

February 10, 2021

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

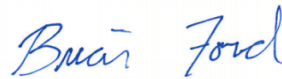
⁹ Sc

Cascade Corporation- Fairview, OR

Sample Delivery Group: L1313991
Samples Received: 02/04/2021
Project Number: PNG0564S20
Description: Cascade

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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⁹ Sc

SAMPLE SUMMARY

ONE LAB. NATIONWIDE.



VMWB-020321 L1313991-01 GW

				Collected by Pat Yadon	Collected date/time 02/03/21 08:30	Received date/time 02/04/21 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 11:04	02/07/21 11:04	ADM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1618603	1	02/10/21 02:53	02/10/21 02:53	ADM	Mt. Juliet, TN

¹ Cp

² Tc

³ Ss

VMWA-020321 L1313991-02 GW

				Collected by Pat Yadon	Collected date/time 02/03/21 08:42	Received date/time 02/04/21 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 11:55	02/07/21 11:55	ADM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1618603	1	02/10/21 03:12	02/10/21 03:12	ADM	Mt. Juliet, TN

⁴ Cn

⁵ Sr

⁶ Qc

VMWC-020321 L1313991-03 GW

				Collected by Pat Yadon	Collected date/time 02/03/21 08:56	Received date/time 02/04/21 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 12:15	02/07/21 12:15	ADM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1618603	1	02/10/21 03:31	02/10/21 03:31	ADM	Mt. Juliet, TN

⁷ Gl

⁸ Al

⁹ Sc

VMWH-020321 L1313991-04 GW

				Collected by Pat Yadon	Collected date/time 02/03/21 09:10	Received date/time 02/04/21 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 12:35	02/07/21 12:35	ADM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1618603	1	02/10/21 03:49	02/10/21 03:49	ADM	Mt. Juliet, TN

VMWD-020321 L1313991-05 GW

				Collected by Pat Yadon	Collected date/time 02/03/21 09:22	Received date/time 02/04/21 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 12:56	02/07/21 12:56	ADM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1618603	1	02/10/21 04:08	02/10/21 04:08	ADM	Mt. Juliet, TN

VMWE-020321 L1313991-06 GW

				Collected by Pat Yadon	Collected date/time 02/03/21 09:39	Received date/time 02/04/21 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 13:16	02/07/21 13:16	ADM	Mt. Juliet, TN

VMWF-020321 L1313991-07 GW

				Collected by Pat Yadon	Collected date/time 02/03/21 09:50	Received date/time 02/04/21 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 13:36	02/07/21 13:36	ADM	Mt. Juliet, TN

ACCOUNT:

Cascade Corporation- Fairview, OR

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SAMPLE SUMMARY

ONE LAB. NATIONWIDE.



VMWG-020321 L1313991-08 GW

				Collected by Pat Yadon	Collected date/time 02/03/21 10:05	Received date/time 02/04/21 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 13:57	02/07/21 13:57	ADM	Mt. Juliet, TN

¹ Cp

² Tc

³ Ss

VMWJ2-020321-120.22 L1313991-09 GW

				Collected by Pat Yadon	Collected date/time 02/03/21 13:30	Received date/time 02/04/21 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 14:17	02/07/21 14:17	ADM	Mt. Juliet, TN

⁴ Cn

⁵ Sr

VMWK-020321-114.25 L1313991-10 GW

				Collected by Pat Yadon	Collected date/time 02/03/21 13:43	Received date/time 02/04/21 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 14:38	02/07/21 14:38	ADM	Mt. Juliet, TN

⁶ Qc

⁷ Gl

VMWI-020321-126.4 L1313991-11 GW

				Collected by Pat Yadon	Collected date/time 02/03/21 12:40	Received date/time 02/04/21 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 14:57	02/07/21 14:57	ADM	Mt. Juliet, TN

⁸ Al

⁹ Sc

VMWI-020321-131.61 L1313991-12 GW

				Collected by Pat Yadon	Collected date/time 02/03/21 12:45	Received date/time 02/04/21 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 15:18	02/07/21 15:18	ADM	Mt. Juliet, TN

VMWI-020321-137.25 L1313991-13 GW

				Collected by Pat Yadon	Collected date/time 02/03/21 12:50	Received date/time 02/04/21 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 15:38	02/07/21 15:38	ADM	Mt. Juliet, TN

VMWI-020321-140.46 L1313991-14 GW

				Collected by Pat Yadon	Collected date/time 02/03/21 12:55	Received date/time 02/04/21 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 15:58	02/07/21 15:58	ADM	Mt. Juliet, TN

VMWI-020321-143.67 L1313991-15 GW

				Collected by Pat Yadon	Collected date/time 02/03/21 13:00	Received date/time 02/04/21 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 16:18	02/07/21 16:18	ADM	Mt. Juliet, TN

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SAMPLE SUMMARY

ONE LAB. NATIONWIDE.



VMWI-020321-148.1 L1313991-16 GW

Collected by
Pat Yadon

Collected date/time
02/03/21 13:05

Received date/time
02/04/21 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 16:38	02/07/21 16:38	ADM	Mt. Juliet, TN

¹ Cp

² Tc

³ Ss

VMWL-020321-103.25 L1313991-17 GW

Collected by
Pat Yadon

Collected date/time
02/03/21 14:00

Received date/time
02/04/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1617488	1	02/07/21 03:12	02/07/21 03:12	ACG	Mt. Juliet, TN

⁴ Cn

⁵ Sr

⁶ Qc

VMWM-020321-94 L1313991-18 GW

Collected by
Pat Yadon

Collected date/time
02/03/21 14:22

Received date/time
02/04/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1617488	1	02/07/21 03:32	02/07/21 03:32	ACG	Mt. Juliet, TN

⁷ Gl

⁸ Al

VMWN-020321-102.25 L1313991-19 GW

Collected by
Pat Yadon

Collected date/time
02/03/21 14:55

Received date/time
02/04/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1617488	1	02/07/21 03:53	02/07/21 03:53	ACG	Mt. Juliet, TN

⁹ Sc

TRIP BLANK #460 L1313991-20 GW

Collected by
Pat Yadon

Collected date/time
02/03/21 00:00

Received date/time
02/04/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1617488	1	02/07/21 00:09	02/07/21 00:09	ACG	Mt. Juliet, TN

ACCOUNT:

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

Brian Ford
Project Manager

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc



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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND		25.0	1	02/07/2021 11:04	WG1617115
Acrolein	ND		50.0	1	02/07/2021 11:04	WG1617115
Acrylonitrile	ND		5.00	1	02/07/2021 11:04	WG1617115
Benzene	ND		0.500	1	02/07/2021 11:04	WG1617115
Bromobenzene	ND		0.500	1	02/07/2021 11:04	WG1617115
Bromodichloromethane	ND		0.500	1	02/07/2021 11:04	WG1617115
Bromoform	ND		0.500	1	02/07/2021 11:04	WG1617115
Bromomethane	ND		2.50	1	02/07/2021 11:04	WG1617115
n-Butylbenzene	ND		0.500	1	02/07/2021 11:04	WG1617115
sec-Butylbenzene	ND		0.500	1	02/07/2021 11:04	WG1617115
tert-Butylbenzene	ND		0.500	1	02/07/2021 11:04	WG1617115
Carbon disulfide	ND		0.500	1	02/07/2021 11:04	WG1617115
Carbon tetrachloride	ND		0.500	1	02/07/2021 11:04	WG1617115
Chlorobenzene	ND		0.500	1	02/07/2021 11:04	WG1617115
Chlorodibromomethane	ND		0.500	1	02/07/2021 11:04	WG1617115
Chloroethane	ND		2.50	1	02/07/2021 11:04	WG1617115
Chloroform	0.809		0.500	1	02/07/2021 11:04	WG1617115
Chloromethane	ND		1.25	1	02/07/2021 11:04	WG1617115
2-Chlorotoluene	ND		0.500	1	02/07/2021 11:04	WG1617115
4-Chlorotoluene	ND		0.500	1	02/07/2021 11:04	WG1617115
1,2-Dibromo-3-Chloropropane	ND		2.50	1	02/07/2021 11:04	WG1617115
1,2-Dibromoethane	ND		0.500	1	02/07/2021 11:04	WG1617115
Dibromomethane	ND		0.500	1	02/07/2021 11:04	WG1617115
1,2-Dichlorobenzene	ND		0.500	1	02/07/2021 11:04	WG1617115
1,3-Dichlorobenzene	ND		0.500	1	02/07/2021 11:04	WG1617115
1,4-Dichlorobenzene	ND		0.500	1	02/07/2021 11:04	WG1617115
Dichlorodifluoromethane	ND		2.50	1	02/07/2021 11:04	WG1617115
1,1-Dichloroethane	ND		0.500	1	02/07/2021 11:04	WG1617115
1,2-Dichloroethane	ND		0.500	1	02/07/2021 11:04	WG1617115
1,1-Dichloroethene	ND		0.500	1	02/07/2021 11:04	WG1617115
cis-1,2-Dichloroethene	2.61		0.500	1	02/10/2021 02:53	WG1618603
trans-1,2-Dichloroethene	ND		0.500	1	02/10/2021 02:53	WG1618603
1,2-Dichloropropane	ND		0.500	1	02/07/2021 11:04	WG1617115
1,1-Dichloropropene	ND		0.500	1	02/07/2021 11:04	WG1617115
1,3-Dichloropropane	ND		1.00	1	02/07/2021 11:04	WG1617115
cis-1,3-Dichloropropene	ND		0.500	1	02/07/2021 11:04	WG1617115
trans-1,3-Dichloropropene	ND		0.500	1	02/07/2021 11:04	WG1617115
2,2-Dichloropropane	ND		0.500	1	02/07/2021 11:04	WG1617115
Di-isopropyl ether	ND		0.500	1	02/07/2021 11:04	WG1617115
Ethylbenzene	ND		0.500	1	02/07/2021 11:04	WG1617115
Hexachloro-1,3-butadiene	ND		1.00	1	02/07/2021 11:04	WG1617115
Isopropylbenzene	ND		0.500	1	02/07/2021 11:04	WG1617115
p-Isopropyltoluene	ND		0.500	1	02/07/2021 11:04	WG1617115
2-Butanone (MEK)	ND		5.00	1	02/07/2021 11:04	WG1617115
Methylene Chloride	ND		2.50	1	02/07/2021 11:04	WG1617115
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	02/07/2021 11:04	WG1617115
Methyl tert-butyl ether	ND		0.500	1	02/07/2021 11:04	WG1617115
Naphthalene	ND		2.50	1	02/07/2021 11:04	WG1617115
n-Propylbenzene	ND		0.500	1	02/07/2021 11:04	WG1617115
Styrene	ND		0.500	1	02/07/2021 11:04	WG1617115
1,1,1,2-Tetrachloroethane	ND		0.500	1	02/07/2021 11:04	WG1617115
1,1,2,2-Tetrachloroethane	ND		0.500	1	02/07/2021 11:04	WG1617115
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	02/07/2021 11:04	WG1617115
Tetrachloroethene	0.813		0.500	1	02/07/2021 11:04	WG1617115
Toluene	ND		0.500	1	02/07/2021 11:04	WG1617115
1,2,3-Trichlorobenzene	ND		0.500	1	02/07/2021 11:04	WG1617115

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Collected date/time: 02/03/21 08:30

L1313991

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 11:04	WG1617115
1,1,1-Trichloroethane	ND		0.500	1	02/07/2021 11:04	WG1617115
1,1,2-Trichloroethane	ND		0.500	1	02/07/2021 11:04	WG1617115
Trichloroethene	18.7		0.500	1	02/07/2021 11:04	WG1617115
Trichlorofluoromethane	ND		2.50	1	02/07/2021 11:04	WG1617115
1,2,3-Trichloropropane	ND		2.50	1	02/07/2021 11:04	WG1617115
1,2,4-Trimethylbenzene	ND		0.500	1	02/07/2021 11:04	WG1617115
1,2,3-Trimethylbenzene	ND		0.500	1	02/07/2021 11:04	WG1617115
1,3,5-Trimethylbenzene	ND		0.500	1	02/07/2021 11:04	WG1617115
Vinyl chloride	ND		0.500	1	02/07/2021 11:04	WG1617115
Xylenes, Total	ND		1.50	1	02/07/2021 11:04	WG1617115
(S) Toluene-d8	106		80.0-120		02/07/2021 11:04	WG1617115
(S) Toluene-d8	104		80.0-120		02/10/2021 02:53	WG1618603
(S) 4-Bromofluorobenzene	102		77.0-126		02/07/2021 11:04	WG1617115
(S) 4-Bromofluorobenzene	100		77.0-126		02/10/2021 02:53	WG1618603
(S) 1,2-Dichloroethane-d4	102		70.0-130		02/07/2021 11:04	WG1617115
(S) 1,2-Dichloroethane-d4	99.1		70.0-130		02/10/2021 02:53	WG1618603

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc



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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND		25.0	1	02/07/2021 11:55	WG1617115
Acrolein	ND		50.0	1	02/07/2021 11:55	WG1617115
Acrylonitrile	ND		5.00	1	02/07/2021 11:55	WG1617115
Benzene	ND		0.500	1	02/07/2021 11:55	WG1617115
Bromobenzene	ND		0.500	1	02/07/2021 11:55	WG1617115
Bromodichloromethane	ND		0.500	1	02/07/2021 11:55	WG1617115
Bromoform	ND		0.500	1	02/07/2021 11:55	WG1617115
Bromomethane	ND		2.50	1	02/07/2021 11:55	WG1617115
n-Butylbenzene	ND		0.500	1	02/07/2021 11:55	WG1617115
sec-Butylbenzene	ND		0.500	1	02/07/2021 11:55	WG1617115
tert-Butylbenzene	ND		0.500	1	02/07/2021 11:55	WG1617115
Carbon disulfide	ND		0.500	1	02/07/2021 11:55	WG1617115
Carbon tetrachloride	ND		0.500	1	02/07/2021 11:55	WG1617115
Chlorobenzene	ND		0.500	1	02/07/2021 11:55	WG1617115
Chlorodibromomethane	ND		0.500	1	02/07/2021 11:55	WG1617115
Chloroethane	ND		2.50	1	02/07/2021 11:55	WG1617115
Chloroform	ND		0.500	1	02/07/2021 11:55	WG1617115
Chloromethane	ND		1.25	1	02/07/2021 11:55	WG1617115
2-Chlorotoluene	ND		0.500	1	02/07/2021 11:55	WG1617115
4-Chlorotoluene	ND		0.500	1	02/07/2021 11:55	WG1617115
1,2-Dibromo-3-Chloropropane	ND		2.50	1	02/07/2021 11:55	WG1617115
1,2-Dibromoethane	ND		0.500	1	02/07/2021 11:55	WG1617115
Dibromomethane	ND		0.500	1	02/07/2021 11:55	WG1617115
1,2-Dichlorobenzene	ND		0.500	1	02/07/2021 11:55	WG1617115
1,3-Dichlorobenzene	ND		0.500	1	02/07/2021 11:55	WG1617115
1,4-Dichlorobenzene	ND		0.500	1	02/07/2021 11:55	WG1617115
Dichlorodifluoromethane	ND		2.50	1	02/07/2021 11:55	WG1617115
1,1-Dichloroethane	ND		0.500	1	02/07/2021 11:55	WG1617115
1,2-Dichloroethane	ND		0.500	1	02/07/2021 11:55	WG1617115
1,1-Dichloroethene	ND		0.500	1	02/07/2021 11:55	WG1617115
cis-1,2-Dichloroethene	ND		0.500	1	02/10/2021 03:12	WG1618603
trans-1,2-Dichloroethene	ND		0.500	1	02/10/2021 03:12	WG1618603
1,2-Dichloropropane	ND		0.500	1	02/07/2021 11:55	WG1617115
1,1-Dichloropropene	ND		0.500	1	02/07/2021 11:55	WG1617115
1,3-Dichloropropane	ND		1.00	1	02/07/2021 11:55	WG1617115
cis-1,3-Dichloropropene	ND		0.500	1	02/07/2021 11:55	WG1617115
trans-1,3-Dichloropropene	ND		0.500	1	02/07/2021 11:55	WG1617115
2,2-Dichloropropane	ND		0.500	1	02/07/2021 11:55	WG1617115
Di-isopropyl ether	ND		0.500	1	02/07/2021 11:55	WG1617115
Ethylbenzene	ND		0.500	1	02/07/2021 11:55	WG1617115
Hexachloro-1,3-butadiene	ND		1.00	1	02/07/2021 11:55	WG1617115
Isopropylbenzene	ND		0.500	1	02/07/2021 11:55	WG1617115
p-Isopropyltoluene	ND		0.500	1	02/07/2021 11:55	WG1617115
2-Butanone (MEK)	ND		5.00	1	02/07/2021 11:55	WG1617115
Methylene Chloride	ND		2.50	1	02/07/2021 11:55	WG1617115
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	02/07/2021 11:55	WG1617115
Methyl tert-butyl ether	ND		0.500	1	02/07/2021 11:55	WG1617115
Naphthalene	ND		2.50	1	02/07/2021 11:55	WG1617115
n-Propylbenzene	ND		0.500	1	02/07/2021 11:55	WG1617115
Styrene	ND		0.500	1	02/07/2021 11:55	WG1617115
1,1,1,2-Tetrachloroethane	ND		0.500	1	02/07/2021 11:55	WG1617115
1,1,2,2-Tetrachloroethane	ND		0.500	1	02/07/2021 11:55	WG1617115
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	02/07/2021 11:55	WG1617115
Tetrachloroethene	ND		0.500	1	02/07/2021 11:55	WG1617115
Toluene	ND		0.500	1	02/07/2021 11:55	WG1617115
1,2,3-Trichlorobenzene	ND		0.500	1	02/07/2021 11:55	WG1617115

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Collected date/time: 02/03/21 08:42

L1313991

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 11:55	WG1617115
1,1,1-Trichloroethane	ND		0.500	1	02/07/2021 11:55	WG1617115
1,1,2-Trichloroethane	ND		0.500	1	02/07/2021 11:55	WG1617115
Trichloroethene	4.16		0.500	1	02/07/2021 11:55	WG1617115
Trichlorofluoromethane	ND		2.50	1	02/07/2021 11:55	WG1617115
1,2,3-Trichloropropane	ND		2.50	1	02/07/2021 11:55	WG1617115
1,2,4-Trimethylbenzene	ND		0.500	1	02/07/2021 11:55	WG1617115
1,2,3-Trimethylbenzene	ND		0.500	1	02/07/2021 11:55	WG1617115
1,3,5-Trimethylbenzene	ND		0.500	1	02/07/2021 11:55	WG1617115
Vinyl chloride	ND		0.500	1	02/07/2021 11:55	WG1617115
Xylenes, Total	ND		1.50	1	02/07/2021 11:55	WG1617115
(S) Toluene-d8	106		80.0-120		02/07/2021 11:55	WG1617115
(S) Toluene-d8	104		80.0-120		02/10/2021 03:12	WG1618603
(S) 4-Bromofluorobenzene	102		77.0-126		02/07/2021 11:55	WG1617115
(S) 4-Bromofluorobenzene	100		77.0-126		02/10/2021 03:12	WG1618603
(S) 1,2-Dichloroethane-d4	105		70.0-130		02/07/2021 11:55	WG1617115
(S) 1,2-Dichloroethane-d4	99.6		70.0-130		02/10/2021 03:12	WG1618603

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc



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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND		25.0	1	02/07/2021 12:15	WG1617115
Acrolein	ND		50.0	1	02/07/2021 12:15	WG1617115
Acrylonitrile	ND		5.00	1	02/07/2021 12:15	WG1617115
Benzene	ND		0.500	1	02/07/2021 12:15	WG1617115
Bromobenzene	ND		0.500	1	02/07/2021 12:15	WG1617115
Bromodichloromethane	ND		0.500	1	02/07/2021 12:15	WG1617115
Bromoform	ND		0.500	1	02/07/2021 12:15	WG1617115
Bromomethane	ND		2.50	1	02/07/2021 12:15	WG1617115
n-Butylbenzene	ND		0.500	1	02/07/2021 12:15	WG1617115
sec-Butylbenzene	ND		0.500	1	02/07/2021 12:15	WG1617115
tert-Butylbenzene	ND		0.500	1	02/07/2021 12:15	WG1617115
Carbon disulfide	ND		0.500	1	02/07/2021 12:15	WG1617115
Carbon tetrachloride	ND		0.500	1	02/07/2021 12:15	WG1617115
Chlorobenzene	ND		0.500	1	02/07/2021 12:15	WG1617115
Chlorodibromomethane	ND		0.500	1	02/07/2021 12:15	WG1617115
Chloroethane	ND		2.50	1	02/07/2021 12:15	WG1617115
Chloroform	ND		0.500	1	02/07/2021 12:15	WG1617115
Chloromethane	ND		1.25	1	02/07/2021 12:15	WG1617115
2-Chlorotoluene	ND		0.500	1	02/07/2021 12:15	WG1617115
4-Chlorotoluene	ND		0.500	1	02/07/2021 12:15	WG1617115
1,2-Dibromo-3-Chloropropane	ND		2.50	1	02/07/2021 12:15	WG1617115
1,2-Dibromoethane	ND		0.500	1	02/07/2021 12:15	WG1617115
Dibromomethane	ND		0.500	1	02/07/2021 12:15	WG1617115
1,2-Dichlorobenzene	ND		0.500	1	02/07/2021 12:15	WG1617115
1,3-Dichlorobenzene	ND		0.500	1	02/07/2021 12:15	WG1617115
1,4-Dichlorobenzene	ND		0.500	1	02/07/2021 12:15	WG1617115
Dichlorodifluoromethane	ND		2.50	1	02/07/2021 12:15	WG1617115
1,1-Dichloroethane	ND		0.500	1	02/07/2021 12:15	WG1617115
1,2-Dichloroethane	ND		0.500	1	02/07/2021 12:15	WG1617115
1,1-Dichloroethene	ND		0.500	1	02/07/2021 12:15	WG1617115
cis-1,2-Dichloroethene	ND		0.500	1	02/10/2021 03:31	WG1618603
trans-1,2-Dichloroethene	ND		0.500	1	02/07/2021 12:15	WG1617115
1,2-Dichloropropane	ND		0.500	1	02/07/2021 12:15	WG1617115
1,1-Dichloropropene	ND		0.500	1	02/07/2021 12:15	WG1617115
1,3-Dichloropropane	ND		1.00	1	02/07/2021 12:15	WG1617115
cis-1,3-Dichloropropene	ND		0.500	1	02/07/2021 12:15	WG1617115
trans-1,3-Dichloropropene	ND		0.500	1	02/07/2021 12:15	WG1617115
2,2-Dichloropropane	ND		0.500	1	02/07/2021 12:15	WG1617115
Di-isopropyl ether	ND		0.500	1	02/07/2021 12:15	WG1617115
Ethylbenzene	ND		0.500	1	02/07/2021 12:15	WG1617115
Hexachloro-1,3-butadiene	ND		1.00	1	02/07/2021 12:15	WG1617115
Isopropylbenzene	ND		0.500	1	02/07/2021 12:15	WG1617115
p-Isopropyltoluene	ND		0.500	1	02/07/2021 12:15	WG1617115
2-Butanone (MEK)	ND		5.00	1	02/07/2021 12:15	WG1617115
Methylene Chloride	ND		2.50	1	02/07/2021 12:15	WG1617115
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	02/07/2021 12:15	WG1617115
Methyl tert-butyl ether	ND		0.500	1	02/07/2021 12:15	WG1617115
Naphthalene	ND		2.50	1	02/07/2021 12:15	WG1617115
n-Propylbenzene	ND		0.500	1	02/07/2021 12:15	WG1617115
Styrene	ND		0.500	1	02/07/2021 12:15	WG1617115
1,1,1,2-Tetrachloroethane	ND		0.500	1	02/07/2021 12:15	WG1617115
1,1,2,2-Tetrachloroethane	ND		0.500	1	02/07/2021 12:15	WG1617115
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	02/07/2021 12:15	WG1617115
Tetrachloroethene	ND		0.500	1	02/07/2021 12:15	WG1617115
Toluene	ND		0.500	1	02/07/2021 12:15	WG1617115
1,2,3-Trichlorobenzene	ND		0.500	1	02/07/2021 12:15	WG1617115

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Collected date/time: 02/03/21 08:56

L1313991

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 12:15	WG1617115
1,1,1-Trichloroethane	ND		0.500	1	02/07/2021 12:15	WG1617115
1,1,2-Trichloroethane	ND		0.500	1	02/07/2021 12:15	WG1617115
Trichloroethene	3.84		0.500	1	02/07/2021 12:15	WG1617115
Trichlorofluoromethane	ND		2.50	1	02/07/2021 12:15	WG1617115
1,2,3-Trichloropropane	ND		2.50	1	02/07/2021 12:15	WG1617115
1,2,4-Trimethylbenzene	ND		0.500	1	02/07/2021 12:15	WG1617115
1,2,3-Trimethylbenzene	ND		0.500	1	02/07/2021 12:15	WG1617115
1,3,5-Trimethylbenzene	ND		0.500	1	02/07/2021 12:15	WG1617115
Vinyl chloride	ND		0.500	1	02/07/2021 12:15	WG1617115
Xylenes, Total	ND		1.50	1	02/07/2021 12:15	WG1617115
(S) Toluene-d8	107		80.0-120		02/07/2021 12:15	WG1617115
(S) Toluene-d8	106		80.0-120		02/10/2021 03:31	WG1618603
(S) 4-Bromofluorobenzene	103		77.0-126		02/07/2021 12:15	WG1617115
(S) 4-Bromofluorobenzene	101		77.0-126		02/10/2021 03:31	WG1618603
(S) 1,2-Dichloroethane-d4	103		70.0-130		02/07/2021 12:15	WG1617115
(S) 1,2-Dichloroethane-d4	99.9		70.0-130		02/10/2021 03:31	WG1618603

1
Cp2
Tc3
Ss4
Cn5
Sr6
Qc7
Gl8
Al9
Sc



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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND		25.0	1	02/07/2021 12:35	WG1617115
Acrolein	ND		50.0	1	02/07/2021 12:35	WG1617115
Acrylonitrile	ND		5.00	1	02/07/2021 12:35	WG1617115
Benzene	ND		0.500	1	02/07/2021 12:35	WG1617115
Bromobenzene	ND		0.500	1	02/07/2021 12:35	WG1617115
Bromodichloromethane	ND		0.500	1	02/07/2021 12:35	WG1617115
Bromoform	ND		0.500	1	02/07/2021 12:35	WG1617115
Bromomethane	ND		2.50	1	02/07/2021 12:35	WG1617115
n-Butylbenzene	ND		0.500	1	02/07/2021 12:35	WG1617115
sec-Butylbenzene	ND		0.500	1	02/07/2021 12:35	WG1617115
tert-Butylbenzene	ND		0.500	1	02/07/2021 12:35	WG1617115
Carbon disulfide	ND		0.500	1	02/07/2021 12:35	WG1617115
Carbon tetrachloride	ND		0.500	1	02/07/2021 12:35	WG1617115
Chlorobenzene	ND		0.500	1	02/07/2021 12:35	WG1617115
Chlorodibromomethane	ND		0.500	1	02/07/2021 12:35	WG1617115
Chloroethane	ND		2.50	1	02/07/2021 12:35	WG1617115
Chloroform	ND		0.500	1	02/07/2021 12:35	WG1617115
Chloromethane	ND		1.25	1	02/07/2021 12:35	WG1617115
2-Chlorotoluene	ND		0.500	1	02/07/2021 12:35	WG1617115
4-Chlorotoluene	ND		0.500	1	02/07/2021 12:35	WG1617115
1,2-Dibromo-3-Chloropropane	ND		2.50	1	02/07/2021 12:35	WG1617115
1,2-Dibromoethane	ND		0.500	1	02/07/2021 12:35	WG1617115
Dibromomethane	ND		0.500	1	02/07/2021 12:35	WG1617115
1,2-Dichlorobenzene	ND		0.500	1	02/07/2021 12:35	WG1617115
1,3-Dichlorobenzene	ND		0.500	1	02/07/2021 12:35	WG1617115
1,4-Dichlorobenzene	ND		0.500	1	02/07/2021 12:35	WG1617115
Dichlorodifluoromethane	ND		2.50	1	02/07/2021 12:35	WG1617115
1,1-Dichloroethane	ND		0.500	1	02/07/2021 12:35	WG1617115
1,2-Dichloroethane	ND		0.500	1	02/07/2021 12:35	WG1617115
1,1-Dichloroethene	ND		0.500	1	02/07/2021 12:35	WG1617115
cis-1,2-Dichloroethene	ND		0.500	1	02/10/2021 03:49	WG1618603
trans-1,2-Dichloroethene	ND		0.500	1	02/07/2021 12:35	WG1617115
1,2-Dichloropropane	ND		0.500	1	02/07/2021 12:35	WG1617115
1,1-Dichloropropene	ND		0.500	1	02/07/2021 12:35	WG1617115
1,3-Dichloropropane	ND		1.00	1	02/07/2021 12:35	WG1617115
cis-1,3-Dichloropropene	ND		0.500	1	02/07/2021 12:35	WG1617115
trans-1,3-Dichloropropene	ND		0.500	1	02/07/2021 12:35	WG1617115
2,2-Dichloropropane	ND		0.500	1	02/07/2021 12:35	WG1617115
Di-isopropyl ether	ND		0.500	1	02/07/2021 12:35	WG1617115
Ethylbenzene	ND		0.500	1	02/07/2021 12:35	WG1617115
Hexachloro-1,3-butadiene	ND		1.00	1	02/07/2021 12:35	WG1617115
Isopropylbenzene	ND		0.500	1	02/07/2021 12:35	WG1617115
p-Isopropyltoluene	ND		0.500	1	02/07/2021 12:35	WG1617115
2-Butanone (MEK)	ND		5.00	1	02/07/2021 12:35	WG1617115
Methylene Chloride	ND		2.50	1	02/07/2021 12:35	WG1617115
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	02/07/2021 12:35	WG1617115
Methyl tert-butyl ether	ND		0.500	1	02/07/2021 12:35	WG1617115
Naphthalene	ND		2.50	1	02/07/2021 12:35	WG1617115
n-Propylbenzene	ND		0.500	1	02/07/2021 12:35	WG1617115
Styrene	ND		0.500	1	02/07/2021 12:35	WG1617115
1,1,1,2-Tetrachloroethane	ND		0.500	1	02/07/2021 12:35	WG1617115
1,1,2,2-Tetrachloroethane	ND		0.500	1	02/07/2021 12:35	WG1617115
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	02/07/2021 12:35	WG1617115
Tetrachloroethene	ND		0.500	1	02/07/2021 12:35	WG1617115
Toluene	ND		0.500	1	02/07/2021 12:35	WG1617115
1,2,3-Trichlorobenzene	ND		0.500	1	02/07/2021 12:35	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 12:35	WG1617115
1,1,1-Trichloroethane	ND		0.500	1	02/07/2021 12:35	WG1617115
1,1,2-Trichloroethane	ND		0.500	1	02/07/2021 12:35	WG1617115
Trichloroethene	ND		0.500	1	02/07/2021 12:35	WG1617115
Trichlorofluoromethane	ND		2.50	1	02/07/2021 12:35	WG1617115
1,2,3-Trichloropropane	ND		2.50	1	02/07/2021 12:35	WG1617115
1,2,4-Trimethylbenzene	ND		0.500	1	02/07/2021 12:35	WG1617115
1,2,3-Trimethylbenzene	ND		0.500	1	02/07/2021 12:35	WG1617115
1,3,5-Trimethylbenzene	ND		0.500	1	02/07/2021 12:35	WG1617115
Vinyl chloride	ND		0.500	1	02/07/2021 12:35	WG1617115
Xylenes, Total	ND		1.50	1	02/07/2021 12:35	WG1617115
(S) Toluene-d8	105		80.0-120		02/07/2021 12:35	WG1617115
(S) Toluene-d8	106		80.0-120		02/10/2021 03:49	WG1618603
(S) 4-Bromofluorobenzene	102		77.0-126		02/07/2021 12:35	WG1617115
(S) 4-Bromofluorobenzene	103		77.0-126		02/10/2021 03:49	WG1618603
(S) 1,2-Dichloroethane-d4	104		70.0-130		02/07/2021 12:35	WG1617115
(S) 1,2-Dichloroethane-d4	98.3		70.0-130		02/10/2021 03:49	WG1618603

1
Cp2
Tc3
Ss4
Cn5
Sr6
Qc7
Gl8
Al9
Sc



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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND		25.0	1	02/07/2021 12:56	WG1617115
Acrolein	ND		50.0	1	02/07/2021 12:56	WG1617115
Acrylonitrile	ND		5.00	1	02/07/2021 12:56	WG1617115
Benzene	ND		0.500	1	02/07/2021 12:56	WG1617115
Bromobenzene	ND		0.500	1	02/07/2021 12:56	WG1617115
Bromodichloromethane	ND		0.500	1	02/07/2021 12:56	WG1617115
Bromoform	ND		0.500	1	02/07/2021 12:56	WG1617115
Bromomethane	ND		2.50	1	02/07/2021 12:56	WG1617115
n-Butylbenzene	ND		0.500	1	02/07/2021 12:56	WG1617115
sec-Butylbenzene	ND		0.500	1	02/07/2021 12:56	WG1617115
tert-Butylbenzene	ND		0.500	1	02/07/2021 12:56	WG1617115
Carbon disulfide	ND		0.500	1	02/07/2021 12:56	WG1617115
Carbon tetrachloride	ND		0.500	1	02/07/2021 12:56	WG1617115
Chlorobenzene	ND		0.500	1	02/07/2021 12:56	WG1617115
Chlorodibromomethane	ND		0.500	1	02/07/2021 12:56	WG1617115
Chloroethane	ND		2.50	1	02/07/2021 12:56	WG1617115
Chloroform	ND		0.500	1	02/07/2021 12:56	WG1617115
Chloromethane	ND		1.25	1	02/07/2021 12:56	WG1617115
2-Chlorotoluene	ND		0.500	1	02/07/2021 12:56	WG1617115
4-Chlorotoluene	ND		0.500	1	02/07/2021 12:56	WG1617115
1,2-Dibromo-3-Chloropropane	ND		2.50	1	02/07/2021 12:56	WG1617115
1,2-Dibromoethane	ND		0.500	1	02/07/2021 12:56	WG1617115
Dibromomethane	ND		0.500	1	02/07/2021 12:56	WG1617115
1,2-Dichlorobenzene	ND		0.500	1	02/07/2021 12:56	WG1617115
1,3-Dichlorobenzene	ND		0.500	1	02/07/2021 12:56	WG1617115
1,4-Dichlorobenzene	ND		0.500	1	02/07/2021 12:56	WG1617115
Dichlorodifluoromethane	ND		2.50	1	02/07/2021 12:56	WG1617115
1,1-Dichloroethane	ND		0.500	1	02/07/2021 12:56	WG1617115
1,2-Dichloroethane	ND		0.500	1	02/07/2021 12:56	WG1617115
1,1-Dichloroethene	ND		0.500	1	02/07/2021 12:56	WG1617115
cis-1,2-Dichloroethene	ND		0.500	1	02/10/2021 04:08	WG1618603
trans-1,2-Dichloroethene	ND		0.500	1	02/07/2021 12:56	WG1617115
1,2-Dichloropropane	ND		0.500	1	02/07/2021 12:56	WG1617115
1,1-Dichloropropene	ND		0.500	1	02/07/2021 12:56	WG1617115
1,3-Dichloropropane	ND		1.00	1	02/07/2021 12:56	WG1617115
cis-1,3-Dichloropropene	ND		0.500	1	02/07/2021 12:56	WG1617115
trans-1,3-Dichloropropene	ND		0.500	1	02/07/2021 12:56	WG1617115
2,2-Dichloropropane	ND		0.500	1	02/07/2021 12:56	WG1617115
Di-isopropyl ether	ND		0.500	1	02/07/2021 12:56	WG1617115
Ethylbenzene	ND		0.500	1	02/07/2021 12:56	WG1617115
Hexachloro-1,3-butadiene	ND		1.00	1	02/07/2021 12:56	WG1617115
Isopropylbenzene	ND		0.500	1	02/07/2021 12:56	WG1617115
p-Isopropyltoluene	ND		0.500	1	02/07/2021 12:56	WG1617115
2-Butanone (MEK)	ND		5.00	1	02/07/2021 12:56	WG1617115
Methylene Chloride	ND		2.50	1	02/07/2021 12:56	WG1617115
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	02/07/2021 12:56	WG1617115
Methyl tert-butyl ether	ND		0.500	1	02/07/2021 12:56	WG1617115
Naphthalene	ND		2.50	1	02/07/2021 12:56	WG1617115
n-Propylbenzene	ND		0.500	1	02/07/2021 12:56	WG1617115
Styrene	ND		0.500	1	02/07/2021 12:56	WG1617115
1,1,1,2-Tetrachloroethane	ND		0.500	1	02/07/2021 12:56	WG1617115
1,1,2,2-Tetrachloroethane	ND		0.500	1	02/07/2021 12:56	WG1617115
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	02/07/2021 12:56	WG1617115
Tetrachloroethene	ND		0.500	1	02/07/2021 12:56	WG1617115
Toluene	ND		0.500	1	02/07/2021 12:56	WG1617115
1,2,3-Trichlorobenzene	ND		0.500	1	02/07/2021 12:56	WG1617115

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Collected date/time: 02/03/21 09:22

L1313991

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 12:56	WG1617115
1,1,1-Trichloroethane	ND		0.500	1	02/07/2021 12:56	WG1617115
1,1,2-Trichloroethane	ND		0.500	1	02/07/2021 12:56	WG1617115
Trichloroethene	0.831		0.500	1	02/07/2021 12:56	WG1617115
Trichlorofluoromethane	ND		2.50	1	02/07/2021 12:56	WG1617115
1,2,3-Trichloropropane	ND		2.50	1	02/07/2021 12:56	WG1617115
1,2,4-Trimethylbenzene	ND		0.500	1	02/07/2021 12:56	WG1617115
1,2,3-Trimethylbenzene	ND		0.500	1	02/07/2021 12:56	WG1617115
1,3,5-Trimethylbenzene	ND		0.500	1	02/07/2021 12:56	WG1617115
Vinyl chloride	ND		0.500	1	02/07/2021 12:56	WG1617115
Xylenes, Total	ND		1.50	1	02/07/2021 12:56	WG1617115
(S) Toluene-d8	105		80.0-120		02/07/2021 12:56	WG1617115
(S) Toluene-d8	103		80.0-120		02/10/2021 04:08	WG1618603
(S) 4-Bromofluorobenzene	103		77.0-126		02/07/2021 12:56	WG1617115
(S) 4-Bromofluorobenzene	101		77.0-126		02/10/2021 04:08	WG1618603
(S) 1,2-Dichloroethane-d4	105		70.0-130		02/07/2021 12:56	WG1617115
(S) 1,2-Dichloroethane-d4	101		70.0-130		02/10/2021 04:08	WG1618603

1
Cp2
Tc3
Ss4
Cn5
Sr6
Qc7
Gl8
Al9
Sc



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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND		25.0	1	02/07/2021 13:16	WG1617115
Acrolein	ND		50.0	1	02/07/2021 13:16	WG1617115
Acrylonitrile	ND		5.00	1	02/07/2021 13:16	WG1617115
Benzene	ND		0.500	1	02/07/2021 13:16	WG1617115
Bromobenzene	ND		0.500	1	02/07/2021 13:16	WG1617115
Bromodichloromethane	ND		0.500	1	02/07/2021 13:16	WG1617115
Bromoform	ND		0.500	1	02/07/2021 13:16	WG1617115
Bromomethane	ND		2.50	1	02/07/2021 13:16	WG1617115
n-Butylbenzene	ND		0.500	1	02/07/2021 13:16	WG1617115
sec-Butylbenzene	ND		0.500	1	02/07/2021 13:16	WG1617115
tert-Butylbenzene	ND		0.500	1	02/07/2021 13:16	WG1617115
Carbon disulfide	ND		0.500	1	02/07/2021 13:16	WG1617115
Carbon tetrachloride	ND		0.500	1	02/07/2021 13:16	WG1617115
Chlorobenzene	ND		0.500	1	02/07/2021 13:16	WG1617115
Chlorodibromomethane	ND		0.500	1	02/07/2021 13:16	WG1617115
Chloroethane	ND		2.50	1	02/07/2021 13:16	WG1617115
Chloroform	ND		0.500	1	02/07/2021 13:16	WG1617115
Chloromethane	ND		1.25	1	02/07/2021 13:16	WG1617115
2-Chlorotoluene	ND		0.500	1	02/07/2021 13:16	WG1617115
4-Chlorotoluene	ND		0.500	1	02/07/2021 13:16	WG1617115
1,2-Dibromo-3-Chloropropane	ND		2.50	1	02/07/2021 13:16	WG1617115
1,2-Dibromoethane	ND		0.500	1	02/07/2021 13:16	WG1617115
Dibromomethane	ND		0.500	1	02/07/2021 13:16	WG1617115
1,2-Dichlorobenzene	ND		0.500	1	02/07/2021 13:16	WG1617115
1,3-Dichlorobenzene	ND		0.500	1	02/07/2021 13:16	WG1617115
1,4-Dichlorobenzene	ND		0.500	1	02/07/2021 13:16	WG1617115
Dichlorodifluoromethane	ND		2.50	1	02/07/2021 13:16	WG1617115
1,1-Dichloroethane	ND		0.500	1	02/07/2021 13:16	WG1617115
1,2-Dichloroethane	ND		0.500	1	02/07/2021 13:16	WG1617115
1,1-Dichloroethene	ND		0.500	1	02/07/2021 13:16	WG1617115
cis-1,2-Dichloroethene	1.58		0.500	1	02/07/2021 13:16	WG1617115
trans-1,2-Dichloroethene	ND		0.500	1	02/07/2021 13:16	WG1617115
1,2-Dichloropropane	ND		0.500	1	02/07/2021 13:16	WG1617115
1,1-Dichloropropene	ND		0.500	1	02/07/2021 13:16	WG1617115
1,3-Dichloropropane	ND		1.00	1	02/07/2021 13:16	WG1617115
cis-1,3-Dichloropropene	ND		0.500	1	02/07/2021 13:16	WG1617115
trans-1,3-Dichloropropene	ND		0.500	1	02/07/2021 13:16	WG1617115
2,2-Dichloropropane	ND		0.500	1	02/07/2021 13:16	WG1617115
Di-isopropyl ether	ND		0.500	1	02/07/2021 13:16	WG1617115
Ethylbenzene	ND		0.500	1	02/07/2021 13:16	WG1617115
Hexachloro-1,3-butadiene	ND		1.00	1	02/07/2021 13:16	WG1617115
Isopropylbenzene	ND		0.500	1	02/07/2021 13:16	WG1617115
p-Isopropyltoluene	ND		0.500	1	02/07/2021 13:16	WG1617115
2-Butanone (MEK)	ND		5.00	1	02/07/2021 13:16	WG1617115
Methylene Chloride	ND		2.50	1	02/07/2021 13:16	WG1617115
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	02/07/2021 13:16	WG1617115
Methyl tert-butyl ether	ND		0.500	1	02/07/2021 13:16	WG1617115
Naphthalene	ND		2.50	1	02/07/2021 13:16	WG1617115
n-Propylbenzene	ND		0.500	1	02/07/2021 13:16	WG1617115
Styrene	ND		0.500	1	02/07/2021 13:16	WG1617115
1,1,1,2-Tetrachloroethane	ND		0.500	1	02/07/2021 13:16	WG1617115
1,1,2,2-Tetrachloroethane	ND		0.500	1	02/07/2021 13:16	WG1617115
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	02/07/2021 13:16	WG1617115
Tetrachloroethene	ND		0.500	1	02/07/2021 13:16	WG1617115
Toluene	ND		0.500	1	02/07/2021 13:16	WG1617115
1,2,3-Trichlorobenzene	ND		0.500	1	02/07/2021 13:16	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 13:16	WG1617115
1,1,1-Trichloroethane	ND		0.500	1	02/07/2021 13:16	WG1617115
1,1,2-Trichloroethane	ND		0.500	1	02/07/2021 13:16	WG1617115
Trichloroethene	7.59		0.500	1	02/07/2021 13:16	WG1617115
Trichlorofluoromethane	ND		2.50	1	02/07/2021 13:16	WG1617115
1,2,3-Trichloropropane	ND		2.50	1	02/07/2021 13:16	WG1617115
1,2,4-Trimethylbenzene	ND		0.500	1	02/07/2021 13:16	WG1617115
1,2,3-Trimethylbenzene	ND		0.500	1	02/07/2021 13:16	WG1617115
1,3,5-Trimethylbenzene	ND		0.500	1	02/07/2021 13:16	WG1617115
Vinyl chloride	ND		0.500	1	02/07/2021 13:16	WG1617115
Xylenes, Total	ND		1.50	1	02/07/2021 13:16	WG1617115
(S) Toluene-d8	104		80.0-120		02/07/2021 13:16	WG1617115
(S) 4-Bromofluorobenzene	101		77.0-126		02/07/2021 13:16	WG1617115
(S) 1,2-Dichloroethane-d4	104		70.0-130		02/07/2021 13:16	WG1617115

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc



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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND		25.0	1	02/07/2021 13:36	WG1617115
Acrolein	ND		50.0	1	02/07/2021 13:36	WG1617115
Acrylonitrile	ND		5.00	1	02/07/2021 13:36	WG1617115
Benzene	ND		0.500	1	02/07/2021 13:36	WG1617115
Bromobenzene	ND		0.500	1	02/07/2021 13:36	WG1617115
Bromodichloromethane	ND		0.500	1	02/07/2021 13:36	WG1617115
Bromoform	ND		0.500	1	02/07/2021 13:36	WG1617115
Bromomethane	ND		2.50	1	02/07/2021 13:36	WG1617115
n-Butylbenzene	ND		0.500	1	02/07/2021 13:36	WG1617115
sec-Butylbenzene	ND		0.500	1	02/07/2021 13:36	WG1617115
tert-Butylbenzene	ND		0.500	1	02/07/2021 13:36	WG1617115
Carbon disulfide	ND		0.500	1	02/07/2021 13:36	WG1617115
Carbon tetrachloride	ND		0.500	1	02/07/2021 13:36	WG1617115
Chlorobenzene	ND		0.500	1	02/07/2021 13:36	WG1617115
Chlorodibromomethane	ND		0.500	1	02/07/2021 13:36	WG1617115
Chloroethane	ND		2.50	1	02/07/2021 13:36	WG1617115
Chloroform	ND		0.500	1	02/07/2021 13:36	WG1617115
Chloromethane	ND		1.25	1	02/07/2021 13:36	WG1617115
2-Chlorotoluene	ND		0.500	1	02/07/2021 13:36	WG1617115
4-Chlorotoluene	ND		0.500	1	02/07/2021 13:36	WG1617115
1,2-Dibromo-3-Chloropropane	ND		2.50	1	02/07/2021 13:36	WG1617115
1,2-Dibromoethane	ND		0.500	1	02/07/2021 13:36	WG1617115
Dibromomethane	ND		0.500	1	02/07/2021 13:36	WG1617115
1,2-Dichlorobenzene	ND		0.500	1	02/07/2021 13:36	WG1617115
1,3-Dichlorobenzene	ND		0.500	1	02/07/2021 13:36	WG1617115
1,4-Dichlorobenzene	ND		0.500	1	02/07/2021 13:36	WG1617115
Dichlorodifluoromethane	ND		2.50	1	02/07/2021 13:36	WG1617115
1,1-Dichloroethane	ND		0.500	1	02/07/2021 13:36	WG1617115
1,2-Dichloroethane	ND		0.500	1	02/07/2021 13:36	WG1617115
1,1-Dichloroethene	ND		0.500	1	02/07/2021 13:36	WG1617115
cis-1,2-Dichloroethene	ND		0.500	1	02/07/2021 13:36	WG1617115
trans-1,2-Dichloroethene	ND		0.500	1	02/07/2021 13:36	WG1617115
1,2-Dichloropropane	ND		0.500	1	02/07/2021 13:36	WG1617115
1,1-Dichloropropene	ND		0.500	1	02/07/2021 13:36	WG1617115
1,3-Dichloropropane	ND		1.00	1	02/07/2021 13:36	WG1617115
cis-1,3-Dichloropropene	ND		0.500	1	02/07/2021 13:36	WG1617115
trans-1,3-Dichloropropene	ND		0.500	1	02/07/2021 13:36	WG1617115
2,2-Dichloropropane	ND		0.500	1	02/07/2021 13:36	WG1617115
Di-isopropyl ether	ND		0.500	1	02/07/2021 13:36	WG1617115
Ethylbenzene	ND		0.500	1	02/07/2021 13:36	WG1617115
Hexachloro-1,3-butadiene	ND		1.00	1	02/07/2021 13:36	WG1617115
Isopropylbenzene	ND		0.500	1	02/07/2021 13:36	WG1617115
p-Isopropyltoluene	ND		0.500	1	02/07/2021 13:36	WG1617115
2-Butanone (MEK)	ND		5.00	1	02/07/2021 13:36	WG1617115
Methylene Chloride	ND		2.50	1	02/07/2021 13:36	WG1617115
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	02/07/2021 13:36	WG1617115
Methyl tert-butyl ether	ND		0.500	1	02/07/2021 13:36	WG1617115
Naphthalene	ND		2.50	1	02/07/2021 13:36	WG1617115
n-Propylbenzene	ND		0.500	1	02/07/2021 13:36	WG1617115
Styrene	ND		0.500	1	02/07/2021 13:36	WG1617115
1,1,1,2-Tetrachloroethane	ND		0.500	1	02/07/2021 13:36	WG1617115
1,1,2,2-Tetrachloroethane	ND		0.500	1	02/07/2021 13:36	WG1617115
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	02/07/2021 13:36	WG1617115
Tetrachloroethene	ND		0.500	1	02/07/2021 13:36	WG1617115
Toluene	ND		0.500	1	02/07/2021 13:36	WG1617115
1,2,3-Trichlorobenzene	ND		0.500	1	02/07/2021 13:36	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 13:36	WG1617115
1,1,1-Trichloroethane	ND		0.500	1	02/07/2021 13:36	WG1617115
1,1,2-Trichloroethane	ND		0.500	1	02/07/2021 13:36	WG1617115
Trichloroethene	ND		0.500	1	02/07/2021 13:36	WG1617115
Trichlorofluoromethane	ND		2.50	1	02/07/2021 13:36	WG1617115
1,2,3-Trichloropropane	ND		2.50	1	02/07/2021 13:36	WG1617115
1,2,4-Trimethylbenzene	ND		0.500	1	02/07/2021 13:36	WG1617115
1,2,3-Trimethylbenzene	ND		0.500	1	02/07/2021 13:36	WG1617115
1,3,5-Trimethylbenzene	ND		0.500	1	02/07/2021 13:36	WG1617115
Vinyl chloride	ND		0.500	1	02/07/2021 13:36	WG1617115
Xylenes, Total	ND		1.50	1	02/07/2021 13:36	WG1617115
(S) Toluene-d8	104		80.0-120		02/07/2021 13:36	WG1617115
(S) 4-Bromofluorobenzene	98.5		77.0-126		02/07/2021 13:36	WG1617115
(S) 1,2-Dichloroethane-d4	102		70.0-130		02/07/2021 13:36	WG1617115

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc



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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND		25.0	1	02/07/2021 13:57	WG1617115
Acrolein	ND		50.0	1	02/07/2021 13:57	WG1617115
Acrylonitrile	ND		5.00	1	02/07/2021 13:57	WG1617115
Benzene	ND		0.500	1	02/07/2021 13:57	WG1617115
Bromobenzene	ND		0.500	1	02/07/2021 13:57	WG1617115
Bromodichloromethane	ND		0.500	1	02/07/2021 13:57	WG1617115
Bromoform	ND		0.500	1	02/07/2021 13:57	WG1617115
Bromomethane	ND		2.50	1	02/07/2021 13:57	WG1617115
n-Butylbenzene	ND		0.500	1	02/07/2021 13:57	WG1617115
sec-Butylbenzene	ND		0.500	1	02/07/2021 13:57	WG1617115
tert-Butylbenzene	ND		0.500	1	02/07/2021 13:57	WG1617115
Carbon disulfide	ND		0.500	1	02/07/2021 13:57	WG1617115
Carbon tetrachloride	ND		0.500	1	02/07/2021 13:57	WG1617115
Chlorobenzene	ND		0.500	1	02/07/2021 13:57	WG1617115
Chlorodibromomethane	ND		0.500	1	02/07/2021 13:57	WG1617115
Chloroethane	ND		2.50	1	02/07/2021 13:57	WG1617115
Chloroform	ND		0.500	1	02/07/2021 13:57	WG1617115
Chloromethane	ND		1.25	1	02/07/2021 13:57	WG1617115
2-Chlorotoluene	ND		0.500	1	02/07/2021 13:57	WG1617115
4-Chlorotoluene	ND		0.500	1	02/07/2021 13:57	WG1617115
1,2-Dibromo-3-Chloropropane	ND		2.50	1	02/07/2021 13:57	WG1617115
1,2-Dibromoethane	ND		0.500	1	02/07/2021 13:57	WG1617115
Dibromomethane	ND		0.500	1	02/07/2021 13:57	WG1617115
1,2-Dichlorobenzene	ND		0.500	1	02/07/2021 13:57	WG1617115
1,3-Dichlorobenzene	ND		0.500	1	02/07/2021 13:57	WG1617115
1,4-Dichlorobenzene	ND		0.500	1	02/07/2021 13:57	WG1617115
Dichlorodifluoromethane	ND		2.50	1	02/07/2021 13:57	WG1617115
1,1-Dichloroethane	ND		0.500	1	02/07/2021 13:57	WG1617115
1,2-Dichloroethane	ND		0.500	1	02/07/2021 13:57	WG1617115
1,1-Dichloroethene	ND		0.500	1	02/07/2021 13:57	WG1617115
cis-1,2-Dichloroethene	0.766		0.500	1	02/07/2021 13:57	WG1617115
trans-1,2-Dichloroethene	ND		0.500	1	02/07/2021 13:57	WG1617115
1,2-Dichloropropane	ND		0.500	1	02/07/2021 13:57	WG1617115
1,1-Dichloropropene	ND		0.500	1	02/07/2021 13:57	WG1617115
1,3-Dichloropropane	ND		1.00	1	02/07/2021 13:57	WG1617115
cis-1,3-Dichloropropene	ND		0.500	1	02/07/2021 13:57	WG1617115
trans-1,3-Dichloropropene	ND		0.500	1	02/07/2021 13:57	WG1617115
2,2-Dichloropropane	ND		0.500	1	02/07/2021 13:57	WG1617115
Di-isopropyl ether	ND		0.500	1	02/07/2021 13:57	WG1617115
Ethylbenzene	ND		0.500	1	02/07/2021 13:57	WG1617115
Hexachloro-1,3-butadiene	ND		1.00	1	02/07/2021 13:57	WG1617115
Isopropylbenzene	ND		0.500	1	02/07/2021 13:57	WG1617115
p-Isopropyltoluene	ND		0.500	1	02/07/2021 13:57	WG1617115
2-Butanone (MEK)	ND		5.00	1	02/07/2021 13:57	WG1617115
Methylene Chloride	ND		2.50	1	02/07/2021 13:57	WG1617115
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	02/07/2021 13:57	WG1617115
Methyl tert-butyl ether	ND		0.500	1	02/07/2021 13:57	WG1617115
Naphthalene	ND		2.50	1	02/07/2021 13:57	WG1617115
n-Propylbenzene	ND		0.500	1	02/07/2021 13:57	WG1617115
Styrene	ND		0.500	1	02/07/2021 13:57	WG1617115
1,1,1,2-Tetrachloroethane	ND		0.500	1	02/07/2021 13:57	WG1617115
1,1,2,2-Tetrachloroethane	ND		0.500	1	02/07/2021 13:57	WG1617115
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	02/07/2021 13:57	WG1617115
Tetrachloroethene	ND		0.500	1	02/07/2021 13:57	WG1617115
Toluene	ND		0.500	1	02/07/2021 13:57	WG1617115
1,2,3-Trichlorobenzene	ND		0.500	1	02/07/2021 13:57	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 13:57	WG1617115
1,1,1-Trichloroethane	ND		0.500	1	02/07/2021 13:57	WG1617115
1,1,2-Trichloroethane	ND		0.500	1	02/07/2021 13:57	WG1617115
Trichloroethene	3.36		0.500	1	02/07/2021 13:57	WG1617115
Trichlorofluoromethane	ND		2.50	1	02/07/2021 13:57	WG1617115
1,2,3-Trichloropropane	ND		2.50	1	02/07/2021 13:57	WG1617115
1,2,4-Trimethylbenzene	ND		0.500	1	02/07/2021 13:57	WG1617115
1,2,3-Trimethylbenzene	ND		0.500	1	02/07/2021 13:57	WG1617115
1,3,5-Trimethylbenzene	ND		0.500	1	02/07/2021 13:57	WG1617115
Vinyl chloride	ND		0.500	1	02/07/2021 13:57	WG1617115
Xylenes, Total	ND		1.50	1	02/07/2021 13:57	WG1617115
(S) Toluene-d8	105		80.0-120		02/07/2021 13:57	WG1617115
(S) 4-Bromofluorobenzene	103		77.0-126		02/07/2021 13:57	WG1617115
(S) 1,2-Dichloroethane-d4	104		70.0-130		02/07/2021 13:57	WG1617115

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc



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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND		25.0	1	02/07/2021 14:17	WG1617115
Acrolein	ND		50.0	1	02/07/2021 14:17	WG1617115
Acrylonitrile	ND		5.00	1	02/07/2021 14:17	WG1617115
Benzene	ND		0.500	1	02/07/2021 14:17	WG1617115
Bromobenzene	ND		0.500	1	02/07/2021 14:17	WG1617115
Bromodichloromethane	ND		0.500	1	02/07/2021 14:17	WG1617115
Bromoform	ND		0.500	1	02/07/2021 14:17	WG1617115
Bromomethane	ND		2.50	1	02/07/2021 14:17	WG1617115
n-Butylbenzene	ND		0.500	1	02/07/2021 14:17	WG1617115
sec-Butylbenzene	ND		0.500	1	02/07/2021 14:17	WG1617115
tert-Butylbenzene	ND		0.500	1	02/07/2021 14:17	WG1617115
Carbon disulfide	ND		0.500	1	02/07/2021 14:17	WG1617115
Carbon tetrachloride	ND		0.500	1	02/07/2021 14:17	WG1617115
Chlorobenzene	ND		0.500	1	02/07/2021 14:17	WG1617115
Chlorodibromomethane	ND		0.500	1	02/07/2021 14:17	WG1617115
Chloroethane	ND		2.50	1	02/07/2021 14:17	WG1617115
Chloroform	ND		0.500	1	02/07/2021 14:17	WG1617115
Chloromethane	ND		1.25	1	02/07/2021 14:17	WG1617115
2-Chlorotoluene	ND		0.500	1	02/07/2021 14:17	WG1617115
4-Chlorotoluene	ND		0.500	1	02/07/2021 14:17	WG1617115
1,2-Dibromo-3-Chloropropane	ND		2.50	1	02/07/2021 14:17	WG1617115
1,2-Dibromoethane	ND		0.500	1	02/07/2021 14:17	WG1617115
Dibromomethane	ND		0.500	1	02/07/2021 14:17	WG1617115
1,2-Dichlorobenzene	ND		0.500	1	02/07/2021 14:17	WG1617115
1,3-Dichlorobenzene	ND		0.500	1	02/07/2021 14:17	WG1617115
1,4-Dichlorobenzene	ND		0.500	1	02/07/2021 14:17	WG1617115
Dichlorodifluoromethane	ND		2.50	1	02/07/2021 14:17	WG1617115
1,1-Dichloroethane	ND		0.500	1	02/07/2021 14:17	WG1617115
1,2-Dichloroethane	ND		0.500	1	02/07/2021 14:17	WG1617115
1,1-Dichloroethene	ND		0.500	1	02/07/2021 14:17	WG1617115
cis-1,2-Dichloroethene	10.5		0.500	1	02/07/2021 14:17	WG1617115
trans-1,2-Dichloroethene	ND		0.500	1	02/07/2021 14:17	WG1617115
1,2-Dichloropropane	ND		0.500	1	02/07/2021 14:17	WG1617115
1,1-Dichloropropene	ND		0.500	1	02/07/2021 14:17	WG1617115
1,3-Dichloropropane	ND		1.00	1	02/07/2021 14:17	WG1617115
cis-1,3-Dichloropropene	ND		0.500	1	02/07/2021 14:17	WG1617115
trans-1,3-Dichloropropene	ND		0.500	1	02/07/2021 14:17	WG1617115
2,2-Dichloropropane	ND		0.500	1	02/07/2021 14:17	WG1617115
Di-isopropyl ether	ND		0.500	1	02/07/2021 14:17	WG1617115
Ethylbenzene	ND		0.500	1	02/07/2021 14:17	WG1617115
Hexachloro-1,3-butadiene	ND		1.00	1	02/07/2021 14:17	WG1617115
Isopropylbenzene	ND		0.500	1	02/07/2021 14:17	WG1617115
p-Isopropyltoluene	ND		0.500	1	02/07/2021 14:17	WG1617115
2-Butanone (MEK)	ND		5.00	1	02/07/2021 14:17	WG1617115
Methylene Chloride	ND		2.50	1	02/07/2021 14:17	WG1617115
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	02/07/2021 14:17	WG1617115
Methyl tert-butyl ether	ND		0.500	1	02/07/2021 14:17	WG1617115
Naphthalene	ND		2.50	1	02/07/2021 14:17	WG1617115
n-Propylbenzene	ND		0.500	1	02/07/2021 14:17	WG1617115
Styrene	ND		0.500	1	02/07/2021 14:17	WG1617115
1,1,1,2-Tetrachloroethane	ND		0.500	1	02/07/2021 14:17	WG1617115
1,1,2,2-Tetrachloroethane	ND		0.500	1	02/07/2021 14:17	WG1617115
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	02/07/2021 14:17	WG1617115
Tetrachloroethene	1.75		0.500	1	02/07/2021 14:17	WG1617115
Toluene	ND		0.500	1	02/07/2021 14:17	WG1617115
1,2,3-Trichlorobenzene	ND		0.500	1	02/07/2021 14:17	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 14:17	WG1617115
1,1,1-Trichloroethane	ND		0.500	1	02/07/2021 14:17	WG1617115
1,1,2-Trichloroethane	ND		0.500	1	02/07/2021 14:17	WG1617115
Trichloroethene	89.4		0.500	1	02/07/2021 14:17	WG1617115
Trichlorofluoromethane	ND		2.50	1	02/07/2021 14:17	WG1617115
1,2,3-Trichloropropane	ND		2.50	1	02/07/2021 14:17	WG1617115
1,2,4-Trimethylbenzene	ND		0.500	1	02/07/2021 14:17	WG1617115
1,2,3-Trimethylbenzene	ND		0.500	1	02/07/2021 14:17	WG1617115
1,3,5-Trimethylbenzene	ND		0.500	1	02/07/2021 14:17	WG1617115
Vinyl chloride	ND		0.500	1	02/07/2021 14:17	WG1617115
Xylenes, Total	ND		1.50	1	02/07/2021 14:17	WG1617115
(S) Toluene-d8	105		80.0-120		02/07/2021 14:17	WG1617115
(S) 4-Bromofluorobenzene	103		77.0-126		02/07/2021 14:17	WG1617115
(S) 1,2-Dichloroethane-d4	104		70.0-130		02/07/2021 14:17	WG1617115

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc



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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND		25.0	1	02/07/2021 14:38	WG1617115
Acrolein	ND		50.0	1	02/07/2021 14:38	WG1617115
Acrylonitrile	ND		5.00	1	02/07/2021 14:38	WG1617115
Benzene	ND		0.500	1	02/07/2021 14:38	WG1617115
Bromobenzene	ND		0.500	1	02/07/2021 14:38	WG1617115
Bromodichloromethane	ND		0.500	1	02/07/2021 14:38	WG1617115
Bromoform	ND		0.500	1	02/07/2021 14:38	WG1617115
Bromomethane	ND		2.50	1	02/07/2021 14:38	WG1617115
n-Butylbenzene	ND		0.500	1	02/07/2021 14:38	WG1617115
sec-Butylbenzene	ND		0.500	1	02/07/2021 14:38	WG1617115
tert-Butylbenzene	ND		0.500	1	02/07/2021 14:38	WG1617115
Carbon disulfide	ND		0.500	1	02/07/2021 14:38	WG1617115
Carbon tetrachloride	ND		0.500	1	02/07/2021 14:38	WG1617115
Chlorobenzene	ND		0.500	1	02/07/2021 14:38	WG1617115
Chlorodibromomethane	ND		0.500	1	02/07/2021 14:38	WG1617115
Chloroethane	ND		2.50	1	02/07/2021 14:38	WG1617115
Chloroform	ND		0.500	1	02/07/2021 14:38	WG1617115
Chloromethane	ND		1.25	1	02/07/2021 14:38	WG1617115
2-Chlorotoluene	ND		0.500	1	02/07/2021 14:38	WG1617115
4-Chlorotoluene	ND		0.500	1	02/07/2021 14:38	WG1617115
1,2-Dibromo-3-Chloropropane	ND		2.50	1	02/07/2021 14:38	WG1617115
1,2-Dibromoethane	ND		0.500	1	02/07/2021 14:38	WG1617115
Dibromomethane	ND		0.500	1	02/07/2021 14:38	WG1617115
1,2-Dichlorobenzene	ND		0.500	1	02/07/2021 14:38	WG1617115
1,3-Dichlorobenzene	ND		0.500	1	02/07/2021 14:38	WG1617115
1,4-Dichlorobenzene	ND		0.500	1	02/07/2021 14:38	WG1617115
Dichlorodifluoromethane	ND		2.50	1	02/07/2021 14:38	WG1617115
1,1-Dichloroethane	ND		0.500	1	02/07/2021 14:38	WG1617115
1,2-Dichloroethane	ND		0.500	1	02/07/2021 14:38	WG1617115
1,1-Dichloroethene	ND		0.500	1	02/07/2021 14:38	WG1617115
cis-1,2-Dichloroethene	8.66		0.500	1	02/07/2021 14:38	WG1617115
trans-1,2-Dichloroethene	ND		0.500	1	02/07/2021 14:38	WG1617115
1,2-Dichloropropane	ND		0.500	1	02/07/2021 14:38	WG1617115
1,1-Dichloropropene	ND		0.500	1	02/07/2021 14:38	WG1617115
1,3-Dichloropropane	ND		1.00	1	02/07/2021 14:38	WG1617115
cis-1,3-Dichloropropene	ND		0.500	1	02/07/2021 14:38	WG1617115
trans-1,3-Dichloropropene	ND		0.500	1	02/07/2021 14:38	WG1617115
2,2-Dichloropropane	ND		0.500	1	02/07/2021 14:38	WG1617115
Di-isopropyl ether	ND		0.500	1	02/07/2021 14:38	WG1617115
Ethylbenzene	ND		0.500	1	02/07/2021 14:38	WG1617115
Hexachloro-1,3-butadiene	ND		1.00	1	02/07/2021 14:38	WG1617115
Isopropylbenzene	ND		0.500	1	02/07/2021 14:38	WG1617115
p-Isopropyltoluene	ND		0.500	1	02/07/2021 14:38	WG1617115
2-Butanone (MEK)	ND		5.00	1	02/07/2021 14:38	WG1617115
Methylene Chloride	ND		2.50	1	02/07/2021 14:38	WG1617115
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	02/07/2021 14:38	WG1617115
Methyl tert-butyl ether	ND		0.500	1	02/07/2021 14:38	WG1617115
Naphthalene	ND		2.50	1	02/07/2021 14:38	WG1617115
n-Propylbenzene	ND		0.500	1	02/07/2021 14:38	WG1617115
Styrene	ND		0.500	1	02/07/2021 14:38	WG1617115
1,1,1,2-Tetrachloroethane	ND		0.500	1	02/07/2021 14:38	WG1617115
1,1,2,2-Tetrachloroethane	ND		0.500	1	02/07/2021 14:38	WG1617115
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	02/07/2021 14:38	WG1617115
Tetrachloroethene	2.10		0.500	1	02/07/2021 14:38	WG1617115
Toluene	ND		0.500	1	02/07/2021 14:38	WG1617115
1,2,3-Trichlorobenzene	ND		0.500	1	02/07/2021 14:38	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 14:38	WG1617115
1,1,1-Trichloroethane	ND		0.500	1	02/07/2021 14:38	WG1617115
1,1,2-Trichloroethane	ND		0.500	1	02/07/2021 14:38	WG1617115
Trichloroethene	68.6		0.500	1	02/07/2021 14:38	WG1617115
Trichlorofluoromethane	ND		2.50	1	02/07/2021 14:38	WG1617115
1,2,3-Trichloropropane	ND		2.50	1	02/07/2021 14:38	WG1617115
1,2,4-Trimethylbenzene	ND		0.500	1	02/07/2021 14:38	WG1617115
1,2,3-Trimethylbenzene	ND		0.500	1	02/07/2021 14:38	WG1617115
1,3,5-Trimethylbenzene	ND		0.500	1	02/07/2021 14:38	WG1617115
Vinyl chloride	ND		0.500	1	02/07/2021 14:38	WG1617115
Xylenes, Total	ND		1.50	1	02/07/2021 14:38	WG1617115
(S) Toluene-d8	104		80.0-120		02/07/2021 14:38	WG1617115
(S) 4-Bromofluorobenzene	103		77.0-126		02/07/2021 14:38	WG1617115
(S) 1,2-Dichloroethane-d4	104		70.0-130		02/07/2021 14:38	WG1617115

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	35.9	C5	25.0	1	02/07/2021 14:57	WG1617115
Acrolein	ND		50.0	1	02/07/2021 14:57	WG1617115
Acrylonitrile	ND		5.00	1	02/07/2021 14:57	WG1617115
Benzene	ND		0.500	1	02/07/2021 14:57	WG1617115
Bromobenzene	ND		0.500	1	02/07/2021 14:57	WG1617115
Bromodichloromethane	ND		0.500	1	02/07/2021 14:57	WG1617115
Bromoform	ND		0.500	1	02/07/2021 14:57	WG1617115
Bromomethane	ND		2.50	1	02/07/2021 14:57	WG1617115
n-Butylbenzene	ND		0.500	1	02/07/2021 14:57	WG1617115
sec-Butylbenzene	ND		0.500	1	02/07/2021 14:57	WG1617115
tert-Butylbenzene	ND		0.500	1	02/07/2021 14:57	WG1617115
Carbon disulfide	ND		0.500	1	02/07/2021 14:57	WG1617115
Carbon tetrachloride	ND		0.500	1	02/07/2021 14:57	WG1617115
Chlorobenzene	ND		0.500	1	02/07/2021 14:57	WG1617115
Chlorodibromomethane	ND		0.500	1	02/07/2021 14:57	WG1617115
Chloroethane	ND		2.50	1	02/07/2021 14:57	WG1617115
Chloroform	ND		0.500	1	02/07/2021 14:57	WG1617115
Chloromethane	ND		1.25	1	02/07/2021 14:57	WG1617115
2-Chlorotoluene	ND		0.500	1	02/07/2021 14:57	WG1617115
4-Chlorotoluene	ND		0.500	1	02/07/2021 14:57	WG1617115
1,2-Dibromo-3-Chloropropane	ND		2.50	1	02/07/2021 14:57	WG1617115
1,2-Dibromoethane	ND		0.500	1	02/07/2021 14:57	WG1617115
Dibromomethane	ND		0.500	1	02/07/2021 14:57	WG1617115
1,2-Dichlorobenzene	ND		0.500	1	02/07/2021 14:57	WG1617115
1,3-Dichlorobenzene	ND		0.500	1	02/07/2021 14:57	WG1617115
1,4-Dichlorobenzene	ND		0.500	1	02/07/2021 14:57	WG1617115
Dichlorodifluoromethane	ND		2.50	1	02/07/2021 14:57	WG1617115
1,1-Dichloroethane	ND		0.500	1	02/07/2021 14:57	WG1617115
1,2-Dichloroethane	ND		0.500	1	02/07/2021 14:57	WG1617115
1,1-Dichloroethene	ND		0.500	1	02/07/2021 14:57	WG1617115
cis-1,2-Dichloroethene	2.80		0.500	1	02/07/2021 14:57	WG1617115
trans-1,2-Dichloroethene	ND		0.500	1	02/07/2021 14:57	WG1617115
1,2-Dichloropropane	ND		0.500	1	02/07/2021 14:57	WG1617115
1,1-Dichloropropene	ND		0.500	1	02/07/2021 14:57	WG1617115
1,3-Dichloropropane	ND		1.00	1	02/07/2021 14:57	WG1617115
cis-1,3-Dichloropropene	ND		0.500	1	02/07/2021 14:57	WG1617115
trans-1,3-Dichloropropene	ND		0.500	1	02/07/2021 14:57	WG1617115
2,2-Dichloropropane	ND		0.500	1	02/07/2021 14:57	WG1617115
Di-isopropyl ether	ND		0.500	1	02/07/2021 14:57	WG1617115
Ethylbenzene	ND		0.500	1	02/07/2021 14:57	WG1617115
Hexachloro-1,3-butadiene	ND		1.00	1	02/07/2021 14:57	WG1617115
Isopropylbenzene	ND		0.500	1	02/07/2021 14:57	WG1617115
p-Isopropyltoluene	ND		0.500	1	02/07/2021 14:57	WG1617115
2-Butanone (MEK)	ND		5.00	1	02/07/2021 14:57	WG1617115
Methylene Chloride	ND		2.50	1	02/07/2021 14:57	WG1617115
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	02/07/2021 14:57	WG1617115
Methyl tert-butyl ether	ND		0.500	1	02/07/2021 14:57	WG1617115
Naphthalene	ND		2.50	1	02/07/2021 14:57	WG1617115
n-Propylbenzene	ND		0.500	1	02/07/2021 14:57	WG1617115
Styrene	ND		0.500	1	02/07/2021 14:57	WG1617115
1,1,1,2-Tetrachloroethane	ND		0.500	1	02/07/2021 14:57	WG1617115
1,1,2,2-Tetrachloroethane	ND		0.500	1	02/07/2021 14:57	WG1617115
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	02/07/2021 14:57	WG1617115
Tetrachloroethene	1.44		0.500	1	02/07/2021 14:57	WG1617115
Toluene	ND		0.500	1	02/07/2021 14:57	WG1617115
1,2,3-Trichlorobenzene	ND		0.500	1	02/07/2021 14:57	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 14:57	WG1617115
1,1,1-Trichloroethane	ND		0.500	1	02/07/2021 14:57	WG1617115
1,1,2-Trichloroethane	ND		0.500	1	02/07/2021 14:57	WG1617115
Trichloroethene	37.0		0.500	1	02/07/2021 14:57	WG1617115
Trichlorofluoromethane	ND		2.50	1	02/07/2021 14:57	WG1617115
1,2,3-Trichloropropane	ND		2.50	1	02/07/2021 14:57	WG1617115
1,2,4-Trimethylbenzene	ND		0.500	1	02/07/2021 14:57	WG1617115
1,2,3-Trimethylbenzene	ND		0.500	1	02/07/2021 14:57	WG1617115
1,3,5-Trimethylbenzene	ND		0.500	1	02/07/2021 14:57	WG1617115
Vinyl chloride	ND		0.500	1	02/07/2021 14:57	WG1617115
Xylenes, Total	ND		1.50	1	02/07/2021 14:57	WG1617115
(S) Toluene-d8	108		80.0-120		02/07/2021 14:57	WG1617115
(S) 4-Bromofluorobenzene	102		77.0-126		02/07/2021 14:57	WG1617115
(S) 1,2-Dichloroethane-d4	103		70.0-130		02/07/2021 14:57	WG1617115

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	44.5	C5	25.0	1	02/07/2021 15:18	WG1617115
Acrolein	ND		50.0	1	02/07/2021 15:18	WG1617115
Acrylonitrile	ND		5.00	1	02/07/2021 15:18	WG1617115
Benzene	ND		0.500	1	02/07/2021 15:18	WG1617115
Bromobenzene	ND		0.500	1	02/07/2021 15:18	WG1617115
Bromodichloromethane	ND		0.500	1	02/07/2021 15:18	WG1617115
Bromoform	ND		0.500	1	02/07/2021 15:18	WG1617115
Bromomethane	ND		2.50	1	02/07/2021 15:18	WG1617115
n-Butylbenzene	ND		0.500	1	02/07/2021 15:18	WG1617115
sec-Butylbenzene	ND		0.500	1	02/07/2021 15:18	WG1617115
tert-Butylbenzene	ND		0.500	1	02/07/2021 15:18	WG1617115
Carbon disulfide	ND		0.500	1	02/07/2021 15:18	WG1617115
Carbon tetrachloride	ND		0.500	1	02/07/2021 15:18	WG1617115
Chlorobenzene	ND		0.500	1	02/07/2021 15:18	WG1617115
Chlorodibromomethane	ND		0.500	1	02/07/2021 15:18	WG1617115
Chloroethane	ND		2.50	1	02/07/2021 15:18	WG1617115
Chloroform	ND		0.500	1	02/07/2021 15:18	WG1617115
Chloromethane	ND		1.25	1	02/07/2021 15:18	WG1617115
2-Chlorotoluene	ND		0.500	1	02/07/2021 15:18	WG1617115
4-Chlorotoluene	ND		0.500	1	02/07/2021 15:18	WG1617115
1,2-Dibromo-3-Chloropropane	ND		2.50	1	02/07/2021 15:18	WG1617115
1,2-Dibromoethane	ND		0.500	1	02/07/2021 15:18	WG1617115
Dibromomethane	ND		0.500	1	02/07/2021 15:18	WG1617115
1,2-Dichlorobenzene	ND		0.500	1	02/07/2021 15:18	WG1617115
1,3-Dichlorobenzene	ND		0.500	1	02/07/2021 15:18	WG1617115
1,4-Dichlorobenzene	ND		0.500	1	02/07/2021 15:18	WG1617115
Dichlorodifluoromethane	ND		2.50	1	02/07/2021 15:18	WG1617115
1,1-Dichloroethane	ND		0.500	1	02/07/2021 15:18	WG1617115
1,2-Dichloroethane	ND		0.500	1	02/07/2021 15:18	WG1617115
1,1-Dichloroethene	ND		0.500	1	02/07/2021 15:18	WG1617115
cis-1,2-Dichloroethene	2.49		0.500	1	02/07/2021 15:18	WG1617115
trans-1,2-Dichloroethene	ND		0.500	1	02/07/2021 15:18	WG1617115
1,2-Dichloropropane	ND		0.500	1	02/07/2021 15:18	WG1617115
1,1-Dichloropropene	ND		0.500	1	02/07/2021 15:18	WG1617115
1,3-Dichloropropane	ND		1.00	1	02/07/2021 15:18	WG1617115
cis-1,3-Dichloropropene	ND		0.500	1	02/07/2021 15:18	WG1617115
trans-1,3-Dichloropropene	ND		0.500	1	02/07/2021 15:18	WG1617115
2,2-Dichloropropane	ND		0.500	1	02/07/2021 15:18	WG1617115
Di-isopropyl ether	ND		0.500	1	02/07/2021 15:18	WG1617115
Ethylbenzene	ND		0.500	1	02/07/2021 15:18	WG1617115
Hexachloro-1,3-butadiene	ND		1.00	1	02/07/2021 15:18	WG1617115
Isopropylbenzene	ND		0.500	1	02/07/2021 15:18	WG1617115
p-Isopropyltoluene	ND		0.500	1	02/07/2021 15:18	WG1617115
2-Butanone (MEK)	ND		5.00	1	02/07/2021 15:18	WG1617115
Methylene Chloride	ND		2.50	1	02/07/2021 15:18	WG1617115
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	02/07/2021 15:18	WG1617115
Methyl tert-butyl ether	ND		0.500	1	02/07/2021 15:18	WG1617115
Naphthalene	ND		2.50	1	02/07/2021 15:18	WG1617115
n-Propylbenzene	ND		0.500	1	02/07/2021 15:18	WG1617115
Styrene	ND		0.500	1	02/07/2021 15:18	WG1617115
1,1,1,2-Tetrachloroethane	ND		0.500	1	02/07/2021 15:18	WG1617115
1,1,2,2-Tetrachloroethane	ND		0.500	1	02/07/2021 15:18	WG1617115
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	02/07/2021 15:18	WG1617115
Tetrachloroethene	1.28		0.500	1	02/07/2021 15:18	WG1617115
Toluene	ND		0.500	1	02/07/2021 15:18	WG1617115
1,2,3-Trichlorobenzene	ND		0.500	1	02/07/2021 15:18	WG1617115

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



Collected date/time: 02/03/21 12:45

L1313991

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 15:18	WG1617115
1,1,1-Trichloroethane	ND		0.500	1	02/07/2021 15:18	WG1617115
1,1,2-Trichloroethane	ND		0.500	1	02/07/2021 15:18	WG1617115
Trichloroethene	31.9		0.500	1	02/07/2021 15:18	WG1617115
Trichlorofluoromethane	ND		2.50	1	02/07/2021 15:18	WG1617115
1,2,3-Trichloropropane	ND		2.50	1	02/07/2021 15:18	WG1617115
1,2,4-Trimethylbenzene	ND		0.500	1	02/07/2021 15:18	WG1617115
1,2,3-Trimethylbenzene	ND		0.500	1	02/07/2021 15:18	WG1617115
1,3,5-Trimethylbenzene	ND		0.500	1	02/07/2021 15:18	WG1617115
Vinyl chloride	ND		0.500	1	02/07/2021 15:18	WG1617115
Xylenes, Total	ND		1.50	1	02/07/2021 15:18	WG1617115
(S) Toluene-d8	106		80.0-120		02/07/2021 15:18	WG1617115
(S) 4-Bromofluorobenzene	103		77.0-126		02/07/2021 15:18	WG1617115
(S) 1,2-Dichloroethane-d4	107		70.0-130		02/07/2021 15:18	WG1617115

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc



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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND		25.0	1	02/07/2021 15:38	WG1617115
Acrolein	ND		50.0	1	02/07/2021 15:38	WG1617115
Acrylonitrile	ND		5.00	1	02/07/2021 15:38	WG1617115
Benzene	ND		0.500	1	02/07/2021 15:38	WG1617115
Bromobenzene	ND		0.500	1	02/07/2021 15:38	WG1617115
Bromodichloromethane	ND		0.500	1	02/07/2021 15:38	WG1617115
Bromoform	ND		0.500	1	02/07/2021 15:38	WG1617115
Bromomethane	ND		2.50	1	02/07/2021 15:38	WG1617115
n-Butylbenzene	ND		0.500	1	02/07/2021 15:38	WG1617115
sec-Butylbenzene	ND		0.500	1	02/07/2021 15:38	WG1617115
tert-Butylbenzene	ND		0.500	1	02/07/2021 15:38	WG1617115
Carbon disulfide	ND		0.500	1	02/07/2021 15:38	WG1617115
Carbon tetrachloride	ND		0.500	1	02/07/2021 15:38	WG1617115
Chlorobenzene	ND		0.500	1	02/07/2021 15:38	WG1617115
Chlorodibromomethane	ND		0.500	1	02/07/2021 15:38	WG1617115
Chloroethane	ND		2.50	1	02/07/2021 15:38	WG1617115
Chloroform	ND		0.500	1	02/07/2021 15:38	WG1617115
Chloromethane	ND		1.25	1	02/07/2021 15:38	WG1617115
2-Chlorotoluene	ND		0.500	1	02/07/2021 15:38	WG1617115
4-Chlorotoluene	ND		0.500	1	02/07/2021 15:38	WG1617115
1,2-Dibromo-3-Chloropropane	ND		2.50	1	02/07/2021 15:38	WG1617115
1,2-Dibromoethane	ND		0.500	1	02/07/2021 15:38	WG1617115
Dibromomethane	ND		0.500	1	02/07/2021 15:38	WG1617115
1,2-Dichlorobenzene	ND		0.500	1	02/07/2021 15:38	WG1617115
1,3-Dichlorobenzene	ND		0.500	1	02/07/2021 15:38	WG1617115
1,4-Dichlorobenzene	ND		0.500	1	02/07/2021 15:38	WG1617115
Dichlorodifluoromethane	ND		2.50	1	02/07/2021 15:38	WG1617115
1,1-Dichloroethane	ND		0.500	1	02/07/2021 15:38	WG1617115
1,2-Dichloroethane	ND		0.500	1	02/07/2021 15:38	WG1617115
1,1-Dichloroethene	ND		0.500	1	02/07/2021 15:38	WG1617115
cis-1,2-Dichloroethene	2.11		0.500	1	02/07/2021 15:38	WG1617115
trans-1,2-Dichloroethene	ND		0.500	1	02/07/2021 15:38	WG1617115
1,2-Dichloropropane	ND		0.500	1	02/07/2021 15:38	WG1617115
1,1-Dichloropropene	ND		0.500	1	02/07/2021 15:38	WG1617115
1,3-Dichloropropane	ND		1.00	1	02/07/2021 15:38	WG1617115
cis-1,3-Dichloropropene	ND		0.500	1	02/07/2021 15:38	WG1617115
trans-1,3-Dichloropropene	ND		0.500	1	02/07/2021 15:38	WG1617115
2,2-Dichloropropane	ND		0.500	1	02/07/2021 15:38	WG1617115
Di-isopropyl ether	ND		0.500	1	02/07/2021 15:38	WG1617115
Ethylbenzene	ND		0.500	1	02/07/2021 15:38	WG1617115
Hexachloro-1,3-butadiene	ND		1.00	1	02/07/2021 15:38	WG1617115
Isopropylbenzene	ND		0.500	1	02/07/2021 15:38	WG1617115
p-Isopropyltoluene	ND		0.500	1	02/07/2021 15:38	WG1617115
2-Butanone (MEK)	ND		5.00	1	02/07/2021 15:38	WG1617115
Methylene Chloride	ND		2.50	1	02/07/2021 15:38	WG1617115
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	02/07/2021 15:38	WG1617115
Methyl tert-butyl ether	ND		0.500	1	02/07/2021 15:38	WG1617115
Naphthalene	ND		2.50	1	02/07/2021 15:38	WG1617115
n-Propylbenzene	ND		0.500	1	02/07/2021 15:38	WG1617115
Styrene	ND		0.500	1	02/07/2021 15:38	WG1617115
1,1,1,2-Tetrachloroethane	ND		0.500	1	02/07/2021 15:38	WG1617115
1,1,2,2-Tetrachloroethane	ND		0.500	1	02/07/2021 15:38	WG1617115
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	02/07/2021 15:38	WG1617115
Tetrachloroethene	1.15		0.500	1	02/07/2021 15:38	WG1617115
Toluene	ND		0.500	1	02/07/2021 15:38	WG1617115
1,2,3-Trichlorobenzene	ND		0.500	1	02/07/2021 15:38	WG1617115

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Collected date/time: 02/03/21 12:50

L1313991

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 15:38	WG1617115
1,1,1-Trichloroethane	ND		0.500	1	02/07/2021 15:38	WG1617115
1,1,2-Trichloroethane	ND		0.500	1	02/07/2021 15:38	WG1617115
Trichloroethene	29.5		0.500	1	02/07/2021 15:38	WG1617115
Trichlorofluoromethane	ND		2.50	1	02/07/2021 15:38	WG1617115
1,2,3-Trichloropropane	ND		2.50	1	02/07/2021 15:38	WG1617115
1,2,4-Trimethylbenzene	ND		0.500	1	02/07/2021 15:38	WG1617115
1,2,3-Trimethylbenzene	ND		0.500	1	02/07/2021 15:38	WG1617115
1,3,5-Trimethylbenzene	ND		0.500	1	02/07/2021 15:38	WG1617115
Vinyl chloride	ND		0.500	1	02/07/2021 15:38	WG1617115
Xylenes, Total	ND		1.50	1	02/07/2021 15:38	WG1617115
(S) Toluene-d8	106		80.0-120		02/07/2021 15:38	WG1617115
(S) 4-Bromofluorobenzene	101		77.0-126		02/07/2021 15:38	WG1617115
(S) 1,2-Dichloroethane-d4	101		70.0-130		02/07/2021 15:38	WG1617115

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc



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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND		25.0	1	02/07/2021 15:58	WG1617115
Acrolein	ND		50.0	1	02/07/2021 15:58	WG1617115
Acrylonitrile	ND		5.00	1	02/07/2021 15:58	WG1617115
Benzene	ND		0.500	1	02/07/2021 15:58	WG1617115
Bromobenzene	ND		0.500	1	02/07/2021 15:58	WG1617115
Bromodichloromethane	ND		0.500	1	02/07/2021 15:58	WG1617115
Bromoform	ND		0.500	1	02/07/2021 15:58	WG1617115
Bromomethane	ND		2.50	1	02/07/2021 15:58	WG1617115
n-Butylbenzene	ND		0.500	1	02/07/2021 15:58	WG1617115
sec-Butylbenzene	ND		0.500	1	02/07/2021 15:58	WG1617115
tert-Butylbenzene	ND		0.500	1	02/07/2021 15:58	WG1617115
Carbon disulfide	ND		0.500	1	02/07/2021 15:58	WG1617115
Carbon tetrachloride	ND		0.500	1	02/07/2021 15:58	WG1617115
Chlorobenzene	ND		0.500	1	02/07/2021 15:58	WG1617115
Chlorodibromomethane	ND		0.500	1	02/07/2021 15:58	WG1617115
Chloroethane	ND		2.50	1	02/07/2021 15:58	WG1617115
Chloroform	ND		0.500	1	02/07/2021 15:58	WG1617115
Chloromethane	ND		1.25	1	02/07/2021 15:58	WG1617115
2-Chlorotoluene	ND		0.500	1	02/07/2021 15:58	WG1617115
4-Chlorotoluene	ND		0.500	1	02/07/2021 15:58	WG1617115
1,2-Dibromo-3-Chloropropane	ND		2.50	1	02/07/2021 15:58	WG1617115
1,2-Dibromoethane	ND		0.500	1	02/07/2021 15:58	WG1617115
Dibromomethane	ND		0.500	1	02/07/2021 15:58	WG1617115
1,2-Dichlorobenzene	ND		0.500	1	02/07/2021 15:58	WG1617115
1,3-Dichlorobenzene	ND		0.500	1	02/07/2021 15:58	WG1617115
1,4-Dichlorobenzene	ND		0.500	1	02/07/2021 15:58	WG1617115
Dichlorodifluoromethane	ND		2.50	1	02/07/2021 15:58	WG1617115
1,1-Dichloroethane	ND		0.500	1	02/07/2021 15:58	WG1617115
1,2-Dichloroethane	ND		0.500	1	02/07/2021 15:58	WG1617115
1,1-Dichloroethene	ND		0.500	1	02/07/2021 15:58	WG1617115
cis-1,2-Dichloroethene	2.71		0.500	1	02/07/2021 15:58	WG1617115
trans-1,2-Dichloroethene	ND		0.500	1	02/07/2021 15:58	WG1617115
1,2-Dichloropropane	ND		0.500	1	02/07/2021 15:58	WG1617115
1,1-Dichloropropene	ND		0.500	1	02/07/2021 15:58	WG1617115
1,3-Dichloropropane	ND		1.00	1	02/07/2021 15:58	WG1617115
cis-1,3-Dichloropropene	ND		0.500	1	02/07/2021 15:58	WG1617115
trans-1,3-Dichloropropene	ND		0.500	1	02/07/2021 15:58	WG1617115
2,2-Dichloropropane	ND		0.500	1	02/07/2021 15:58	WG1617115
Di-isopropyl ether	ND		0.500	1	02/07/2021 15:58	WG1617115
Ethylbenzene	ND		0.500	1	02/07/2021 15:58	WG1617115
Hexachloro-1,3-butadiene	ND		1.00	1	02/07/2021 15:58	WG1617115
Isopropylbenzene	ND		0.500	1	02/07/2021 15:58	WG1617115
p-Isopropyltoluene	ND		0.500	1	02/07/2021 15:58	WG1617115
2-Butanone (MEK)	ND		5.00	1	02/07/2021 15:58	WG1617115
Methylene Chloride	ND		2.50	1	02/07/2021 15:58	WG1617115
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	02/07/2021 15:58	WG1617115
Methyl tert-butyl ether	ND		0.500	1	02/07/2021 15:58	WG1617115
Naphthalene	ND		2.50	1	02/07/2021 15:58	WG1617115
n-Propylbenzene	ND		0.500	1	02/07/2021 15:58	WG1617115
Styrene	ND		0.500	1	02/07/2021 15:58	WG1617115
1,1,1,2-Tetrachloroethane	ND		0.500	1	02/07/2021 15:58	WG1617115
1,1,2,2-Tetrachloroethane	ND		0.500	1	02/07/2021 15:58	WG1617115
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	02/07/2021 15:58	WG1617115
Tetrachloroethene	1.34		0.500	1	02/07/2021 15:58	WG1617115
Toluene	ND		0.500	1	02/07/2021 15:58	WG1617115
1,2,3-Trichlorobenzene	ND		0.500	1	02/07/2021 15:58	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 15:58	WG1617115
1,1,1-Trichloroethane	ND		0.500	1	02/07/2021 15:58	WG1617115
1,1,2-Trichloroethane	ND		0.500	1	02/07/2021 15:58	WG1617115
Trichloroethene	32.9		0.500	1	02/07/2021 15:58	WG1617115
Trichlorofluoromethane	ND		2.50	1	02/07/2021 15:58	WG1617115
1,2,3-Trichloropropane	ND		2.50	1	02/07/2021 15:58	WG1617115
1,2,4-Trimethylbenzene	ND		0.500	1	02/07/2021 15:58	WG1617115
1,2,3-Trimethylbenzene	ND		0.500	1	02/07/2021 15:58	WG1617115
1,3,5-Trimethylbenzene	ND		0.500	1	02/07/2021 15:58	WG1617115
Vinyl chloride	ND		0.500	1	02/07/2021 15:58	WG1617115
Xylenes, Total	ND		1.50	1	02/07/2021 15:58	WG1617115
(S) Toluene-d8	104		80.0-120		02/07/2021 15:58	WG1617115
(S) 4-Bromofluorobenzene	100		77.0-126		02/07/2021 15:58	WG1617115
(S) 1,2-Dichloroethane-d4	106		70.0-130		02/07/2021 15:58	WG1617115

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	32.4	C5	25.0	1	02/07/2021 16:18	WG1617115
Acrolein	ND		50.0	1	02/07/2021 16:18	WG1617115
Acrylonitrile	ND		5.00	1	02/07/2021 16:18	WG1617115
Benzene	ND		0.500	1	02/07/2021 16:18	WG1617115
Bromobenzene	ND		0.500	1	02/07/2021 16:18	WG1617115
Bromodichloromethane	ND		0.500	1	02/07/2021 16:18	WG1617115
Bromoform	ND		0.500	1	02/07/2021 16:18	WG1617115
Bromomethane	ND		2.50	1	02/07/2021 16:18	WG1617115
n-Butylbenzene	ND		0.500	1	02/07/2021 16:18	WG1617115
sec-Butylbenzene	ND		0.500	1	02/07/2021 16:18	WG1617115
tert-Butylbenzene	ND		0.500	1	02/07/2021 16:18	WG1617115
Carbon disulfide	ND		0.500	1	02/07/2021 16:18	WG1617115
Carbon tetrachloride	ND		0.500	1	02/07/2021 16:18	WG1617115
Chlorobenzene	ND		0.500	1	02/07/2021 16:18	WG1617115
Chlorodibromomethane	ND		0.500	1	02/07/2021 16:18	WG1617115
Chloroethane	ND		2.50	1	02/07/2021 16:18	WG1617115
Chloroform	ND		0.500	1	02/07/2021 16:18	WG1617115
Chloromethane	ND		1.25	1	02/07/2021 16:18	WG1617115
2-Chlorotoluene	ND		0.500	1	02/07/2021 16:18	WG1617115
4-Chlorotoluene	ND		0.500	1	02/07/2021 16:18	WG1617115
1,2-Dibromo-3-Chloropropane	ND		2.50	1	02/07/2021 16:18	WG1617115
1,2-Dibromoethane	ND		0.500	1	02/07/2021 16:18	WG1617115
Dibromomethane	ND		0.500	1	02/07/2021 16:18	WG1617115
1,2-Dichlorobenzene	ND		0.500	1	02/07/2021 16:18	WG1617115
1,3-Dichlorobenzene	ND		0.500	1	02/07/2021 16:18	WG1617115
1,4-Dichlorobenzene	ND		0.500	1	02/07/2021 16:18	WG1617115
Dichlorodifluoromethane	ND		2.50	1	02/07/2021 16:18	WG1617115
1,1-Dichloroethane	ND		0.500	1	02/07/2021 16:18	WG1617115
1,2-Dichloroethane	ND		0.500	1	02/07/2021 16:18	WG1617115
1,1-Dichloroethene	ND		0.500	1	02/07/2021 16:18	WG1617115
cis-1,2-Dichloroethene	2.57		0.500	1	02/07/2021 16:18	WG1617115
trans-1,2-Dichloroethene	ND		0.500	1	02/07/2021 16:18	WG1617115
1,2-Dichloropropane	ND		0.500	1	02/07/2021 16:18	WG1617115
1,1-Dichloropropene	ND		0.500	1	02/07/2021 16:18	WG1617115
1,3-Dichloropropane	ND		1.00	1	02/07/2021 16:18	WG1617115
cis-1,3-Dichloropropene	ND		0.500	1	02/07/2021 16:18	WG1617115
trans-1,3-Dichloropropene	ND		0.500	1	02/07/2021 16:18	WG1617115
2,2-Dichloropropane	ND		0.500	1	02/07/2021 16:18	WG1617115
Di-isopropyl ether	ND		0.500	1	02/07/2021 16:18	WG1617115
Ethylbenzene	ND		0.500	1	02/07/2021 16:18	WG1617115
Hexachloro-1,3-butadiene	ND		1.00	1	02/07/2021 16:18	WG1617115
Isopropylbenzene	ND		0.500	1	02/07/2021 16:18	WG1617115
p-Isopropyltoluene	ND		0.500	1	02/07/2021 16:18	WG1617115
2-Butanone (MEK)	ND		5.00	1	02/07/2021 16:18	WG1617115
Methylene Chloride	ND		2.50	1	02/07/2021 16:18	WG1617115
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	02/07/2021 16:18	WG1617115
Methyl tert-butyl ether	ND		0.500	1	02/07/2021 16:18	WG1617115
Naphthalene	ND		2.50	1	02/07/2021 16:18	WG1617115
n-Propylbenzene	ND		0.500	1	02/07/2021 16:18	WG1617115
Styrene	ND		0.500	1	02/07/2021 16:18	WG1617115
1,1,1,2-Tetrachloroethane	ND		0.500	1	02/07/2021 16:18	WG1617115
1,1,2,2-Tetrachloroethane	ND		0.500	1	02/07/2021 16:18	WG1617115
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	02/07/2021 16:18	WG1617115
Tetrachloroethene	1.35		0.500	1	02/07/2021 16:18	WG1617115
Toluene	ND		0.500	1	02/07/2021 16:18	WG1617115
1,2,3-Trichlorobenzene	ND		0.500	1	02/07/2021 16:18	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 16:18	WG1617115
1,1,1-Trichloroethane	ND		0.500	1	02/07/2021 16:18	WG1617115
1,1,2-Trichloroethane	ND		0.500	1	02/07/2021 16:18	WG1617115
Trichloroethene	34.2		0.500	1	02/07/2021 16:18	WG1617115
Trichlorofluoromethane	ND		2.50	1	02/07/2021 16:18	WG1617115
1,2,3-Trichloropropane	ND		2.50	1	02/07/2021 16:18	WG1617115
1,2,4-Trimethylbenzene	ND		0.500	1	02/07/2021 16:18	WG1617115
1,2,3-Trimethylbenzene	ND		0.500	1	02/07/2021 16:18	WG1617115
1,3,5-Trimethylbenzene	ND		0.500	1	02/07/2021 16:18	WG1617115
Vinyl chloride	ND		0.500	1	02/07/2021 16:18	WG1617115
Xylenes, Total	ND		1.50	1	02/07/2021 16:18	WG1617115
(S) Toluene-d8	107		80.0-120		02/07/2021 16:18	WG1617115
(S) 4-Bromofluorobenzene	101		77.0-126		02/07/2021 16:18	WG1617115
(S) 1,2-Dichloroethane-d4	105		70.0-130		02/07/2021 16:18	WG1617115

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	36.0	C5	25.0	1	02/07/2021 16:38	WG1617115
Acrolein	ND		50.0	1	02/07/2021 16:38	WG1617115
Acrylonitrile	ND		5.00	1	02/07/2021 16:38	WG1617115
Benzene	ND		0.500	1	02/07/2021 16:38	WG1617115
Bromobenzene	ND		0.500	1	02/07/2021 16:38	WG1617115
Bromodichloromethane	ND		0.500	1	02/07/2021 16:38	WG1617115
Bromoform	ND		0.500	1	02/07/2021 16:38	WG1617115
Bromomethane	ND		2.50	1	02/07/2021 16:38	WG1617115
n-Butylbenzene	ND		0.500	1	02/07/2021 16:38	WG1617115
sec-Butylbenzene	ND		0.500	1	02/07/2021 16:38	WG1617115
tert-Butylbenzene	ND		0.500	1	02/07/2021 16:38	WG1617115
Carbon disulfide	ND		0.500	1	02/07/2021 16:38	WG1617115
Carbon tetrachloride	ND		0.500	1	02/07/2021 16:38	WG1617115
Chlorobenzene	ND		0.500	1	02/07/2021 16:38	WG1617115
Chlorodibromomethane	ND		0.500	1	02/07/2021 16:38	WG1617115
Chloroethane	ND		2.50	1	02/07/2021 16:38	WG1617115
Chloroform	ND		0.500	1	02/07/2021 16:38	WG1617115
Chloromethane	ND		1.25	1	02/07/2021 16:38	WG1617115
2-Chlorotoluene	ND		0.500	1	02/07/2021 16:38	WG1617115
4-Chlorotoluene	ND		0.500	1	02/07/2021 16:38	WG1617115
1,2-Dibromo-3-Chloropropane	ND		2.50	1	02/07/2021 16:38	WG1617115
1,2-Dibromoethane	ND		0.500	1	02/07/2021 16:38	WG1617115
Dibromomethane	ND		0.500	1	02/07/2021 16:38	WG1617115
1,2-Dichlorobenzene	ND		0.500	1	02/07/2021 16:38	WG1617115
1,3-Dichlorobenzene	ND		0.500	1	02/07/2021 16:38	WG1617115
1,4-Dichlorobenzene	ND		0.500	1	02/07/2021 16:38	WG1617115
Dichlorodifluoromethane	ND		2.50	1	02/07/2021 16:38	WG1617115
1,1-Dichloroethane	ND		0.500	1	02/07/2021 16:38	WG1617115
1,2-Dichloroethane	ND		0.500	1	02/07/2021 16:38	WG1617115
1,1-Dichloroethene	ND		0.500	1	02/07/2021 16:38	WG1617115
cis-1,2-Dichloroethene	2.48		0.500	1	02/07/2021 16:38	WG1617115
trans-1,2-Dichloroethene	ND		0.500	1	02/07/2021 16:38	WG1617115
1,2-Dichloropropane	ND		0.500	1	02/07/2021 16:38	WG1617115
1,1-Dichloropropene	ND		0.500	1	02/07/2021 16:38	WG1617115
1,3-Dichloropropane	ND		1.00	1	02/07/2021 16:38	WG1617115
cis-1,3-Dichloropropene	ND		0.500	1	02/07/2021 16:38	WG1617115
trans-1,3-Dichloropropene	ND		0.500	1	02/07/2021 16:38	WG1617115
2,2-Dichloropropane	ND		0.500	1	02/07/2021 16:38	WG1617115
Di-isopropyl ether	ND		0.500	1	02/07/2021 16:38	WG1617115
Ethylbenzene	ND		0.500	1	02/07/2021 16:38	WG1617115
Hexachloro-1,3-butadiene	ND		1.00	1	02/07/2021 16:38	WG1617115
Isopropylbenzene	ND		0.500	1	02/07/2021 16:38	WG1617115
p-Isopropyltoluene	ND		0.500	1	02/07/2021 16:38	WG1617115
2-Butanone (MEK)	ND		5.00	1	02/07/2021 16:38	WG1617115
Methylene Chloride	ND		2.50	1	02/07/2021 16:38	WG1617115
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	02/07/2021 16:38	WG1617115
Methyl tert-butyl ether	ND		0.500	1	02/07/2021 16:38	WG1617115
Naphthalene	ND		2.50	1	02/07/2021 16:38	WG1617115
n-Propylbenzene	ND		0.500	1	02/07/2021 16:38	WG1617115
Styrene	ND		0.500	1	02/07/2021 16:38	WG1617115
1,1,1,2-Tetrachloroethane	ND		0.500	1	02/07/2021 16:38	WG1617115
1,1,2,2-Tetrachloroethane	ND		0.500	1	02/07/2021 16:38	WG1617115
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	02/07/2021 16:38	WG1617115
Tetrachloroethene	1.29		0.500	1	02/07/2021 16:38	WG1617115
Toluene	ND		0.500	1	02/07/2021 16:38	WG1617115
1,2,3-Trichlorobenzene	ND		0.500	1	02/07/2021 16:38	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 16:38	WG1617115
1,1,1-Trichloroethane	ND		0.500	1	02/07/2021 16:38	WG1617115
1,1,2-Trichloroethane	ND		0.500	1	02/07/2021 16:38	WG1617115
Trichloroethene	33.1		0.500	1	02/07/2021 16:38	WG1617115
Trichlorofluoromethane	ND		2.50	1	02/07/2021 16:38	WG1617115
1,2,3-Trichloropropane	ND		2.50	1	02/07/2021 16:38	WG1617115
1,2,4-Trimethylbenzene	ND		0.500	1	02/07/2021 16:38	WG1617115
1,2,3-Trimethylbenzene	ND		0.500	1	02/07/2021 16:38	WG1617115
1,3,5-Trimethylbenzene	ND		0.500	1	02/07/2021 16:38	WG1617115
Vinyl chloride	ND		0.500	1	02/07/2021 16:38	WG1617115
Xylenes, Total	ND		1.50	1	02/07/2021 16:38	WG1617115
(S) Toluene-d8	106		80.0-120		02/07/2021 16:38	WG1617115
(S) 4-Bromofluorobenzene	103		77.0-126		02/07/2021 16:38	WG1617115
(S) 1,2-Dichloroethane-d4	103		70.0-130		02/07/2021 16:38	WG1617115

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc



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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Acetone	ND		25.0	1	02/07/2021 03:12	WG1617488
Acrolein	ND		50.0	1	02/07/2021 03:12	WG1617488
Acrylonitrile	ND		5.00	1	02/07/2021 03:12	WG1617488
Benzene	ND		0.500	1	02/07/2021 03:12	WG1617488
Bromobenzene	ND		0.500	1	02/07/2021 03:12	WG1617488
Bromodichloromethane	ND		0.500	1	02/07/2021 03:12	WG1617488
Bromoform	ND		0.500	1	02/07/2021 03:12	WG1617488
Bromomethane	ND		2.50	1	02/07/2021 03:12	WG1617488
n-Butylbenzene	ND		0.500	1	02/07/2021 03:12	WG1617488
sec-Butylbenzene	ND		0.500	1	02/07/2021 03:12	WG1617488
tert-Butylbenzene	ND		0.500	1	02/07/2021 03:12	WG1617488
Carbon disulfide	ND		0.500	1	02/07/2021 03:12	WG1617488
Carbon tetrachloride	ND		0.500	1	02/07/2021 03:12	WG1617488
Chlorobenzene	ND		0.500	1	02/07/2021 03:12	WG1617488
Chlorodibromomethane	ND		0.500	1	02/07/2021 03:12	WG1617488
Chloroethane	ND		2.50	1	02/07/2021 03:12	WG1617488
Chloroform	ND		0.500	1	02/07/2021 03:12	WG1617488
Chloromethane	ND		1.25	1	02/07/2021 03:12	WG1617488
2-Chlorotoluene	ND		0.500	1	02/07/2021 03:12	WG1617488
4-Chlorotoluene	ND		0.500	1	02/07/2021 03:12	WG1617488
1,2-Dibromo-3-Chloropropane	ND		2.50	1	02/07/2021 03:12	WG1617488
1,2-Dibromoethane	ND		0.500	1	02/07/2021 03:12	WG1617488
Dibromomethane	ND		0.500	1	02/07/2021 03:12	WG1617488
1,2-Dichlorobenzene	ND		0.500	1	02/07/2021 03:12	WG1617488
1,3-Dichlorobenzene	ND		0.500	1	02/07/2021 03:12	WG1617488
1,4-Dichlorobenzene	ND		0.500	1	02/07/2021 03:12	WG1617488
Dichlorodifluoromethane	ND		2.50	1	02/07/2021 03:12	WG1617488
1,1-Dichloroethane	ND		0.500	1	02/07/2021 03:12	WG1617488
1,2-Dichloroethane	ND		0.500	1	02/07/2021 03:12	WG1617488
1,1-Dichloroethene	ND		0.500	1	02/07/2021 03:12	WG1617488
cis-1,2-Dichloroethene	ND		0.500	1	02/07/2021 03:12	WG1617488
trans-1,2-Dichloroethene	ND		0.500	1	02/07/2021 03:12	WG1617488
1,2-Dichloropropane	ND		0.500	1	02/07/2021 03:12	WG1617488
1,1-Dichloropropene	ND		0.500	1	02/07/2021 03:12	WG1617488
1,3-Dichloropropane	ND		1.00	1	02/07/2021 03:12	WG1617488
cis-1,3-Dichloropropene	ND		0.500	1	02/07/2021 03:12	WG1617488
trans-1,3-Dichloropropene	ND		0.500	1	02/07/2021 03:12	WG1617488
2,2-Dichloropropane	ND		0.500	1	02/07/2021 03:12	WG1617488
Di-isopropyl ether	ND		0.500	1	02/07/2021 03:12	WG1617488
Ethylbenzene	ND		0.500	1	02/07/2021 03:12	WG1617488
Hexachloro-1,3-butadiene	ND	<u>C3</u>	1.00	1	02/07/2021 03:12	WG1617488
Isopropylbenzene	ND		0.500	1	02/07/2021 03:12	WG1617488
p-Isopropyltoluene	ND		0.500	1	02/07/2021 03:12	WG1617488
2-Butanone (MEK)	ND		5.00	1	02/07/2021 03:12	WG1617488
Methylene Chloride	ND		2.50	1	02/07/2021 03:12	WG1617488
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	02/07/2021 03:12	WG1617488
Methyl tert-butyl ether	ND		0.500	1	02/07/2021 03:12	WG1617488
Naphthalene	ND		2.50	1	02/07/2021 03:12	WG1617488
n-Propylbenzene	ND		0.500	1	02/07/2021 03:12	WG1617488
Styrene	ND		0.500	1	02/07/2021 03:12	WG1617488
1,1,1,2-Tetrachloroethane	ND		0.500	1	02/07/2021 03:12	WG1617488
1,1,2,2-Tetrachloroethane	ND		0.500	1	02/07/2021 03:12	WG1617488
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	02/07/2021 03:12	WG1617488
Tetrachloroethene	ND		0.500	1	02/07/2021 03:12	WG1617488
Toluene	ND		0.500	1	02/07/2021 03:12	WG1617488
1,2,3-Trichlorobenzene	ND	<u>C3</u>	0.500	1	02/07/2021 03:12	WG1617488

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	<u>C3</u>	1.00	1	02/07/2021 03:12	WG1617488
1,1,1-Trichloroethane	ND		0.500	1	02/07/2021 03:12	WG1617488
1,1,2-Trichloroethane	ND		0.500	1	02/07/2021 03:12	WG1617488
Trichloroethene	ND		0.500	1	02/07/2021 03:12	WG1617488
Trichlorofluoromethane	ND		2.50	1	02/07/2021 03:12	WG1617488
1,2,3-Trichloropropane	ND		2.50	1	02/07/2021 03:12	WG1617488
1,2,4-Trimethylbenzene	ND		0.500	1	02/07/2021 03:12	WG1617488
1,2,3-Trimethylbenzene	ND		0.500	1	02/07/2021 03:12	WG1617488
1,3,5-Trimethylbenzene	ND		0.500	1	02/07/2021 03:12	WG1617488
Vinyl chloride	ND		0.500	1	02/07/2021 03:12	WG1617488
Xylenes, Total	ND		1.50	1	02/07/2021 03:12	WG1617488
(S) Toluene-d8	105		80.0-120		02/07/2021 03:12	WG1617488
(S) 4-Bromofluorobenzene	101		77.0-126		02/07/2021 03:12	WG1617488
(S) 1,2-Dichloroethane-d4	103		70.0-130		02/07/2021 03:12	WG1617488

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc



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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND		25.0	1	02/07/2021 03:32	WG1617488
Acrolein	ND		50.0	1	02/07/2021 03:32	WG1617488
Acrylonitrile	ND		5.00	1	02/07/2021 03:32	WG1617488
Benzene	ND		0.500	1	02/07/2021 03:32	WG1617488
Bromobenzene	ND		0.500	1	02/07/2021 03:32	WG1617488
Bromodichloromethane	ND		0.500	1	02/07/2021 03:32	WG1617488
Bromoform	ND		0.500	1	02/07/2021 03:32	WG1617488
Bromomethane	ND		2.50	1	02/07/2021 03:32	WG1617488
n-Butylbenzene	ND		0.500	1	02/07/2021 03:32	WG1617488
sec-Butylbenzene	ND		0.500	1	02/07/2021 03:32	WG1617488
tert-Butylbenzene	ND		0.500	1	02/07/2021 03:32	WG1617488
Carbon disulfide	ND		0.500	1	02/07/2021 03:32	WG1617488
Carbon tetrachloride	ND		0.500	1	02/07/2021 03:32	WG1617488
Chlorobenzene	ND		0.500	1	02/07/2021 03:32	WG1617488
Chlorodibromomethane	ND		0.500	1	02/07/2021 03:32	WG1617488
Chloroethane	ND		2.50	1	02/07/2021 03:32	WG1617488
Chloroform	0.543		0.500	1	02/07/2021 03:32	WG1617488
Chloromethane	ND		1.25	1	02/07/2021 03:32	WG1617488
2-Chlorotoluene	ND		0.500	1	02/07/2021 03:32	WG1617488
4-Chlorotoluene	ND		0.500	1	02/07/2021 03:32	WG1617488
1,2-Dibromo-3-Chloropropane	ND		2.50	1	02/07/2021 03:32	WG1617488
1,2-Dibromoethane	ND		0.500	1	02/07/2021 03:32	WG1617488
Dibromomethane	ND		0.500	1	02/07/2021 03:32	WG1617488
1,2-Dichlorobenzene	ND		0.500	1	02/07/2021 03:32	WG1617488
1,3-Dichlorobenzene	ND		0.500	1	02/07/2021 03:32	WG1617488
1,4-Dichlorobenzene	ND		0.500	1	02/07/2021 03:32	WG1617488
Dichlorodifluoromethane	ND		2.50	1	02/07/2021 03:32	WG1617488
1,1-Dichloroethane	ND		0.500	1	02/07/2021 03:32	WG1617488
1,2-Dichloroethane	ND		0.500	1	02/07/2021 03:32	WG1617488
1,1-Dichloroethene	ND		0.500	1	02/07/2021 03:32	WG1617488
cis-1,2-Dichloroethene	1.39		0.500	1	02/07/2021 03:32	WG1617488
trans-1,2-Dichloroethene	ND		0.500	1	02/07/2021 03:32	WG1617488
1,2-Dichloropropane	ND		0.500	1	02/07/2021 03:32	WG1617488
1,1-Dichloropropene	ND		0.500	1	02/07/2021 03:32	WG1617488
1,3-Dichloropropane	ND		1.00	1	02/07/2021 03:32	WG1617488
cis-1,3-Dichloropropene	ND		0.500	1	02/07/2021 03:32	WG1617488
trans-1,3-Dichloropropene	ND		0.500	1	02/07/2021 03:32	WG1617488
2,2-Dichloropropane	ND		0.500	1	02/07/2021 03:32	WG1617488
Di-isopropyl ether	ND		0.500	1	02/07/2021 03:32	WG1617488
Ethylbenzene	ND		0.500	1	02/07/2021 03:32	WG1617488
Hexachloro-1,3-butadiene	ND	<u>C3</u>	1.00	1	02/07/2021 03:32	WG1617488
Isopropylbenzene	ND		0.500	1	02/07/2021 03:32	WG1617488
p-Isopropyltoluene	ND		0.500	1	02/07/2021 03:32	WG1617488
2-Butanone (MEK)	ND		5.00	1	02/07/2021 03:32	WG1617488
Methylene Chloride	ND		2.50	1	02/07/2021 03:32	WG1617488
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	02/07/2021 03:32	WG1617488
Methyl tert-butyl ether	ND		0.500	1	02/07/2021 03:32	WG1617488
Naphthalene	ND		2.50	1	02/07/2021 03:32	WG1617488
n-Propylbenzene	ND		0.500	1	02/07/2021 03:32	WG1617488
Styrene	ND		0.500	1	02/07/2021 03:32	WG1617488
1,1,1,2-Tetrachloroethane	ND		0.500	1	02/07/2021 03:32	WG1617488
1,1,2,2-Tetrachloroethane	ND		0.500	1	02/07/2021 03:32	WG1617488
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	02/07/2021 03:32	WG1617488
Tetrachloroethene	ND		0.500	1	02/07/2021 03:32	WG1617488
Toluene	ND		0.500	1	02/07/2021 03:32	WG1617488
1,2,3-Trichlorobenzene	ND	<u>C3</u>	0.500	1	02/07/2021 03:32	WG1617488

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	<u>C3</u>	1.00	1	02/07/2021 03:32	WG1617488
1,1,1-Trichloroethane	ND		0.500	1	02/07/2021 03:32	WG1617488
1,1,2-Trichloroethane	ND		0.500	1	02/07/2021 03:32	WG1617488
Trichloroethene	4.50		0.500	1	02/07/2021 03:32	WG1617488
Trichlorofluoromethane	ND		2.50	1	02/07/2021 03:32	WG1617488
1,2,3-Trichloropropane	ND		2.50	1	02/07/2021 03:32	WG1617488
1,2,4-Trimethylbenzene	ND		0.500	1	02/07/2021 03:32	WG1617488
1,2,3-Trimethylbenzene	ND		0.500	1	02/07/2021 03:32	WG1617488
1,3,5-Trimethylbenzene	ND		0.500	1	02/07/2021 03:32	WG1617488
Vinyl chloride	ND		0.500	1	02/07/2021 03:32	WG1617488
Xylenes, Total	ND		1.50	1	02/07/2021 03:32	WG1617488
(S) Toluene-d8	104		80.0-120		02/07/2021 03:32	WG1617488
(S) 4-Bromofluorobenzene	100		77.0-126		02/07/2021 03:32	WG1617488
(S) 1,2-Dichloroethane-d4	105		70.0-130		02/07/2021 03:32	WG1617488

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc



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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND		25.0	1	02/07/2021 03:53	WG1617488
Acrolein	ND		50.0	1	02/07/2021 03:53	WG1617488
Acrylonitrile	ND		5.00	1	02/07/2021 03:53	WG1617488
Benzene	ND		0.500	1	02/07/2021 03:53	WG1617488
Bromobenzene	ND		0.500	1	02/07/2021 03:53	WG1617488
Bromodichloromethane	ND		0.500	1	02/07/2021 03:53	WG1617488
Bromoform	ND		0.500	1	02/07/2021 03:53	WG1617488
Bromomethane	ND		2.50	1	02/07/2021 03:53	WG1617488
n-Butylbenzene	ND		0.500	1	02/07/2021 03:53	WG1617488
sec-Butylbenzene	ND		0.500	1	02/07/2021 03:53	WG1617488
tert-Butylbenzene	ND		0.500	1	02/07/2021 03:53	WG1617488
Carbon disulfide	ND		0.500	1	02/07/2021 03:53	WG1617488
Carbon tetrachloride	ND		0.500	1	02/07/2021 03:53	WG1617488
Chlorobenzene	ND		0.500	1	02/07/2021 03:53	WG1617488
Chlorodibromomethane	ND		0.500	1	02/07/2021 03:53	WG1617488
Chloroethane	ND		2.50	1	02/07/2021 03:53	WG1617488
Chloroform	0.947		0.500	1	02/07/2021 03:53	WG1617488
Chloromethane	ND		1.25	1	02/07/2021 03:53	WG1617488
2-Chlorotoluene	ND		0.500	1	02/07/2021 03:53	WG1617488
4-Chlorotoluene	ND		0.500	1	02/07/2021 03:53	WG1617488
1,2-Dibromo-3-Chloropropane	ND		2.50	1	02/07/2021 03:53	WG1617488
1,2-Dibromoethane	ND		0.500	1	02/07/2021 03:53	WG1617488
Dibromomethane	ND		0.500	1	02/07/2021 03:53	WG1617488
1,2-Dichlorobenzene	ND		0.500	1	02/07/2021 03:53	WG1617488
1,3-Dichlorobenzene	ND		0.500	1	02/07/2021 03:53	WG1617488
1,4-Dichlorobenzene	ND		0.500	1	02/07/2021 03:53	WG1617488
Dichlorodifluoromethane	ND		2.50	1	02/07/2021 03:53	WG1617488
1,1-Dichloroethane	ND		0.500	1	02/07/2021 03:53	WG1617488
1,2-Dichloroethane	ND		0.500	1	02/07/2021 03:53	WG1617488
1,1-Dichloroethene	ND		0.500	1	02/07/2021 03:53	WG1617488
cis-1,2-Dichloroethene	0.886		0.500	1	02/07/2021 03:53	WG1617488
trans-1,2-Dichloroethene	ND		0.500	1	02/07/2021 03:53	WG1617488
1,2-Dichloropropane	ND		0.500	1	02/07/2021 03:53	WG1617488
1,1-Dichloropropene	ND		0.500	1	02/07/2021 03:53	WG1617488
1,3-Dichloropropane	ND		1.00	1	02/07/2021 03:53	WG1617488
cis-1,3-Dichloropropene	ND		0.500	1	02/07/2021 03:53	WG1617488
trans-1,3-Dichloropropene	ND		0.500	1	02/07/2021 03:53	WG1617488
2,2-Dichloropropane	ND		0.500	1	02/07/2021 03:53	WG1617488
Di-isopropyl ether	ND		0.500	1	02/07/2021 03:53	WG1617488
Ethylbenzene	ND		0.500	1	02/07/2021 03:53	WG1617488
Hexachloro-1,3-butadiene	ND	<u>C3</u>	1.00	1	02/07/2021 03:53	WG1617488
Isopropylbenzene	ND		0.500	1	02/07/2021 03:53	WG1617488
p-Isopropyltoluene	ND		0.500	1	02/07/2021 03:53	WG1617488
2-Butanone (MEK)	ND		5.00	1	02/07/2021 03:53	WG1617488
Methylene Chloride	ND		2.50	1	02/07/2021 03:53	WG1617488
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	02/07/2021 03:53	WG1617488
Methyl tert-butyl ether	ND		0.500	1	02/07/2021 03:53	WG1617488
Naphthalene	ND		2.50	1	02/07/2021 03:53	WG1617488
n-Propylbenzene	ND		0.500	1	02/07/2021 03:53	WG1617488
Styrene	ND		0.500	1	02/07/2021 03:53	WG1617488
1,1,1,2-Tetrachloroethane	ND		0.500	1	02/07/2021 03:53	WG1617488
1,1,2,2-Tetrachloroethane	ND		0.500	1	02/07/2021 03:53	WG1617488
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	02/07/2021 03:53	WG1617488
Tetrachloroethene	0.670		0.500	1	02/07/2021 03:53	WG1617488
Toluene	ND		0.500	1	02/07/2021 03:53	WG1617488
1,2,3-Trichlorobenzene	ND	<u>C3</u>	0.500	1	02/07/2021 03:53	WG1617488

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	<u>C3</u>	1.00	1	02/07/2021 03:53	WG1617488
1,1,1-Trichloroethane	ND		0.500	1	02/07/2021 03:53	WG1617488
1,1,2-Trichloroethane	ND		0.500	1	02/07/2021 03:53	WG1617488
Trichloroethene	6.78		0.500	1	02/07/2021 03:53	WG1617488
Trichlorofluoromethane	ND		2.50	1	02/07/2021 03:53	WG1617488
1,2,3-Trichloropropane	ND		2.50	1	02/07/2021 03:53	WG1617488
1,2,4-Trimethylbenzene	ND		0.500	1	02/07/2021 03:53	WG1617488
1,2,3-Trimethylbenzene	ND		0.500	1	02/07/2021 03:53	WG1617488
1,3,5-Trimethylbenzene	ND		0.500	1	02/07/2021 03:53	WG1617488
Vinyl chloride	ND		0.500	1	02/07/2021 03:53	WG1617488
Xylenes, Total	ND		1.50	1	02/07/2021 03:53	WG1617488
(S) Toluene-d8	105		80.0-120		02/07/2021 03:53	WG1617488
(S) 4-Bromofluorobenzene	102		77.0-126		02/07/2021 03:53	WG1617488
(S) 1,2-Dichloroethane-d4	102		70.0-130		02/07/2021 03:53	WG1617488

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc



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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND		25.0	1	02/07/2021 00:09	WG1617488
Acrolein	ND		50.0	1	02/07/2021 00:09	WG1617488
Acrylonitrile	ND		5.00	1	02/07/2021 00:09	WG1617488
Benzene	ND		0.500	1	02/07/2021 00:09	WG1617488
Bromobenzene	ND		0.500	1	02/07/2021 00:09	WG1617488
Bromodichloromethane	ND		0.500	1	02/07/2021 00:09	WG1617488
Bromoform	ND		0.500	1	02/07/2021 00:09	WG1617488
Bromomethane	ND		2.50	1	02/07/2021 00:09	WG1617488
n-Butylbenzene	ND		0.500	1	02/07/2021 00:09	WG1617488
sec-Butylbenzene	ND		0.500	1	02/07/2021 00:09	WG1617488
tert-Butylbenzene	ND		0.500	1	02/07/2021 00:09	WG1617488
Carbon disulfide	ND		0.500	1	02/07/2021 00:09	WG1617488
Carbon tetrachloride	ND		0.500	1	02/07/2021 00:09	WG1617488
Chlorobenzene	ND		0.500	1	02/07/2021 00:09	WG1617488
Chlorodibromomethane	ND		0.500	1	02/07/2021 00:09	WG1617488
Chloroethane	ND		2.50	1	02/07/2021 00:09	WG1617488
Chloroform	ND		0.500	1	02/07/2021 00:09	WG1617488
Chloromethane	ND		1.25	1	02/07/2021 00:09	WG1617488
2-Chlorotoluene	ND		0.500	1	02/07/2021 00:09	WG1617488
4-Chlorotoluene	ND		0.500	1	02/07/2021 00:09	WG1617488
1,2-Dibromo-3-Chloropropane	ND		2.50	1	02/07/2021 00:09	WG1617488
1,2-Dibromoethane	ND		0.500	1	02/07/2021 00:09	WG1617488
Dibromomethane	ND		0.500	1	02/07/2021 00:09	WG1617488
1,2-Dichlorobenzene	ND		0.500	1	02/07/2021 00:09	WG1617488
1,3-Dichlorobenzene	ND		0.500	1	02/07/2021 00:09	WG1617488
1,4-Dichlorobenzene	ND		0.500	1	02/07/2021 00:09	WG1617488
Dichlorodifluoromethane	ND		2.50	1	02/07/2021 00:09	WG1617488
1,1-Dichloroethane	ND		0.500	1	02/07/2021 00:09	WG1617488
1,2-Dichloroethane	ND		0.500	1	02/07/2021 00:09	WG1617488
1,1-Dichloroethene	ND		0.500	1	02/07/2021 00:09	WG1617488
cis-1,2-Dichloroethene	ND		0.500	1	02/07/2021 00:09	WG1617488
trans-1,2-Dichloroethene	ND		0.500	1	02/07/2021 00:09	WG1617488
1,2-Dichloropropane	ND		0.500	1	02/07/2021 00:09	WG1617488
1,1-Dichloropropene	ND		0.500	1	02/07/2021 00:09	WG1617488
1,3-Dichloropropane	ND		1.00	1	02/07/2021 00:09	WG1617488
cis-1,3-Dichloropropene	ND		0.500	1	02/07/2021 00:09	WG1617488
trans-1,3-Dichloropropene	ND		0.500	1	02/07/2021 00:09	WG1617488
2,2-Dichloropropane	ND		0.500	1	02/07/2021 00:09	WG1617488
Di-isopropyl ether	ND		0.500	1	02/07/2021 00:09	WG1617488
Ethylbenzene	ND		0.500	1	02/07/2021 00:09	WG1617488
Hexachloro-1,3-butadiene	ND	<u>C3</u>	1.00	1	02/07/2021 00:09	WG1617488
Isopropylbenzene	ND		0.500	1	02/07/2021 00:09	WG1617488
p-Isopropyltoluene	ND		0.500	1	02/07/2021 00:09	WG1617488
2-Butanone (MEK)	ND		5.00	1	02/07/2021 00:09	WG1617488
Methylene Chloride	ND		2.50	1	02/07/2021 00:09	WG1617488
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	02/07/2021 00:09	WG1617488
Methyl tert-butyl ether	ND		0.500	1	02/07/2021 00:09	WG1617488
Naphthalene	ND		2.50	1	02/07/2021 00:09	WG1617488
n-Propylbenzene	ND		0.500	1	02/07/2021 00:09	WG1617488
Styrene	ND		0.500	1	02/07/2021 00:09	WG1617488
1,1,1,2-Tetrachloroethane	ND		0.500	1	02/07/2021 00:09	WG1617488
1,1,2,2-Tetrachloroethane	ND		0.500	1	02/07/2021 00:09	WG1617488
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	02/07/2021 00:09	WG1617488
Tetrachloroethene	ND		0.500	1	02/07/2021 00:09	WG1617488
Toluene	ND		0.500	1	02/07/2021 00:09	WG1617488
1,2,3-Trichlorobenzene	ND	<u>C3</u>	0.500	1	02/07/2021 00:09	WG1617488

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	<u>C3</u>	1.00	1	02/07/2021 00:09	WG1617488
1,1,1-Trichloroethane	ND		0.500	1	02/07/2021 00:09	WG1617488
1,1,2-Trichloroethane	ND		0.500	1	02/07/2021 00:09	WG1617488
Trichloroethene	ND		0.500	1	02/07/2021 00:09	WG1617488
Trichlorofluoromethane	ND		2.50	1	02/07/2021 00:09	WG1617488
1,2,3-Trichloropropane	ND		2.50	1	02/07/2021 00:09	WG1617488
1,2,4-Trimethylbenzene	ND		0.500	1	02/07/2021 00:09	WG1617488
1,2,3-Trimethylbenzene	ND		0.500	1	02/07/2021 00:09	WG1617488
1,3,5-Trimethylbenzene	ND		0.500	1	02/07/2021 00:09	WG1617488
Vinyl chloride	ND		0.500	1	02/07/2021 00:09	WG1617488
Xylenes, Total	ND		1.50	1	02/07/2021 00:09	WG1617488
(S) Toluene-d8	106		80.0-120		02/07/2021 00:09	WG1617488
(S) 4-Bromofluorobenzene	100		77.0-126		02/07/2021 00:09	WG1617488
(S) 1,2-Dichloroethane-d4	101		70.0-130		02/07/2021 00:09	WG1617488

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ 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
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) 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



Method Blank (MB)

(MB) R3620688-3 02/06/21 23:20

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) R3620688-3 02/06/21 23:20

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	0.426	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	0.438	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	99.1			77.0-126
(S) 1,2-Dichloroethane-d4	102			70.0-130

1
Cp

2
Tc

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Ss

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Cn

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Sr

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Qc

7
Gl

8
Al

9
Sc

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

(LCS) R3620688-1 02/06/21 22:19 • (LCSD) R3620688-2 02/06/21 22:39

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	25.0	31.8	31.5	127	126	19.0-160			0.948	27
Acrolein	25.0	25.9	24.3	104	97.2	10.0-160			6.37	26
Acrylonitrile	25.0	25.5	25.6	102	102	55.0-149			0.391	20



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

(LCS) R3620688-1 02/06/21 22:19 • (LCSD) R3620688-2 02/06/21 22:39

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Benzene	5.00	4.73	4.90	94.6	98.0	70.0-123			3.53	20
Bromobenzene	5.00	4.77	4.87	95.4	97.4	73.0-121			2.07	20
Bromodichloromethane	5.00	4.96	5.16	99.2	103	75.0-120			3.95	20
Bromoform	5.00	5.04	4.94	101	98.8	68.0-132			2.00	20
Bromomethane	5.00	4.53	4.90	90.6	98.0	10.0-160			7.85	25
n-Butylbenzene	5.00	4.50	4.71	90.0	94.2	73.0-125			4.56	20
sec-Butylbenzene	5.00	4.74	4.95	94.8	99.0	75.0-125			4.33	20
tert-Butylbenzene	5.00	4.84	4.90	96.8	98.0	76.0-124			1.23	20
Carbon disulfide	5.00	4.32	4.65	86.4	93.0	61.0-128			7.36	20
Carbon tetrachloride	5.00	4.39	4.45	87.8	89.0	68.0-126			1.36	20
Chlorobenzene	5.00	4.69	4.89	93.8	97.8	80.0-121			4.18	20
Chlorodibromomethane	5.00	4.83	4.92	96.6	98.4	77.0-125			1.85	20
Chloroethane	5.00	4.47	4.79	89.4	95.8	47.0-150			6.91	20
Chloroform	5.00	4.74	4.89	94.8	97.8	73.0-120			3.12	20
Chloromethane	5.00	4.67	4.96	93.4	99.2	41.0-142			6.02	20
2-Chlorotoluene	5.00	4.77	5.00	95.4	100	76.0-123			4.71	20
4-Chlorotoluene	5.00	4.68	4.91	93.6	98.2	75.0-122			4.80	20
1,2-Dibromo-3-Chloropropane	5.00	5.03	4.90	101	98.0	58.0-134			2.62	20
1,2-Dibromoethane	5.00	5.14	5.32	103	106	80.0-122			3.44	20
Dibromomethane	5.00	4.97	5.10	99.4	102	80.0-120			2.58	20
1,2-Dichlorobenzene	5.00	5.24	5.35	105	107	79.0-121			2.08	20
1,3-Dichlorobenzene	5.00	5.04	5.08	101	102	79.0-120			0.791	20
1,4-Dichlorobenzene	5.00	4.88	5.21	97.6	104	79.0-120			6.54	20
Dichlorodifluoromethane	5.00	4.27	4.65	85.4	93.0	51.0-149			8.52	20
1,1-Dichloroethane	5.00	4.67	5.05	93.4	101	70.0-126			7.82	20
1,2-Dichloroethane	5.00	5.05	5.03	101	101	70.0-128			0.397	20
1,1-Dichloroethene	5.00	4.36	4.80	87.2	96.0	71.0-124			9.61	20
cis-1,2-Dichloroethene	5.00	4.80	4.86	96.0	97.2	73.0-120			1.24	20
trans-1,2-Dichloroethene	5.00	4.55	5.02	91.0	100	73.0-120			9.82	20
1,2-Dichloropropane	5.00	5.04	5.30	101	106	77.0-125			5.03	20
1,1-Dichloropropene	5.00	4.36	4.65	87.2	93.0	74.0-126			6.44	20
1,3-Dichloropropane	5.00	5.20	5.27	104	105	80.0-120			1.34	20
cis-1,3-Dichloropropene	5.00	5.05	5.24	101	105	80.0-123			3.69	20
trans-1,3-Dichloropropene	5.00	5.14	5.25	103	105	78.0-124			2.12	20
2,2-Dichloropropane	5.00	4.58	4.92	91.6	98.4	58.0-130			7.16	20
Di-isopropyl ether	5.00	4.94	5.03	98.8	101	58.0-138			1.81	20
Ethylbenzene	5.00	4.89	5.16	97.8	103	79.0-123			5.37	20
Hexachloro-1,3-butadiene	5.00	3.97	4.30	79.4	86.0	54.0-138			7.98	20
Isopropylbenzene	5.00	4.66	4.96	93.2	99.2	76.0-127			6.24	20
p-Isopropyltoluene	5.00	4.69	4.92	93.8	98.4	76.0-125			4.79	20

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc



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

(LCS) R3620688-1 02/06/21 22:19 • (LCSD) R3620688-2 02/06/21 22:39

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
2-Butanone (MEK)	25.0	27.6	26.8	110	107	44.0-160			2.94	20
Methylene Chloride	5.00	4.92	5.00	98.4	100	67.0-120			1.61	20
4-Methyl-2-pentanone (MIBK)	25.0	27.3	26.5	109	106	68.0-142			2.97	20
Methyl tert-butyl ether	5.00	4.85	4.95	97.0	99.0	68.0-125			2.04	20
Naphthalene	5.00	4.02	4.14	80.4	82.8	54.0-135			2.94	20
n-Propylbenzene	5.00	4.81	4.98	96.2	99.6	77.0-124			3.47	20
Styrene	5.00	4.90	5.11	98.0	102	73.0-130			4.20	20
1,1,1,2-Tetrachloroethane	5.00	4.67	4.67	93.4	93.4	75.0-125			0.000	20
1,1,2,2-Tetrachloroethane	5.00	5.21	4.98	104	99.6	65.0-130			4.51	20
1,1,2-Trichlorotrifluoroethane	5.00	4.14	4.57	82.8	91.4	69.0-132			9.87	20
Tetrachloroethene	5.00	4.00	4.29	80.0	85.8	72.0-132			7.00	20
Toluene	5.00	4.71	5.03	94.2	101	79.0-120			6.57	20
1,2,3-Trichlorobenzene	5.00	3.74	3.89	74.8	77.8	50.0-138			3.93	20
1,2,4-Trichlorobenzene	5.00	3.70	3.98	74.0	79.6	57.0-137			7.29	20
1,1,1-Trichloroethane	5.00	4.67	4.94	93.4	98.8	73.0-124			5.62	20
1,1,2-Trichloroethane	5.00	5.10	5.37	102	107	80.0-120			5.16	20
Trichloroethene	5.00	4.91	5.22	98.2	104	78.0-124			6.12	20
Trichlorofluoromethane	5.00	4.58	5.07	91.6	101	59.0-147			10.2	20
1,2,3-Trichloropropane	5.00	5.19	5.23	104	105	73.0-130			0.768	20
1,2,4-Trimethylbenzene	5.00	4.67	4.79	93.4	95.8	76.0-121			2.54	20
1,2,3-Trimethylbenzene	5.00	4.78	4.90	95.6	98.0	77.0-120			2.48	20
1,3,5-Trimethylbenzene	5.00	4.67	4.92	93.4	98.4	76.0-122			5.21	20
Vinyl chloride	5.00	4.12	4.48	82.4	89.6	67.0-131			8.37	20
Xylenes, Total	15.0	14.4	15.0	96.0	100	79.0-123			4.08	20
(S) Toluene-d8				103	103	80.0-120				
(S) 4-Bromofluorobenzene				101	101	77.0-126				
(S) 1,2-Dichloroethane-d4				105	106	70.0-130				

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc



Method Blank (MB)

(MB) R3621147-3 02/09/21 20:18

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
cis-1,2-Dichloroethene	U		0.126	0.500
trans-1,2-Dichloroethene	U		0.149	0.500
(S) Toluene-d8	105			80.0-120
(S) 4-Bromofluorobenzene	102			77.0-126
(S) 1,2-Dichloroethane-d4	97.1			70.0-130

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

(LCS) R3621147-1 02/09/21 19:22 • (LCSD) R3621147-2 02/09/21 19:41

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
cis-1,2-Dichloroethene	5.00	4.65	4.60	93.0	92.0	73.0-120			1.08	20
trans-1,2-Dichloroethene	5.00	4.33	4.34	86.6	86.8	73.0-120			0.231	20
(S) Toluene-d8				102	102	80.0-120				
(S) 4-Bromofluorobenzene				101	102	77.0-126				
(S) 1,2-Dichloroethane-d4				99.7	99.3	70.0-130				

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc



Guide to Reading and Understanding Your Laboratory Report

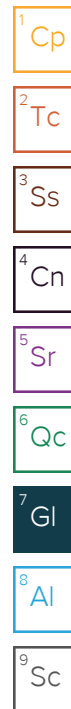
The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

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.





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		

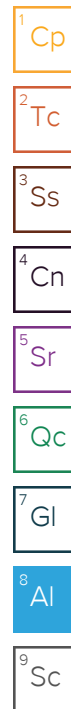
Pace Analytical National 6000 South Eastern Avenue Ste 9A Las Vegas, NV, 89119

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

Report to:
Cindy Bartlett

Project Description:

Cascade

Phone: 503-669-6286

Client Project #
PNG0564S20

Lab Project #
CASCORFOR-PNG0564

Collected by (print):

PAT YADON

Site/Facility ID #

P.O. #

Collected by (signature):

Patrick E. Yodon

Rush? (Lab MUST Be Notified)

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

Quote #

Date Results Needed

Immediately
Packed on Ice N ☐ Y ☒

STANDARD Turnaround

No.
of
Cntrs

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	Cntrs
VMWB-020321		GW		2/3/21	8:30	3
VMWA-020321		GW		2/3/21	8:42	3
VMWC-020321		GW		2/3/21	8:56	3
VMWH-020321		GW		2/3/21	9:10	3
VMWD-020321		GW		2/3/21	9:22	3
VMWE-020321		GW		2/3/21	9:39	3
VMWF-020321		GW		2/3/21	9:50	3
VMWG-020321		GW		2/3/21	10:05	3
VMWJ2-020321-120.22		GW		2/3/21	13:30	3
VMWK-020321-114.25		GW		2/3/21	13:43	3

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

Remarks:

Samples returned via:

☐ UPS ☐ FedEx ☐ Courier

Tracking #

1382 4815 1261

Relinquished by: (Signature)

Patrick Yodon

Date:

2/3/21

Time:

16:40

Received by: (Signature)

FEDEX

Trip Blank Received: Yes/No

1 ☒ HQ / MeOH
TBR

Relinquished by: (Signature)

Date:

Time:

Received by: (Signature)

Temp: *12°C* Bottles Received: *57*

Relinquished by: (Signature)

Date:

Time:

Received for lab by: (Signature)

Date: *02/04/21* Time: *09:00*

If preservation required by Login: Date/Time

Hold: Condition: NCF / ☒ OK

Analysis / Container / Preservative

Pres
Chk

VOCs 8260LLC 40mlAmb-HCI

Chain of Custody Page **1** of **2**



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



SDG #

1313997
1226

Acctnum: CASCORFOR

Template: T176080

Prelogin: P803862

PM: 110 - Brian Ford

PB:

Shipped Via:

Remarks Sample # (lab only)

	<i>-01</i>
	<i>-02</i>
	<i>-03</i>
	<i>-04</i>
	<i>-05</i>
	<i>-06</i>
	<i>-07</i>
	<i>-08</i>
	<i>-09</i>
	<i>-10</i>

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

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



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



Report to:
Cindy Bartlett

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

Project Description:

Cascade

City/State

Collected: Fairview Oregon

Please Circle:

PT MT CT ET

Phone: 503-669-6286

Client Project #
PNG0564S20

Lab Project #
CASCORFOR-PNG0564

Collected by (print):

PAT YADON

Site/Facility ID #

P.O. #

Collected by (signature):

Patrick E. Yodon

Rush? (Lab MUST Be Notified)

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

Quote #

Date Results Needed

Immediately
Packed on Ice N Y X

STANDARD Turnaround

No.
of
Cntrs

Sample ID

Comp/Grab

Matrix *

Depth

Date

Time

VOCs 8260LLC 40ml Amb-HCI

VMWi-020321-126.4

GW

2/3/21

12:40

3

X

VMWi-020321-131.61

GW

2/3/21

12:45

3

X

VMWi-020321-137.25

GW

2/3/21

12:50

3

X

VMWi-020321-140.46

GW

2/3/21

12:55

3

X

VMWi-020321-143.67

GW

2/3/21

13:00

3

X

VMWi-020321-148.1

GW

2/3/21

13:05

3

X

VMWL-020321-103.25

GW

2/3/21

14:00

3

X

VMWM-020321-94

GW

2/3/21

14:22

3

X

VMWN-020321-110.8

GW

2/3/21

14:55

3

X

Trip Blank #460

GW

2/3/21

NA

1

X

* 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 #

1382 4815 1261

Sample Receipt Checklist

COC Seal Present/Intact: NP 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:

2/3/21

Time:

16:40

Received by: (Signature)

FedEx

Trip Blank Received: Yes/No

Y/N MeOH
TBR

Relinquished by: (Signature)

Date:

Time:

Received by: (Signature)

Temp: 21.2°C
Bottles Received: 57

If preservation required by Login: Date/Time

Relinquished by: (Signature)

Date:

Time:

Received for lab by: (Signature)

Date: 02/04/21
Time: 09:00

Hold:

Condition: NCF / OK

Brian Ford

From: Jon Laurance <JLaurance@Geosyntec.com>
Sent: Thursday, February 4, 2021 11:08 PM
To: Brian Ford
Cc: Cindy Bartlett
Subject: RE: Pace Analytical National Login for PNG0564S20 Cascade L1313991
Attachments: Revised COC for Cascade.pdf

CAUTION: This email originated from outside Pace Analytical. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hello Brian,

We would like to revise one of the sample names. We would like to change VMWN-020321-110.8 to VMWN-020321-102.25

A revised COC is attached.

Let me know if I can get you more information.

Thanks!

Jon

Jon Laurance
Staff Professional
Geosyntec Consultants, Inc.
920 SW Sixth Avenue, Suite 600
Portland, Oregon 97204
Phone: 971.271.5890 Mobile: 541.405.0213

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-----Original Message-----

From: Cindy Bartlett <CBartlett@Geosyntec.com>
Sent: Thursday, February 4, 2021 4:40 PM
To: Brian Ford <brian.ford@pacelabs.com>