02/04/2021 22:58	WG1616659
Dibromomethane	ND		0.500	1	02/04/2021 22:58	WG1616659
1,2-Dichlorobenzene	ND		0.500	1	02/04/2021 22:58	WG1616659
1,3-Dichlorobenzene	ND		0.500	1	02/04/2021 22:58	WG1616659
1,4-Dichlorobenzene	ND		0.500	1	02/04/2021 22:58	WG1616659
Dichlorodifluoromethane	ND		2.50	1	02/04/2021 22:58	WG1616659
1,1-Dichloroethane	ND		0.500	1	02/04/2021 22:58	WG1616659
1,2-Dichloroethane	ND		0.500	1	02/04/2021 22:58	WG1616659
1,1-Dichloroethene	ND		0.500	1	02/04/2021 22:58	WG1616659
cis-1,2-Dichloroethene	ND		0.500	1	02/04/2021 22:58	WG1616659
trans-1,2-Dichloroethene	ND		0.500	1	02/04/2021 22:58	WG1616659
1,2-Dichloropropane	ND		0.500	1	02/04/2021 22:58	WG1616659
1,1-Dichloropropene	ND		0.500	1	02/04/2021 22:58	WG1616659
1,3-Dichloropropane	ND		1.00	1	02/04/2021 22:58	WG1616659
cis-1,3-Dichloropropene	ND		0.500	1	02/04/2021 22:58	WG1616659
trans-1,3-Dichloropropene	ND		0.500	1	02/04/2021 22:58	WG1616659
2,2-Dichloropropane	ND		0.500	1	02/04/2021 22:58	WG1616659
Di-isopropyl ether	ND	C3	0.500	1	02/04/2021 22:58	WG1616659
Ethylbenzene	ND		0.500	1	02/04/2021 22:58	WG1616659
Hexachloro-1,3-butadiene	ND		1.00	1	02/04/2021 22:58	WG1616659
Isopropylbenzene	ND		0.500	1	02/04/2021 22:58	WG1616659
p-Isopropyltoluene	ND		0.500	1	02/04/2021 22:58	WG1616659
2-Butanone (MEK)	ND	C3	5.00	1	02/04/2021 22:58	WG1616659
Methylene Chloride	ND		2.50	1	02/04/2021 22:58	WG1616659
4-Methyl-2-pentanone (MIBK)	ND	C3 J4	5.00	1	02/04/2021 22:58	WG1616659
Methyl tert-butyl ether	ND		0.500	1	02/04/2021 22:58	WG1616659
Naphthalene	ND		2.50	1	02/04/2021 22:58	WG1616659
n-Propylbenzene	ND		0.500	1	02/04/2021 22:58	WG1616659
Styrene	ND		0.500	1	02/04/2021 22:58	WG1616659
1,1,1,2-Tetrachloroethane	ND		0.500	1	02/04/2021 22:58	WG1616659
1,1,2,2-Tetrachloroethane	ND		0.500	1	02/04/2021 22:58	WG1616659
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	02/04/2021 22:58	WG1616659
Tetrachloroethene	ND		0.500	1	02/04/2021 22:58	WG1616659
Toluene	ND		0.500	1	02/04/2021 22:58	WG1616659
1,2,3-Trichlorobenzene	ND		0.500	1	02/04/2021 22:58	WG1616659

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	02/04/2021 22:58	WG1616659
1,1,1-Trichloroethane	ND		0.500	1	02/04/2021 22:58	WG1616659
1,1,2-Trichloroethane	ND		0.500	1	02/04/2021 22:58	WG1616659
Trichloroethene	ND		0.500	1	02/04/2021 22:58	WG1616659
Trichlorofluoromethane	ND		2.50	1	02/04/2021 22:58	WG1616659
1,2,3-Trichloropropane	ND		2.50	1	02/04/2021 22:58	WG1616659
1,2,4-Trimethylbenzene	ND		0.500	1	02/04/2021 22:58	WG1616659
1,2,3-Trimethylbenzene	ND		0.500	1	02/04/2021 22:58	WG1616659
1,3,5-Trimethylbenzene	ND		0.500	1	02/04/2021 22:58	WG1616659
Vinyl chloride	ND		0.500	1	02/04/2021 22:58	WG1616659
Xylenes, Total	ND		1.50	1	02/04/2021 22:58	WG1616659
(S) Toluene-d8	101		80.0-120		02/04/2021 22:58	WG1616659
(S) 4-Bromofluorobenzene	88.8		77.0-126		02/04/2021 22:58	WG1616659
(S) 1,2-Dichloroethane-d4	92.8		70.0-130		02/04/2021 22:58	WG1616659

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	C3	25.0	1	02/04/2021 23:48	WG1616659
Acrolein	ND		50.0	1	02/04/2021 23:48	WG1616659
Acrylonitrile	ND		5.00	1	02/04/2021 23:48	WG1616659
Benzene	ND		0.500	1	02/04/2021 23:48	WG1616659
Bromobenzene	ND		0.500	1	02/04/2021 23:48	WG1616659
Bromodichloromethane	ND		0.500	1	02/04/2021 23:48	WG1616659
Bromoform	ND		0.500	1	02/04/2021 23:48	WG1616659
Bromomethane	ND		2.50	1	02/04/2021 23:48	WG1616659
n-Butylbenzene	ND		0.500	1	02/04/2021 23:48	WG1616659
sec-Butylbenzene	ND		0.500	1	02/04/2021 23:48	WG1616659
tert-Butylbenzene	ND		0.500	1	02/04/2021 23:48	WG1616659
Carbon disulfide	ND		0.500	1	02/04/2021 23:48	WG1616659
Carbon tetrachloride	ND		0.500	1	02/04/2021 23:48	WG1616659
Chlorobenzene	ND		0.500	1	02/04/2021 23:48	WG1616659
Chlorodibromomethane	ND		0.500	1	02/04/2021 23:48	WG1616659
Chloroethane	ND		2.50	1	02/04/2021 23:48	WG1616659
Chloroform	ND		0.500	1	02/04/2021 23:48	WG1616659
Chloromethane	ND		1.25	1	02/04/2021 23:48	WG1616659
2-Chlorotoluene	ND		0.500	1	02/04/2021 23:48	WG1616659
4-Chlorotoluene	ND		0.500	1	02/04/2021 23:48	WG1616659
1,2-Dibromo-3-Chloropropane	ND		2.50	1	02/04/2021 23:48	WG1616659
1,2-Dibromoethane	ND		0.500	1	02/04/2021 23:48	WG1616659
Dibromomethane	ND		0.500	1	02/04/2021 23:48	WG1616659
1,2-Dichlorobenzene	ND		0.500	1	02/04/2021 23:48	WG1616659
1,3-Dichlorobenzene	ND		0.500	1	02/04/2021 23:48	WG1616659
1,4-Dichlorobenzene	ND		0.500	1	02/04/2021 23:48	WG1616659
Dichlorodifluoromethane	ND		2.50	1	02/04/2021 23:48	WG1616659
1,1-Dichloroethane	ND		0.500	1	02/04/2021 23:48	WG1616659
1,2-Dichloroethane	ND		0.500	1	02/04/2021 23:48	WG1616659
1,1-Dichloroethene	ND		0.500	1	02/04/2021 23:48	WG1616659
cis-1,2-Dichloroethene	8.47		0.500	1	02/04/2021 23:48	WG1616659
trans-1,2-Dichloroethene	ND		0.500	1	02/04/2021 23:48	WG1616659
1,2-Dichloropropane	ND		0.500	1	02/04/2021 23:48	WG1616659
1,1-Dichloropropene	ND		0.500	1	02/04/2021 23:48	WG1616659
1,3-Dichloropropane	ND		1.00	1	02/04/2021 23:48	WG1616659
cis-1,3-Dichloropropene	ND		0.500	1	02/04/2021 23:48	WG1616659
trans-1,3-Dichloropropene	ND		0.500	1	02/04/2021 23:48	WG1616659
2,2-Dichloropropane	ND		0.500	1	02/04/2021 23:48	WG1616659
Di-isopropyl ether	ND	C3	0.500	1	02/04/2021 23:48	WG1616659
Ethylbenzene	ND		0.500	1	02/04/2021 23:48	WG1616659
Hexachloro-1,3-butadiene	ND		1.00	1	02/04/2021 23:48	WG1616659
Isopropylbenzene	ND		0.500	1	02/04/2021 23:48	WG1616659
p-Isopropyltoluene	ND		0.500	1	02/04/2021 23:48	WG1616659
2-Butanone (MEK)	ND	C3	5.00	1	02/04/2021 23:48	WG1616659
Methylene Chloride	ND		2.50	1	02/04/2021 23:48	WG1616659
4-Methyl-2-pentanone (MIBK)	ND	C3 J4	5.00	1	02/04/2021 23:48	WG1616659
Methyl tert-butyl ether	ND		0.500	1	02/04/2021 23:48	WG1616659
Naphthalene	ND		2.50	1	02/04/2021 23:48	WG1616659
n-Propylbenzene	ND		0.500	1	02/04/2021 23:48	WG1616659
Styrene	ND		0.500	1	02/04/2021 23:48	WG1616659
1,1,1,2-Tetrachloroethane	ND		0.500	1	02/04/2021 23:48	WG1616659
1,1,2,2-Tetrachloroethane	ND		0.500	1	02/04/2021 23:48	WG1616659
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	02/04/2021 23:48	WG1616659
Tetrachloroethene	2.89	C5	0.500	1	02/04/2021 23:48	WG1616659
Toluene	ND		0.500	1	02/04/2021 23:48	WG1616659
1,2,3-Trichlorobenzene	ND		0.500	1	02/04/2021 23:48	WG1616659

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	02/04/2021 23:48	WG1616659
1,1,1-Trichloroethane	ND		0.500	1	02/04/2021 23:48	WG1616659
1,1,2-Trichloroethane	ND		0.500	1	02/04/2021 23:48	WG1616659
Trichloroethene	59.7		0.500	1	02/04/2021 23:48	WG1616659
Trichlorofluoromethane	ND		2.50	1	02/04/2021 23:48	WG1616659
1,2,3-Trichloropropane	ND		2.50	1	02/04/2021 23:48	WG1616659
1,2,4-Trimethylbenzene	ND		0.500	1	02/04/2021 23:48	WG1616659
1,2,3-Trimethylbenzene	ND		0.500	1	02/04/2021 23:48	WG1616659
1,3,5-Trimethylbenzene	ND		0.500	1	02/04/2021 23:48	WG1616659
Vinyl chloride	ND		0.500	1	02/04/2021 23:48	WG1616659
Xylenes, Total	ND		1.50	1	02/04/2021 23:48	WG1616659
(S) Toluene-d8	101		80.0-120		02/04/2021 23:48	WG1616659
(S) 4-Bromofluorobenzene	88.9		77.0-126		02/04/2021 23:48	WG1616659
(S) 1,2-Dichloroethane-d4	94.1		70.0-130		02/04/2021 23:48	WG1616659

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	C3	25.0	1	02/05/2021 00:10	WG1616659
Acrolein	ND		50.0	1	02/05/2021 00:10	WG1616659
Acrylonitrile	ND		5.00	1	02/05/2021 00:10	WG1616659
Benzene	ND		0.500	1	02/05/2021 00:10	WG1616659
Bromobenzene	ND		0.500	1	02/05/2021 00:10	WG1616659
Bromodichloromethane	ND		0.500	1	02/05/2021 00:10	WG1616659
Bromoform	ND		0.500	1	02/05/2021 00:10	WG1616659
Bromomethane	ND		2.50	1	02/05/2021 00:10	WG1616659
n-Butylbenzene	ND		0.500	1	02/05/2021 00:10	WG1616659
sec-Butylbenzene	ND		0.500	1	02/05/2021 00:10	WG1616659
tert-Butylbenzene	ND		0.500	1	02/05/2021 00:10	WG1616659
Carbon disulfide	ND		0.500	1	02/05/2021 00:10	WG1616659
Carbon tetrachloride	ND		0.500	1	02/05/2021 00:10	WG1616659
Chlorobenzene	ND		0.500	1	02/05/2021 00:10	WG1616659
Chlorodibromomethane	ND		0.500	1	02/05/2021 00:10	WG1616659
Chloroethane	ND		2.50	1	02/05/2021 00:10	WG1616659
Chloroform	ND		0.500	1	02/05/2021 00:10	WG1616659
Chloromethane	ND		1.25	1	02/05/2021 00:10	WG1616659
2-Chlorotoluene	ND		0.500	1	02/05/2021 00:10	WG1616659
4-Chlorotoluene	ND		0.500	1	02/05/2021 00:10	WG1616659
1,2-Dibromo-3-Chloropropane	ND		2.50	1	02/05/2021 00:10	WG1616659
1,2-Dibromoethane	ND		0.500	1	02/05/2021 00:10	WG1616659
Dibromomethane	ND		0.500	1	02/05/2021 00:10	WG1616659
1,2-Dichlorobenzene	ND		0.500	1	02/05/2021 00:10	WG1616659
1,3-Dichlorobenzene	ND		0.500	1	02/05/2021 00:10	WG1616659
1,4-Dichlorobenzene	ND		0.500	1	02/05/2021 00:10	WG1616659
Dichlorodifluoromethane	ND		2.50	1	02/05/2021 00:10	WG1616659
1,1-Dichloroethane	ND		0.500	1	02/05/2021 00:10	WG1616659
1,2-Dichloroethane	ND		0.500	1	02/05/2021 00:10	WG1616659
1,1-Dichloroethene	ND		0.500	1	02/05/2021 00:10	WG1616659
cis-1,2-Dichloroethene	8.29		0.500	1	02/05/2021 00:10	WG1616659
trans-1,2-Dichloroethene	ND		0.500	1	02/05/2021 00:10	WG1616659
1,2-Dichloropropane	ND		0.500	1	02/05/2021 00:10	WG1616659
1,1-Dichloropropene	ND		0.500	1	02/05/2021 00:10	WG1616659
1,3-Dichloropropane	ND		1.00	1	02/05/2021 00:10	WG1616659
cis-1,3-Dichloropropene	ND		0.500	1	02/05/2021 00:10	WG1616659
trans-1,3-Dichloropropene	ND		0.500	1	02/05/2021 00:10	WG1616659
2,2-Dichloropropane	ND		0.500	1	02/05/2021 00:10	WG1616659
Di-isopropyl ether	ND	C3	0.500	1	02/05/2021 00:10	WG1616659
Ethylbenzene	ND		0.500	1	02/05/2021 00:10	WG1616659
Hexachloro-1,3-butadiene	ND		1.00	1	02/05/2021 00:10	WG1616659
Isopropylbenzene	ND		0.500	1	02/05/2021 00:10	WG1616659
p-Isopropyltoluene	ND		0.500	1	02/05/2021 00:10	WG1616659
2-Butanone (MEK)	ND	C3	5.00	1	02/05/2021 00:10	WG1616659
Methylene Chloride	ND		2.50	1	02/05/2021 00:10	WG1616659
4-Methyl-2-pentanone (MIBK)	ND	C3 J4	5.00	1	02/05/2021 00:10	WG1616659
Methyl tert-butyl ether	ND		0.500	1	02/05/2021 00:10	WG1616659
Naphthalene	ND		2.50	1	02/05/2021 00:10	WG1616659
n-Propylbenzene	ND		0.500	1	02/05/2021 00:10	WG1616659
Styrene	ND		0.500	1	02/05/2021 00:10	WG1616659
1,1,1,2-Tetrachloroethane	ND		0.500	1	02/05/2021 00:10	WG1616659
1,1,2,2-Tetrachloroethane	ND		0.500	1	02/05/2021 00:10	WG1616659
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	02/05/2021 00:10	WG1616659
Tetrachloroethene	2.48	C5	0.500	1	02/05/2021 00:10	WG1616659
Toluene	ND		0.500	1	02/05/2021 00:10	WG1616659
1,2,3-Trichlorobenzene	ND		0.500	1	02/05/2021 00:10	WG1616659

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Collected date/time: 02/02/21 10:41

L1313450

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	02/05/2021 00:10	WG1616659
1,1,1-Trichloroethane	ND		0.500	1	02/05/2021 00:10	WG1616659
1,1,2-Trichloroethane	ND		0.500	1	02/05/2021 00:10	WG1616659
Trichloroethene	58.6		0.500	1	02/05/2021 00:10	WG1616659
Trichlorofluoromethane	ND		2.50	1	02/05/2021 00:10	WG1616659
1,2,3-Trichloropropane	ND		2.50	1	02/05/2021 00:10	WG1616659
1,2,4-Trimethylbenzene	ND		0.500	1	02/05/2021 00:10	WG1616659
1,2,3-Trimethylbenzene	ND		0.500	1	02/05/2021 00:10	WG1616659
1,3,5-Trimethylbenzene	ND		0.500	1	02/05/2021 00:10	WG1616659
Vinyl chloride	ND		0.500	1	02/05/2021 00:10	WG1616659
Xylenes, Total	ND		1.50	1	02/05/2021 00:10	WG1616659
(S) Toluene-d8	102		80.0-120		02/05/2021 00:10	WG1616659
(S) 4-Bromofluorobenzene	87.6		77.0-126		02/05/2021 00:10	WG1616659
(S) 1,2-Dichloroethane-d4	92.2		70.0-130		02/05/2021 00:10	WG1616659

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	C3	25.0	1	02/05/2021 00:32	WG1616659
Acrolein	ND		50.0	1	02/05/2021 00:32	WG1616659
Acrylonitrile	ND		5.00	1	02/05/2021 00:32	WG1616659
Benzene	ND		0.500	1	02/05/2021 00:32	WG1616659
Bromobenzene	ND		0.500	1	02/05/2021 00:32	WG1616659
Bromodichloromethane	ND		0.500	1	02/05/2021 00:32	WG1616659
Bromoform	ND		0.500	1	02/05/2021 00:32	WG1616659
Bromomethane	ND		2.50	1	02/05/2021 00:32	WG1616659
n-Butylbenzene	ND		0.500	1	02/05/2021 00:32	WG1616659
sec-Butylbenzene	ND		0.500	1	02/05/2021 00:32	WG1616659
tert-Butylbenzene	ND		0.500	1	02/05/2021 00:32	WG1616659
Carbon disulfide	ND		0.500	1	02/05/2021 00:32	WG1616659
Carbon tetrachloride	ND		0.500	1	02/05/2021 00:32	WG1616659
Chlorobenzene	ND		0.500	1	02/05/2021 00:32	WG1616659
Chlorodibromomethane	ND		0.500	1	02/05/2021 00:32	WG1616659
Chloroethane	ND		2.50	1	02/05/2021 00:32	WG1616659
Chloroform	ND		0.500	1	02/05/2021 00:32	WG1616659
Chloromethane	ND		1.25	1	02/05/2021 00:32	WG1616659
2-Chlorotoluene	ND		0.500	1	02/05/2021 00:32	WG1616659
4-Chlorotoluene	ND		0.500	1	02/05/2021 00:32	WG1616659
1,2-Dibromo-3-Chloropropane	ND		2.50	1	02/05/2021 00:32	WG1616659
1,2-Dibromoethane	ND		0.500	1	02/05/2021 00:32	WG1616659
Dibromomethane	ND		0.500	1	02/05/2021 00:32	WG1616659
1,2-Dichlorobenzene	ND		0.500	1	02/05/2021 00:32	WG1616659
1,3-Dichlorobenzene	ND		0.500	1	02/05/2021 00:32	WG1616659
1,4-Dichlorobenzene	ND		0.500	1	02/05/2021 00:32	WG1616659
Dichlorodifluoromethane	ND		2.50	1	02/05/2021 00:32	WG1616659
1,1-Dichloroethane	ND		0.500	1	02/05/2021 00:32	WG1616659
1,2-Dichloroethane	ND		0.500	1	02/05/2021 00:32	WG1616659
1,1-Dichloroethene	ND		0.500	1	02/05/2021 00:32	WG1616659
cis-1,2-Dichloroethene	ND		0.500	1	02/05/2021 00:32	WG1616659
trans-1,2-Dichloroethene	ND		0.500	1	02/05/2021 00:32	WG1616659
1,2-Dichloropropane	ND		0.500	1	02/05/2021 00:32	WG1616659
1,1-Dichloropropene	ND		0.500	1	02/05/2021 00:32	WG1616659
1,3-Dichloropropane	ND		1.00	1	02/05/2021 00:32	WG1616659
cis-1,3-Dichloropropene	ND		0.500	1	02/05/2021 00:32	WG1616659
trans-1,3-Dichloropropene	ND		0.500	1	02/05/2021 00:32	WG1616659
2,2-Dichloropropane	ND		0.500	1	02/05/2021 00:32	WG1616659
Di-isopropyl ether	ND	C3	0.500	1	02/05/2021 00:32	WG1616659
Ethylbenzene	ND		0.500	1	02/05/2021 00:32	WG1616659
Hexachloro-1,3-butadiene	ND		1.00	1	02/05/2021 00:32	WG1616659
Isopropylbenzene	ND		0.500	1	02/05/2021 00:32	WG1616659
p-Isopropyltoluene	ND		0.500	1	02/05/2021 00:32	WG1616659
2-Butanone (MEK)	ND	C3	5.00	1	02/05/2021 00:32	WG1616659
Methylene Chloride	ND		2.50	1	02/05/2021 00:32	WG1616659
4-Methyl-2-pentanone (MIBK)	ND	C3 J4	5.00	1	02/05/2021 00:32	WG1616659
Methyl tert-butyl ether	ND		0.500	1	02/05/2021 00:32	WG1616659
Naphthalene	ND		2.50	1	02/05/2021 00:32	WG1616659
n-Propylbenzene	ND		0.500	1	02/05/2021 00:32	WG1616659
Styrene	ND		0.500	1	02/05/2021 00:32	WG1616659
1,1,1,2-Tetrachloroethane	ND		0.500	1	02/05/2021 00:32	WG1616659
1,1,2,2-Tetrachloroethane	ND		0.500	1	02/05/2021 00:32	WG1616659
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	02/05/2021 00:32	WG1616659
Tetrachloroethene	ND		0.500	1	02/05/2021 00:32	WG1616659
Toluene	ND		0.500	1	02/05/2021 00:32	WG1616659
1,2,3-Trichlorobenzene	ND		0.500	1	02/05/2021 00:32	WG1616659

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Collected date/time: 02/02/21 11:18

L1313450

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	02/05/2021 00:32	WG1616659
1,1,1-Trichloroethane	ND		0.500	1	02/05/2021 00:32	WG1616659
1,1,2-Trichloroethane	ND		0.500	1	02/05/2021 00:32	WG1616659
Trichloroethene	ND		0.500	1	02/05/2021 00:32	WG1616659
Trichlorofluoromethane	ND		2.50	1	02/05/2021 00:32	WG1616659
1,2,3-Trichloropropane	ND		2.50	1	02/05/2021 00:32	WG1616659
1,2,4-Trimethylbenzene	ND		0.500	1	02/05/2021 00:32	WG1616659
1,2,3-Trimethylbenzene	ND		0.500	1	02/05/2021 00:32	WG1616659
1,3,5-Trimethylbenzene	ND		0.500	1	02/05/2021 00:32	WG1616659
Vinyl chloride	ND		0.500	1	02/05/2021 00:32	WG1616659
Xylenes, Total	ND		1.50	1	02/05/2021 00:32	WG1616659
(S) Toluene-d8	101		80.0-120		02/05/2021 00:32	WG1616659
(S) 4-Bromofluorobenzene	90.4		77.0-126		02/05/2021 00:32	WG1616659
(S) 1,2-Dichloroethane-d4	94.3		70.0-130		02/05/2021 00:32	WG1616659

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc



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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND	C3	25.0	1	02/05/2021 00:54	WG1616659
Acrolein	ND		50.0	1	02/05/2021 00:54	WG1616659
Acrylonitrile	ND		5.00	1	02/05/2021 00:54	WG1616659
Benzene	ND		0.500	1	02/05/2021 00:54	WG1616659
Bromobenzene	ND		0.500	1	02/05/2021 00:54	WG1616659
Bromodichloromethane	ND		0.500	1	02/05/2021 00:54	WG1616659
Bromoform	ND		0.500	1	02/05/2021 00:54	WG1616659
Bromomethane	ND		2.50	1	02/05/2021 00:54	WG1616659
n-Butylbenzene	ND		0.500	1	02/05/2021 00:54	WG1616659
sec-Butylbenzene	ND		0.500	1	02/05/2021 00:54	WG1616659
tert-Butylbenzene	ND		0.500	1	02/05/2021 00:54	WG1616659
Carbon disulfide	ND		0.500	1	02/05/2021 00:54	WG1616659
Carbon tetrachloride	ND		0.500	1	02/05/2021 00:54	WG1616659
Chlorobenzene	ND		0.500	1	02/05/2021 00:54	WG1616659
Chlorodibromomethane	ND		0.500	1	02/05/2021 00:54	WG1616659
Chloroethane	ND		2.50	1	02/05/2021 00:54	WG1616659
Chloroform	ND		0.500	1	02/05/2021 00:54	WG1616659
Chloromethane	ND		1.25	1	02/05/2021 00:54	WG1616659
2-Chlorotoluene	ND		0.500	1	02/05/2021 00:54	WG1616659
4-Chlorotoluene	ND		0.500	1	02/05/2021 00:54	WG1616659
1,2-Dibromo-3-Chloropropane	ND		2.50	1	02/05/2021 00:54	WG1616659
1,2-Dibromoethane	ND		0.500	1	02/05/2021 00:54	WG1616659
Dibromomethane	ND		0.500	1	02/05/2021 00:54	WG1616659
1,2-Dichlorobenzene	ND		0.500	1	02/05/2021 00:54	WG1616659
1,3-Dichlorobenzene	ND		0.500	1	02/05/2021 00:54	WG1616659
1,4-Dichlorobenzene	ND		0.500	1	02/05/2021 00:54	WG1616659
Dichlorodifluoromethane	ND		2.50	1	02/05/2021 00:54	WG1616659
1,1-Dichloroethane	ND		0.500	1	02/05/2021 00:54	WG1616659
1,2-Dichloroethane	ND		0.500	1	02/05/2021 00:54	WG1616659
1,1-Dichloroethene	ND		0.500	1	02/05/2021 00:54	WG1616659
cis-1,2-Dichloroethene	ND		0.500	1	02/05/2021 00:54	WG1616659
trans-1,2-Dichloroethene	ND		0.500	1	02/05/2021 00:54	WG1616659
1,2-Dichloropropane	ND		0.500	1	02/05/2021 00:54	WG1616659
1,1-Dichloropropene	ND		0.500	1	02/05/2021 00:54	WG1616659
1,3-Dichloropropane	ND		1.00	1	02/05/2021 00:54	WG1616659
cis-1,3-Dichloropropene	ND		0.500	1	02/05/2021 00:54	WG1616659
trans-1,3-Dichloropropene	ND		0.500	1	02/05/2021 00:54	WG1616659
2,2-Dichloropropane	ND		0.500	1	02/05/2021 00:54	WG1616659
Di-isopropyl ether	ND	C3	0.500	1	02/05/2021 00:54	WG1616659
Ethylbenzene	ND		0.500	1	02/05/2021 00:54	WG1616659
Hexachloro-1,3-butadiene	ND		1.00	1	02/05/2021 00:54	WG1616659
Isopropylbenzene	ND		0.500	1	02/05/2021 00:54	WG1616659
p-Isopropyltoluene	ND		0.500	1	02/05/2021 00:54	WG1616659
2-Butanone (MEK)	ND	C3	5.00	1	02/05/2021 00:54	WG1616659
Methylene Chloride	ND		2.50	1	02/05/2021 00:54	WG1616659
4-Methyl-2-pentanone (MIBK)	ND	C3 J4	5.00	1	02/05/2021 00:54	WG1616659
Methyl tert-butyl ether	ND		0.500	1	02/05/2021 00:54	WG1616659
Naphthalene	ND		2.50	1	02/05/2021 00:54	WG1616659
n-Propylbenzene	ND		0.500	1	02/05/2021 00:54	WG1616659
Styrene	ND		0.500	1	02/05/2021 00:54	WG1616659
1,1,1,2-Tetrachloroethane	ND		0.500	1	02/05/2021 00:54	WG1616659
1,1,2,2-Tetrachloroethane	ND		0.500	1	02/05/2021 00:54	WG1616659
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	02/05/2021 00:54	WG1616659
Tetrachloroethene	ND		0.500	1	02/05/2021 00:54	WG1616659
Toluene	ND		0.500	1	02/05/2021 00:54	WG1616659
1,2,3-Trichlorobenzene	ND		0.500	1	02/05/2021 00:54	WG1616659

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Collected date/time: 02/02/21 12:00

L1313450

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	02/05/2021 00:54	WG1616659
1,1,1-Trichloroethane	ND		0.500	1	02/05/2021 00:54	WG1616659
1,1,2-Trichloroethane	ND		0.500	1	02/05/2021 00:54	WG1616659
Trichloroethene	1.06		0.500	1	02/05/2021 00:54	WG1616659
Trichlorofluoromethane	ND		2.50	1	02/05/2021 00:54	WG1616659
1,2,3-Trichloropropane	ND		2.50	1	02/05/2021 00:54	WG1616659
1,2,4-Trimethylbenzene	ND		0.500	1	02/05/2021 00:54	WG1616659
1,2,3-Trimethylbenzene	ND		0.500	1	02/05/2021 00:54	WG1616659
1,3,5-Trimethylbenzene	ND		0.500	1	02/05/2021 00:54	WG1616659
Vinyl chloride	ND		0.500	1	02/05/2021 00:54	WG1616659
Xylenes, Total	ND		1.50	1	02/05/2021 00:54	WG1616659
(S) Toluene-d8	100		80.0-120		02/05/2021 00:54	WG1616659
(S) 4-Bromofluorobenzene	88.7		77.0-126		02/05/2021 00:54	WG1616659
(S) 1,2-Dichloroethane-d4	93.0		70.0-130		02/05/2021 00:54	WG1616659

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	C3	25.0	1	02/05/2021 01:15	WG1616659
Acrolein	ND		50.0	1	02/05/2021 01:15	WG1616659
Acrylonitrile	ND		5.00	1	02/05/2021 01:15	WG1616659
Benzene	ND		0.500	1	02/05/2021 01:15	WG1616659
Bromobenzene	ND		0.500	1	02/05/2021 01:15	WG1616659
Bromodichloromethane	ND		0.500	1	02/05/2021 01:15	WG1616659
Bromoform	ND		0.500	1	02/05/2021 01:15	WG1616659
Bromomethane	ND		2.50	1	02/05/2021 01:15	WG1616659
n-Butylbenzene	ND		0.500	1	02/05/2021 01:15	WG1616659
sec-Butylbenzene	ND		0.500	1	02/05/2021 01:15	WG1616659
tert-Butylbenzene	ND		0.500	1	02/05/2021 01:15	WG1616659
Carbon disulfide	ND		0.500	1	02/05/2021 01:15	WG1616659
Carbon tetrachloride	ND		0.500	1	02/05/2021 01:15	WG1616659
Chlorobenzene	ND		0.500	1	02/05/2021 01:15	WG1616659
Chlorodibromomethane	ND		0.500	1	02/05/2021 01:15	WG1616659
Chloroethane	ND		2.50	1	02/05/2021 01:15	WG1616659
Chloroform	ND		0.500	1	02/05/2021 01:15	WG1616659
Chloromethane	ND		1.25	1	02/05/2021 01:15	WG1616659
2-Chlorotoluene	ND		0.500	1	02/05/2021 01:15	WG1616659
4-Chlorotoluene	ND		0.500	1	02/05/2021 01:15	WG1616659
1,2-Dibromo-3-Chloropropane	ND		2.50	1	02/05/2021 01:15	WG1616659
1,2-Dibromoethane	ND		0.500	1	02/05/2021 01:15	WG1616659
Dibromomethane	ND		0.500	1	02/05/2021 01:15	WG1616659
1,2-Dichlorobenzene	ND		0.500	1	02/05/2021 01:15	WG1616659
1,3-Dichlorobenzene	ND		0.500	1	02/05/2021 01:15	WG1616659
1,4-Dichlorobenzene	ND		0.500	1	02/05/2021 01:15	WG1616659
Dichlorodifluoromethane	ND		2.50	1	02/05/2021 01:15	WG1616659
1,1-Dichloroethane	ND		0.500	1	02/05/2021 01:15	WG1616659
1,2-Dichloroethane	ND		0.500	1	02/05/2021 01:15	WG1616659
1,1-Dichloroethene	ND		0.500	1	02/05/2021 01:15	WG1616659
cis-1,2-Dichloroethene	ND		0.500	1	02/05/2021 01:15	WG1616659
trans-1,2-Dichloroethene	ND		0.500	1	02/05/2021 01:15	WG1616659
1,2-Dichloropropane	ND		0.500	1	02/05/2021 01:15	WG1616659
1,1-Dichloropropene	ND		0.500	1	02/05/2021 01:15	WG1616659
1,3-Dichloropropane	ND		1.00	1	02/05/2021 01:15	WG1616659
cis-1,3-Dichloropropene	ND		0.500	1	02/05/2021 01:15	WG1616659
trans-1,3-Dichloropropene	ND		0.500	1	02/05/2021 01:15	WG1616659
2,2-Dichloropropane	ND		0.500	1	02/05/2021 01:15	WG1616659
Di-isopropyl ether	ND	C3	0.500	1	02/05/2021 01:15	WG1616659
Ethylbenzene	ND		0.500	1	02/05/2021 01:15	WG1616659
Hexachloro-1,3-butadiene	ND		1.00	1	02/05/2021 01:15	WG1616659
Isopropylbenzene	ND		0.500	1	02/05/2021 01:15	WG1616659
p-Isopropyltoluene	ND		0.500	1	02/05/2021 01:15	WG1616659
2-Butanone (MEK)	ND	C3	5.00	1	02/05/2021 01:15	WG1616659
Methylene Chloride	ND		2.50	1	02/05/2021 01:15	WG1616659
4-Methyl-2-pentanone (MIBK)	ND	C3 J4	5.00	1	02/05/2021 01:15	WG1616659
Methyl tert-butyl ether	ND		0.500	1	02/05/2021 01:15	WG1616659
Naphthalene	ND		2.50	1	02/05/2021 01:15	WG1616659
n-Propylbenzene	ND		0.500	1	02/05/2021 01:15	WG1616659
Styrene	ND		0.500	1	02/05/2021 01:15	WG1616659
1,1,1,2-Tetrachloroethane	ND		0.500	1	02/05/2021 01:15	WG1616659
1,1,2,2-Tetrachloroethane	ND		0.500	1	02/05/2021 01:15	WG1616659
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	02/05/2021 01:15	WG1616659
Tetrachloroethene	ND		0.500	1	02/05/2021 01:15	WG1616659
Toluene	ND		0.500	1	02/05/2021 01:15	WG1616659
1,2,3-Trichlorobenzene	ND		0.500	1	02/05/2021 01:15	WG1616659

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Collected date/time: 02/02/21 12:20

L1313450

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	02/05/2021 01:15	WG1616659
1,1,1-Trichloroethane	ND		0.500	1	02/05/2021 01:15	WG1616659
1,1,2-Trichloroethane	ND		0.500	1	02/05/2021 01:15	WG1616659
Trichloroethene	9.01		0.500	1	02/05/2021 01:15	WG1616659
Trichlorofluoromethane	ND		2.50	1	02/05/2021 01:15	WG1616659
1,2,3-Trichloropropane	ND		2.50	1	02/05/2021 01:15	WG1616659
1,2,4-Trimethylbenzene	ND		0.500	1	02/05/2021 01:15	WG1616659
1,2,3-Trimethylbenzene	ND		0.500	1	02/05/2021 01:15	WG1616659
1,3,5-Trimethylbenzene	ND		0.500	1	02/05/2021 01:15	WG1616659
Vinyl chloride	ND		0.500	1	02/05/2021 01:15	WG1616659
Xylenes, Total	ND		1.50	1	02/05/2021 01:15	WG1616659
(S) Toluene-d8	100		80.0-120		02/05/2021 01:15	WG1616659
(S) 4-Bromofluorobenzene	89.8		77.0-126		02/05/2021 01:15	WG1616659
(S) 1,2-Dichloroethane-d4	91.9		70.0-130		02/05/2021 01:15	WG1616659

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc



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	02/07/2021 10:03	WG1617115
Acrolein	ND		50.0	1	02/07/2021 10:03	WG1617115
Acrylonitrile	ND		5.00	1	02/07/2021 10:03	WG1617115
Benzene	ND		0.500	1	02/07/2021 10:03	WG1617115
Bromobenzene	ND		0.500	1	02/07/2021 10:03	WG1617115
Bromodichloromethane	ND		0.500	1	02/07/2021 10:03	WG1617115
Bromoform	ND		0.500	1	02/07/2021 10:03	WG1617115
Bromomethane	ND		2.50	1	02/07/2021 10:03	WG1617115
n-Butylbenzene	ND		0.500	1	02/07/2021 10:03	WG1617115
sec-Butylbenzene	ND		0.500	1	02/07/2021 10:03	WG1617115
tert-Butylbenzene	ND		0.500	1	02/07/2021 10:03	WG1617115
Carbon disulfide	ND		0.500	1	02/07/2021 10:03	WG1617115
Carbon tetrachloride	ND		0.500	1	02/07/2021 10:03	WG1617115
Chlorobenzene	ND		0.500	1	02/07/2021 10:03	WG1617115
Chlorodibromomethane	ND		0.500	1	02/07/2021 10:03	WG1617115
Chloroethane	ND		2.50	1	02/07/2021 10:03	WG1617115
Chloroform	ND		0.500	1	02/07/2021 10:03	WG1617115
Chloromethane	ND		1.25	1	02/07/2021 10:03	WG1617115
2-Chlorotoluene	ND		0.500	1	02/07/2021 10:03	WG1617115
4-Chlorotoluene	ND		0.500	1	02/07/2021 10:03	WG1617115
1,2-Dibromo-3-Chloropropane	ND		2.50	1	02/07/2021 10:03	WG1617115
1,2-Dibromoethane	ND		0.500	1	02/07/2021 10:03	WG1617115
Dibromomethane	ND		0.500	1	02/07/2021 10:03	WG1617115
1,2-Dichlorobenzene	ND		0.500	1	02/07/2021 10:03	WG1617115
1,3-Dichlorobenzene	ND		0.500	1	02/07/2021 10:03	WG1617115
1,4-Dichlorobenzene	ND		0.500	1	02/07/2021 10:03	WG1617115
Dichlorodifluoromethane	ND		2.50	1	02/07/2021 10:03	WG1617115
1,1-Dichloroethane	ND		0.500	1	02/07/2021 10:03	WG1617115
1,2-Dichloroethane	ND		0.500	1	02/07/2021 10:03	WG1617115
1,1-Dichloroethene	ND		0.500	1	02/07/2021 10:03	WG1617115
cis-1,2-Dichloroethene	ND		0.500	1	02/07/2021 10:03	WG1617115
trans-1,2-Dichloroethene	ND		0.500	1	02/07/2021 10:03	WG1617115
1,2-Dichloropropane	ND		0.500	1	02/07/2021 10:03	WG1617115
1,1-Dichloropropene	ND		0.500	1	02/07/2021 10:03	WG1617115
1,3-Dichloropropane	ND		1.00	1	02/07/2021 10:03	WG1617115
cis-1,3-Dichloropropene	ND		0.500	1	02/07/2021 10:03	WG1617115
trans-1,3-Dichloropropene	ND		0.500	1	02/07/2021 10:03	WG1617115
2,2-Dichloropropane	ND		0.500	1	02/07/2021 10:03	WG1617115
Di-isopropyl ether	ND		0.500	1	02/07/2021 10:03	WG1617115
Ethylbenzene	ND		0.500	1	02/07/2021 10:03	WG1617115
Hexachloro-1,3-butadiene	ND		1.00	1	02/07/2021 10:03	WG1617115
Isopropylbenzene	ND		0.500	1	02/07/2021 10:03	WG1617115
p-Isopropyltoluene	ND		0.500	1	02/07/2021 10:03	WG1617115
2-Butanone (MEK)	ND		5.00	1	02/07/2021 10:03	WG1617115
Methylene Chloride	ND		2.50	1	02/07/2021 10:03	WG1617115
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	02/07/2021 10:03	WG1617115
Methyl tert-butyl ether	ND		0.500	1	02/07/2021 10:03	WG1617115
Naphthalene	ND		2.50	1	02/07/2021 10:03	WG1617115
n-Propylbenzene	ND		0.500	1	02/07/2021 10:03	WG1617115
Styrene	ND		0.500	1	02/07/2021 10:03	WG1617115
1,1,1,2-Tetrachloroethane	ND		0.500	1	02/07/2021 10:03	WG1617115
1,1,2,2-Tetrachloroethane	ND		0.500	1	02/07/2021 10:03	WG1617115
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	02/07/2021 10:03	WG1617115
Tetrachloroethene	ND		0.500	1	02/07/2021 10:03	WG1617115
Toluene	ND		0.500	1	02/07/2021 10:03	WG1617115
1,2,3-Trichlorobenzene	ND		0.500	1	02/07/2021 10:03	WG1617115

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	02/07/2021 10:03	WG1617115
1,1,1-Trichloroethane	ND		0.500	1	02/07/2021 10:03	WG1617115
1,1,2-Trichloroethane	ND		0.500	1	02/07/2021 10:03	WG1617115
Trichloroethene	ND		0.500	1	02/07/2021 10:03	WG1617115
Trichlorofluoromethane	ND		2.50	1	02/07/2021 10:03	WG1617115
1,2,3-Trichloropropane	ND		2.50	1	02/07/2021 10:03	WG1617115
1,2,4-Trimethylbenzene	ND		0.500	1	02/07/2021 10:03	WG1617115
1,2,3-Trimethylbenzene	ND		0.500	1	02/07/2021 10:03	WG1617115
1,3,5-Trimethylbenzene	ND		0.500	1	02/07/2021 10:03	WG1617115
Vinyl chloride	ND		0.500	1	02/07/2021 10:03	WG1617115
Xylenes, Total	ND		1.50	1	02/07/2021 10:03	WG1617115
(S) Toluene-d8	104		80.0-120		02/07/2021 10:03	WG1617115
(S) 4-Bromofluorobenzene	102		77.0-126		02/07/2021 10:03	WG1617115
(S) 1,2-Dichloroethane-d4	104		70.0-130		02/07/2021 10:03	WG1617115

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc



Method Blank (MB)

(MB) R3619742-2 02/04/21 16:54

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) R3619742-2 02/04/21 16:54

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	100			80.0-120
(S) 4-Bromofluorobenzene	90.4			77.0-126
(S) 1,2-Dichloroethane-d4	90.7			70.0-130

1

Cp

2

Tc

3

Ss

4

Cn

5

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) R3619742-1 02/04/21 15:28

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Acetone	25.0	16.0	64.0	19.0-160	
Acrolein	25.0	24.5	98.0	10.0-160	
Acrylonitrile	25.0	19.1	76.4	55.0-149	



Laboratory Control Sample (LCS)

(LCS) R3619742-1 02/04/21 15:28

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	<u>LCS Qualifier</u>
Benzene	5.00	4.65	93.0	70.0-123	
Bromobenzene	5.00	4.47	89.4	73.0-121	
Bromodichloromethane	5.00	4.28	85.6	75.0-120	
Bromoform	5.00	4.38	87.6	68.0-132	
Bromomethane	5.00	5.12	102	10.0-160	
n-Butylbenzene	5.00	4.66	93.2	73.0-125	
sec-Butylbenzene	5.00	5.01	100	75.0-125	
tert-Butylbenzene	5.00	4.77	95.4	76.0-124	
Carbon disulfide	5.00	5.53	111	61.0-128	
Carbon tetrachloride	5.00	4.71	94.2	68.0-126	
Chlorobenzene	5.00	4.83	96.6	80.0-121	
Chlorodibromomethane	5.00	4.76	95.2	77.0-125	
Chloroethane	5.00	4.96	99.2	47.0-150	
Chloroform	5.00	4.97	99.4	73.0-120	
Chloromethane	5.00	4.10	82.0	41.0-142	
2-Chlorotoluene	5.00	4.76	95.2	76.0-123	
4-Chlorotoluene	5.00	4.52	90.4	75.0-122	
1,2-Dibromo-3-Chloropropane	5.00	3.62	72.4	58.0-134	
1,2-Dibromoethane	5.00	4.66	93.2	80.0-122	
Dibromomethane	5.00	4.59	91.8	80.0-120	
1,2-Dichlorobenzene	5.00	4.95	99.0	79.0-121	
1,3-Dichlorobenzene	5.00	4.77	95.4	79.0-120	
1,4-Dichlorobenzene	5.00	4.84	96.8	79.0-120	
Dichlorodifluoromethane	5.00	4.97	99.4	51.0-149	
1,1-Dichloroethane	5.00	4.31	86.2	70.0-126	
1,2-Dichloroethane	5.00	4.57	91.4	70.0-128	
1,1-Dichloroethene	5.00	5.24	105	71.0-124	
cis-1,2-Dichloroethene	5.00	4.64	92.8	73.0-120	
trans-1,2-Dichloroethene	5.00	5.44	109	73.0-120	
1,2-Dichloropropane	5.00	4.62	92.4	77.0-125	
1,1-Dichloropropene	5.00	5.00	100	74.0-126	
1,3-Dichloropropane	5.00	4.62	92.4	80.0-120	
cis-1,3-Dichloropropene	5.00	4.36	87.2	80.0-123	
trans-1,3-Dichloropropene	5.00	4.21	84.2	78.0-124	
2,2-Dichloropropane	5.00	5.05	101	58.0-130	
Di-isopropyl ether	5.00	3.63	72.6	58.0-138	
Ethylbenzene	5.00	4.78	95.6	79.0-123	
Hexachloro-1,3-butadiene	5.00	5.34	107	54.0-138	
Isopropylbenzene	5.00	4.87	97.4	76.0-127	
p-Isopropyltoluene	5.00	4.80	96.0	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) R3619742-1 02/04/21 15:28

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
2-Butanone (MEK)	25.0	14.8	59.2	44.0-160	
Methylene Chloride	5.00	5.06	101	67.0-120	
4-Methyl-2-pentanone (MIBK)	25.0	16.5	66.0	68.0-142	J4
Methyl tert-butyl ether	5.00	4.36	87.2	68.0-125	
Naphthalene	5.00	4.10	82.0	54.0-135	
n-Propylbenzene	5.00	4.68	93.6	77.0-124	
Styrene	5.00	4.78	95.6	73.0-130	
1,1,1,2-Tetrachloroethane	5.00	4.63	92.6	75.0-125	
1,1,2,2-Tetrachloroethane	5.00	4.36	87.2	65.0-130	
1,1,2-Trichlorotrifluoroethane	5.00	5.31	106	69.0-132	
Tetrachloroethene	5.00	5.46	109	72.0-132	
Toluene	5.00	5.10	102	79.0-120	
1,2,3-Trichlorobenzene	5.00	4.57	91.4	50.0-138	
1,2,4-Trichlorobenzene	5.00	4.46	89.2	57.0-137	
1,1,1-Trichloroethane	5.00	4.82	96.4	73.0-124	
1,1,2-Trichloroethane	5.00	4.84	96.8	80.0-120	
Trichloroethene	5.00	4.59	91.8	78.0-124	
Trichlorofluoromethane	5.00	4.72	94.4	59.0-147	
1,2,3-Trichloropropane	5.00	4.57	91.4	73.0-130	
1,2,4-Trimethylbenzene	5.00	5.03	101	76.0-121	
1,2,3-Trimethylbenzene	5.00	5.98	120	77.0-120	
1,3,5-Trimethylbenzene	5.00	4.84	96.8	76.0-122	
Vinyl chloride	5.00	4.78	95.6	67.0-131	
Xylenes, Total	15.0	14.0	93.3	79.0-123	
(S) Toluene-d8			98.0	80.0-120	
(S) 4-Bromofluorobenzene			91.8	77.0-126	
(S) 1,2-Dichloroethane-d4			92.3	70.0-130	

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc



Method Blank (MB)

(MB) R3620687-2 02/07/21 07:57

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) R3620687-2 02/07/21 07:57

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	0.418	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	0.431	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	105			80.0-120
(S) 4-Bromofluorobenzene	103			77.0-126
(S) 1,2-Dichloroethane-d4	104			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) R3620687-1 02/07/21 07:16

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Acetone	25.0	30.8	123	19.0-160	
Acrolein	25.0	23.4	93.6	10.0-160	
Acrylonitrile	25.0	25.1	100	55.0-149	



Laboratory Control Sample (LCS)

(LCS) R3620687-1 02/07/21 07:16

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	<u>LCS Qualifier</u>
Benzene	5.00	5.41	108	70.0-123	
Bromobenzene	5.00	5.13	103	73.0-121	
Bromodichloromethane	5.00	5.48	110	75.0-120	
Bromoform	5.00	5.37	107	68.0-132	
Bromomethane	5.00	4.38	87.6	10.0-160	
n-Butylbenzene	5.00	5.35	107	73.0-125	
sec-Butylbenzene	5.00	5.41	108	75.0-125	
tert-Butylbenzene	5.00	5.32	106	76.0-124	
Carbon disulfide	5.00	5.24	105	61.0-128	
Carbon tetrachloride	5.00	5.17	103	68.0-126	
Chlorobenzene	5.00	5.43	109	80.0-121	
Chlorodibromomethane	5.00	5.29	106	77.0-125	
Chloroethane	5.00	5.20	104	47.0-150	
Chloroform	5.00	5.29	106	73.0-120	
Chloromethane	5.00	6.59	132	41.0-142	
2-Chlorotoluene	5.00	5.26	105	76.0-123	
4-Chlorotoluene	5.00	5.29	106	75.0-122	
1,2-Dibromo-3-Chloropropane	5.00	5.66	113	58.0-134	
1,2-Dibromoethane	5.00	5.87	117	80.0-122	
Dibromomethane	5.00	5.48	110	80.0-120	
1,2-Dichlorobenzene	5.00	5.72	114	79.0-121	
1,3-Dichlorobenzene	5.00	5.47	109	79.0-120	
1,4-Dichlorobenzene	5.00	5.40	108	79.0-120	
Dichlorodifluoromethane	5.00	5.00	100	51.0-149	
1,1-Dichloroethane	5.00	5.43	109	70.0-126	
1,2-Dichloroethane	5.00	5.40	108	70.0-128	
1,1-Dichloroethene	5.00	5.43	109	71.0-124	
cis-1,2-Dichloroethene	5.00	5.35	107	73.0-120	
trans-1,2-Dichloroethene	5.00	5.52	110	73.0-120	
1,2-Dichloropropane	5.00	5.66	113	77.0-125	
1,1-Dichloropropene	5.00	5.31	106	74.0-126	
1,3-Dichloropropane	5.00	5.63	113	80.0-120	
cis-1,3-Dichloropropene	5.00	5.68	114	80.0-123	
trans-1,3-Dichloropropene	5.00	5.77	115	78.0-124	
2,2-Dichloropropane	5.00	4.25	85.0	58.0-130	
Di-isopropyl ether	5.00	5.46	109	58.0-138	
Ethylbenzene	5.00	5.83	117	79.0-123	
Hexachloro-1,3-butadiene	5.00	4.58	91.6	54.0-138	
Isopropylbenzene	5.00	5.54	111	76.0-127	
p-Isopropyltoluene	5.00	5.41	108	76.0-125	

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc



Laboratory Control Sample (LCS)

(LCS) R3620687-1 02/07/21 07:16

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	<u>LCS Qualifier</u>
2-Butanone (MEK)	25.0	26.9	108	44.0-160	
Methylene Chloride	5.00	5.50	110	67.0-120	
4-Methyl-2-pentanone (MIBK)	25.0	28.6	114	68.0-142	
Methyl tert-butyl ether	5.00	5.32	106	68.0-125	
Naphthalene	5.00	4.51	90.2	54.0-135	
n-Propylbenzene	5.00	5.41	108	77.0-124	
Styrene	5.00	5.59	112	73.0-130	
1,1,1,2-Tetrachloroethane	5.00	5.22	104	75.0-125	
1,1,2,2-Tetrachloroethane	5.00	5.57	111	65.0-130	
1,1,2-Trichlorotrifluoroethane	5.00	5.04	101	69.0-132	
Tetrachloroethene	5.00	5.04	101	72.0-132	
Toluene	5.00	5.54	111	79.0-120	
1,2,3-Trichlorobenzene	5.00	4.34	86.8	50.0-138	
1,2,4-Trichlorobenzene	5.00	4.43	88.6	57.0-137	
1,1,1-Trichloroethane	5.00	5.48	110	73.0-124	
1,1,2-Trichloroethane	5.00	5.36	107	80.0-120	
Trichloroethene	5.00	5.46	109	78.0-124	
Trichlorofluoromethane	5.00	4.86	97.2	59.0-147	
1,2,3-Trichloropropane	5.00	5.18	104	73.0-130	
1,2,4-Trimethylbenzene	5.00	5.13	103	76.0-121	
1,2,3-Trimethylbenzene	5.00	5.28	106	77.0-120	
1,3,5-Trimethylbenzene	5.00	5.22	104	76.0-122	
Vinyl chloride	5.00	5.54	111	67.0-131	
Xylenes, Total	15.0	16.9	113	79.0-123	
(S) Toluene-d8			104	80.0-120	
(S) 4-Bromofluorobenzene			105	77.0-126	
(S) 1,2-Dichloroethane-d4			107	70.0-130	

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc



Guide to Reading and Understanding Your Laboratory Report

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

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

Abbreviations and Definitions

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

Qualifier Description

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.
J	The identification of the analyte is acceptable; the reported value is an estimate.
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.

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

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico ¹	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina ¹	DW21704
Georgia	NELAP	North Carolina ³	41
Georgia ¹	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LAO00356
Kentucky ^{1 6}	KY90010	South Carolina	84004002
Kentucky ²	16	South Dakota	n/a
Louisiana	AI30792	Tennessee ^{1 4}	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas ⁵	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA – ISO 17025	1461.01	AIHA-LAP, LLC EMLAP	100789
A2LA – ISO 17025 ⁵	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

Pace Analytical National 1313 Point Mallard Parkway SE Suite B Decatur, AL, 35601

Alabama	40160
ANSI National Accreditation Board	L2239

Pace Analytical National 660 Bercut Dr. Ste. C Sacramento, CA, 95811

California	2961	Oregon	CA300002
Minnesota	006-999-465	Washington	C926
North Dakota	R-214		

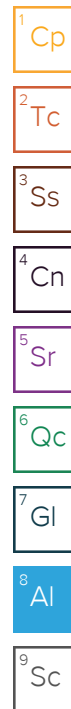
Pace Analytical National 6000 South Eastern Avenue Ste 9A Las Vegas, NV, 89119

Nevada	NV009412021-1
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Pace Analytical National 1606 E. Brazos Street Suite D Victoria, TX, 77901

Texas	T104704328-20-18
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¹ Drinking Water ² Underground Storage Tanks ³ Aquatic Toxicity ⁴ Chemical/Microbiological ⁵ Mold ⁶ Wastewater n/a Accreditation not applicable



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 <u>1</u> of <u>2</u>	
				Report to: Cindy Bartlett				Email To: CBartlett@Geosyntec.com; bwebb@Geosyntec.c				 12065 Lebanon Rd Mount Juliet, TN 37122 Phone: 615-758-5858 Phone: 800-767-5859 Fax: 615-758-5859 									
Project Description: Cascade TSA				City/State Collected: Fairview Oregon				Please Circle: ☒ PT ☐ MT ☐ CT ☐ ET		SDG # 1313450 J240 Acctnum: CASCORFOR Template: T180633 Prelogin: P822181 PM: 110 - Brian Ford PB: Shipped Via:											
Phone: 503-669-6286				Client Project # NG0564S20				Lab Project # CASCORFOR-PNG0564												Remarks Sample # (lab only)	
Collected by (print): PAT YADON				Site/Facility ID #				P.O. #		Rush? (Lab MUST Be Notified) ☐ Same Day ☐ Five Day ☐ Next Day ☐ 5 Day (Rad Only) ☐ Two Day ☐ 10 Day (Rad Only) ☐ Three Day											
Collected by (signature): Patrick E. Yodon				Quote #				Date Results Needed Standard Turnaround												No. of Cntrs	
Immediately Packed on Ice N ☐ Y ☒										Sample ID Comp/Grab Matrix * Depth Date Time											
																				EW2-020221 GW 2/2/21 8:00 3 X EW14-020221 GW 2/2/21 8:15 3 X EW23-020221 GW 2/2/21 8:22 3 X EW1-020221 GW 2/2/21 8:55 3 X EW16-020221 GW 2/2/21 9:40 3 X CMW17ds-020221 GW 2/2/21 9:50 3 X CMW17ds-020221 GW 2/2/21 9:51 3 X D17ds-020221 GW 2/2/21 10:00 3 X D17dg-020221 GW 2/2/21 10:10 3 X EW12-020221 GW 2/2/21 10:25 3 X	
* Matrix: SS - Soil AIR - Air F - Filter GW - Groundwater B - Bioassay WW - WasteWater DW - Drinking Water OT - Other				Remarks:				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									
Relinquished by: (Signature) Patrick Yodon				Date: 2-2-21		Time: 15:40		Received by: (Signature) FED EX				Trip Blank Received: ☒ Yes/ No ☒ HCL/ MeOH ☐ TBR				If preservation required by Login: Date/Time					
Relinquished by: (Signature)				Date:		Time:		Received by: (Signature)				Bottles Received: 48				Hold:					
Relinquished by: (Signature)				Date:		Time:		Received for lab by: (Signature) Patricio Michail				Date: 2-3-21 Time: 0900				Condition: NCF / 6					

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 2	
				Email To: CBartlett@Geosyntec.com; bwebb@Geosyntec.c				12065 Lebanon Rd Mount Juliet, TN 37122 Phone: 615-758-5858 Phone: 800-767-5859 Fax: 615-758-5859											
Report to: Cindy Bartlett																			
Project Description: Cascade TSA				City/State Collected: Fairview Oregon												Please Circle: ☒ PT ☐ MT ☐ CT ☐ ET			
Phone: 503-669-6286 PAT YADON				Client Project # PNG0564S20												Lab Project # CASCORFOR-PNG0564			
Collected by (print): Patrick E. Yodon				Site/Facility ID #												P.O. #			
Collected by (signature):				Rush? (Lab MUST Be Notified) ☐ Same Day ☐ Five Day ☐ Next Day ☐ 5 Day (Rad Only) ☐ Two Day ☐ 10 Day (Rad Only) ☐ Three Day				Quote #											
Immediately Packed on Ice N ☐ Y ☒				Date Results Needed				No. of Cntrs											
Sample ID				Comp/Grab		Matrix *		Depth		Date		Time							
CMW14Rds-020221						GW		2/2/21		10:52		3							
CMW18ds-020221						GW		2/2/21		10:40		3							
CMW18ds-020221-POP						GW		2/2/21		10:41		3							
CMW25dg-020221						GW		2/2/21		11:18		3							
CMW19ds-020221						GW		2/2/21		12:00		3							
CMW10ds-020221						GW		2/2/21		12:20		3							
						GW													
Trip Blank Lot# 460						GW		2/2/21		NA		1							
						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 # 4570 1660 4920								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) Patrick E. Yodon				Date: 2/2/21		Time: 15:40		Received by: (Signature) FedEx				Trip Blank Received: Yes / No ☒ HCL / MeOH TBR							
Relinquished by: (Signature)				Date:		Time:		Received by: (Signature)				Temp: 13 °C Bottles Received: 48							
Relinquished by: (Signature)				Date:		Time:		Received for lab by: (Signature) Patricio Michael				Date: 2-3-21 Time: 0900		Hold: Condition: NCF / OK					