

Cascade Corporation- Fairview, OR

Sample Delivery Group: L1387152
Samples Received: 08/05/2021
Project Number: PNG0564S21
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 National12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 www.pacenational.com

TABLE OF CONTENTS

Cp: Cover Page	1
Tc: Table of Contents	2
Ss: Sample Summary	3
Cn: Case Narrative	7
Sr: Sample Results	8
EW1-080321 L1387152-01	8
EW23-080321 L1387152-02	10
VMWA-080321 L1387152-03	12
VMWC-080321 L1387152-04	14
VMWB-080321 L1387152-05	16
VMWD-080321 L1387152-06	18
VMWE-080321 L1387152-07	20
VMWF-080321 L1387152-08	22
VMWG-080321 L1387152-09	24
VMWH-080321 L1387152-10	26
VMWI-080421-143.7 L1387152-11	28
VMWJ2-080421-120.25 L1387152-12	30
VMWJ2-080421-120.25 L1387152-13	32
VMWK-080421-114.25 L1387152-14	34
VMWL-080421-103.25 L1387152-15	36
VMWM-080421-94 L1387152-16	38
VMWN-080421-110.8 L1387152-17	40
CMW20DS-080421 L1387152-18	42
CMW22DG-080421 L1387152-19	44
TRIP BLANK# L1387152-20	46
CMW17DS-080421 L1387152-21	48
CMW18DS-080421 L1387152-22	50
CMW36DG-080421 L1387152-23	52
CMW36DG-080421-DUP L1387152-24	54
BOP-44DS-080421 L1387152-25	56
BOP44DG-080421 L1387152-26	58
CMW10DS-080421 L1387152-27	60
CMW10DS-080421-DUP L1387152-28	62
CMW14RDS-080421 L1387152-29	64
CMW19DS-080421 L1387152-30	66
Qc: Quality Control Summary	68
Volatile Organic Compounds (GC/MS) by Method 8260D	68
Gl: Glossary of Terms	81
Al: Accreditations & Locations	82
Sc: Sample Chain of Custody	83

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

SAMPLE SUMMARY

EW1-080321 L1387152-01 GW

				Collected by Pat Yadon	Collected date/time 08/03/21 12:20	Received date/time 08/05/21 13:30
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1719352	1	08/08/21 23:50	08/08/21 23:50	BMB	Mt. Juliet, TN

EW23-080321 L1387152-02 GW

				Collected by Pat Yadon	Collected date/time 08/03/21 11:50	Received date/time 08/05/21 13:30
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1719352	1	08/09/21 00:11	08/09/21 00:11	BMB	Mt. Juliet, TN

VMWA-080321 L1387152-03 GW

				Collected by Pat Yadon	Collected date/time 08/03/21 12:40	Received date/time 08/05/21 13:30
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1719352	1	08/09/21 00:32	08/09/21 00:32	BMB	Mt. Juliet, TN

VMWC-080321 L1387152-04 GW

				Collected by Pat Yadon	Collected date/time 08/03/21 13:00	Received date/time 08/05/21 13:30
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1719352	1	08/09/21 00:53	08/09/21 00:53	BMB	Mt. Juliet, TN

VMWB-080321 L1387152-05 GW

				Collected by Pat Yadon	Collected date/time 08/03/21 13:15	Received date/time 08/05/21 13:30
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1719352	1	08/09/21 01:14	08/09/21 01:14	BMB	Mt. Juliet, TN

VMWD-080321 L1387152-06 GW

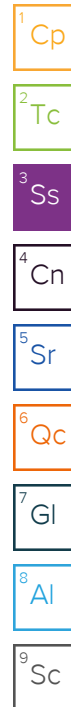
				Collected by Pat Yadon	Collected date/time 08/03/21 13:30	Received date/time 08/05/21 13:30
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1719352	1	08/09/21 01:34	08/09/21 01:34	BMB	Mt. Juliet, TN

VMWE-080321 L1387152-07 GW

				Collected by Pat Yadon	Collected date/time 08/03/21 14:00	Received date/time 08/05/21 13:30
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1719352	1	08/09/21 01:55	08/09/21 01:55	BMB	Mt. Juliet, TN

VMWF-080321 L1387152-08 GW

				Collected by Pat Yadon	Collected date/time 08/03/21 14:45	Received date/time 08/05/21 13:30
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1719352	1	08/09/21 02:16	08/09/21 02:16	BMB	Mt. Juliet, TN



SAMPLE SUMMARY

VMWG-080321 L1387152-09 GW

				Collected by Pat Yadon	Collected date/time 08/03/21 15:35	Received date/time 08/05/21 13:30
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1719352	1	08/09/21 02:37	08/09/21 02:37	BMB	Mt. Juliet, TN

VMWH-080321 L1387152-10 GW

				Collected by Pat Yadon	Collected date/time 08/03/21 16:10	Received date/time 08/05/21 13:30
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1724497	1	08/17/21 14:28	08/17/21 14:28	JHH	Mt. Juliet, TN

VMWI-080421-143.7 L1387152-11 GW

				Collected by Pat Yadon	Collected date/time 08/04/21 08:00	Received date/time 08/05/21 13:30
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1719388	1	08/08/21 01:54	08/08/21 01:54	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1724214	1	08/16/21 22:25	08/16/21 22:25	JHH	Mt. Juliet, TN

VMWJ2-080421-120.25 L1387152-12 GW

				Collected by Pat Yadon	Collected date/time 08/04/21 08:40	Received date/time 08/05/21 13:30
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1719388	1	08/08/21 02:14	08/08/21 02:14	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1724214	1	08/16/21 22:45	08/16/21 22:45	JHH	Mt. Juliet, TN

VMWJ2-080421-120.25 L1387152-13 GW

				Collected by Pat Yadon	Collected date/time 08/04/21 08:41	Received date/time 08/05/21 13:30
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1719388	1	08/08/21 02:33	08/08/21 02:33	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1724214	1	08/16/21 23:06	08/16/21 23:06	JHH	Mt. Juliet, TN

VMWK-080421-114.25 L1387152-14 GW

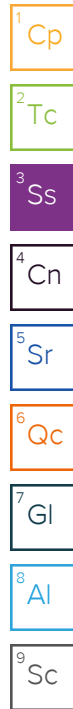
				Collected by Pat Yadon	Collected date/time 08/04/21 09:00	Received date/time 08/05/21 13:30
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1719388	1	08/08/21 02:52	08/08/21 02:52	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1724214	1	08/16/21 23:26	08/16/21 23:26	JHH	Mt. Juliet, TN

VMWL-080421-103.25 L1387152-15 GW

				Collected by Pat Yadon	Collected date/time 08/04/21 09:25	Received date/time 08/05/21 13:30
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1719388	1	08/08/21 03:12	08/08/21 03:12	ACG	Mt. Juliet, TN

VMWM-080421-94 L1387152-16 GW

				Collected by Pat Yadon	Collected date/time 08/04/21 09:55	Received date/time 08/05/21 13:30
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1719388	1	08/08/21 03:31	08/08/21 03:31	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1724214	1	08/16/21 23:46	08/16/21 23:46	JHH	Mt. Juliet, TN



SAMPLE SUMMARY

VMWN-080421-110.8 L1387152-17 GW

				Collected by Pat Yadon	Collected date/time 08/04/21 10:22	Received date/time 08/05/21 13:30
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1719388	1	08/08/21 03:51	08/08/21 03:51	ACG	Mt. Juliet, TN

CMW20DS-080421 L1387152-18 GW

				Collected by Pat Yadon	Collected date/time 08/04/21 14:34	Received date/time 08/05/21 13:30
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1719388	1	08/08/21 04:10	08/08/21 04:10	ACG	Mt. Juliet, TN

CMW22DG-080421 L1387152-19 GW

				Collected by Pat Yadon	Collected date/time 08/04/21 15:40	Received date/time 08/05/21 13:30
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1719388	1	08/08/21 04:29	08/08/21 04:29	ACG	Mt. Juliet, TN

TRIP BLANK# L1387152-20 GW

				Collected by Pat Yadon	Collected date/time 08/03/21 00:00	Received date/time 08/05/21 13:30
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1719388	1	08/08/21 01:35	08/08/21 01:35	ACG	Mt. Juliet, TN

CMW17DS-080421 L1387152-21 GW

				Collected by Pat Yadon	Collected date/time 08/04/21 11:10	Received date/time 08/05/21 13:30
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1719388	1	08/08/21 04:48	08/08/21 04:48	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1724214	1	08/17/21 00:07	08/17/21 00:07	JHH	Mt. Juliet, TN

CMW18DS-080421 L1387152-22 GW

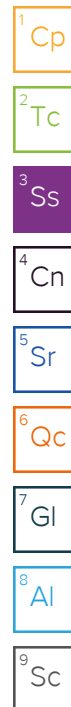
				Collected by Pat Yadon	Collected date/time 08/04/21 12:15	Received date/time 08/05/21 13:30
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1719388	1	08/08/21 05:08	08/08/21 05:08	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1724214	1	08/17/21 00:27	08/17/21 00:27	JHH	Mt. Juliet, TN

CMW36DG-080421 L1387152-23 GW

				Collected by Pat Yadon	Collected date/time 08/04/21 13:00	Received date/time 08/05/21 13:30
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1719388	1	08/08/21 05:27	08/08/21 05:27	ACG	Mt. Juliet, TN

CMW36DG-080421-DUP L1387152-24 GW

				Collected by Pat Yadon	Collected date/time 08/04/21 13:07	Received date/time 08/05/21 13:30
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1719388	1	08/08/21 05:46	08/08/21 05:46	ACG	Mt. Juliet, TN



SAMPLE SUMMARY

BOP-44DS-080421 L1387152-25 GW

Collected by
Pat Yadon

Collected date/time
08/04/21 13:40

Received date/time
08/05/21 13:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1719388	1	08/08/21 06:06	08/08/21 06:06	ACG	Mt. Juliet, TN

BOP44DG-080421 L1387152-26 GW

Collected by
Pat Yadon

Collected date/time
08/04/21 14:12

Received date/time
08/05/21 13:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1719388	1	08/08/21 06:25	08/08/21 06:25	ACG	Mt. Juliet, TN

CMW10DS-080421 L1387152-27 GW

Collected by
Pat Yadon

Collected date/time
08/04/21 15:05

Received date/time
08/05/21 13:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1719388	1	08/08/21 06:44	08/08/21 06:44	ACG	Mt. Juliet, TN

CMW10DS-080421-DUP L1387152-28 GW

Collected by
Pat Yadon

Collected date/time
08/04/21 15:06

Received date/time
08/05/21 13:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1719388	1	08/08/21 07:04	08/08/21 07:04	ACG	Mt. Juliet, TN

CMW14RDS-080421 L1387152-29 GW

Collected by
Pat Yadon

Collected date/time
08/04/21 15:25

Received date/time
08/05/21 13:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1719388	1	08/08/21 07:23	08/08/21 07:23	ACG	Mt. Juliet, TN

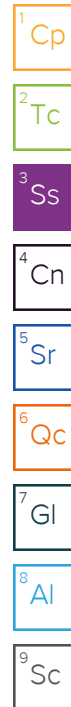
CMW19DS-080421 L1387152-30 GW

Collected by
Pat Yadon

Collected date/time
08/04/21 14:52

Received date/time
08/05/21 13:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1719388	1	08/08/21 07:42	08/08/21 07:42	ACG	Mt. Juliet, TN



CASE NARRATIVE

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



Brian Ford
Project Manager

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

EW1-080321

SAMPLE RESULTS - 01

Collected date/time: 08/03/21 12:20

L1387152

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	U		11.3	25.0	1	08/08/2021 23:50	WG1719352
Acrolein	U		2.54	50.0	1	08/08/2021 23:50	WG1719352
Acrylonitrile	U		0.671	5.00	1	08/08/2021 23:50	WG1719352
Benzene	U		0.0941	0.500	1	08/08/2021 23:50	WG1719352
Bromobenzene	U		0.118	0.500	1	08/08/2021 23:50	WG1719352
Bromodichloromethane	U		0.136	0.500	1	08/08/2021 23:50	WG1719352
Bromoform	U		0.129	0.500	1	08/08/2021 23:50	WG1719352
Bromomethane	U		0.605	2.50	1	08/08/2021 23:50	WG1719352
n-Butylbenzene	U	C3	0.157	0.500	1	08/08/2021 23:50	WG1719352
sec-Butylbenzene	U		0.125	0.500	1	08/08/2021 23:50	WG1719352
tert-Butylbenzene	U		0.127	0.500	1	08/08/2021 23:50	WG1719352
Carbon disulfide	U	C3	0.0962	0.500	1	08/08/2021 23:50	WG1719352
Carbon tetrachloride	U		0.128	0.500	1	08/08/2021 23:50	WG1719352
Chlorobenzene	U		0.117	0.500	1	08/08/2021 23:50	WG1719352
Chlorodibromomethane	U		0.140	0.500	1	08/08/2021 23:50	WG1719352
Chloroethane	U		0.192	2.50	1	08/08/2021 23:50	WG1719352
Chloroform	0.171	J	0.111	0.500	1	08/08/2021 23:50	WG1719352
Chloromethane	U	C3	0.960	1.25	1	08/08/2021 23:50	WG1719352
2-Chlorotoluene	U		0.106	0.500	1	08/08/2021 23:50	WG1719352
4-Chlorotoluene	U		0.114	0.500	1	08/08/2021 23:50	WG1719352
1,2-Dibromo-3-Chloropropane	U	C3 J3	0.276	2.50	1	08/08/2021 23:50	WG1719352
1,2-Dibromoethane	U		0.126	0.500	1	08/08/2021 23:50	WG1719352
Dibromomethane	U		0.122	0.500	1	08/08/2021 23:50	WG1719352
1,2-Dichlorobenzene	U		0.107	0.500	1	08/08/2021 23:50	WG1719352
1,3-Dichlorobenzene	U		0.299	0.500	1	08/08/2021 23:50	WG1719352
1,4-Dichlorobenzene	U		0.120	0.500	1	08/08/2021 23:50	WG1719352
Dichlorodifluoromethane	U		0.374	2.50	1	08/08/2021 23:50	WG1719352
1,1-Dichloroethane	U		0.100	0.500	1	08/08/2021 23:50	WG1719352
1,2-Dichloroethane	U		0.0819	0.500	1	08/08/2021 23:50	WG1719352
1,1-Dichloroethene	U	C3	0.188	0.500	1	08/08/2021 23:50	WG1719352
cis-1,2-Dichloroethene	U		0.126	0.500	1	08/08/2021 23:50	WG1719352
trans-1,2-Dichloroethene	U		0.149	0.500	1	08/08/2021 23:50	WG1719352
1,2-Dichloropropane	U		0.149	0.500	1	08/08/2021 23:50	WG1719352
1,1-Dichloropropene	U		0.142	0.500	1	08/08/2021 23:50	WG1719352
1,3-Dichloropropane	U		0.109	1.00	1	08/08/2021 23:50	WG1719352
cis-1,3-Dichloropropene	U		0.111	0.500	1	08/08/2021 23:50	WG1719352
trans-1,3-Dichloropropene	U		0.118	0.500	1	08/08/2021 23:50	WG1719352
2,2-Dichloropropane	U		0.161	0.500	1	08/08/2021 23:50	WG1719352
Di-isopropyl ether	U		0.105	0.500	1	08/08/2021 23:50	WG1719352
Ethylbenzene	U		0.137	0.500	1	08/08/2021 23:50	WG1719352
Hexachloro-1,3-butadiene	U	J4	0.337	1.00	1	08/08/2021 23:50	WG1719352
Isopropylbenzene	U		0.105	0.500	1	08/08/2021 23:50	WG1719352
p-Isopropyltoluene	U		0.120	0.500	1	08/08/2021 23:50	WG1719352
2-Butanone (MEK)	U		1.19	5.00	1	08/08/2021 23:50	WG1719352
Methylene Chloride	U		0.430	2.50	1	08/08/2021 23:50	WG1719352
4-Methyl-2-pentanone (MIBK)	U		0.478	5.00	1	08/08/2021 23:50	WG1719352
Methyl tert-butyl ether	U		0.101	0.500	1	08/08/2021 23:50	WG1719352
Naphthalene	U	C3 J3	0.174	2.50	1	08/08/2021 23:50	WG1719352
n-Propylbenzene	U		0.0993	0.500	1	08/08/2021 23:50	WG1719352
Styrene	U		0.118	0.500	1	08/08/2021 23:50	WG1719352
1,1,1,2-Tetrachloroethane	U		0.147	0.500	1	08/08/2021 23:50	WG1719352
1,1,2,2-Tetrachloroethane	U		0.133	0.500	1	08/08/2021 23:50	WG1719352
1,1,2-Trichlorotrifluoroethane	U		0.180	0.500	1	08/08/2021 23:50	WG1719352
Tetrachloroethene	U		0.300	0.500	1	08/08/2021 23:50	WG1719352
Toluene	U		0.278	0.500	1	08/08/2021 23:50	WG1719352
1,2,3-Trichlorobenzene	U	C4 J3	0.164	0.500	1	08/08/2021 23:50	WG1719352

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

ACCOUNT:

Cascade Corporation- Fairview, OR

PROJECT:

PNG0564S21

SDG:

L1387152

DATE/TIME:

08/18/21 17:31

PAGE:

8 of 85

EW1-080321

SAMPLE RESULTS - 01

Collected date/time: 08/03/21 12:20

L1387152

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,2,4-Trichlorobenzene	U	C4	0.481	1.00	1	08/08/2021 23:50	WG1719352
1,1,1-Trichloroethane	U		0.149	0.500	1	08/08/2021 23:50	WG1719352
1,1,2-Trichloroethane	U		0.158	0.500	1	08/08/2021 23:50	WG1719352
Trichloroethene	U		0.190	0.500	1	08/08/2021 23:50	WG1719352
Trichlorofluoromethane	U		0.160	2.50	1	08/08/2021 23:50	WG1719352
1,2,3-Trichloropropane	U		0.237	2.50	1	08/08/2021 23:50	WG1719352
1,2,4-Trimethylbenzene	U		0.322	0.500	1	08/08/2021 23:50	WG1719352
1,2,3-Trimethylbenzene	U		0.104	0.500	1	08/08/2021 23:50	WG1719352
1,3,5-Trimethylbenzene	U		0.104	0.500	1	08/08/2021 23:50	WG1719352
Vinyl chloride	U	C3	0.234	0.500	1	08/08/2021 23:50	WG1719352
Xylenes, Total	U		0.174	1.50	1	08/08/2021 23:50	WG1719352
(S) Toluene-d8	108			80.0-120		08/08/2021 23:50	WG1719352
(S) 4-Bromofluorobenzene	94.9			77.0-126		08/08/2021 23:50	WG1719352
(S) 1,2-Dichloroethane-d4	112			70.0-130		08/08/2021 23:50	WG1719352

¹Cp²Tc³Ss⁴Cn⁵Sr⁶Qc⁷Gl⁸Al⁹Sc

ACCOUNT:

Cascade Corporation- Fairview, OR

PROJECT:

PNG0564S21

SDG:

L1387152

DATE/TIME:

08/18/21 17:31

PAGE:

9 of 85

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U		11.3	25.0	1	08/09/2021 00:11	WG1719352
Acrolein	U		2.54	50.0	1	08/09/2021 00:11	WG1719352
Acrylonitrile	U		0.671	5.00	1	08/09/2021 00:11	WG1719352
Benzene	U		0.0941	0.500	1	08/09/2021 00:11	WG1719352
Bromobenzene	U		0.118	0.500	1	08/09/2021 00:11	WG1719352
Bromodichloromethane	U		0.136	0.500	1	08/09/2021 00:11	WG1719352
Bromoform	U		0.129	0.500	1	08/09/2021 00:11	WG1719352
Bromomethane	U		0.605	2.50	1	08/09/2021 00:11	WG1719352
n-Butylbenzene	U	C3	0.157	0.500	1	08/09/2021 00:11	WG1719352
sec-Butylbenzene	U		0.125	0.500	1	08/09/2021 00:11	WG1719352
tert-Butylbenzene	U		0.127	0.500	1	08/09/2021 00:11	WG1719352
Carbon disulfide	U	C3	0.0962	0.500	1	08/09/2021 00:11	WG1719352
Carbon tetrachloride	U		0.128	0.500	1	08/09/2021 00:11	WG1719352
Chlorobenzene	U		0.117	0.500	1	08/09/2021 00:11	WG1719352
Chlorodibromomethane	U		0.140	0.500	1	08/09/2021 00:11	WG1719352
Chloroethane	U		0.192	2.50	1	08/09/2021 00:11	WG1719352
Chloroform	0.349	J	0.111	0.500	1	08/09/2021 00:11	WG1719352
Chloromethane	U	C3	0.960	1.25	1	08/09/2021 00:11	WG1719352
2-Chlorotoluene	U		0.106	0.500	1	08/09/2021 00:11	WG1719352
4-Chlorotoluene	U		0.114	0.500	1	08/09/2021 00:11	WG1719352
1,2-Dibromo-3-Chloropropane	U	C3 J3	0.276	2.50	1	08/09/2021 00:11	WG1719352
1,2-Dibromoethane	U		0.126	0.500	1	08/09/2021 00:11	WG1719352
Dibromomethane	U		0.122	0.500	1	08/09/2021 00:11	WG1719352
1,2-Dichlorobenzene	U		0.107	0.500	1	08/09/2021 00:11	WG1719352
1,3-Dichlorobenzene	U		0.299	0.500	1	08/09/2021 00:11	WG1719352
1,4-Dichlorobenzene	U		0.120	0.500	1	08/09/2021 00:11	WG1719352
Dichlorodifluoromethane	U		0.374	2.50	1	08/09/2021 00:11	WG1719352
1,1-Dichloroethane	U		0.100	0.500	1	08/09/2021 00:11	WG1719352
1,2-Dichloroethane	U		0.0819	0.500	1	08/09/2021 00:11	WG1719352
1,1-Dichloroethene	U	C3	0.188	0.500	1	08/09/2021 00:11	WG1719352
cis-1,2-Dichloroethene	0.212	J	0.126	0.500	1	08/09/2021 00:11	WG1719352
trans-1,2-Dichloroethene	U		0.149	0.500	1	08/09/2021 00:11	WG1719352
1,2-Dichloropropane	U		0.149	0.500	1	08/09/2021 00:11	WG1719352
1,1-Dichloropropene	U		0.142	0.500	1	08/09/2021 00:11	WG1719352
1,3-Dichloropropane	U		0.109	1.00	1	08/09/2021 00:11	WG1719352
cis-1,3-Dichloropropene	U		0.111	0.500	1	08/09/2021 00:11	WG1719352
trans-1,3-Dichloropropene	U		0.118	0.500	1	08/09/2021 00:11	WG1719352
2,2-Dichloropropane	U		0.161	0.500	1	08/09/2021 00:11	WG1719352
Di-isopropyl ether	U		0.105	0.500	1	08/09/2021 00:11	WG1719352
Ethylbenzene	U		0.137	0.500	1	08/09/2021 00:11	WG1719352
Hexachloro-1,3-butadiene	U	J4	0.337	1.00	1	08/09/2021 00:11	WG1719352
Isopropylbenzene	U		0.105	0.500	1	08/09/2021 00:11	WG1719352
p-Isopropyltoluene	U		0.120	0.500	1	08/09/2021 00:11	WG1719352
2-Butanone (MEK)	U		1.19	5.00	1	08/09/2021 00:11	WG1719352
Methylene Chloride	U		0.430	2.50	1	08/09/2021 00:11	WG1719352
4-Methyl-2-pentanone (MIBK)	U		0.478	5.00	1	08/09/2021 00:11	WG1719352
Methyl tert-butyl ether	U		0.101	0.500	1	08/09/2021 00:11	WG1719352
Naphthalene	U	C3 J3	0.174	2.50	1	08/09/2021 00:11	WG1719352
n-Propylbenzene	U		0.0993	0.500	1	08/09/2021 00:11	WG1719352
Styrene	U		0.118	0.500	1	08/09/2021 00:11	WG1719352
1,1,1,2-Tetrachloroethane	U		0.147	0.500	1	08/09/2021 00:11	WG1719352
1,1,2,2-Tetrachloroethane	U		0.133	0.500	1	08/09/2021 00:11	WG1719352
1,1,2-Trichlorotrifluoroethane	U		0.180	0.500	1	08/09/2021 00:11	WG1719352
Tetrachloroethene	U		0.300	0.500	1	08/09/2021 00:11	WG1719352
Toluene	U		0.278	0.500	1	08/09/2021 00:11	WG1719352
1,2,3-Trichlorobenzene	U	C4 J3	0.164	0.500	1	08/09/2021 00:11	WG1719352

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

EW23-080321

SAMPLE RESULTS - 02

Collected date/time: 08/03/21 11:50

L1387152

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,2,4-Trichlorobenzene	U	C4	0.481	1.00	1	08/09/2021 00:11	WG1719352
1,1,1-Trichloroethane	U		0.149	0.500	1	08/09/2021 00:11	WG1719352
1,1,2-Trichloroethane	U		0.158	0.500	1	08/09/2021 00:11	WG1719352
Trichloroethene	1.95		0.190	0.500	1	08/09/2021 00:11	WG1719352
Trichlorofluoromethane	U		0.160	2.50	1	08/09/2021 00:11	WG1719352
1,2,3-Trichloropropane	U		0.237	2.50	1	08/09/2021 00:11	WG1719352
1,2,4-Trimethylbenzene	U		0.322	0.500	1	08/09/2021 00:11	WG1719352
1,2,3-Trimethylbenzene	U		0.104	0.500	1	08/09/2021 00:11	WG1719352
1,3,5-Trimethylbenzene	U		0.104	0.500	1	08/09/2021 00:11	WG1719352
Vinyl chloride	U	C3	0.234	0.500	1	08/09/2021 00:11	WG1719352
Xylenes, Total	U		0.174	1.50	1	08/09/2021 00:11	WG1719352
(S) Toluene-d8	110			80.0-120		08/09/2021 00:11	WG1719352
(S) 4-Bromofluorobenzene	92.9			77.0-126		08/09/2021 00:11	WG1719352
(S) 1,2-Dichloroethane-d4	109			70.0-130		08/09/2021 00:11	WG1719352

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc

ACCOUNT:

Cascade Corporation- Fairview, OR

PROJECT:

PNG0564S21

SDG:

L1387152

DATE/TIME:

08/18/21 17:31

PAGE:

11 of 85

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	U		11.3	25.0	1	08/09/2021 00:32	WG1719352
Acrolein	U		2.54	50.0	1	08/09/2021 00:32	WG1719352
Acrylonitrile	U		0.671	5.00	1	08/09/2021 00:32	WG1719352
Benzene	U		0.0941	0.500	1	08/09/2021 00:32	WG1719352
Bromobenzene	U		0.118	0.500	1	08/09/2021 00:32	WG1719352
Bromodichloromethane	U		0.136	0.500	1	08/09/2021 00:32	WG1719352
Bromoform	U		0.129	0.500	1	08/09/2021 00:32	WG1719352
Bromomethane	U		0.605	2.50	1	08/09/2021 00:32	WG1719352
n-Butylbenzene	U	C3	0.157	0.500	1	08/09/2021 00:32	WG1719352
sec-Butylbenzene	U		0.125	0.500	1	08/09/2021 00:32	WG1719352
tert-Butylbenzene	U		0.127	0.500	1	08/09/2021 00:32	WG1719352
Carbon disulfide	U	C3	0.0962	0.500	1	08/09/2021 00:32	WG1719352
Carbon tetrachloride	U		0.128	0.500	1	08/09/2021 00:32	WG1719352
Chlorobenzene	U		0.117	0.500	1	08/09/2021 00:32	WG1719352
Chlorodibromomethane	U		0.140	0.500	1	08/09/2021 00:32	WG1719352
Chloroethane	U		0.192	2.50	1	08/09/2021 00:32	WG1719352
Chloroform	0.222	J	0.111	0.500	1	08/09/2021 00:32	WG1719352
Chloromethane	U	C3	0.960	1.25	1	08/09/2021 00:32	WG1719352
2-Chlorotoluene	U		0.106	0.500	1	08/09/2021 00:32	WG1719352
4-Chlorotoluene	U		0.114	0.500	1	08/09/2021 00:32	WG1719352
1,2-Dibromo-3-Chloropropane	U	C3 J3	0.276	2.50	1	08/09/2021 00:32	WG1719352
1,2-Dibromoethane	U		0.126	0.500	1	08/09/2021 00:32	WG1719352
Dibromomethane	U		0.122	0.500	1	08/09/2021 00:32	WG1719352
1,2-Dichlorobenzene	U		0.107	0.500	1	08/09/2021 00:32	WG1719352
1,3-Dichlorobenzene	U		0.299	0.500	1	08/09/2021 00:32	WG1719352
1,4-Dichlorobenzene	U		0.120	0.500	1	08/09/2021 00:32	WG1719352
Dichlorodifluoromethane	U		0.374	2.50	1	08/09/2021 00:32	WG1719352
1,1-Dichloroethane	U		0.100	0.500	1	08/09/2021 00:32	WG1719352
1,2-Dichloroethane	U		0.0819	0.500	1	08/09/2021 00:32	WG1719352
1,1-Dichloroethene	U	C3	0.188	0.500	1	08/09/2021 00:32	WG1719352
cis-1,2-Dichloroethene	0.243	J	0.126	0.500	1	08/09/2021 00:32	WG1719352
trans-1,2-Dichloroethene	U		0.149	0.500	1	08/09/2021 00:32	WG1719352
1,2-Dichloropropane	U		0.149	0.500	1	08/09/2021 00:32	WG1719352
1,1-Dichloropropene	U		0.142	0.500	1	08/09/2021 00:32	WG1719352
1,3-Dichloropropane	U		0.109	1.00	1	08/09/2021 00:32	WG1719352
cis-1,3-Dichloropropene	U		0.111	0.500	1	08/09/2021 00:32	WG1719352
trans-1,3-Dichloropropene	U		0.118	0.500	1	08/09/2021 00:32	WG1719352
2,2-Dichloropropane	U		0.161	0.500	1	08/09/2021 00:32	WG1719352
Di-isopropyl ether	U		0.105	0.500	1	08/09/2021 00:32	WG1719352
Ethylbenzene	U		0.137	0.500	1	08/09/2021 00:32	WG1719352
Hexachloro-1,3-butadiene	U	J4	0.337	1.00	1	08/09/2021 00:32	WG1719352
Isopropylbenzene	U		0.105	0.500	1	08/09/2021 00:32	WG1719352
p-Isopropyltoluene	U		0.120	0.500	1	08/09/2021 00:32	WG1719352
2-Butanone (MEK)	U		1.19	5.00	1	08/09/2021 00:32	WG1719352
Methylene Chloride	U		0.430	2.50	1	08/09/2021 00:32	WG1719352
4-Methyl-2-pentanone (MIBK)	U		0.478	5.00	1	08/09/2021 00:32	WG1719352
Methyl tert-butyl ether	U		0.101	0.500	1	08/09/2021 00:32	WG1719352
Naphthalene	U	C3 J3	0.174	2.50	1	08/09/2021 00:32	WG1719352
n-Propylbenzene	U		0.0993	0.500	1	08/09/2021 00:32	WG1719352
Styrene	U		0.118	0.500	1	08/09/2021 00:32	WG1719352
1,1,1,2-Tetrachloroethane	U		0.147	0.500	1	08/09/2021 00:32	WG1719352
1,1,2,2-Tetrachloroethane	U		0.133	0.500	1	08/09/2021 00:32	WG1719352
1,1,2-Trichlorotrifluoroethane	U		0.180	0.500	1	08/09/2021 00:32	WG1719352
Tetrachloroethene	U		0.300	0.500	1	08/09/2021 00:32	WG1719352
Toluene	U		0.278	0.500	1	08/09/2021 00:32	WG1719352
1,2,3-Trichlorobenzene	U	C4 J3	0.164	0.500	1	08/09/2021 00:32	WG1719352

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	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,2,4-Trichlorobenzene	U	C4	0.481	1.00	1	08/09/2021 00:32	WG1719352
1,1,1-Trichloroethane	U		0.149	0.500	1	08/09/2021 00:32	WG1719352
1,1,2-Trichloroethane	U		0.158	0.500	1	08/09/2021 00:32	WG1719352
Trichloroethene	2.36		0.190	0.500	1	08/09/2021 00:32	WG1719352
Trichlorofluoromethane	U		0.160	2.50	1	08/09/2021 00:32	WG1719352
1,2,3-Trichloropropane	U		0.237	2.50	1	08/09/2021 00:32	WG1719352
1,2,4-Trimethylbenzene	U		0.322	0.500	1	08/09/2021 00:32	WG1719352
1,2,3-Trimethylbenzene	U		0.104	0.500	1	08/09/2021 00:32	WG1719352
1,3,5-Trimethylbenzene	U		0.104	0.500	1	08/09/2021 00:32	WG1719352
Vinyl chloride	U	C3	0.234	0.500	1	08/09/2021 00:32	WG1719352
Xylenes, Total	U		0.174	1.50	1	08/09/2021 00:32	WG1719352
(S) Toluene-d8	103			80.0-120		08/09/2021 00:32	WG1719352
(S) 4-Bromofluorobenzene	95.8			77.0-126		08/09/2021 00:32	WG1719352
(S) 1,2-Dichloroethane-d4	111			70.0-130		08/09/2021 00:32	WG1719352

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	U		11.3	25.0	1	08/09/2021 00:53	WG1719352
Acrolein	U		2.54	50.0	1	08/09/2021 00:53	WG1719352
Acrylonitrile	U		0.671	5.00	1	08/09/2021 00:53	WG1719352
Benzene	U		0.0941	0.500	1	08/09/2021 00:53	WG1719352
Bromobenzene	U		0.118	0.500	1	08/09/2021 00:53	WG1719352
Bromodichloromethane	U		0.136	0.500	1	08/09/2021 00:53	WG1719352
Bromoform	U		0.129	0.500	1	08/09/2021 00:53	WG1719352
Bromomethane	U		0.605	2.50	1	08/09/2021 00:53	WG1719352
n-Butylbenzene	U	C3	0.157	0.500	1	08/09/2021 00:53	WG1719352
sec-Butylbenzene	U		0.125	0.500	1	08/09/2021 00:53	WG1719352
tert-Butylbenzene	U		0.127	0.500	1	08/09/2021 00:53	WG1719352
Carbon disulfide	U	C3	0.0962	0.500	1	08/09/2021 00:53	WG1719352
Carbon tetrachloride	U		0.128	0.500	1	08/09/2021 00:53	WG1719352
Chlorobenzene	U		0.117	0.500	1	08/09/2021 00:53	WG1719352
Chlorodibromomethane	U		0.140	0.500	1	08/09/2021 00:53	WG1719352
Chloroethane	U		0.192	2.50	1	08/09/2021 00:53	WG1719352
Chloroform	0.905		0.111	0.500	1	08/09/2021 00:53	WG1719352
Chloromethane	U	C3	0.960	1.25	1	08/09/2021 00:53	WG1719352
2-Chlorotoluene	U		0.106	0.500	1	08/09/2021 00:53	WG1719352
4-Chlorotoluene	U		0.114	0.500	1	08/09/2021 00:53	WG1719352
1,2-Dibromo-3-Chloropropane	U	C3 J3	0.276	2.50	1	08/09/2021 00:53	WG1719352
1,2-Dibromoethane	U		0.126	0.500	1	08/09/2021 00:53	WG1719352
Dibromomethane	U		0.122	0.500	1	08/09/2021 00:53	WG1719352
1,2-Dichlorobenzene	U		0.107	0.500	1	08/09/2021 00:53	WG1719352
1,3-Dichlorobenzene	U		0.299	0.500	1	08/09/2021 00:53	WG1719352
1,4-Dichlorobenzene	U		0.120	0.500	1	08/09/2021 00:53	WG1719352
Dichlorodifluoromethane	U		0.374	2.50	1	08/09/2021 00:53	WG1719352
1,1-Dichloroethane	U		0.100	0.500	1	08/09/2021 00:53	WG1719352
1,2-Dichloroethane	U		0.0819	0.500	1	08/09/2021 00:53	WG1719352
1,1-Dichloroethene	U	C3	0.188	0.500	1	08/09/2021 00:53	WG1719352
cis-1,2-Dichloroethene	2.19		0.126	0.500	1	08/09/2021 00:53	WG1719352
trans-1,2-Dichloroethene	U		0.149	0.500	1	08/09/2021 00:53	WG1719352
1,2-Dichloropropane	U		0.149	0.500	1	08/09/2021 00:53	WG1719352
1,1-Dichloropropene	U		0.142	0.500	1	08/09/2021 00:53	WG1719352
1,3-Dichloropropane	U		0.109	1.00	1	08/09/2021 00:53	WG1719352
cis-1,3-Dichloropropene	U		0.111	0.500	1	08/09/2021 00:53	WG1719352
trans-1,3-Dichloropropene	U		0.118	0.500	1	08/09/2021 00:53	WG1719352
2,2-Dichloropropane	U		0.161	0.500	1	08/09/2021 00:53	WG1719352
Di-isopropyl ether	U		0.105	0.500	1	08/09/2021 00:53	WG1719352
Ethylbenzene	U		0.137	0.500	1	08/09/2021 00:53	WG1719352
Hexachloro-1,3-butadiene	U	J4	0.337	1.00	1	08/09/2021 00:53	WG1719352
Isopropylbenzene	U		0.105	0.500	1	08/09/2021 00:53	WG1719352
p-Isopropyltoluene	U		0.120	0.500	1	08/09/2021 00:53	WG1719352
2-Butanone (MEK)	U		1.19	5.00	1	08/09/2021 00:53	WG1719352
Methylene Chloride	U		0.430	2.50	1	08/09/2021 00:53	WG1719352
4-Methyl-2-pentanone (MIBK)	U		0.478	5.00	1	08/09/2021 00:53	WG1719352
Methyl tert-butyl ether	U		0.101	0.500	1	08/09/2021 00:53	WG1719352
Naphthalene	U	C3 J3	0.174	2.50	1	08/09/2021 00:53	WG1719352
n-Propylbenzene	U		0.0993	0.500	1	08/09/2021 00:53	WG1719352
Styrene	U		0.118	0.500	1	08/09/2021 00:53	WG1719352
1,1,1,2-Tetrachloroethane	U		0.147	0.500	1	08/09/2021 00:53	WG1719352
1,1,2,2-Tetrachloroethane	U		0.133	0.500	1	08/09/2021 00:53	WG1719352
1,1,2-Trichlorotrifluoroethane	U		0.180	0.500	1	08/09/2021 00:53	WG1719352
Tetrachloroethene	0.769		0.300	0.500	1	08/09/2021 00:53	WG1719352
Toluene	U		0.278	0.500	1	08/09/2021 00:53	WG1719352
1,2,3-Trichlorobenzene	U	C4 J3	0.164	0.500	1	08/09/2021 00:53	WG1719352

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

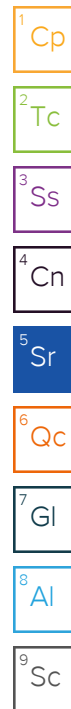
7 Gl

8 Al

9 Sc

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,2,4-Trichlorobenzene	U	C4	0.481	1.00	1	08/09/2021 00:53	WG1719352
1,1,1-Trichloroethane	U		0.149	0.500	1	08/09/2021 00:53	WG1719352
1,1,2-Trichloroethane	U		0.158	0.500	1	08/09/2021 00:53	WG1719352
Trichloroethene	14.4		0.190	0.500	1	08/09/2021 00:53	WG1719352
Trichlorofluoromethane	U		0.160	2.50	1	08/09/2021 00:53	WG1719352
1,2,3-Trichloropropane	U		0.237	2.50	1	08/09/2021 00:53	WG1719352
1,2,4-Trimethylbenzene	U		0.322	0.500	1	08/09/2021 00:53	WG1719352
1,2,3-Trimethylbenzene	U		0.104	0.500	1	08/09/2021 00:53	WG1719352
1,3,5-Trimethylbenzene	U		0.104	0.500	1	08/09/2021 00:53	WG1719352
Vinyl chloride	U	C3	0.234	0.500	1	08/09/2021 00:53	WG1719352
Xylenes, Total	U		0.174	1.50	1	08/09/2021 00:53	WG1719352
(S) Toluene-d8	109			80.0-120		08/09/2021 00:53	WG1719352
(S) 4-Bromofluorobenzene	94.1			77.0-126		08/09/2021 00:53	WG1719352
(S) 1,2-Dichloroethane-d4	114			70.0-130		08/09/2021 00:53	WG1719352



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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U		11.3	25.0	1	08/09/2021 01:14	WG1719352
Acrolein	U		2.54	50.0	1	08/09/2021 01:14	WG1719352
Acrylonitrile	U		0.671	5.00	1	08/09/2021 01:14	WG1719352
Benzene	U		0.0941	0.500	1	08/09/2021 01:14	WG1719352
Bromobenzene	U		0.118	0.500	1	08/09/2021 01:14	WG1719352
Bromodichloromethane	U		0.136	0.500	1	08/09/2021 01:14	WG1719352
Bromoform	U		0.129	0.500	1	08/09/2021 01:14	WG1719352
Bromomethane	U		0.605	2.50	1	08/09/2021 01:14	WG1719352
n-Butylbenzene	U	C3	0.157	0.500	1	08/09/2021 01:14	WG1719352
sec-Butylbenzene	U		0.125	0.500	1	08/09/2021 01:14	WG1719352
tert-Butylbenzene	U		0.127	0.500	1	08/09/2021 01:14	WG1719352
Carbon disulfide	U	C3	0.0962	0.500	1	08/09/2021 01:14	WG1719352
Carbon tetrachloride	U		0.128	0.500	1	08/09/2021 01:14	WG1719352
Chlorobenzene	U		0.117	0.500	1	08/09/2021 01:14	WG1719352
Chlorodibromomethane	U		0.140	0.500	1	08/09/2021 01:14	WG1719352
Chloroethane	U		0.192	2.50	1	08/09/2021 01:14	WG1719352
Chloroform	U		0.111	0.500	1	08/09/2021 01:14	WG1719352
Chloromethane	U	C3	0.960	1.25	1	08/09/2021 01:14	WG1719352
2-Chlorotoluene	U		0.106	0.500	1	08/09/2021 01:14	WG1719352
4-Chlorotoluene	U		0.114	0.500	1	08/09/2021 01:14	WG1719352
1,2-Dibromo-3-Chloropropane	U	C3 J3	0.276	2.50	1	08/09/2021 01:14	WG1719352
1,2-Dibromoethane	U		0.126	0.500	1	08/09/2021 01:14	WG1719352
Dibromomethane	U		0.122	0.500	1	08/09/2021 01:14	WG1719352
1,2-Dichlorobenzene	U		0.107	0.500	1	08/09/2021 01:14	WG1719352
1,3-Dichlorobenzene	U		0.299	0.500	1	08/09/2021 01:14	WG1719352
1,4-Dichlorobenzene	U		0.120	0.500	1	08/09/2021 01:14	WG1719352
Dichlorodifluoromethane	U		0.374	2.50	1	08/09/2021 01:14	WG1719352
1,1-Dichloroethane	U		0.100	0.500	1	08/09/2021 01:14	WG1719352
1,2-Dichloroethane	U		0.0819	0.500	1	08/09/2021 01:14	WG1719352
1,1-Dichloroethene	U	C3	0.188	0.500	1	08/09/2021 01:14	WG1719352
cis-1,2-Dichloroethene	U		0.126	0.500	1	08/09/2021 01:14	WG1719352
trans-1,2-Dichloroethene	U		0.149	0.500	1	08/09/2021 01:14	WG1719352
1,2-Dichloropropane	U		0.149	0.500	1	08/09/2021 01:14	WG1719352
1,1-Dichloropropene	U		0.142	0.500	1	08/09/2021 01:14	WG1719352
1,3-Dichloropropane	U		0.109	1.00	1	08/09/2021 01:14	WG1719352
cis-1,3-Dichloropropene	U		0.111	0.500	1	08/09/2021 01:14	WG1719352
trans-1,3-Dichloropropene	U		0.118	0.500	1	08/09/2021 01:14	WG1719352
2,2-Dichloropropane	U		0.161	0.500	1	08/09/2021 01:14	WG1719352
Di-isopropyl ether	U		0.105	0.500	1	08/09/2021 01:14	WG1719352
Ethylbenzene	U		0.137	0.500	1	08/09/2021 01:14	WG1719352
Hexachloro-1,3-butadiene	U	J4	0.337	1.00	1	08/09/2021 01:14	WG1719352
Isopropylbenzene	U		0.105	0.500	1	08/09/2021 01:14	WG1719352
p-Isopropyltoluene	U		0.120	0.500	1	08/09/2021 01:14	WG1719352
2-Butanone (MEK)	U		1.19	5.00	1	08/09/2021 01:14	WG1719352
Methylene Chloride	U		0.430	2.50	1	08/09/2021 01:14	WG1719352
4-Methyl-2-pentanone (MIBK)	U		0.478	5.00	1	08/09/2021 01:14	WG1719352
Methyl tert-butyl ether	U		0.101	0.500	1	08/09/2021 01:14	WG1719352
Naphthalene	U	C3 J3	0.174	2.50	1	08/09/2021 01:14	WG1719352
n-Propylbenzene	U		0.0993	0.500	1	08/09/2021 01:14	WG1719352
Styrene	U		0.118	0.500	1	08/09/2021 01:14	WG1719352
1,1,1,2-Tetrachloroethane	U		0.147	0.500	1	08/09/2021 01:14	WG1719352
1,1,2,2-Tetrachloroethane	U		0.133	0.500	1	08/09/2021 01:14	WG1719352
1,1,2-Trichlorotrifluoroethane	U		0.180	0.500	1	08/09/2021 01:14	WG1719352
Tetrachloroethene	U		0.300	0.500	1	08/09/2021 01:14	WG1719352
Toluene	U		0.278	0.500	1	08/09/2021 01:14	WG1719352
1,2,3-Trichlorobenzene	U	C4 J3	0.164	0.500	1	08/09/2021 01:14	WG1719352

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	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,2,4-Trichlorobenzene	U	C4	0.481	1.00	1	08/09/2021 01:14	WG1719352
1,1,1-Trichloroethane	U		0.149	0.500	1	08/09/2021 01:14	WG1719352
1,1,2-Trichloroethane	U		0.158	0.500	1	08/09/2021 01:14	WG1719352
Trichloroethene	2.47		0.190	0.500	1	08/09/2021 01:14	WG1719352
Trichlorofluoromethane	U		0.160	2.50	1	08/09/2021 01:14	WG1719352
1,2,3-Trichloropropane	U		0.237	2.50	1	08/09/2021 01:14	WG1719352
1,2,4-Trimethylbenzene	U		0.322	0.500	1	08/09/2021 01:14	WG1719352
1,2,3-Trimethylbenzene	U		0.104	0.500	1	08/09/2021 01:14	WG1719352
1,3,5-Trimethylbenzene	U		0.104	0.500	1	08/09/2021 01:14	WG1719352
Vinyl chloride	U	C3	0.234	0.500	1	08/09/2021 01:14	WG1719352
Xylenes, Total	U		0.174	1.50	1	08/09/2021 01:14	WG1719352
(S) Toluene-d8	104			80.0-120		08/09/2021 01:14	WG1719352
(S) 4-Bromofluorobenzene	96.3			77.0-126		08/09/2021 01:14	WG1719352
(S) 1,2-Dichloroethane-d4	112			70.0-130		08/09/2021 01:14	WG1719352

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	U		11.3	25.0	1	08/09/2021 01:34	WG1719352
Acrolein	U		2.54	50.0	1	08/09/2021 01:34	WG1719352
Acrylonitrile	U		0.671	5.00	1	08/09/2021 01:34	WG1719352
Benzene	U		0.0941	0.500	1	08/09/2021 01:34	WG1719352
Bromobenzene	U		0.118	0.500	1	08/09/2021 01:34	WG1719352
Bromodichloromethane	U		0.136	0.500	1	08/09/2021 01:34	WG1719352
Bromoform	U		0.129	0.500	1	08/09/2021 01:34	WG1719352
Bromomethane	U		0.605	2.50	1	08/09/2021 01:34	WG1719352
n-Butylbenzene	U	C3	0.157	0.500	1	08/09/2021 01:34	WG1719352
sec-Butylbenzene	U		0.125	0.500	1	08/09/2021 01:34	WG1719352
tert-Butylbenzene	U		0.127	0.500	1	08/09/2021 01:34	WG1719352
Carbon disulfide	U	C3	0.0962	0.500	1	08/09/2021 01:34	WG1719352
Carbon tetrachloride	U		0.128	0.500	1	08/09/2021 01:34	WG1719352
Chlorobenzene	U		0.117	0.500	1	08/09/2021 01:34	WG1719352
Chlorodibromomethane	U		0.140	0.500	1	08/09/2021 01:34	WG1719352
Chloroethane	U		0.192	2.50	1	08/09/2021 01:34	WG1719352
Chloroform	0.444	J	0.111	0.500	1	08/09/2021 01:34	WG1719352
Chloromethane	U	C3	0.960	1.25	1	08/09/2021 01:34	WG1719352
2-Chlorotoluene	U		0.106	0.500	1	08/09/2021 01:34	WG1719352
4-Chlorotoluene	U		0.114	0.500	1	08/09/2021 01:34	WG1719352
1,2-Dibromo-3-Chloropropane	U	C3 J3	0.276	2.50	1	08/09/2021 01:34	WG1719352
1,2-Dibromoethane	U		0.126	0.500	1	08/09/2021 01:34	WG1719352
Dibromomethane	U		0.122	0.500	1	08/09/2021 01:34	WG1719352
1,2-Dichlorobenzene	U		0.107	0.500	1	08/09/2021 01:34	WG1719352
1,3-Dichlorobenzene	U		0.299	0.500	1	08/09/2021 01:34	WG1719352
1,4-Dichlorobenzene	U		0.120	0.500	1	08/09/2021 01:34	WG1719352
Dichlorodifluoromethane	U		0.374	2.50	1	08/09/2021 01:34	WG1719352
1,1-Dichloroethane	U		0.100	0.500	1	08/09/2021 01:34	WG1719352
1,2-Dichloroethane	U		0.0819	0.500	1	08/09/2021 01:34	WG1719352
1,1-Dichloroethene	U	C3	0.188	0.500	1	08/09/2021 01:34	WG1719352
cis-1,2-Dichloroethene	U		0.126	0.500	1	08/09/2021 01:34	WG1719352
trans-1,2-Dichloroethene	U		0.149	0.500	1	08/09/2021 01:34	WG1719352
1,2-Dichloropropane	U		0.149	0.500	1	08/09/2021 01:34	WG1719352
1,1-Dichloropropene	U		0.142	0.500	1	08/09/2021 01:34	WG1719352
1,3-Dichloropropane	U		0.109	1.00	1	08/09/2021 01:34	WG1719352
cis-1,3-Dichloropropene	U		0.111	0.500	1	08/09/2021 01:34	WG1719352
trans-1,3-Dichloropropene	U		0.118	0.500	1	08/09/2021 01:34	WG1719352
2,2-Dichloropropane	U		0.161	0.500	1	08/09/2021 01:34	WG1719352
Di-isopropyl ether	U		0.105	0.500	1	08/09/2021 01:34	WG1719352
Ethylbenzene	U		0.137	0.500	1	08/09/2021 01:34	WG1719352
Hexachloro-1,3-butadiene	U	J4	0.337	1.00	1	08/09/2021 01:34	WG1719352
Isopropylbenzene	U		0.105	0.500	1	08/09/2021 01:34	WG1719352
p-Isopropyltoluene	U		0.120	0.500	1	08/09/2021 01:34	WG1719352
2-Butanone (MEK)	U		1.19	5.00	1	08/09/2021 01:34	WG1719352
Methylene Chloride	U		0.430	2.50	1	08/09/2021 01:34	WG1719352
4-Methyl-2-pentanone (MIBK)	U		0.478	5.00	1	08/09/2021 01:34	WG1719352
Methyl tert-butyl ether	U		0.101	0.500	1	08/09/2021 01:34	WG1719352
Naphthalene	U	C3 J3	0.174	2.50	1	08/09/2021 01:34	WG1719352
n-Propylbenzene	U		0.0993	0.500	1	08/09/2021 01:34	WG1719352
Styrene	U		0.118	0.500	1	08/09/2021 01:34	WG1719352
1,1,1,2-Tetrachloroethane	U		0.147	0.500	1	08/09/2021 01:34	WG1719352
1,1,2,2-Tetrachloroethane	U		0.133	0.500	1	08/09/2021 01:34	WG1719352
1,1,2-Trichlorotrifluoroethane	U		0.180	0.500	1	08/09/2021 01:34	WG1719352
Tetrachloroethene	U		0.300	0.500	1	08/09/2021 01:34	WG1719352
Toluene	U		0.278	0.500	1	08/09/2021 01:34	WG1719352
1,2,3-Trichlorobenzene	U	C4 J3	0.164	0.500	1	08/09/2021 01:34	WG1719352

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	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,2,4-Trichlorobenzene	U	C4	0.481	1.00	1	08/09/2021 01:34	WG1719352
1,1,1-Trichloroethane	U		0.149	0.500	1	08/09/2021 01:34	WG1719352
1,1,2-Trichloroethane	U		0.158	0.500	1	08/09/2021 01:34	WG1719352
Trichloroethene	0.583		0.190	0.500	1	08/09/2021 01:34	WG1719352
Trichlorofluoromethane	U		0.160	2.50	1	08/09/2021 01:34	WG1719352
1,2,3-Trichloropropane	U		0.237	2.50	1	08/09/2021 01:34	WG1719352
1,2,4-Trimethylbenzene	U		0.322	0.500	1	08/09/2021 01:34	WG1719352
1,2,3-Trimethylbenzene	U		0.104	0.500	1	08/09/2021 01:34	WG1719352
1,3,5-Trimethylbenzene	U		0.104	0.500	1	08/09/2021 01:34	WG1719352
Vinyl chloride	U	C3	0.234	0.500	1	08/09/2021 01:34	WG1719352
Xylenes, Total	U		0.174	1.50	1	08/09/2021 01:34	WG1719352
(S) Toluene-d8	107			80.0-120		08/09/2021 01:34	WG1719352
(S) 4-Bromofluorobenzene	94.4			77.0-126		08/09/2021 01:34	WG1719352
(S) 1,2-Dichloroethane-d4	114			70.0-130		08/09/2021 01:34	WG1719352

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	39.2		11.3	25.0	1	08/09/2021 01:55	WG1719352
Acrolein	U		2.54	50.0	1	08/09/2021 01:55	WG1719352
Acrylonitrile	U		0.671	5.00	1	08/09/2021 01:55	WG1719352
Benzene	U		0.0941	0.500	1	08/09/2021 01:55	WG1719352
Bromobenzene	U		0.118	0.500	1	08/09/2021 01:55	WG1719352
Bromodichloromethane	U		0.136	0.500	1	08/09/2021 01:55	WG1719352
Bromoform	U		0.129	0.500	1	08/09/2021 01:55	WG1719352
Bromomethane	U		0.605	2.50	1	08/09/2021 01:55	WG1719352
n-Butylbenzene	U	C3	0.157	0.500	1	08/09/2021 01:55	WG1719352
sec-Butylbenzene	U		0.125	0.500	1	08/09/2021 01:55	WG1719352
tert-Butylbenzene	U		0.127	0.500	1	08/09/2021 01:55	WG1719352
Carbon disulfide	U	C3	0.0962	0.500	1	08/09/2021 01:55	WG1719352
Carbon tetrachloride	U		0.128	0.500	1	08/09/2021 01:55	WG1719352
Chlorobenzene	U		0.117	0.500	1	08/09/2021 01:55	WG1719352
Chlorodibromomethane	U		0.140	0.500	1	08/09/2021 01:55	WG1719352
Chloroethane	U		0.192	2.50	1	08/09/2021 01:55	WG1719352
Chloroform	0.445	J	0.111	0.500	1	08/09/2021 01:55	WG1719352
Chloromethane	U	C3	0.960	1.25	1	08/09/2021 01:55	WG1719352
2-Chlorotoluene	U		0.106	0.500	1	08/09/2021 01:55	WG1719352
4-Chlorotoluene	U		0.114	0.500	1	08/09/2021 01:55	WG1719352
1,2-Dibromo-3-Chloropropane	U	C3 J3	0.276	2.50	1	08/09/2021 01:55	WG1719352
1,2-Dibromoethane	U		0.126	0.500	1	08/09/2021 01:55	WG1719352
Dibromomethane	U		0.122	0.500	1	08/09/2021 01:55	WG1719352
1,2-Dichlorobenzene	U		0.107	0.500	1	08/09/2021 01:55	WG1719352
1,3-Dichlorobenzene	U		0.299	0.500	1	08/09/2021 01:55	WG1719352
1,4-Dichlorobenzene	U		0.120	0.500	1	08/09/2021 01:55	WG1719352
Dichlorodifluoromethane	U		0.374	2.50	1	08/09/2021 01:55	WG1719352
1,1-Dichloroethane	U		0.100	0.500	1	08/09/2021 01:55	WG1719352
1,2-Dichloroethane	U		0.0819	0.500	1	08/09/2021 01:55	WG1719352
1,1-Dichloroethene	U	C3	0.188	0.500	1	08/09/2021 01:55	WG1719352
cis-1,2-Dichloroethene	2.45		0.126	0.500	1	08/09/2021 01:55	WG1719352
trans-1,2-Dichloroethene	U		0.149	0.500	1	08/09/2021 01:55	WG1719352
1,2-Dichloropropane	U		0.149	0.500	1	08/09/2021 01:55	WG1719352
1,1-Dichloropropene	U		0.142	0.500	1	08/09/2021 01:55	WG1719352
1,3-Dichloropropane	U		0.109	1.00	1	08/09/2021 01:55	WG1719352
cis-1,3-Dichloropropene	U		0.111	0.500	1	08/09/2021 01:55	WG1719352
trans-1,3-Dichloropropene	U		0.118	0.500	1	08/09/2021 01:55	WG1719352
2,2-Dichloropropane	U		0.161	0.500	1	08/09/2021 01:55	WG1719352
Di-isopropyl ether	U		0.105	0.500	1	08/09/2021 01:55	WG1719352
Ethylbenzene	U		0.137	0.500	1	08/09/2021 01:55	WG1719352
Hexachloro-1,3-butadiene	U	J4	0.337	1.00	1	08/09/2021 01:55	WG1719352
Isopropylbenzene	U		0.105	0.500	1	08/09/2021 01:55	WG1719352
p-Isopropyltoluene	U		0.120	0.500	1	08/09/2021 01:55	WG1719352
2-Butanone (MEK)	1.56	J	1.19	5.00	1	08/09/2021 01:55	WG1719352
Methylene Chloride	U		0.430	2.50	1	08/09/2021 01:55	WG1719352
4-Methyl-2-pentanone (MIBK)	U		0.478	5.00	1	08/09/2021 01:55	WG1719352
Methyl tert-butyl ether	U		0.101	0.500	1	08/09/2021 01:55	WG1719352
Naphthalene	U	C3 J3	0.174	2.50	1	08/09/2021 01:55	WG1719352
n-Propylbenzene	U		0.0993	0.500	1	08/09/2021 01:55	WG1719352
Styrene	U		0.118	0.500	1	08/09/2021 01:55	WG1719352
1,1,1,2-Tetrachloroethane	U		0.147	0.500	1	08/09/2021 01:55	WG1719352
1,1,2,2-Tetrachloroethane	U		0.133	0.500	1	08/09/2021 01:55	WG1719352
1,1,2-Trichlorotrifluoroethane	U		0.180	0.500	1	08/09/2021 01:55	WG1719352
Tetrachloroethene	1.49		0.300	0.500	1	08/09/2021 01:55	WG1719352
Toluene	U		0.278	0.500	1	08/09/2021 01:55	WG1719352
1,2,3-Trichlorobenzene	U	C4 J3	0.164	0.500	1	08/09/2021 01:55	WG1719352

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	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,2,4-Trichlorobenzene	U	C4	0.481	1.00	1	08/09/2021 01:55	WG1719352
1,1,1-Trichloroethane	U		0.149	0.500	1	08/09/2021 01:55	WG1719352
1,1,2-Trichloroethane	U		0.158	0.500	1	08/09/2021 01:55	WG1719352
Trichloroethene	21.5		0.190	0.500	1	08/09/2021 01:55	WG1719352
Trichlorofluoromethane	U		0.160	2.50	1	08/09/2021 01:55	WG1719352
1,2,3-Trichloropropane	U		0.237	2.50	1	08/09/2021 01:55	WG1719352
1,2,4-Trimethylbenzene	U		0.322	0.500	1	08/09/2021 01:55	WG1719352
1,2,3-Trimethylbenzene	U		0.104	0.500	1	08/09/2021 01:55	WG1719352
1,3,5-Trimethylbenzene	U		0.104	0.500	1	08/09/2021 01:55	WG1719352
Vinyl chloride	U	C3	0.234	0.500	1	08/09/2021 01:55	WG1719352
Xylenes, Total	U		0.174	1.50	1	08/09/2021 01:55	WG1719352
(S) Toluene-d8	106			80.0-120		08/09/2021 01:55	WG1719352
(S) 4-Bromofluorobenzene	103			77.0-126		08/09/2021 01:55	WG1719352
(S) 1,2-Dichloroethane-d4	112			70.0-130		08/09/2021 01:55	WG1719352

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	U		11.3	25.0	1	08/09/2021 02:16	WG1719352
Acrolein	U		2.54	50.0	1	08/09/2021 02:16	WG1719352
Acrylonitrile	U		0.671	5.00	1	08/09/2021 02:16	WG1719352
Benzene	U		0.0941	0.500	1	08/09/2021 02:16	WG1719352
Bromobenzene	U		0.118	0.500	1	08/09/2021 02:16	WG1719352
Bromodichloromethane	U		0.136	0.500	1	08/09/2021 02:16	WG1719352
Bromoform	U		0.129	0.500	1	08/09/2021 02:16	WG1719352
Bromomethane	U		0.605	2.50	1	08/09/2021 02:16	WG1719352
n-Butylbenzene	U	C3	0.157	0.500	1	08/09/2021 02:16	WG1719352
sec-Butylbenzene	U		0.125	0.500	1	08/09/2021 02:16	WG1719352
tert-Butylbenzene	U		0.127	0.500	1	08/09/2021 02:16	WG1719352
Carbon disulfide	U	C3	0.0962	0.500	1	08/09/2021 02:16	WG1719352
Carbon tetrachloride	U		0.128	0.500	1	08/09/2021 02:16	WG1719352
Chlorobenzene	U		0.117	0.500	1	08/09/2021 02:16	WG1719352
Chlorodibromomethane	U		0.140	0.500	1	08/09/2021 02:16	WG1719352
Chloroethane	U		0.192	2.50	1	08/09/2021 02:16	WG1719352
Chloroform	0.221	J	0.111	0.500	1	08/09/2021 02:16	WG1719352
Chloromethane	U	C3	0.960	1.25	1	08/09/2021 02:16	WG1719352
2-Chlorotoluene	U		0.106	0.500	1	08/09/2021 02:16	WG1719352
4-Chlorotoluene	U		0.114	0.500	1	08/09/2021 02:16	WG1719352
1,2-Dibromo-3-Chloropropane	U	C3 J3	0.276	2.50	1	08/09/2021 02:16	WG1719352
1,2-Dibromoethane	U		0.126	0.500	1	08/09/2021 02:16	WG1719352
Dibromomethane	U		0.122	0.500	1	08/09/2021 02:16	WG1719352
1,2-Dichlorobenzene	U		0.107	0.500	1	08/09/2021 02:16	WG1719352
1,3-Dichlorobenzene	U		0.299	0.500	1	08/09/2021 02:16	WG1719352
1,4-Dichlorobenzene	U		0.120	0.500	1	08/09/2021 02:16	WG1719352
Dichlorodifluoromethane	U		0.374	2.50	1	08/09/2021 02:16	WG1719352
1,1-Dichloroethane	U		0.100	0.500	1	08/09/2021 02:16	WG1719352
1,2-Dichloroethane	U		0.0819	0.500	1	08/09/2021 02:16	WG1719352
1,1-Dichloroethene	U	C3	0.188	0.500	1	08/09/2021 02:16	WG1719352
cis-1,2-Dichloroethene	U		0.126	0.500	1	08/09/2021 02:16	WG1719352
trans-1,2-Dichloroethene	U		0.149	0.500	1	08/09/2021 02:16	WG1719352
1,2-Dichloropropane	U		0.149	0.500	1	08/09/2021 02:16	WG1719352
1,1-Dichloropropene	U		0.142	0.500	1	08/09/2021 02:16	WG1719352
1,3-Dichloropropane	U		0.109	1.00	1	08/09/2021 02:16	WG1719352
cis-1,3-Dichloropropene	U		0.111	0.500	1	08/09/2021 02:16	WG1719352
trans-1,3-Dichloropropene	U		0.118	0.500	1	08/09/2021 02:16	WG1719352
2,2-Dichloropropane	U		0.161	0.500	1	08/09/2021 02:16	WG1719352
Di-isopropyl ether	U		0.105	0.500	1	08/09/2021 02:16	WG1719352
Ethylbenzene	U		0.137	0.500	1	08/09/2021 02:16	WG1719352
Hexachloro-1,3-butadiene	U	J4	0.337	1.00	1	08/09/2021 02:16	WG1719352
Isopropylbenzene	U		0.105	0.500	1	08/09/2021 02:16	WG1719352
p-Isopropyltoluene	U		0.120	0.500	1	08/09/2021 02:16	WG1719352
2-Butanone (MEK)	U		1.19	5.00	1	08/09/2021 02:16	WG1719352
Methylene Chloride	U		0.430	2.50	1	08/09/2021 02:16	WG1719352
4-Methyl-2-pentanone (MIBK)	U		0.478	5.00	1	08/09/2021 02:16	WG1719352
Methyl tert-butyl ether	U		0.101	0.500	1	08/09/2021 02:16	WG1719352
Naphthalene	U	C3 J3	0.174	2.50	1	08/09/2021 02:16	WG1719352
n-Propylbenzene	U		0.0993	0.500	1	08/09/2021 02:16	WG1719352
Styrene	U		0.118	0.500	1	08/09/2021 02:16	WG1719352
1,1,1,2-Tetrachloroethane	U		0.147	0.500	1	08/09/2021 02:16	WG1719352
1,1,2,2-Tetrachloroethane	U		0.133	0.500	1	08/09/2021 02:16	WG1719352
1,1,2-Trichlorotrifluoroethane	U		0.180	0.500	1	08/09/2021 02:16	WG1719352
Tetrachloroethene	U		0.300	0.500	1	08/09/2021 02:16	WG1719352
Toluene	U		0.278	0.500	1	08/09/2021 02:16	WG1719352
1,2,3-Trichlorobenzene	U	C4 J3	0.164	0.500	1	08/09/2021 02:16	WG1719352

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

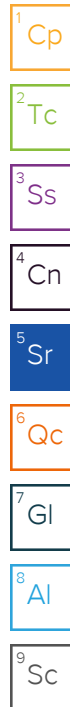
Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,2,4-Trichlorobenzene	U	C4	0.481	1.00	1	08/09/2021 02:16	WG1719352
1,1,1-Trichloroethane	U		0.149	0.500	1	08/09/2021 02:16	WG1719352
1,1,2-Trichloroethane	U		0.158	0.500	1	08/09/2021 02:16	WG1719352
Trichloroethene	0.260	J	0.190	0.500	1	08/09/2021 02:16	WG1719352
Trichlorofluoromethane	U		0.160	2.50	1	08/09/2021 02:16	WG1719352
1,2,3-Trichloropropane	U		0.237	2.50	1	08/09/2021 02:16	WG1719352
1,2,4-Trimethylbenzene	U		0.322	0.500	1	08/09/2021 02:16	WG1719352
1,2,3-Trimethylbenzene	U		0.104	0.500	1	08/09/2021 02:16	WG1719352
1,3,5-Trimethylbenzene	U		0.104	0.500	1	08/09/2021 02:16	WG1719352
Vinyl chloride	U	C3	0.234	0.500	1	08/09/2021 02:16	WG1719352
Xylenes, Total	U		0.174	1.50	1	08/09/2021 02:16	WG1719352
(S) Toluene-d8	108			80.0-120		08/09/2021 02:16	WG1719352
(S) 4-Bromofluorobenzene	92.2			77.0-126		08/09/2021 02:16	WG1719352
(S) 1,2-Dichloroethane-d4	112			70.0-130		08/09/2021 02:16	WG1719352

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	22.4	J	11.3	25.0	1	08/09/2021 02:37	WG1719352
Acrolein	U		2.54	50.0	1	08/09/2021 02:37	WG1719352
Acrylonitrile	U		0.671	5.00	1	08/09/2021 02:37	WG1719352
Benzene	U		0.0941	0.500	1	08/09/2021 02:37	WG1719352
Bromobenzene	U		0.118	0.500	1	08/09/2021 02:37	WG1719352
Bromodichloromethane	U		0.136	0.500	1	08/09/2021 02:37	WG1719352
Bromoform	U		0.129	0.500	1	08/09/2021 02:37	WG1719352
Bromomethane	U		0.605	2.50	1	08/09/2021 02:37	WG1719352
n-Butylbenzene	U	C3	0.157	0.500	1	08/09/2021 02:37	WG1719352
sec-Butylbenzene	U		0.125	0.500	1	08/09/2021 02:37	WG1719352
tert-Butylbenzene	U		0.127	0.500	1	08/09/2021 02:37	WG1719352
Carbon disulfide	U	C3	0.0962	0.500	1	08/09/2021 02:37	WG1719352
Carbon tetrachloride	U		0.128	0.500	1	08/09/2021 02:37	WG1719352
Chlorobenzene	U		0.117	0.500	1	08/09/2021 02:37	WG1719352
Chlorodibromomethane	U		0.140	0.500	1	08/09/2021 02:37	WG1719352
Chloroethane	U		0.192	2.50	1	08/09/2021 02:37	WG1719352
Chloroform	0.130	J	0.111	0.500	1	08/09/2021 02:37	WG1719352
Chloromethane	U	C3	0.960	1.25	1	08/09/2021 02:37	WG1719352
2-Chlorotoluene	U		0.106	0.500	1	08/09/2021 02:37	WG1719352
4-Chlorotoluene	U		0.114	0.500	1	08/09/2021 02:37	WG1719352
1,2-Dibromo-3-Chloropropane	U	C3 J3	0.276	2.50	1	08/09/2021 02:37	WG1719352
1,2-Dibromoethane	U		0.126	0.500	1	08/09/2021 02:37	WG1719352
Dibromomethane	U		0.122	0.500	1	08/09/2021 02:37	WG1719352
1,2-Dichlorobenzene	U		0.107	0.500	1	08/09/2021 02:37	WG1719352
1,3-Dichlorobenzene	U		0.299	0.500	1	08/09/2021 02:37	WG1719352
1,4-Dichlorobenzene	U		0.120	0.500	1	08/09/2021 02:37	WG1719352
Dichlorodifluoromethane	U		0.374	2.50	1	08/09/2021 02:37	WG1719352
1,1-Dichloroethane	U		0.100	0.500	1	08/09/2021 02:37	WG1719352
1,2-Dichloroethane	U		0.0819	0.500	1	08/09/2021 02:37	WG1719352
1,1-Dichloroethene	U	C3	0.188	0.500	1	08/09/2021 02:37	WG1719352
cis-1,2-Dichloroethene	0.945		0.126	0.500	1	08/09/2021 02:37	WG1719352
trans-1,2-Dichloroethene	U		0.149	0.500	1	08/09/2021 02:37	WG1719352
1,2-Dichloropropane	U		0.149	0.500	1	08/09/2021 02:37	WG1719352
1,1-Dichloropropene	U		0.142	0.500	1	08/09/2021 02:37	WG1719352
1,3-Dichloropropane	U		0.109	1.00	1	08/09/2021 02:37	WG1719352
cis-1,3-Dichloropropene	U		0.111	0.500	1	08/09/2021 02:37	WG1719352
trans-1,3-Dichloropropene	U		0.118	0.500	1	08/09/2021 02:37	WG1719352
2,2-Dichloropropane	U		0.161	0.500	1	08/09/2021 02:37	WG1719352
Di-isopropyl ether	U		0.105	0.500	1	08/09/2021 02:37	WG1719352
Ethylbenzene	U		0.137	0.500	1	08/09/2021 02:37	WG1719352
Hexachloro-1,3-butadiene	U	J4	0.337	1.00	1	08/09/2021 02:37	WG1719352
Isopropylbenzene	U		0.105	0.500	1	08/09/2021 02:37	WG1719352
p-Isopropyltoluene	U		0.120	0.500	1	08/09/2021 02:37	WG1719352
2-Butanone (MEK)	U		1.19	5.00	1	08/09/2021 02:37	WG1719352
Methylene Chloride	U		0.430	2.50	1	08/09/2021 02:37	WG1719352
4-Methyl-2-pentanone (MIBK)	U		0.478	5.00	1	08/09/2021 02:37	WG1719352
Methyl tert-butyl ether	U		0.101	0.500	1	08/09/2021 02:37	WG1719352
Naphthalene	U	C3 J3	0.174	2.50	1	08/09/2021 02:37	WG1719352
n-Propylbenzene	U		0.0993	0.500	1	08/09/2021 02:37	WG1719352
Styrene	U		0.118	0.500	1	08/09/2021 02:37	WG1719352
1,1,1,2-Tetrachloroethane	U		0.147	0.500	1	08/09/2021 02:37	WG1719352
1,1,2,2-Tetrachloroethane	U		0.133	0.500	1	08/09/2021 02:37	WG1719352
1,1,2-Trichlorotrifluoroethane	U		0.180	0.500	1	08/09/2021 02:37	WG1719352
Tetrachloroethene	U		0.300	0.500	1	08/09/2021 02:37	WG1719352
Toluene	U		0.278	0.500	1	08/09/2021 02:37	WG1719352
1,2,3-Trichlorobenzene	U	C4 J3	0.164	0.500	1	08/09/2021 02:37	WG1719352



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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,2,4-Trichlorobenzene	U	C4	0.481	1.00	1	08/09/2021 02:37	WG1719352
1,1,1-Trichloroethane	U		0.149	0.500	1	08/09/2021 02:37	WG1719352
1,1,2-Trichloroethane	U		0.158	0.500	1	08/09/2021 02:37	WG1719352
Trichloroethene	2.67		0.190	0.500	1	08/09/2021 02:37	WG1719352
Trichlorofluoromethane	U		0.160	2.50	1	08/09/2021 02:37	WG1719352
1,2,3-Trichloropropane	U		0.237	2.50	1	08/09/2021 02:37	WG1719352
1,2,4-Trimethylbenzene	U		0.322	0.500	1	08/09/2021 02:37	WG1719352
1,2,3-Trimethylbenzene	U		0.104	0.500	1	08/09/2021 02:37	WG1719352
1,3,5-Trimethylbenzene	U		0.104	0.500	1	08/09/2021 02:37	WG1719352
Vinyl chloride	U	C3	0.234	0.500	1	08/09/2021 02:37	WG1719352
Xylenes, Total	U		0.174	1.50	1	08/09/2021 02:37	WG1719352
(S) Toluene-d8	105			80.0-120		08/09/2021 02:37	WG1719352
(S) 4-Bromofluorobenzene	92.8			77.0-126		08/09/2021 02:37	WG1719352
(S) 1,2-Dichloroethane-d4	113			70.0-130		08/09/2021 02:37	WG1719352

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc

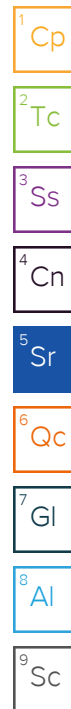
Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U		11.3	25.0	1	08/17/2021 14:28	WG1724497
Acrolein	U	C3	2.54	50.0	1	08/17/2021 14:28	WG1724497
Acrylonitrile	U		0.671	5.00	1	08/17/2021 14:28	WG1724497
Benzene	U		0.0941	0.500	1	08/17/2021 14:28	WG1724497
Bromobenzene	U		0.118	0.500	1	08/17/2021 14:28	WG1724497
Bromodichloromethane	U		0.136	0.500	1	08/17/2021 14:28	WG1724497
Bromoform	U		0.129	0.500	1	08/17/2021 14:28	WG1724497
Bromomethane	U	C3	0.605	2.50	1	08/17/2021 14:28	WG1724497
n-Butylbenzene	U		0.157	0.500	1	08/17/2021 14:28	WG1724497
sec-Butylbenzene	U		0.125	0.500	1	08/17/2021 14:28	WG1724497
tert-Butylbenzene	U		0.127	0.500	1	08/17/2021 14:28	WG1724497
Carbon disulfide	U		0.0962	0.500	1	08/17/2021 14:28	WG1724497
Carbon tetrachloride	U		0.128	0.500	1	08/17/2021 14:28	WG1724497
Chlorobenzene	U		0.117	0.500	1	08/17/2021 14:28	WG1724497
Chlorodibromomethane	U		0.140	0.500	1	08/17/2021 14:28	WG1724497
Chloroethane	U	C3	0.192	2.50	1	08/17/2021 14:28	WG1724497
Chloroform	U		0.111	0.500	1	08/17/2021 14:28	WG1724497
Chloromethane	U		0.960	1.25	1	08/17/2021 14:28	WG1724497
2-Chlorotoluene	U		0.106	0.500	1	08/17/2021 14:28	WG1724497
4-Chlorotoluene	U		0.114	0.500	1	08/17/2021 14:28	WG1724497
1,2-Dibromo-3-Chloropropane	U		0.276	2.50	1	08/17/2021 14:28	WG1724497
1,2-Dibromoethane	U		0.126	0.500	1	08/17/2021 14:28	WG1724497
Dibromomethane	U		0.122	0.500	1	08/17/2021 14:28	WG1724497
1,2-Dichlorobenzene	U		0.107	0.500	1	08/17/2021 14:28	WG1724497
1,3-Dichlorobenzene	U		0.299	0.500	1	08/17/2021 14:28	WG1724497
1,4-Dichlorobenzene	U		0.120	0.500	1	08/17/2021 14:28	WG1724497
Dichlorodifluoromethane	U		0.374	2.50	1	08/17/2021 14:28	WG1724497
1,1-Dichloroethane	U		0.100	0.500	1	08/17/2021 14:28	WG1724497
1,2-Dichloroethane	U		0.0819	0.500	1	08/17/2021 14:28	WG1724497
1,1-Dichloroethene	U		0.188	0.500	1	08/17/2021 14:28	WG1724497
cis-1,2-Dichloroethene	0.956		0.126	0.500	1	08/17/2021 14:28	WG1724497
trans-1,2-Dichloroethene	U		0.149	0.500	1	08/17/2021 14:28	WG1724497
1,2-Dichloropropane	U		0.149	0.500	1	08/17/2021 14:28	WG1724497
1,1-Dichloropropene	U		0.142	0.500	1	08/17/2021 14:28	WG1724497
1,3-Dichloropropane	U		0.109	1.00	1	08/17/2021 14:28	WG1724497
cis-1,3-Dichloropropene	U	J4	0.111	0.500	1	08/17/2021 14:28	WG1724497
trans-1,3-Dichloropropene	U		0.118	0.500	1	08/17/2021 14:28	WG1724497
2,2-Dichloropropane	U		0.161	0.500	1	08/17/2021 14:28	WG1724497
Di-isopropyl ether	U		0.105	0.500	1	08/17/2021 14:28	WG1724497
Ethylbenzene	U		0.137	0.500	1	08/17/2021 14:28	WG1724497
Hexachloro-1,3-butadiene	U		0.337	1.00	1	08/17/2021 14:28	WG1724497
Isopropylbenzene	U		0.105	0.500	1	08/17/2021 14:28	WG1724497
p-Isopropyltoluene	U		0.120	0.500	1	08/17/2021 14:28	WG1724497
2-Butanone (MEK)	U		1.19	5.00	1	08/17/2021 14:28	WG1724497
Methylene Chloride	U	C3	0.430	2.50	1	08/17/2021 14:28	WG1724497
4-Methyl-2-pentanone (MIBK)	U		0.478	5.00	1	08/17/2021 14:28	WG1724497
Methyl tert-butyl ether	U		0.101	0.500	1	08/17/2021 14:28	WG1724497
Naphthalene	U		0.174	2.50	1	08/17/2021 14:28	WG1724497
n-Propylbenzene	U		0.0993	0.500	1	08/17/2021 14:28	WG1724497
Styrene	U		0.118	0.500	1	08/17/2021 14:28	WG1724497
1,1,1,2-Tetrachloroethane	U		0.147	0.500	1	08/17/2021 14:28	WG1724497
1,1,2,2-Tetrachloroethane	U		0.133	0.500	1	08/17/2021 14:28	WG1724497
1,1,2-Trichlorotrifluoroethane	U		0.180	0.500	1	08/17/2021 14:28	WG1724497
Tetrachloroethene	U		0.300	0.500	1	08/17/2021 14:28	WG1724497
Toluene	U		0.278	0.500	1	08/17/2021 14:28	WG1724497
1,2,3-Trichlorobenzene	U	C4	0.164	0.500	1	08/17/2021 14:28	WG1724497

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,2,4-Trichlorobenzene	U	C4	0.481	1.00	1	08/17/2021 14:28	WG1724497
1,1,1-Trichloroethane	U		0.149	0.500	1	08/17/2021 14:28	WG1724497
1,1,2-Trichloroethane	U		0.158	0.500	1	08/17/2021 14:28	WG1724497
Trichloroethene	1.18	C5 J4	0.190	0.500	1	08/17/2021 14:28	WG1724497
Trichlorofluoromethane	U		0.160	2.50	1	08/17/2021 14:28	WG1724497
1,2,3-Trichloropropane	U		0.237	2.50	1	08/17/2021 14:28	WG1724497
1,2,4-Trimethylbenzene	U		0.322	0.500	1	08/17/2021 14:28	WG1724497
1,2,3-Trimethylbenzene	U		0.104	0.500	1	08/17/2021 14:28	WG1724497
1,3,5-Trimethylbenzene	U		0.104	0.500	1	08/17/2021 14:28	WG1724497
Vinyl chloride	U		0.234	0.500	1	08/17/2021 14:28	WG1724497
Xylenes, Total	U		0.174	1.50	1	08/17/2021 14:28	WG1724497
(S) Toluene-d8	106			80.0-120		08/17/2021 14:28	WG1724497
(S) 4-Bromofluorobenzene	114			77.0-126		08/17/2021 14:28	WG1724497
(S) 1,2-Dichloroethane-d4	95.9			70.0-130		08/17/2021 14:28	WG1724497



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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U	C3	11.3	25.0	1	08/08/2021 01:54	WG1719388
Acrolein	U	J4	2.54	50.0	1	08/08/2021 01:54	WG1719388
Acrylonitrile	U	C3	0.671	5.00	1	08/08/2021 01:54	WG1719388
Benzene	U		0.0941	0.500	1	08/08/2021 01:54	WG1719388
Bromobenzene	U		0.118	0.500	1	08/08/2021 01:54	WG1719388
Bromodichloromethane	U		0.136	0.500	1	08/08/2021 01:54	WG1719388
Bromoform	U		0.129	0.500	1	08/08/2021 01:54	WG1719388
Bromomethane	U		0.605	2.50	1	08/08/2021 01:54	WG1719388
n-Butylbenzene	U		0.157	0.500	1	08/08/2021 01:54	WG1719388
sec-Butylbenzene	U		0.125	0.500	1	08/08/2021 01:54	WG1719388
tert-Butylbenzene	U	J4	0.127	0.500	1	08/08/2021 01:54	WG1719388
Carbon disulfide	U		0.0962	0.500	1	08/08/2021 01:54	WG1719388
Carbon tetrachloride	U		0.128	0.500	1	08/08/2021 01:54	WG1719388
Chlorobenzene	U		0.117	0.500	1	08/08/2021 01:54	WG1719388
Chlorodibromomethane	U		0.140	0.500	1	08/08/2021 01:54	WG1719388
Chloroethane	U		0.192	2.50	1	08/08/2021 01:54	WG1719388
Chloroform	U		0.111	0.500	1	08/08/2021 01:54	WG1719388
Chloromethane	U		0.960	1.25	1	08/08/2021 01:54	WG1719388
2-Chlorotoluene	U		0.106	0.500	1	08/08/2021 01:54	WG1719388
4-Chlorotoluene	U		0.114	0.500	1	08/08/2021 01:54	WG1719388
1,2-Dibromo-3-Chloropropane	U	C3	0.276	2.50	1	08/08/2021 01:54	WG1719388
1,2-Dibromoethane	U		0.126	0.500	1	08/08/2021 01:54	WG1719388
Dibromomethane	U		0.122	0.500	1	08/08/2021 01:54	WG1719388
1,2-Dichlorobenzene	U		0.107	0.500	1	08/08/2021 01:54	WG1719388
1,3-Dichlorobenzene	U		0.299	0.500	1	08/08/2021 01:54	WG1719388
1,4-Dichlorobenzene	U		0.120	0.500	1	08/08/2021 01:54	WG1719388
Dichlorodifluoromethane	U		0.374	2.50	1	08/08/2021 01:54	WG1719388
1,1-Dichloroethane	U		0.100	0.500	1	08/08/2021 01:54	WG1719388
1,2-Dichloroethane	U		0.0819	0.500	1	08/08/2021 01:54	WG1719388
1,1-Dichloroethene	U		0.188	0.500	1	08/08/2021 01:54	WG1719388
cis-1,2-Dichloroethene	1.68		0.126	0.500	1	08/16/2021 22:25	WG1724214
trans-1,2-Dichloroethene	U		0.149	0.500	1	08/08/2021 01:54	WG1719388
1,2-Dichloropropane	U		0.149	0.500	1	08/08/2021 01:54	WG1719388
1,1-Dichloropropene	U		0.142	0.500	1	08/08/2021 01:54	WG1719388
1,3-Dichloropropane	U		0.109	1.00	1	08/08/2021 01:54	WG1719388
cis-1,3-Dichloropropene	U		0.111	0.500	1	08/08/2021 01:54	WG1719388
trans-1,3-Dichloropropene	U		0.118	0.500	1	08/08/2021 01:54	WG1719388
2,2-Dichloropropane	U		0.161	0.500	1	08/08/2021 01:54	WG1719388
Di-isopropyl ether	U		0.105	0.500	1	08/08/2021 01:54	WG1719388
Ethylbenzene	U	J4	0.137	0.500	1	08/08/2021 01:54	WG1719388
Hexachloro-1,3-butadiene	U		0.337	1.00	1	08/08/2021 01:54	WG1719388
Isopropylbenzene	U		0.105	0.500	1	08/08/2021 01:54	WG1719388
p-Isopropyltoluene	U		0.120	0.500	1	08/08/2021 01:54	WG1719388
2-Butanone (MEK)	U	C3	1.19	5.00	1	08/08/2021 01:54	WG1719388
Methylene Chloride	U	J4	0.430	2.50	1	08/08/2021 01:54	WG1719388
4-Methyl-2-pentanone (MIBK)	U		0.478	5.00	1	08/08/2021 01:54	WG1719388
Methyl tert-butyl ether	U		0.101	0.500	1	08/08/2021 01:54	WG1719388
Naphthalene	U		0.174	2.50	1	08/08/2021 01:54	WG1719388
n-Propylbenzene	U		0.0993	0.500	1	08/08/2021 01:54	WG1719388
Styrene	U		0.118	0.500	1	08/08/2021 01:54	WG1719388
1,1,1,2-Tetrachloroethane	U		0.147	0.500	1	08/08/2021 01:54	WG1719388
1,1,2,2-Tetrachloroethane	U		0.133	0.500	1	08/08/2021 01:54	WG1719388
1,1,2-Trichlorotrifluoroethane	U		0.180	0.500	1	08/08/2021 01:54	WG1719388
Tetrachloroethene	1.50		0.300	0.500	1	08/08/2021 01:54	WG1719388
Toluene	U	J4	0.278	0.500	1	08/08/2021 01:54	WG1719388
1,2,3-Trichlorobenzene	U		0.164	0.500	1	08/08/2021 01:54	WG1719388

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,2,4-Trichlorobenzene	U		0.481	1.00	1	08/08/2021 01:54	WG1719388
1,1,1-Trichloroethane	U		0.149	0.500	1	08/08/2021 01:54	WG1719388
1,1,2-Trichloroethane	U		0.158	0.500	1	08/08/2021 01:54	WG1719388
Trichloroethene	32.0		0.190	0.500	1	08/08/2021 01:54	WG1719388
Trichlorofluoromethane	U		0.160	2.50	1	08/08/2021 01:54	WG1719388
1,2,3-Trichloropropane	U		0.237	2.50	1	08/08/2021 01:54	WG1719388
1,2,4-Trimethylbenzene	U		0.322	0.500	1	08/08/2021 01:54	WG1719388
1,2,3-Trimethylbenzene	U		0.104	0.500	1	08/08/2021 01:54	WG1719388
1,3,5-Trimethylbenzene	U		0.104	0.500	1	08/08/2021 01:54	WG1719388
Vinyl chloride	U	J4	0.234	0.500	1	08/08/2021 01:54	WG1719388
Xylenes, Total	U		0.174	1.50	1	08/08/2021 01:54	WG1719388
(S) Toluene-d8	106			80.0-120		08/08/2021 01:54	WG1719388
(S) Toluene-d8	108			80.0-120		08/16/2021 22:25	WG1724214
(S) 4-Bromofluorobenzene	93.8			77.0-126		08/08/2021 01:54	WG1719388
(S) 4-Bromofluorobenzene	97.9			77.0-126		08/16/2021 22:25	WG1724214
(S) 1,2-Dichloroethane-d4	82.4			70.0-130		08/08/2021 01:54	WG1719388
(S) 1,2-Dichloroethane-d4	89.6			70.0-130		08/16/2021 22:25	WG1724214

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U	C3	11.3	25.0	1	08/08/2021 02:14	WG1719388
Acrolein	U	J4	2.54	50.0	1	08/08/2021 02:14	WG1719388
Acrylonitrile	U	C3	0.671	5.00	1	08/08/2021 02:14	WG1719388
Benzene	U		0.0941	0.500	1	08/08/2021 02:14	WG1719388
Bromobenzene	U		0.118	0.500	1	08/08/2021 02:14	WG1719388
Bromodichloromethane	U		0.136	0.500	1	08/08/2021 02:14	WG1719388
Bromoform	U		0.129	0.500	1	08/08/2021 02:14	WG1719388
Bromomethane	U		0.605	2.50	1	08/08/2021 02:14	WG1719388
n-Butylbenzene	U		0.157	0.500	1	08/08/2021 02:14	WG1719388
sec-Butylbenzene	U		0.125	0.500	1	08/08/2021 02:14	WG1719388
tert-Butylbenzene	U	J4	0.127	0.500	1	08/08/2021 02:14	WG1719388
Carbon disulfide	U		0.0962	0.500	1	08/08/2021 02:14	WG1719388
Carbon tetrachloride	U		0.128	0.500	1	08/08/2021 02:14	WG1719388
Chlorobenzene	U		0.117	0.500	1	08/08/2021 02:14	WG1719388
Chlorodibromomethane	U		0.140	0.500	1	08/08/2021 02:14	WG1719388
Chloroethane	U		0.192	2.50	1	08/08/2021 02:14	WG1719388
Chloroform	U		0.111	0.500	1	08/08/2021 02:14	WG1719388
Chloromethane	U		0.960	1.25	1	08/08/2021 02:14	WG1719388
2-Chlorotoluene	U		0.106	0.500	1	08/08/2021 02:14	WG1719388
4-Chlorotoluene	U		0.114	0.500	1	08/08/2021 02:14	WG1719388
1,2-Dibromo-3-Chloropropane	U	C3	0.276	2.50	1	08/08/2021 02:14	WG1719388
1,2-Dibromoethane	U		0.126	0.500	1	08/08/2021 02:14	WG1719388
Dibromomethane	U		0.122	0.500	1	08/08/2021 02:14	WG1719388
1,2-Dichlorobenzene	U		0.107	0.500	1	08/08/2021 02:14	WG1719388
1,3-Dichlorobenzene	U		0.299	0.500	1	08/08/2021 02:14	WG1719388
1,4-Dichlorobenzene	U		0.120	0.500	1	08/08/2021 02:14	WG1719388
Dichlorodifluoromethane	U		0.374	2.50	1	08/08/2021 02:14	WG1719388
1,1-Dichloroethane	U		0.100	0.500	1	08/08/2021 02:14	WG1719388
1,2-Dichloroethane	U		0.0819	0.500	1	08/08/2021 02:14	WG1719388
1,1-Dichloroethene	U		0.188	0.500	1	08/08/2021 02:14	WG1719388
cis-1,2-Dichloroethene	5.41		0.126	0.500	1	08/16/2021 22:45	WG1724214
trans-1,2-Dichloroethene	U		0.149	0.500	1	08/08/2021 02:14	WG1719388
1,2-Dichloropropane	U		0.149	0.500	1	08/08/2021 02:14	WG1719388
1,1-Dichloropropene	U		0.142	0.500	1	08/08/2021 02:14	WG1719388
1,3-Dichloropropane	U		0.109	1.00	1	08/08/2021 02:14	WG1719388
cis-1,3-Dichloropropene	U		0.111	0.500	1	08/08/2021 02:14	WG1719388
trans-1,3-Dichloropropene	U		0.118	0.500	1	08/08/2021 02:14	WG1719388
2,2-Dichloropropane	U		0.161	0.500	1	08/08/2021 02:14	WG1719388
Di-isopropyl ether	U		0.105	0.500	1	08/08/2021 02:14	WG1719388
Ethylbenzene	U	J4	0.137	0.500	1	08/08/2021 02:14	WG1719388
Hexachloro-1,3-butadiene	U		0.337	1.00	1	08/08/2021 02:14	WG1719388
Isopropylbenzene	U		0.105	0.500	1	08/08/2021 02:14	WG1719388
p-Isopropyltoluene	U		0.120	0.500	1	08/08/2021 02:14	WG1719388
2-Butanone (MEK)	U	C3	1.19	5.00	1	08/08/2021 02:14	WG1719388
Methylene Chloride	U	J4	0.430	2.50	1	08/08/2021 02:14	WG1719388
4-Methyl-2-pentanone (MIBK)	U		0.478	5.00	1	08/08/2021 02:14	WG1719388
Methyl tert-butyl ether	U		0.101	0.500	1	08/08/2021 02:14	WG1719388
Naphthalene	U		0.174	2.50	1	08/08/2021 02:14	WG1719388
n-Propylbenzene	U		0.0993	0.500	1	08/08/2021 02:14	WG1719388
Styrene	U		0.118	0.500	1	08/08/2021 02:14	WG1719388
1,1,1,2-Tetrachloroethane	U		0.147	0.500	1	08/08/2021 02:14	WG1719388
1,1,2,2-Tetrachloroethane	U		0.133	0.500	1	08/08/2021 02:14	WG1719388
1,1,2-Trichlorotrifluoroethane	U		0.180	0.500	1	08/08/2021 02:14	WG1719388
Tetrachloroethene	1.93		0.300	0.500	1	08/08/2021 02:14	WG1719388
Toluene	U	J4	0.278	0.500	1	08/08/2021 02:14	WG1719388
1,2,3-Trichlorobenzene	U		0.164	0.500	1	08/08/2021 02:14	WG1719388

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	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,2,4-Trichlorobenzene	U		0.481	1.00	1	08/08/2021 02:14	WG1719388
1,1,1-Trichloroethane	U		0.149	0.500	1	08/08/2021 02:14	WG1719388
1,1,2-Trichloroethane	U		0.158	0.500	1	08/08/2021 02:14	WG1719388
Trichloroethene	59.0		0.190	0.500	1	08/08/2021 02:14	WG1719388
Trichlorofluoromethane	U		0.160	2.50	1	08/08/2021 02:14	WG1719388
1,2,3-Trichloropropane	U		0.237	2.50	1	08/08/2021 02:14	WG1719388
1,2,4-Trimethylbenzene	U		0.322	0.500	1	08/08/2021 02:14	WG1719388
1,2,3-Trimethylbenzene	U		0.104	0.500	1	08/08/2021 02:14	WG1719388
1,3,5-Trimethylbenzene	U		0.104	0.500	1	08/08/2021 02:14	WG1719388
Vinyl chloride	U	J4	0.234	0.500	1	08/08/2021 02:14	WG1719388
Xylenes, Total	U		0.174	1.50	1	08/08/2021 02:14	WG1719388
(S) Toluene-d8	104			80.0-120		08/08/2021 02:14	WG1719388
(S) Toluene-d8	109			80.0-120		08/16/2021 22:45	WG1724214
(S) 4-Bromofluorobenzene	95.3			77.0-126		08/08/2021 02:14	WG1719388
(S) 4-Bromofluorobenzene	91.4			77.0-126		08/16/2021 22:45	WG1724214
(S) 1,2-Dichloroethane-d4	86.1			70.0-130		08/08/2021 02:14	WG1719388
(S) 1,2-Dichloroethane-d4	87.9			70.0-130		08/16/2021 22:45	WG1724214

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	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	U	C3	11.3	25.0	1	08/08/2021 02:33	WG1719388
Acrolein	U	J4	2.54	50.0	1	08/08/2021 02:33	WG1719388
Acrylonitrile	U	C3	0.671	5.00	1	08/08/2021 02:33	WG1719388
Benzene	U		0.0941	0.500	1	08/08/2021 02:33	WG1719388
Bromobenzene	U		0.118	0.500	1	08/08/2021 02:33	WG1719388
Bromodichloromethane	U		0.136	0.500	1	08/08/2021 02:33	WG1719388
Bromoform	U		0.129	0.500	1	08/08/2021 02:33	WG1719388
Bromomethane	U		0.605	2.50	1	08/08/2021 02:33	WG1719388
n-Butylbenzene	U		0.157	0.500	1	08/08/2021 02:33	WG1719388
sec-Butylbenzene	U		0.125	0.500	1	08/08/2021 02:33	WG1719388
tert-Butylbenzene	U	J4	0.127	0.500	1	08/08/2021 02:33	WG1719388
Carbon disulfide	U		0.0962	0.500	1	08/08/2021 02:33	WG1719388
Carbon tetrachloride	U		0.128	0.500	1	08/08/2021 02:33	WG1719388
Chlorobenzene	U		0.117	0.500	1	08/08/2021 02:33	WG1719388
Chlorodibromomethane	U		0.140	0.500	1	08/08/2021 02:33	WG1719388
Chloroethane	U		0.192	2.50	1	08/08/2021 02:33	WG1719388
Chloroform	U		0.111	0.500	1	08/08/2021 02:33	WG1719388
Chloromethane	U		0.960	1.25	1	08/08/2021 02:33	WG1719388
2-Chlorotoluene	U		0.106	0.500	1	08/08/2021 02:33	WG1719388
4-Chlorotoluene	U		0.114	0.500	1	08/08/2021 02:33	WG1719388
1,2-Dibromo-3-Chloropropane	U	C3	0.276	2.50	1	08/08/2021 02:33	WG1719388
1,2-Dibromoethane	U		0.126	0.500	1	08/08/2021 02:33	WG1719388
Dibromomethane	U		0.122	0.500	1	08/08/2021 02:33	WG1719388
1,2-Dichlorobenzene	U		0.107	0.500	1	08/08/2021 02:33	WG1719388
1,3-Dichlorobenzene	U		0.299	0.500	1	08/08/2021 02:33	WG1719388
1,4-Dichlorobenzene	U		0.120	0.500	1	08/08/2021 02:33	WG1719388
Dichlorodifluoromethane	U		0.374	2.50	1	08/08/2021 02:33	WG1719388
1,1-Dichloroethane	U		0.100	0.500	1	08/08/2021 02:33	WG1719388
1,2-Dichloroethane	U		0.0819	0.500	1	08/08/2021 02:33	WG1719388
1,1-Dichloroethene	U		0.188	0.500	1	08/08/2021 02:33	WG1719388
cis-1,2-Dichloroethene	5.25		0.126	0.500	1	08/16/2021 23:06	WG1724214
trans-1,2-Dichloroethene	U		0.149	0.500	1	08/08/2021 02:33	WG1719388
1,2-Dichloropropane	U		0.149	0.500	1	08/08/2021 02:33	WG1719388
1,1-Dichloropropene	U		0.142	0.500	1	08/08/2021 02:33	WG1719388
1,3-Dichloropropane	U		0.109	1.00	1	08/08/2021 02:33	WG1719388
cis-1,3-Dichloropropene	U		0.111	0.500	1	08/08/2021 02:33	WG1719388
trans-1,3-Dichloropropene	U		0.118	0.500	1	08/08/2021 02:33	WG1719388
2,2-Dichloropropane	U		0.161	0.500	1	08/08/2021 02:33	WG1719388
Di-isopropyl ether	U		0.105	0.500	1	08/08/2021 02:33	WG1719388
Ethylbenzene	U	J4	0.137	0.500	1	08/08/2021 02:33	WG1719388
Hexachloro-1,3-butadiene	U		0.337	1.00	1	08/08/2021 02:33	WG1719388
Isopropylbenzene	U		0.105	0.500	1	08/08/2021 02:33	WG1719388
p-Isopropyltoluene	U		0.120	0.500	1	08/08/2021 02:33	WG1719388
2-Butanone (MEK)	U	C3	1.19	5.00	1	08/08/2021 02:33	WG1719388
Methylene Chloride	U	J4	0.430	2.50	1	08/08/2021 02:33	WG1719388
4-Methyl-2-pentanone (MIBK)	U		0.478	5.00	1	08/08/2021 02:33	WG1719388
Methyl tert-butyl ether	U		0.101	0.500	1	08/08/2021 02:33	WG1719388
Naphthalene	U		0.174	2.50	1	08/08/2021 02:33	WG1719388
n-Propylbenzene	U		0.0993	0.500	1	08/08/2021 02:33	WG1719388
Styrene	U		0.118	0.500	1	08/08/2021 02:33	WG1719388
1,1,1,2-Tetrachloroethane	U		0.147	0.500	1	08/08/2021 02:33	WG1719388
1,1,2,2-Tetrachloroethane	U		0.133	0.500	1	08/08/2021 02:33	WG1719388
1,1,2-Trichlorotrifluoroethane	U		0.180	0.500	1	08/08/2021 02:33	WG1719388
Tetrachloroethene	1.81		0.300	0.500	1	08/08/2021 02:33	WG1719388
Toluene	U	J4	0.278	0.500	1	08/08/2021 02:33	WG1719388
1,2,3-Trichlorobenzene	U		0.164	0.500	1	08/08/2021 02:33	WG1719388

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	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,2,4-Trichlorobenzene	U		0.481	1.00	1	08/08/2021 02:33	WG1719388
1,1,1-Trichloroethane	U		0.149	0.500	1	08/08/2021 02:33	WG1719388
1,1,2-Trichloroethane	U		0.158	0.500	1	08/08/2021 02:33	WG1719388
Trichloroethene	59.5		0.190	0.500	1	08/08/2021 02:33	WG1719388
Trichlorofluoromethane	U		0.160	2.50	1	08/08/2021 02:33	WG1719388
1,2,3-Trichloropropane	U		0.237	2.50	1	08/08/2021 02:33	WG1719388
1,2,4-Trimethylbenzene	U		0.322	0.500	1	08/08/2021 02:33	WG1719388
1,2,3-Trimethylbenzene	U		0.104	0.500	1	08/08/2021 02:33	WG1719388
1,3,5-Trimethylbenzene	U		0.104	0.500	1	08/08/2021 02:33	WG1719388
Vinyl chloride	U	J4	0.234	0.500	1	08/08/2021 02:33	WG1719388
Xylenes, Total	U		0.174	1.50	1	08/08/2021 02:33	WG1719388
(S) Toluene-d8	106			80.0-120		08/08/2021 02:33	WG1719388
(S) Toluene-d8	112			80.0-120		08/16/2021 23:06	WG1724214
(S) 4-Bromofluorobenzene	97.2			77.0-126		08/08/2021 02:33	WG1719388
(S) 4-Bromofluorobenzene	83.8			77.0-126		08/16/2021 23:06	WG1724214
(S) 1,2-Dichloroethane-d4	84.3			70.0-130		08/08/2021 02:33	WG1719388
(S) 1,2-Dichloroethane-d4	91.4			70.0-130		08/16/2021 23:06	WG1724214

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	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U	C3	11.3	25.0	1	08/08/2021 02:52	WG1719388
Acrolein	U	J4	2.54	50.0	1	08/08/2021 02:52	WG1719388
Acrylonitrile	U	C3	0.671	5.00	1	08/08/2021 02:52	WG1719388
Benzene	U		0.0941	0.500	1	08/08/2021 02:52	WG1719388
Bromobenzene	U		0.118	0.500	1	08/08/2021 02:52	WG1719388
Bromodichloromethane	U		0.136	0.500	1	08/08/2021 02:52	WG1719388
Bromoform	U		0.129	0.500	1	08/08/2021 02:52	WG1719388
Bromomethane	U		0.605	2.50	1	08/08/2021 02:52	WG1719388
n-Butylbenzene	U		0.157	0.500	1	08/08/2021 02:52	WG1719388
sec-Butylbenzene	U		0.125	0.500	1	08/08/2021 02:52	WG1719388
tert-Butylbenzene	U	J4	0.127	0.500	1	08/08/2021 02:52	WG1719388
Carbon disulfide	U		0.0962	0.500	1	08/08/2021 02:52	WG1719388
Carbon tetrachloride	U		0.128	0.500	1	08/08/2021 02:52	WG1719388
Chlorobenzene	U		0.117	0.500	1	08/08/2021 02:52	WG1719388
Chlorodibromomethane	U		0.140	0.500	1	08/08/2021 02:52	WG1719388
Chloroethane	U		0.192	2.50	1	08/08/2021 02:52	WG1719388
Chloroform	U		0.111	0.500	1	08/08/2021 02:52	WG1719388
Chloromethane	U		0.960	1.25	1	08/08/2021 02:52	WG1719388
2-Chlorotoluene	U		0.106	0.500	1	08/08/2021 02:52	WG1719388
4-Chlorotoluene	U		0.114	0.500	1	08/08/2021 02:52	WG1719388
1,2-Dibromo-3-Chloropropane	U	C3	0.276	2.50	1	08/08/2021 02:52	WG1719388
1,2-Dibromoethane	U		0.126	0.500	1	08/08/2021 02:52	WG1719388
Dibromomethane	U		0.122	0.500	1	08/08/2021 02:52	WG1719388
1,2-Dichlorobenzene	U		0.107	0.500	1	08/08/2021 02:52	WG1719388
1,3-Dichlorobenzene	U		0.299	0.500	1	08/08/2021 02:52	WG1719388
1,4-Dichlorobenzene	U		0.120	0.500	1	08/08/2021 02:52	WG1719388
Dichlorodifluoromethane	U		0.374	2.50	1	08/08/2021 02:52	WG1719388
1,1-Dichloroethane	U		0.100	0.500	1	08/08/2021 02:52	WG1719388
1,2-Dichloroethane	U		0.0819	0.500	1	08/08/2021 02:52	WG1719388
1,1-Dichloroethene	U		0.188	0.500	1	08/08/2021 02:52	WG1719388
cis-1,2-Dichloroethene	7.04		0.126	0.500	1	08/16/2021 23:26	WG1724214
trans-1,2-Dichloroethene	U		0.149	0.500	1	08/08/2021 02:52	WG1719388
1,2-Dichloropropane	U		0.149	0.500	1	08/08/2021 02:52	WG1719388
1,1-Dichloropropene	U		0.142	0.500	1	08/08/2021 02:52	WG1719388
1,3-Dichloropropane	U		0.109	1.00	1	08/08/2021 02:52	WG1719388
cis-1,3-Dichloropropene	U		0.111	0.500	1	08/08/2021 02:52	WG1719388
trans-1,3-Dichloropropene	U		0.118	0.500	1	08/08/2021 02:52	WG1719388
2,2-Dichloropropane	U		0.161	0.500	1	08/08/2021 02:52	WG1719388
Di-isopropyl ether	U		0.105	0.500	1	08/08/2021 02:52	WG1719388
Ethylbenzene	U	J4	0.137	0.500	1	08/08/2021 02:52	WG1719388
Hexachloro-1,3-butadiene	U		0.337	1.00	1	08/08/2021 02:52	WG1719388
Isopropylbenzene	U		0.105	0.500	1	08/08/2021 02:52	WG1719388
p-Isopropyltoluene	U		0.120	0.500	1	08/08/2021 02:52	WG1719388
2-Butanone (MEK)	U	C3	1.19	5.00	1	08/08/2021 02:52	WG1719388
Methylene Chloride	U	J4	0.430	2.50	1	08/08/2021 02:52	WG1719388
4-Methyl-2-pentanone (MIBK)	U		0.478	5.00	1	08/08/2021 02:52	WG1719388
Methyl tert-butyl ether	U		0.101	0.500	1	08/08/2021 02:52	WG1719388
Naphthalene	U		0.174	2.50	1	08/08/2021 02:52	WG1719388
n-Propylbenzene	U		0.0993	0.500	1	08/08/2021 02:52	WG1719388
Styrene	U		0.118	0.500	1	08/08/2021 02:52	WG1719388
1,1,1,2-Tetrachloroethane	U		0.147	0.500	1	08/08/2021 02:52	WG1719388
1,1,2,2-Tetrachloroethane	U		0.133	0.500	1	08/08/2021 02:52	WG1719388
1,1,2-Trichlorotrifluoroethane	U		0.180	0.500	1	08/08/2021 02:52	WG1719388
Tetrachloroethene	2.50		0.300	0.500	1	08/08/2021 02:52	WG1719388
Toluene	U	J4	0.278	0.500	1	08/08/2021 02:52	WG1719388
1,2,3-Trichlorobenzene	U		0.164	0.500	1	08/08/2021 02:52	WG1719388

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	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,2,4-Trichlorobenzene	U		0.481	1.00	1	08/08/2021 02:52	WG1719388
1,1,1-Trichloroethane	U		0.149	0.500	1	08/08/2021 02:52	WG1719388
1,1,2-Trichloroethane	U		0.158	0.500	1	08/08/2021 02:52	WG1719388
Trichloroethene	70.3		0.190	0.500	1	08/08/2021 02:52	WG1719388
Trichlorofluoromethane	U		0.160	2.50	1	08/08/2021 02:52	WG1719388
1,2,3-Trichloropropane	U		0.237	2.50	1	08/08/2021 02:52	WG1719388
1,2,4-Trimethylbenzene	U		0.322	0.500	1	08/08/2021 02:52	WG1719388
1,2,3-Trimethylbenzene	U		0.104	0.500	1	08/08/2021 02:52	WG1719388
1,3,5-Trimethylbenzene	U		0.104	0.500	1	08/08/2021 02:52	WG1719388
Vinyl chloride	U	J4	0.234	0.500	1	08/08/2021 02:52	WG1719388
Xylenes, Total	U		0.174	1.50	1	08/08/2021 02:52	WG1719388
(S) Toluene-d8	105			80.0-120		08/08/2021 02:52	WG1719388
(S) Toluene-d8	116			80.0-120		08/16/2021 23:26	WG1724214
(S) 4-Bromofluorobenzene	94.4			77.0-126		08/08/2021 02:52	WG1719388
(S) 4-Bromofluorobenzene	89.0			77.0-126		08/16/2021 23:26	WG1724214
(S) 1,2-Dichloroethane-d4	89.9			70.0-130		08/08/2021 02:52	WG1719388
(S) 1,2-Dichloroethane-d4	84.6			70.0-130		08/16/2021 23:26	WG1724214

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U	C3	11.3	25.0	1	08/08/2021 03:12	WG1719388
Acrolein	U	J4	2.54	50.0	1	08/08/2021 03:12	WG1719388
Acrylonitrile	U	C3	0.671	5.00	1	08/08/2021 03:12	WG1719388
Benzene	U		0.0941	0.500	1	08/08/2021 03:12	WG1719388
Bromobenzene	U		0.118	0.500	1	08/08/2021 03:12	WG1719388
Bromodichloromethane	U		0.136	0.500	1	08/08/2021 03:12	WG1719388
Bromoform	U		0.129	0.500	1	08/08/2021 03:12	WG1719388
Bromomethane	U		0.605	2.50	1	08/08/2021 03:12	WG1719388
n-Butylbenzene	U		0.157	0.500	1	08/08/2021 03:12	WG1719388
sec-Butylbenzene	U		0.125	0.500	1	08/08/2021 03:12	WG1719388
tert-Butylbenzene	U	J4	0.127	0.500	1	08/08/2021 03:12	WG1719388
Carbon disulfide	U		0.0962	0.500	1	08/08/2021 03:12	WG1719388
Carbon tetrachloride	U		0.128	0.500	1	08/08/2021 03:12	WG1719388
Chlorobenzene	U		0.117	0.500	1	08/08/2021 03:12	WG1719388
Chlorodibromomethane	U		0.140	0.500	1	08/08/2021 03:12	WG1719388
Chloroethane	U		0.192	2.50	1	08/08/2021 03:12	WG1719388
Chloroform	U		0.111	0.500	1	08/08/2021 03:12	WG1719388
Chloromethane	U		0.960	1.25	1	08/08/2021 03:12	WG1719388
2-Chlorotoluene	U		0.106	0.500	1	08/08/2021 03:12	WG1719388
4-Chlorotoluene	U		0.114	0.500	1	08/08/2021 03:12	WG1719388
1,2-Dibromo-3-Chloropropane	U	C3	0.276	2.50	1	08/08/2021 03:12	WG1719388
1,2-Dibromoethane	U		0.126	0.500	1	08/08/2021 03:12	WG1719388
Dibromomethane	U		0.122	0.500	1	08/08/2021 03:12	WG1719388
1,2-Dichlorobenzene	U		0.107	0.500	1	08/08/2021 03:12	WG1719388
1,3-Dichlorobenzene	U		0.299	0.500	1	08/08/2021 03:12	WG1719388
1,4-Dichlorobenzene	U		0.120	0.500	1	08/08/2021 03:12	WG1719388
Dichlorodifluoromethane	U		0.374	2.50	1	08/08/2021 03:12	WG1719388
1,1-Dichloroethane	U		0.100	0.500	1	08/08/2021 03:12	WG1719388
1,2-Dichloroethane	U		0.0819	0.500	1	08/08/2021 03:12	WG1719388
1,1-Dichloroethene	U		0.188	0.500	1	08/08/2021 03:12	WG1719388
cis-1,2-Dichloroethene	U	J4	0.126	0.500	1	08/08/2021 03:12	WG1719388
trans-1,2-Dichloroethene	U		0.149	0.500	1	08/08/2021 03:12	WG1719388
1,2-Dichloropropane	U		0.149	0.500	1	08/08/2021 03:12	WG1719388
1,1-Dichloropropene	U		0.142	0.500	1	08/08/2021 03:12	WG1719388
1,3-Dichloropropane	U		0.109	1.00	1	08/08/2021 03:12	WG1719388
cis-1,3-Dichloropropene	U		0.111	0.500	1	08/08/2021 03:12	WG1719388
trans-1,3-Dichloropropene	U		0.118	0.500	1	08/08/2021 03:12	WG1719388
2,2-Dichloropropane	U		0.161	0.500	1	08/08/2021 03:12	WG1719388
Di-isopropyl ether	U		0.105	0.500	1	08/08/2021 03:12	WG1719388
Ethylbenzene	U	J4	0.137	0.500	1	08/08/2021 03:12	WG1719388
Hexachloro-1,3-butadiene	U		0.337	1.00	1	08/08/2021 03:12	WG1719388
Isopropylbenzene	U		0.105	0.500	1	08/08/2021 03:12	WG1719388
p-Isopropyltoluene	U		0.120	0.500	1	08/08/2021 03:12	WG1719388
2-Butanone (MEK)	U	C3	1.19	5.00	1	08/08/2021 03:12	WG1719388
Methylene Chloride	U	J4	0.430	2.50	1	08/08/2021 03:12	WG1719388
4-Methyl-2-pentanone (MIBK)	U		0.478	5.00	1	08/08/2021 03:12	WG1719388
Methyl tert-butyl ether	U		0.101	0.500	1	08/08/2021 03:12	WG1719388
Naphthalene	U		0.174	2.50	1	08/08/2021 03:12	WG1719388
n-Propylbenzene	U		0.0993	0.500	1	08/08/2021 03:12	WG1719388
Styrene	U		0.118	0.500	1	08/08/2021 03:12	WG1719388
1,1,1,2-Tetrachloroethane	U		0.147	0.500	1	08/08/2021 03:12	WG1719388
1,1,2,2-Tetrachloroethane	U		0.133	0.500	1	08/08/2021 03:12	WG1719388
1,1,2-Trichlorotrifluoroethane	U		0.180	0.500	1	08/08/2021 03:12	WG1719388
Tetrachloroethene	U		0.300	0.500	1	08/08/2021 03:12	WG1719388
Toluene	U	J4	0.278	0.500	1	08/08/2021 03:12	WG1719388
1,2,3-Trichlorobenzene	U		0.164	0.500	1	08/08/2021 03:12	WG1719388

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

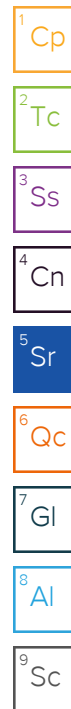
7 Gl

8 Al

9 Sc

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,2,4-Trichlorobenzene	U		0.481	1.00	1	08/08/2021 03:12	WG1719388
1,1,1-Trichloroethane	U		0.149	0.500	1	08/08/2021 03:12	WG1719388
1,1,2-Trichloroethane	U		0.158	0.500	1	08/08/2021 03:12	WG1719388
Trichloroethene	U		0.190	0.500	1	08/08/2021 03:12	WG1719388
Trichlorofluoromethane	U		0.160	2.50	1	08/08/2021 03:12	WG1719388
1,2,3-Trichloropropane	U		0.237	2.50	1	08/08/2021 03:12	WG1719388
1,2,4-Trimethylbenzene	U		0.322	0.500	1	08/08/2021 03:12	WG1719388
1,2,3-Trimethylbenzene	U		0.104	0.500	1	08/08/2021 03:12	WG1719388
1,3,5-Trimethylbenzene	U		0.104	0.500	1	08/08/2021 03:12	WG1719388
Vinyl chloride	U	J4	0.234	0.500	1	08/08/2021 03:12	WG1719388
Xylenes, Total	U		0.174	1.50	1	08/08/2021 03:12	WG1719388
(S) Toluene-d8	104			80.0-120		08/08/2021 03:12	WG1719388
(S) 4-Bromofluorobenzene	95.2			77.0-126		08/08/2021 03:12	WG1719388
(S) 1,2-Dichloroethane-d4	88.9			70.0-130		08/08/2021 03:12	WG1719388



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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	12.5	C3 J	11.3	25.0	1	08/08/2021 03:31	WG1719388
Acrolein	U	J4	2.54	50.0	1	08/08/2021 03:31	WG1719388
Acrylonitrile	U	C3	0.671	5.00	1	08/08/2021 03:31	WG1719388
Benzene	U		0.0941	0.500	1	08/08/2021 03:31	WG1719388
Bromobenzene	U		0.118	0.500	1	08/08/2021 03:31	WG1719388
Bromodichloromethane	U		0.136	0.500	1	08/08/2021 03:31	WG1719388
Bromoform	U		0.129	0.500	1	08/08/2021 03:31	WG1719388
Bromomethane	U		0.605	2.50	1	08/08/2021 03:31	WG1719388
n-Butylbenzene	U		0.157	0.500	1	08/08/2021 03:31	WG1719388
sec-Butylbenzene	U		0.125	0.500	1	08/08/2021 03:31	WG1719388
tert-Butylbenzene	U	J4	0.127	0.500	1	08/08/2021 03:31	WG1719388
Carbon disulfide	U		0.0962	0.500	1	08/08/2021 03:31	WG1719388
Carbon tetrachloride	U		0.128	0.500	1	08/08/2021 03:31	WG1719388
Chlorobenzene	U		0.117	0.500	1	08/08/2021 03:31	WG1719388
Chlorodibromomethane	U		0.140	0.500	1	08/08/2021 03:31	WG1719388
Chloroethane	U		0.192	2.50	1	08/08/2021 03:31	WG1719388
Chloroform	0.501		0.111	0.500	1	08/08/2021 03:31	WG1719388
Chloromethane	U		0.960	1.25	1	08/08/2021 03:31	WG1719388
2-Chlorotoluene	U		0.106	0.500	1	08/08/2021 03:31	WG1719388
4-Chlorotoluene	U		0.114	0.500	1	08/08/2021 03:31	WG1719388
1,2-Dibromo-3-Chloropropane	U	C3	0.276	2.50	1	08/08/2021 03:31	WG1719388
1,2-Dibromoethane	U		0.126	0.500	1	08/08/2021 03:31	WG1719388
Dibromomethane	U		0.122	0.500	1	08/08/2021 03:31	WG1719388
1,2-Dichlorobenzene	U		0.107	0.500	1	08/08/2021 03:31	WG1719388
1,3-Dichlorobenzene	U		0.299	0.500	1	08/08/2021 03:31	WG1719388
1,4-Dichlorobenzene	U		0.120	0.500	1	08/08/2021 03:31	WG1719388
Dichlorodifluoromethane	U		0.374	2.50	1	08/08/2021 03:31	WG1719388
1,1-Dichloroethane	U		0.100	0.500	1	08/08/2021 03:31	WG1719388
1,2-Dichloroethane	U		0.0819	0.500	1	08/08/2021 03:31	WG1719388
1,1-Dichloroethene	U		0.188	0.500	1	08/08/2021 03:31	WG1719388
cis-1,2-Dichloroethene	0.682		0.126	0.500	1	08/16/2021 23:46	WG1724214
trans-1,2-Dichloroethene	U		0.149	0.500	1	08/08/2021 03:31	WG1719388
1,2-Dichloropropane	U		0.149	0.500	1	08/08/2021 03:31	WG1719388
1,1-Dichloropropene	U		0.142	0.500	1	08/08/2021 03:31	WG1719388
1,3-Dichloropropane	U		0.109	1.00	1	08/08/2021 03:31	WG1719388
cis-1,3-Dichloropropene	U		0.111	0.500	1	08/08/2021 03:31	WG1719388
trans-1,3-Dichloropropene	U		0.118	0.500	1	08/08/2021 03:31	WG1719388
2,2-Dichloropropane	U		0.161	0.500	1	08/08/2021 03:31	WG1719388
Di-isopropyl ether	U		0.105	0.500	1	08/08/2021 03:31	WG1719388
Ethylbenzene	U	J4	0.137	0.500	1	08/08/2021 03:31	WG1719388
Hexachloro-1,3-butadiene	U		0.337	1.00	1	08/08/2021 03:31	WG1719388
Isopropylbenzene	U		0.105	0.500	1	08/08/2021 03:31	WG1719388
p-Isopropyltoluene	U		0.120	0.500	1	08/08/2021 03:31	WG1719388
2-Butanone (MEK)	U	C3	1.19	5.00	1	08/08/2021 03:31	WG1719388
Methylene Chloride	U	J4	0.430	2.50	1	08/08/2021 03:31	WG1719388
4-Methyl-2-pentanone (MIBK)	U		0.478	5.00	1	08/08/2021 03:31	WG1719388
Methyl tert-butyl ether	U		0.101	0.500	1	08/08/2021 03:31	WG1719388
Naphthalene	U		0.174	2.50	1	08/08/2021 03:31	WG1719388
n-Propylbenzene	U		0.0993	0.500	1	08/08/2021 03:31	WG1719388
Styrene	U		0.118	0.500	1	08/08/2021 03:31	WG1719388
1,1,1,2-Tetrachloroethane	U		0.147	0.500	1	08/08/2021 03:31	WG1719388
1,1,2,2-Tetrachloroethane	U		0.133	0.500	1	08/08/2021 03:31	WG1719388
1,1,2-Trichlorotrifluoroethane	U		0.180	0.500	1	08/08/2021 03:31	WG1719388
Tetrachloroethene	0.440	J	0.300	0.500	1	08/08/2021 03:31	WG1719388
Toluene	U	J4	0.278	0.500	1	08/08/2021 03:31	WG1719388
1,2,3-Trichlorobenzene	U		0.164	0.500	1	08/08/2021 03:31	WG1719388

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,2,4-Trichlorobenzene	U		0.481	1.00	1	08/08/2021 03:31	WG1719388
1,1,1-Trichloroethane	U		0.149	0.500	1	08/08/2021 03:31	WG1719388
1,1,2-Trichloroethane	U		0.158	0.500	1	08/08/2021 03:31	WG1719388
Trichloroethene	6.82		0.190	0.500	1	08/08/2021 03:31	WG1719388
Trichlorofluoromethane	U		0.160	2.50	1	08/08/2021 03:31	WG1719388
1,2,3-Trichloropropane	U		0.237	2.50	1	08/08/2021 03:31	WG1719388
1,2,4-Trimethylbenzene	U		0.322	0.500	1	08/08/2021 03:31	WG1719388
1,2,3-Trimethylbenzene	U		0.104	0.500	1	08/08/2021 03:31	WG1719388
1,3,5-Trimethylbenzene	U		0.104	0.500	1	08/08/2021 03:31	WG1719388
Vinyl chloride	U	J4	0.234	0.500	1	08/08/2021 03:31	WG1719388
Xylenes, Total	U		0.174	1.50	1	08/08/2021 03:31	WG1719388
(S) Toluene-d8	105			80.0-120		08/08/2021 03:31	WG1719388
(S) Toluene-d8	106			80.0-120		08/16/2021 23:46	WG1724214
(S) 4-Bromofluorobenzene	98.1			77.0-126		08/08/2021 03:31	WG1719388
(S) 4-Bromofluorobenzene	90.4			77.0-126		08/16/2021 23:46	WG1724214
(S) 1,2-Dichloroethane-d4	89.7			70.0-130		08/08/2021 03:31	WG1719388
(S) 1,2-Dichloroethane-d4	85.6			70.0-130		08/16/2021 23:46	WG1724214

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	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	U	C3	11.3	25.0	1	08/08/2021 03:51	WG1719388
Acrolein	U	J4	2.54	50.0	1	08/08/2021 03:51	WG1719388
Acrylonitrile	U	C3	0.671	5.00	1	08/08/2021 03:51	WG1719388
Benzene	U		0.0941	0.500	1	08/08/2021 03:51	WG1719388
Bromobenzene	U		0.118	0.500	1	08/08/2021 03:51	WG1719388
Bromodichloromethane	U		0.136	0.500	1	08/08/2021 03:51	WG1719388
Bromoform	U		0.129	0.500	1	08/08/2021 03:51	WG1719388
Bromomethane	U		0.605	2.50	1	08/08/2021 03:51	WG1719388
n-Butylbenzene	U		0.157	0.500	1	08/08/2021 03:51	WG1719388
sec-Butylbenzene	U		0.125	0.500	1	08/08/2021 03:51	WG1719388
tert-Butylbenzene	U	J4	0.127	0.500	1	08/08/2021 03:51	WG1719388
Carbon disulfide	U		0.0962	0.500	1	08/08/2021 03:51	WG1719388
Carbon tetrachloride	U		0.128	0.500	1	08/08/2021 03:51	WG1719388
Chlorobenzene	U		0.117	0.500	1	08/08/2021 03:51	WG1719388
Chlorodibromomethane	U		0.140	0.500	1	08/08/2021 03:51	WG1719388
Chloroethane	U		0.192	2.50	1	08/08/2021 03:51	WG1719388
Chloroform	0.809		0.111	0.500	1	08/08/2021 03:51	WG1719388
Chloromethane	U		0.960	1.25	1	08/08/2021 03:51	WG1719388
2-Chlorotoluene	U		0.106	0.500	1	08/08/2021 03:51	WG1719388
4-Chlorotoluene	U		0.114	0.500	1	08/08/2021 03:51	WG1719388
1,2-Dibromo-3-Chloropropane	U	C3	0.276	2.50	1	08/08/2021 03:51	WG1719388
1,2-Dibromoethane	U		0.126	0.500	1	08/08/2021 03:51	WG1719388
Dibromomethane	U		0.122	0.500	1	08/08/2021 03:51	WG1719388
1,2-Dichlorobenzene	U		0.107	0.500	1	08/08/2021 03:51	WG1719388
1,3-Dichlorobenzene	U		0.299	0.500	1	08/08/2021 03:51	WG1719388
1,4-Dichlorobenzene	U		0.120	0.500	1	08/08/2021 03:51	WG1719388
Dichlorodifluoromethane	U		0.374	2.50	1	08/08/2021 03:51	WG1719388
1,1-Dichloroethane	U		0.100	0.500	1	08/08/2021 03:51	WG1719388
1,2-Dichloroethane	U		0.0819	0.500	1	08/08/2021 03:51	WG1719388
1,1-Dichloroethene	U		0.188	0.500	1	08/08/2021 03:51	WG1719388
cis-1,2-Dichloroethene	U	J4	0.126	0.500	1	08/08/2021 03:51	WG1719388
trans-1,2-Dichloroethene	U		0.149	0.500	1	08/08/2021 03:51	WG1719388
1,2-Dichloropropane	U		0.149	0.500	1	08/08/2021 03:51	WG1719388
1,1-Dichloropropene	U		0.142	0.500	1	08/08/2021 03:51	WG1719388
1,3-Dichloropropane	U		0.109	1.00	1	08/08/2021 03:51	WG1719388
cis-1,3-Dichloropropene	U		0.111	0.500	1	08/08/2021 03:51	WG1719388
trans-1,3-Dichloropropene	U		0.118	0.500	1	08/08/2021 03:51	WG1719388
2,2-Dichloropropane	U		0.161	0.500	1	08/08/2021 03:51	WG1719388
Di-isopropyl ether	U		0.105	0.500	1	08/08/2021 03:51	WG1719388
Ethylbenzene	U	J4	0.137	0.500	1	08/08/2021 03:51	WG1719388
Hexachloro-1,3-butadiene	U		0.337	1.00	1	08/08/2021 03:51	WG1719388
Isopropylbenzene	U		0.105	0.500	1	08/08/2021 03:51	WG1719388
p-Isopropyltoluene	U		0.120	0.500	1	08/08/2021 03:51	WG1719388
2-Butanone (MEK)	U	C3	1.19	5.00	1	08/08/2021 03:51	WG1719388
Methylene Chloride	U	J4	0.430	2.50	1	08/08/2021 03:51	WG1719388
4-Methyl-2-pentanone (MIBK)	U		0.478	5.00	1	08/08/2021 03:51	WG1719388
Methyl tert-butyl ether	U		0.101	0.500	1	08/08/2021 03:51	WG1719388
Naphthalene	U		0.174	2.50	1	08/08/2021 03:51	WG1719388
n-Propylbenzene	U		0.0993	0.500	1	08/08/2021 03:51	WG1719388
Styrene	U		0.118	0.500	1	08/08/2021 03:51	WG1719388
1,1,1,2-Tetrachloroethane	U		0.147	0.500	1	08/08/2021 03:51	WG1719388
1,1,2,2-Tetrachloroethane	U		0.133	0.500	1	08/08/2021 03:51	WG1719388
1,1,2-Trichlorotrifluoroethane	U		0.180	0.500	1	08/08/2021 03:51	WG1719388
Tetrachloroethene	U		0.300	0.500	1	08/08/2021 03:51	WG1719388
Toluene	U	J4	0.278	0.500	1	08/08/2021 03:51	WG1719388
1,2,3-Trichlorobenzene	U		0.164	0.500	1	08/08/2021 03:51	WG1719388

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

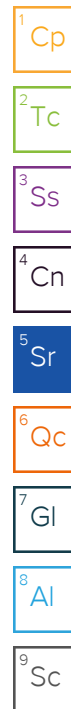
7 Gl

8 Al

9 Sc

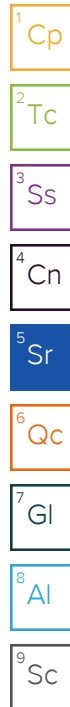
Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,2,4-Trichlorobenzene	U		0.481	1.00	1	08/08/2021 03:51	WG1719388
1,1,1-Trichloroethane	U		0.149	0.500	1	08/08/2021 03:51	WG1719388
1,1,2-Trichloroethane	U		0.158	0.500	1	08/08/2021 03:51	WG1719388
Trichloroethene	0.721		0.190	0.500	1	08/08/2021 03:51	WG1719388
Trichlorofluoromethane	U		0.160	2.50	1	08/08/2021 03:51	WG1719388
1,2,3-Trichloropropane	U		0.237	2.50	1	08/08/2021 03:51	WG1719388
1,2,4-Trimethylbenzene	U		0.322	0.500	1	08/08/2021 03:51	WG1719388
1,2,3-Trimethylbenzene	U		0.104	0.500	1	08/08/2021 03:51	WG1719388
1,3,5-Trimethylbenzene	U		0.104	0.500	1	08/08/2021 03:51	WG1719388
Vinyl chloride	U	J4	0.234	0.500	1	08/08/2021 03:51	WG1719388
Xylenes, Total	U		0.174	1.50	1	08/08/2021 03:51	WG1719388
(S) Toluene-d8	105			80.0-120		08/08/2021 03:51	WG1719388
(S) 4-Bromofluorobenzene	92.1			77.0-126		08/08/2021 03:51	WG1719388
(S) 1,2-Dichloroethane-d4	93.1			70.0-130		08/08/2021 03:51	WG1719388



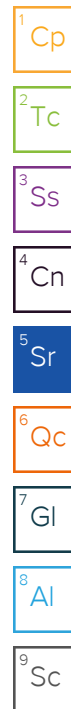
Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	20.3	C3 J	11.3	25.0	1	08/08/2021 04:10	WG1719388
Acrolein	U	J4	2.54	50.0	1	08/08/2021 04:10	WG1719388
Acrylonitrile	U	C3	0.671	5.00	1	08/08/2021 04:10	WG1719388
Benzene	U		0.0941	0.500	1	08/08/2021 04:10	WG1719388
Bromobenzene	U		0.118	0.500	1	08/08/2021 04:10	WG1719388
Bromodichloromethane	U		0.136	0.500	1	08/08/2021 04:10	WG1719388
Bromoform	U		0.129	0.500	1	08/08/2021 04:10	WG1719388
Bromomethane	U		0.605	2.50	1	08/08/2021 04:10	WG1719388
n-Butylbenzene	U		0.157	0.500	1	08/08/2021 04:10	WG1719388
sec-Butylbenzene	U		0.125	0.500	1	08/08/2021 04:10	WG1719388
tert-Butylbenzene	U	J4	0.127	0.500	1	08/08/2021 04:10	WG1719388
Carbon disulfide	U		0.0962	0.500	1	08/08/2021 04:10	WG1719388
Carbon tetrachloride	U		0.128	0.500	1	08/08/2021 04:10	WG1719388
Chlorobenzene	U		0.117	0.500	1	08/08/2021 04:10	WG1719388
Chlorodibromomethane	U		0.140	0.500	1	08/08/2021 04:10	WG1719388
Chloroethane	U		0.192	2.50	1	08/08/2021 04:10	WG1719388
Chloroform	1.31		0.111	0.500	1	08/08/2021 04:10	WG1719388
Chloromethane	U		0.960	1.25	1	08/08/2021 04:10	WG1719388
2-Chlorotoluene	U		0.106	0.500	1	08/08/2021 04:10	WG1719388
4-Chlorotoluene	U		0.114	0.500	1	08/08/2021 04:10	WG1719388
1,2-Dibromo-3-Chloropropane	U	C3	0.276	2.50	1	08/08/2021 04:10	WG1719388
1,2-Dibromoethane	U		0.126	0.500	1	08/08/2021 04:10	WG1719388
Dibromomethane	U		0.122	0.500	1	08/08/2021 04:10	WG1719388
1,2-Dichlorobenzene	U		0.107	0.500	1	08/08/2021 04:10	WG1719388
1,3-Dichlorobenzene	U		0.299	0.500	1	08/08/2021 04:10	WG1719388
1,4-Dichlorobenzene	U		0.120	0.500	1	08/08/2021 04:10	WG1719388
Dichlorodifluoromethane	U		0.374	2.50	1	08/08/2021 04:10	WG1719388
1,1-Dichloroethane	U		0.100	0.500	1	08/08/2021 04:10	WG1719388
1,2-Dichloroethane	U		0.0819	0.500	1	08/08/2021 04:10	WG1719388
1,1-Dichloroethene	U		0.188	0.500	1	08/08/2021 04:10	WG1719388
cis-1,2-Dichloroethene	U	J4	0.126	0.500	1	08/08/2021 04:10	WG1719388
trans-1,2-Dichloroethene	U		0.149	0.500	1	08/08/2021 04:10	WG1719388
1,2-Dichloropropane	U		0.149	0.500	1	08/08/2021 04:10	WG1719388
1,1-Dichloropropene	U		0.142	0.500	1	08/08/2021 04:10	WG1719388
1,3-Dichloropropane	U		0.109	1.00	1	08/08/2021 04:10	WG1719388
cis-1,3-Dichloropropene	U		0.111	0.500	1	08/08/2021 04:10	WG1719388
trans-1,3-Dichloropropene	U		0.118	0.500	1	08/08/2021 04:10	WG1719388
2,2-Dichloropropane	U		0.161	0.500	1	08/08/2021 04:10	WG1719388
Di-isopropyl ether	U		0.105	0.500	1	08/08/2021 04:10	WG1719388
Ethylbenzene	U	J4	0.137	0.500	1	08/08/2021 04:10	WG1719388
Hexachloro-1,3-butadiene	U		0.337	1.00	1	08/08/2021 04:10	WG1719388
Isopropylbenzene	U		0.105	0.500	1	08/08/2021 04:10	WG1719388
p-Isopropyltoluene	U		0.120	0.500	1	08/08/2021 04:10	WG1719388
2-Butanone (MEK)	2.74	C3 J	1.19	5.00	1	08/08/2021 04:10	WG1719388
Methylene Chloride	U	J4	0.430	2.50	1	08/08/2021 04:10	WG1719388
4-Methyl-2-pentanone (MIBK)	U		0.478	5.00	1	08/08/2021 04:10	WG1719388
Methyl tert-butyl ether	U		0.101	0.500	1	08/08/2021 04:10	WG1719388
Naphthalene	U		0.174	2.50	1	08/08/2021 04:10	WG1719388
n-Propylbenzene	U		0.0993	0.500	1	08/08/2021 04:10	WG1719388
Styrene	U		0.118	0.500	1	08/08/2021 04:10	WG1719388
1,1,1,2-Tetrachloroethane	U		0.147	0.500	1	08/08/2021 04:10	WG1719388
1,1,2,2-Tetrachloroethane	U		0.133	0.500	1	08/08/2021 04:10	WG1719388
1,1,2-Trichlorotrifluoroethane	U		0.180	0.500	1	08/08/2021 04:10	WG1719388
Tetrachloroethene	U		0.300	0.500	1	08/08/2021 04:10	WG1719388
Toluene	U	J4	0.278	0.500	1	08/08/2021 04:10	WG1719388
1,2,3-Trichlorobenzene	U		0.164	0.500	1	08/08/2021 04:10	WG1719388



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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,2,4-Trichlorobenzene	U		0.481	1.00	1	08/08/2021 04:10	WG1719388
1,1,1-Trichloroethane	U		0.149	0.500	1	08/08/2021 04:10	WG1719388
1,1,2-Trichloroethane	U		0.158	0.500	1	08/08/2021 04:10	WG1719388
Trichloroethene	U		0.190	0.500	1	08/08/2021 04:10	WG1719388
Trichlorofluoromethane	U		0.160	2.50	1	08/08/2021 04:10	WG1719388
1,2,3-Trichloropropane	U		0.237	2.50	1	08/08/2021 04:10	WG1719388
1,2,4-Trimethylbenzene	U		0.322	0.500	1	08/08/2021 04:10	WG1719388
1,2,3-Trimethylbenzene	U		0.104	0.500	1	08/08/2021 04:10	WG1719388
1,3,5-Trimethylbenzene	U		0.104	0.500	1	08/08/2021 04:10	WG1719388
Vinyl chloride	U	J4	0.234	0.500	1	08/08/2021 04:10	WG1719388
Xylenes, Total	U		0.174	1.50	1	08/08/2021 04:10	WG1719388
(S) Toluene-d8	102			80.0-120		08/08/2021 04:10	WG1719388
(S) 4-Bromofluorobenzene	94.1			77.0-126		08/08/2021 04:10	WG1719388
(S) 1,2-Dichloroethane-d4	91.9			70.0-130		08/08/2021 04:10	WG1719388



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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	42.0	C3	11.3	25.0	1	08/08/2021 04:29	WG1719388
Acrolein	U	J4	2.54	50.0	1	08/08/2021 04:29	WG1719388
Acrylonitrile	U	C3	0.671	5.00	1	08/08/2021 04:29	WG1719388
Benzene	U		0.0941	0.500	1	08/08/2021 04:29	WG1719388
Bromobenzene	U		0.118	0.500	1	08/08/2021 04:29	WG1719388
Bromodichloromethane	U		0.136	0.500	1	08/08/2021 04:29	WG1719388
Bromoform	U		0.129	0.500	1	08/08/2021 04:29	WG1719388
Bromomethane	U		0.605	2.50	1	08/08/2021 04:29	WG1719388
n-Butylbenzene	U		0.157	0.500	1	08/08/2021 04:29	WG1719388
sec-Butylbenzene	U		0.125	0.500	1	08/08/2021 04:29	WG1719388
tert-Butylbenzene	U	J4	0.127	0.500	1	08/08/2021 04:29	WG1719388
Carbon disulfide	U		0.0962	0.500	1	08/08/2021 04:29	WG1719388
Carbon tetrachloride	U		0.128	0.500	1	08/08/2021 04:29	WG1719388
Chlorobenzene	U		0.117	0.500	1	08/08/2021 04:29	WG1719388
Chlorodibromomethane	U		0.140	0.500	1	08/08/2021 04:29	WG1719388
Chloroethane	U		0.192	2.50	1	08/08/2021 04:29	WG1719388
Chloroform	U		0.111	0.500	1	08/08/2021 04:29	WG1719388
Chloromethane	U		0.960	1.25	1	08/08/2021 04:29	WG1719388
2-Chlorotoluene	U		0.106	0.500	1	08/08/2021 04:29	WG1719388
4-Chlorotoluene	U		0.114	0.500	1	08/08/2021 04:29	WG1719388
1,2-Dibromo-3-Chloropropane	U	C3	0.276	2.50	1	08/08/2021 04:29	WG1719388
1,2-Dibromoethane	U		0.126	0.500	1	08/08/2021 04:29	WG1719388
Dibromomethane	U		0.122	0.500	1	08/08/2021 04:29	WG1719388
1,2-Dichlorobenzene	U		0.107	0.500	1	08/08/2021 04:29	WG1719388
1,3-Dichlorobenzene	U		0.299	0.500	1	08/08/2021 04:29	WG1719388
1,4-Dichlorobenzene	U		0.120	0.500	1	08/08/2021 04:29	WG1719388
Dichlorodifluoromethane	U		0.374	2.50	1	08/08/2021 04:29	WG1719388
1,1-Dichloroethane	U		0.100	0.500	1	08/08/2021 04:29	WG1719388
1,2-Dichloroethane	U		0.0819	0.500	1	08/08/2021 04:29	WG1719388
1,1-Dichloroethene	U		0.188	0.500	1	08/08/2021 04:29	WG1719388
cis-1,2-Dichloroethene	U	J4	0.126	0.500	1	08/08/2021 04:29	WG1719388
trans-1,2-Dichloroethene	U		0.149	0.500	1	08/08/2021 04:29	WG1719388
1,2-Dichloropropane	U		0.149	0.500	1	08/08/2021 04:29	WG1719388
1,1-Dichloropropene	U		0.142	0.500	1	08/08/2021 04:29	WG1719388
1,3-Dichloropropane	U		0.109	1.00	1	08/08/2021 04:29	WG1719388
cis-1,3-Dichloropropene	U		0.111	0.500	1	08/08/2021 04:29	WG1719388
trans-1,3-Dichloropropene	U		0.118	0.500	1	08/08/2021 04:29	WG1719388
2,2-Dichloropropane	U		0.161	0.500	1	08/08/2021 04:29	WG1719388
Di-isopropyl ether	U		0.105	0.500	1	08/08/2021 04:29	WG1719388
Ethylbenzene	U	J4	0.137	0.500	1	08/08/2021 04:29	WG1719388
Hexachloro-1,3-butadiene	U		0.337	1.00	1	08/08/2021 04:29	WG1719388
Isopropylbenzene	U		0.105	0.500	1	08/08/2021 04:29	WG1719388
p-Isopropyltoluene	U		0.120	0.500	1	08/08/2021 04:29	WG1719388
2-Butanone (MEK)	3.97	C3 J	1.19	5.00	1	08/08/2021 04:29	WG1719388
Methylene Chloride	U	J4	0.430	2.50	1	08/08/2021 04:29	WG1719388
4-Methyl-2-pentanone (MIBK)	U		0.478	5.00	1	08/08/2021 04:29	WG1719388
Methyl tert-butyl ether	U		0.101	0.500	1	08/08/2021 04:29	WG1719388
Naphthalene	U		0.174	2.50	1	08/08/2021 04:29	WG1719388
n-Propylbenzene	U		0.0993	0.500	1	08/08/2021 04:29	WG1719388
Styrene	U		0.118	0.500	1	08/08/2021 04:29	WG1719388
1,1,1,2-Tetrachloroethane	U		0.147	0.500	1	08/08/2021 04:29	WG1719388
1,1,2,2-Tetrachloroethane	U		0.133	0.500	1	08/08/2021 04:29	WG1719388
1,1,2-Trichlorotrifluoroethane	U		0.180	0.500	1	08/08/2021 04:29	WG1719388
Tetrachloroethene	U		0.300	0.500	1	08/08/2021 04:29	WG1719388
Toluene	U	J4	0.278	0.500	1	08/08/2021 04:29	WG1719388
1,2,3-Trichlorobenzene	U		0.164	0.500	1	08/08/2021 04:29	WG1719388

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	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,2,4-Trichlorobenzene	U		0.481	1.00	1	08/08/2021 04:29	WG1719388
1,1,1-Trichloroethane	U		0.149	0.500	1	08/08/2021 04:29	WG1719388
1,1,2-Trichloroethane	U		0.158	0.500	1	08/08/2021 04:29	WG1719388
Trichloroethene	U		0.190	0.500	1	08/08/2021 04:29	WG1719388
Trichlorofluoromethane	U		0.160	2.50	1	08/08/2021 04:29	WG1719388
1,2,3-Trichloropropane	U		0.237	2.50	1	08/08/2021 04:29	WG1719388
1,2,4-Trimethylbenzene	U		0.322	0.500	1	08/08/2021 04:29	WG1719388
1,2,3-Trimethylbenzene	U		0.104	0.500	1	08/08/2021 04:29	WG1719388
1,3,5-Trimethylbenzene	U		0.104	0.500	1	08/08/2021 04:29	WG1719388
Vinyl chloride	U	J4	0.234	0.500	1	08/08/2021 04:29	WG1719388
Xylenes, Total	U		0.174	1.50	1	08/08/2021 04:29	WG1719388
(S) Toluene-d8	99.6			80.0-120		08/08/2021 04:29	WG1719388
(S) 4-Bromofluorobenzene	92.5			77.0-126		08/08/2021 04:29	WG1719388
(S) 1,2-Dichloroethane-d4	94.5			70.0-130		08/08/2021 04:29	WG1719388

¹Cp²Tc³Ss⁴Cn⁵Sr⁶Qc⁷Gl⁸Al⁹Sc

TRIP BLANK#

Collected date/time: 08/03/21 00:00

SAMPLE RESULTS - 20

L1387152

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U	C3	11.3	25.0	1	08/08/2021 01:35	WG1719388
Acrolein	U	J4	2.54	50.0	1	08/08/2021 01:35	WG1719388
Acrylonitrile	U	C3	0.671	5.00	1	08/08/2021 01:35	WG1719388
Benzene	U		0.0941	0.500	1	08/08/2021 01:35	WG1719388
Bromobenzene	U		0.118	0.500	1	08/08/2021 01:35	WG1719388
Bromodichloromethane	U		0.136	0.500	1	08/08/2021 01:35	WG1719388
Bromoform	U		0.129	0.500	1	08/08/2021 01:35	WG1719388
Bromomethane	U		0.605	2.50	1	08/08/2021 01:35	WG1719388
n-Butylbenzene	U		0.157	0.500	1	08/08/2021 01:35	WG1719388
sec-Butylbenzene	U		0.125	0.500	1	08/08/2021 01:35	WG1719388
tert-Butylbenzene	U	J4	0.127	0.500	1	08/08/2021 01:35	WG1719388
Carbon disulfide	U		0.0962	0.500	1	08/08/2021 01:35	WG1719388
Carbon tetrachloride	U		0.128	0.500	1	08/08/2021 01:35	WG1719388
Chlorobenzene	U		0.117	0.500	1	08/08/2021 01:35	WG1719388
Chlorodibromomethane	U		0.140	0.500	1	08/08/2021 01:35	WG1719388
Chloroethane	U		0.192	2.50	1	08/08/2021 01:35	WG1719388
Chloroform	U		0.111	0.500	1	08/08/2021 01:35	WG1719388
Chloromethane	U		0.960	1.25	1	08/08/2021 01:35	WG1719388
2-Chlorotoluene	U		0.106	0.500	1	08/08/2021 01:35	WG1719388
4-Chlorotoluene	U		0.114	0.500	1	08/08/2021 01:35	WG1719388
1,2-Dibromo-3-Chloropropane	U	C3	0.276	2.50	1	08/08/2021 01:35	WG1719388
1,2-Dibromoethane	U		0.126	0.500	1	08/08/2021 01:35	WG1719388
Dibromomethane	U		0.122	0.500	1	08/08/2021 01:35	WG1719388
1,2-Dichlorobenzene	U		0.107	0.500	1	08/08/2021 01:35	WG1719388
1,3-Dichlorobenzene	U		0.299	0.500	1	08/08/2021 01:35	WG1719388
1,4-Dichlorobenzene	U		0.120	0.500	1	08/08/2021 01:35	WG1719388
Dichlorodifluoromethane	U		0.374	2.50	1	08/08/2021 01:35	WG1719388
1,1-Dichloroethane	U		0.100	0.500	1	08/08/2021 01:35	WG1719388
1,2-Dichloroethane	U		0.0819	0.500	1	08/08/2021 01:35	WG1719388
1,1-Dichloroethene	U		0.188	0.500	1	08/08/2021 01:35	WG1719388
cis-1,2-Dichloroethene	U	J4	0.126	0.500	1	08/08/2021 01:35	WG1719388
trans-1,2-Dichloroethene	U		0.149	0.500	1	08/08/2021 01:35	WG1719388
1,2-Dichloropropane	U		0.149	0.500	1	08/08/2021 01:35	WG1719388
1,1-Dichloropropene	U		0.142	0.500	1	08/08/2021 01:35	WG1719388
1,3-Dichloropropane	U		0.109	1.00	1	08/08/2021 01:35	WG1719388
cis-1,3-Dichloropropene	U		0.111	0.500	1	08/08/2021 01:35	WG1719388
trans-1,3-Dichloropropene	U		0.118	0.500	1	08/08/2021 01:35	WG1719388
2,2-Dichloropropane	U		0.161	0.500	1	08/08/2021 01:35	WG1719388
Di-isopropyl ether	U		0.105	0.500	1	08/08/2021 01:35	WG1719388
Ethylbenzene	U	J4	0.137	0.500	1	08/08/2021 01:35	WG1719388
Hexachloro-1,3-butadiene	U		0.337	1.00	1	08/08/2021 01:35	WG1719388
Isopropylbenzene	U		0.105	0.500	1	08/08/2021 01:35	WG1719388
p-Isopropyltoluene	U		0.120	0.500	1	08/08/2021 01:35	WG1719388
2-Butanone (MEK)	U	C3	1.19	5.00	1	08/08/2021 01:35	WG1719388
Methylene Chloride	U	J4	0.430	2.50	1	08/08/2021 01:35	WG1719388
4-Methyl-2-pentanone (MIBK)	U		0.478	5.00	1	08/08/2021 01:35	WG1719388
Methyl tert-butyl ether	U		0.101	0.500	1	08/08/2021 01:35	WG1719388
Naphthalene	U		0.174	2.50	1	08/08/2021 01:35	WG1719388
n-Propylbenzene	U		0.0993	0.500	1	08/08/2021 01:35	WG1719388
Styrene	U		0.118	0.500	1	08/08/2021 01:35	WG1719388
1,1,1,2-Tetrachloroethane	U		0.147	0.500	1	08/08/2021 01:35	WG1719388
1,1,2,2-Tetrachloroethane	U		0.133	0.500	1	08/08/2021 01:35	WG1719388
1,1,2-Trichlorotrifluoroethane	U		0.180	0.500	1	08/08/2021 01:35	WG1719388
Tetrachloroethene	U		0.300	0.500	1	08/08/2021 01:35	WG1719388
Toluene	U	J4	0.278	0.500	1	08/08/2021 01:35	WG1719388
1,2,3-Trichlorobenzene	U		0.164	0.500	1	08/08/2021 01:35	WG1719388

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

ACCOUNT:

Cascade Corporation- Fairview, OR

PROJECT:

PNG0564S21

SDG:

L1387152

DATE/TIME:

08/18/21 17:31

PAGE:

46 of 85

TRIP BLANK#

SAMPLE RESULTS - 20

Collected date/time: 08/03/21 00:00

L1387152

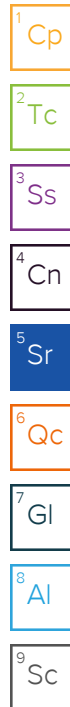
Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,2,4-Trichlorobenzene	U		0.481	1.00	1	08/08/2021 01:35	WG1719388
1,1,1-Trichloroethane	U		0.149	0.500	1	08/08/2021 01:35	WG1719388
1,1,2-Trichloroethane	U		0.158	0.500	1	08/08/2021 01:35	WG1719388
Trichloroethene	U		0.190	0.500	1	08/08/2021 01:35	WG1719388
Trichlorofluoromethane	U		0.160	2.50	1	08/08/2021 01:35	WG1719388
1,2,3-Trichloropropane	U		0.237	2.50	1	08/08/2021 01:35	WG1719388
1,2,4-Trimethylbenzene	U		0.322	0.500	1	08/08/2021 01:35	WG1719388
1,2,3-Trimethylbenzene	U		0.104	0.500	1	08/08/2021 01:35	WG1719388
1,3,5-Trimethylbenzene	U		0.104	0.500	1	08/08/2021 01:35	WG1719388
Vinyl chloride	U	J4	0.234	0.500	1	08/08/2021 01:35	WG1719388
Xylenes, Total	U		0.174	1.50	1	08/08/2021 01:35	WG1719388
(S) Toluene-d8	105			80.0-120		08/08/2021 01:35	WG1719388
(S) 4-Bromofluorobenzene	95.1			77.0-126		08/08/2021 01:35	WG1719388
(S) 1,2-Dichloroethane-d4	83.1			70.0-130		08/08/2021 01:35	WG1719388

¹Cp²Tc³Ss⁴Cn⁵Sr⁶Qc⁷Gl⁸Al⁹Sc

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	U	C3	11.3	25.0	1	08/08/2021 04:48	WG1719388
Acrolein	U	J4	2.54	50.0	1	08/08/2021 04:48	WG1719388
Acrylonitrile	U	C3	0.671	5.00	1	08/08/2021 04:48	WG1719388
Benzene	U		0.0941	0.500	1	08/08/2021 04:48	WG1719388
Bromobenzene	U		0.118	0.500	1	08/08/2021 04:48	WG1719388
Bromodichloromethane	U		0.136	0.500	1	08/08/2021 04:48	WG1719388
Bromoform	U		0.129	0.500	1	08/08/2021 04:48	WG1719388
Bromomethane	U		0.605	2.50	1	08/08/2021 04:48	WG1719388
n-Butylbenzene	U		0.157	0.500	1	08/08/2021 04:48	WG1719388
sec-Butylbenzene	U		0.125	0.500	1	08/08/2021 04:48	WG1719388
tert-Butylbenzene	U	J4	0.127	0.500	1	08/08/2021 04:48	WG1719388
Carbon disulfide	U		0.0962	0.500	1	08/08/2021 04:48	WG1719388
Carbon tetrachloride	U		0.128	0.500	1	08/08/2021 04:48	WG1719388
Chlorobenzene	U		0.117	0.500	1	08/08/2021 04:48	WG1719388
Chlorodibromomethane	U		0.140	0.500	1	08/08/2021 04:48	WG1719388
Chloroethane	U		0.192	2.50	1	08/08/2021 04:48	WG1719388
Chloroform	1.11		0.111	0.500	1	08/08/2021 04:48	WG1719388
Chloromethane	U		0.960	1.25	1	08/08/2021 04:48	WG1719388
2-Chlorotoluene	U		0.106	0.500	1	08/08/2021 04:48	WG1719388
4-Chlorotoluene	U		0.114	0.500	1	08/08/2021 04:48	WG1719388
1,2-Dibromo-3-Chloropropane	U	C3	0.276	2.50	1	08/08/2021 04:48	WG1719388
1,2-Dibromoethane	U		0.126	0.500	1	08/08/2021 04:48	WG1719388
Dibromomethane	U		0.122	0.500	1	08/08/2021 04:48	WG1719388
1,2-Dichlorobenzene	U		0.107	0.500	1	08/08/2021 04:48	WG1719388
1,3-Dichlorobenzene	U		0.299	0.500	1	08/08/2021 04:48	WG1719388
1,4-Dichlorobenzene	U		0.120	0.500	1	08/08/2021 04:48	WG1719388
Dichlorodifluoromethane	U		0.374	2.50	1	08/08/2021 04:48	WG1719388
1,1-Dichloroethane	U		0.100	0.500	1	08/08/2021 04:48	WG1719388
1,2-Dichloroethane	U		0.0819	0.500	1	08/08/2021 04:48	WG1719388
1,1-Dichloroethene	U		0.188	0.500	1	08/08/2021 04:48	WG1719388
cis-1,2-Dichloroethene	3.99		0.126	0.500	1	08/17/2021 00:07	WG1724214
trans-1,2-Dichloroethene	U		0.149	0.500	1	08/08/2021 04:48	WG1719388
1,2-Dichloropropane	U		0.149	0.500	1	08/08/2021 04:48	WG1719388
1,1-Dichloropropene	U		0.142	0.500	1	08/08/2021 04:48	WG1719388
1,3-Dichloropropane	U		0.109	1.00	1	08/08/2021 04:48	WG1719388
cis-1,3-Dichloropropene	U		0.111	0.500	1	08/08/2021 04:48	WG1719388
trans-1,3-Dichloropropene	U		0.118	0.500	1	08/08/2021 04:48	WG1719388
2,2-Dichloropropane	U		0.161	0.500	1	08/08/2021 04:48	WG1719388
Di-isopropyl ether	U		0.105	0.500	1	08/08/2021 04:48	WG1719388
Ethylbenzene	U	J4	0.137	0.500	1	08/08/2021 04:48	WG1719388
Hexachloro-1,3-butadiene	U		0.337	1.00	1	08/08/2021 04:48	WG1719388
Isopropylbenzene	U		0.105	0.500	1	08/08/2021 04:48	WG1719388
p-Isopropyltoluene	U		0.120	0.500	1	08/08/2021 04:48	WG1719388
2-Butanone (MEK)	U	C3	1.19	5.00	1	08/08/2021 04:48	WG1719388
Methylene Chloride	U	J4	0.430	2.50	1	08/08/2021 04:48	WG1719388
4-Methyl-2-pentanone (MIBK)	U		0.478	5.00	1	08/08/2021 04:48	WG1719388
Methyl tert-butyl ether	U		0.101	0.500	1	08/08/2021 04:48	WG1719388
Naphthalene	U		0.174	2.50	1	08/08/2021 04:48	WG1719388
n-Propylbenzene	U		0.0993	0.500	1	08/08/2021 04:48	WG1719388
Styrene	U		0.118	0.500	1	08/08/2021 04:48	WG1719388
1,1,1,2-Tetrachloroethane	U		0.147	0.500	1	08/08/2021 04:48	WG1719388
1,1,2,2-Tetrachloroethane	U		0.133	0.500	1	08/08/2021 04:48	WG1719388
1,1,2-Trichlorotrifluoroethane	U		0.180	0.500	1	08/08/2021 04:48	WG1719388
Tetrachloroethene	1.97		0.300	0.500	1	08/08/2021 04:48	WG1719388
Toluene	U	J4	0.278	0.500	1	08/08/2021 04:48	WG1719388
1,2,3-Trichlorobenzene	U		0.164	0.500	1	08/08/2021 04:48	WG1719388



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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,2,4-Trichlorobenzene	U		0.481	1.00	1	08/08/2021 04:48	WG1719388
1,1,1-Trichloroethane	U		0.149	0.500	1	08/08/2021 04:48	WG1719388
1,1,2-Trichloroethane	U		0.158	0.500	1	08/08/2021 04:48	WG1719388
Trichloroethene	35.3		0.190	0.500	1	08/08/2021 04:48	WG1719388
Trichlorofluoromethane	U		0.160	2.50	1	08/08/2021 04:48	WG1719388
1,2,3-Trichloropropane	U		0.237	2.50	1	08/08/2021 04:48	WG1719388
1,2,4-Trimethylbenzene	U		0.322	0.500	1	08/08/2021 04:48	WG1719388
1,2,3-Trimethylbenzene	U		0.104	0.500	1	08/08/2021 04:48	WG1719388
1,3,5-Trimethylbenzene	U		0.104	0.500	1	08/08/2021 04:48	WG1719388
Vinyl chloride	U	J4	0.234	0.500	1	08/08/2021 04:48	WG1719388
Xylenes, Total	U		0.174	1.50	1	08/08/2021 04:48	WG1719388
(S) Toluene-d8	103			80.0-120		08/08/2021 04:48	WG1719388
(S) Toluene-d8	116			80.0-120		08/17/2021 00:07	WG1724214
(S) 4-Bromofluorobenzene	95.9			77.0-126		08/08/2021 04:48	WG1719388
(S) 4-Bromofluorobenzene	86.9			77.0-126		08/17/2021 00:07	WG1724214
(S) 1,2-Dichloroethane-d4	96.6			70.0-130		08/08/2021 04:48	WG1719388
(S) 1,2-Dichloroethane-d4	88.3			70.0-130		08/17/2021 00:07	WG1724214

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	U	C3	11.3	25.0	1	08/08/2021 05:08	WG1719388
Acrolein	U	J4	2.54	50.0	1	08/08/2021 05:08	WG1719388
Acrylonitrile	U	C3	0.671	5.00	1	08/08/2021 05:08	WG1719388
Benzene	U		0.0941	0.500	1	08/08/2021 05:08	WG1719388
Bromobenzene	U		0.118	0.500	1	08/08/2021 05:08	WG1719388
Bromodichloromethane	U		0.136	0.500	1	08/08/2021 05:08	WG1719388
Bromoform	U		0.129	0.500	1	08/08/2021 05:08	WG1719388
Bromomethane	U		0.605	2.50	1	08/08/2021 05:08	WG1719388
n-Butylbenzene	U		0.157	0.500	1	08/08/2021 05:08	WG1719388
sec-Butylbenzene	U		0.125	0.500	1	08/08/2021 05:08	WG1719388
tert-Butylbenzene	U	J4	0.127	0.500	1	08/08/2021 05:08	WG1719388
Carbon disulfide	U		0.0962	0.500	1	08/08/2021 05:08	WG1719388
Carbon tetrachloride	U		0.128	0.500	1	08/08/2021 05:08	WG1719388
Chlorobenzene	U		0.117	0.500	1	08/08/2021 05:08	WG1719388
Chlorodibromomethane	U		0.140	0.500	1	08/08/2021 05:08	WG1719388
Chloroethane	U		0.192	2.50	1	08/08/2021 05:08	WG1719388
Chloroform	0.179	J	0.111	0.500	1	08/08/2021 05:08	WG1719388
Chloromethane	U		0.960	1.25	1	08/08/2021 05:08	WG1719388
2-Chlorotoluene	U		0.106	0.500	1	08/08/2021 05:08	WG1719388
4-Chlorotoluene	U		0.114	0.500	1	08/08/2021 05:08	WG1719388
1,2-Dibromo-3-Chloropropane	U	C3	0.276	2.50	1	08/08/2021 05:08	WG1719388
1,2-Dibromoethane	U		0.126	0.500	1	08/08/2021 05:08	WG1719388
Dibromomethane	U		0.122	0.500	1	08/08/2021 05:08	WG1719388
1,2-Dichlorobenzene	U		0.107	0.500	1	08/08/2021 05:08	WG1719388
1,3-Dichlorobenzene	U		0.299	0.500	1	08/08/2021 05:08	WG1719388
1,4-Dichlorobenzene	U		0.120	0.500	1	08/08/2021 05:08	WG1719388
Dichlorodifluoromethane	U		0.374	2.50	1	08/08/2021 05:08	WG1719388
1,1-Dichloroethane	U		0.100	0.500	1	08/08/2021 05:08	WG1719388
1,2-Dichloroethane	U		0.0819	0.500	1	08/08/2021 05:08	WG1719388
1,1-Dichloroethene	U		0.188	0.500	1	08/08/2021 05:08	WG1719388
cis-1,2-Dichloroethene	10.9		0.126	0.500	1	08/17/2021 00:27	WG1724214
trans-1,2-Dichloroethene	0.205	J	0.149	0.500	1	08/08/2021 05:08	WG1719388
1,2-Dichloropropane	U		0.149	0.500	1	08/08/2021 05:08	WG1719388
1,1-Dichloropropene	U		0.142	0.500	1	08/08/2021 05:08	WG1719388
1,3-Dichloropropane	U		0.109	1.00	1	08/08/2021 05:08	WG1719388
cis-1,3-Dichloropropene	U		0.111	0.500	1	08/08/2021 05:08	WG1719388
trans-1,3-Dichloropropene	U		0.118	0.500	1	08/08/2021 05:08	WG1719388
2,2-Dichloropropane	U		0.161	0.500	1	08/08/2021 05:08	WG1719388
Di-isopropyl ether	U		0.105	0.500	1	08/08/2021 05:08	WG1719388
Ethylbenzene	U	J4	0.137	0.500	1	08/08/2021 05:08	WG1719388
Hexachloro-1,3-butadiene	U		0.337	1.00	1	08/08/2021 05:08	WG1719388
Isopropylbenzene	U		0.105	0.500	1	08/08/2021 05:08	WG1719388
p-Isopropyltoluene	U		0.120	0.500	1	08/08/2021 05:08	WG1719388
2-Butanone (MEK)	U	C3	1.19	5.00	1	08/08/2021 05:08	WG1719388
Methylene Chloride	U	J4	0.430	2.50	1	08/08/2021 05:08	WG1719388
4-Methyl-2-pentanone (MIBK)	U		0.478	5.00	1	08/08/2021 05:08	WG1719388
Methyl tert-butyl ether	U		0.101	0.500	1	08/08/2021 05:08	WG1719388
Naphthalene	U		0.174	2.50	1	08/08/2021 05:08	WG1719388
n-Propylbenzene	U		0.0993	0.500	1	08/08/2021 05:08	WG1719388
Styrene	U		0.118	0.500	1	08/08/2021 05:08	WG1719388
1,1,1,2-Tetrachloroethane	U		0.147	0.500	1	08/08/2021 05:08	WG1719388
1,1,2,2-Tetrachloroethane	U		0.133	0.500	1	08/08/2021 05:08	WG1719388
1,1,2-Trichlorotrifluoroethane	U		0.180	0.500	1	08/08/2021 05:08	WG1719388
Tetrachloroethene	1.61		0.300	0.500	1	08/08/2021 05:08	WG1719388
Toluene	U	J4	0.278	0.500	1	08/08/2021 05:08	WG1719388
1,2,3-Trichlorobenzene	U		0.164	0.500	1	08/08/2021 05:08	WG1719388

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	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,2,4-Trichlorobenzene	U		0.481	1.00	1	08/08/2021 05:08	WG1719388
1,1,1-Trichloroethane	U		0.149	0.500	1	08/08/2021 05:08	WG1719388
1,1,2-Trichloroethane	U		0.158	0.500	1	08/08/2021 05:08	WG1719388
Trichloroethene	58.0		0.190	0.500	1	08/08/2021 05:08	WG1719388
Trichlorofluoromethane	U		0.160	2.50	1	08/08/2021 05:08	WG1719388
1,2,3-Trichloropropane	U		0.237	2.50	1	08/08/2021 05:08	WG1719388
1,2,4-Trimethylbenzene	U		0.322	0.500	1	08/08/2021 05:08	WG1719388
1,2,3-Trimethylbenzene	U		0.104	0.500	1	08/08/2021 05:08	WG1719388
1,3,5-Trimethylbenzene	U		0.104	0.500	1	08/08/2021 05:08	WG1719388
Vinyl chloride	U	J4	0.234	0.500	1	08/08/2021 05:08	WG1719388
Xylenes, Total	U		0.174	1.50	1	08/08/2021 05:08	WG1719388
(S) Toluene-d8	103			80.0-120		08/08/2021 05:08	WG1719388
(S) Toluene-d8	106			80.0-120		08/17/2021 00:27	WG1724214
(S) 4-Bromofluorobenzene	94.5			77.0-126		08/08/2021 05:08	WG1719388
(S) 4-Bromofluorobenzene	86.9			77.0-126		08/17/2021 00:27	WG1724214
(S) 1,2-Dichloroethane-d4	96.4			70.0-130		08/08/2021 05:08	WG1719388
(S) 1,2-Dichloroethane-d4	93.6			70.0-130		08/17/2021 00:27	WG1724214

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	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	U	C3	11.3	25.0	1	08/08/2021 05:27	WG1719388
Acrolein	U	J4	2.54	50.0	1	08/08/2021 05:27	WG1719388
Acrylonitrile	U	C3	0.671	5.00	1	08/08/2021 05:27	WG1719388
Benzene	U		0.0941	0.500	1	08/08/2021 05:27	WG1719388
Bromobenzene	U		0.118	0.500	1	08/08/2021 05:27	WG1719388
Bromodichloromethane	U		0.136	0.500	1	08/08/2021 05:27	WG1719388
Bromoform	U		0.129	0.500	1	08/08/2021 05:27	WG1719388
Bromomethane	U		0.605	2.50	1	08/08/2021 05:27	WG1719388
n-Butylbenzene	U		0.157	0.500	1	08/08/2021 05:27	WG1719388
sec-Butylbenzene	U		0.125	0.500	1	08/08/2021 05:27	WG1719388
tert-Butylbenzene	U	J4	0.127	0.500	1	08/08/2021 05:27	WG1719388
Carbon disulfide	U		0.0962	0.500	1	08/08/2021 05:27	WG1719388
Carbon tetrachloride	U		0.128	0.500	1	08/08/2021 05:27	WG1719388
Chlorobenzene	U		0.117	0.500	1	08/08/2021 05:27	WG1719388
Chlorodibromomethane	U		0.140	0.500	1	08/08/2021 05:27	WG1719388
Chloroethane	U		0.192	2.50	1	08/08/2021 05:27	WG1719388
Chloroform	0.426	J	0.111	0.500	1	08/08/2021 05:27	WG1719388
Chloromethane	U		0.960	1.25	1	08/08/2021 05:27	WG1719388
2-Chlorotoluene	U		0.106	0.500	1	08/08/2021 05:27	WG1719388
4-Chlorotoluene	U		0.114	0.500	1	08/08/2021 05:27	WG1719388
1,2-Dibromo-3-Chloropropane	U	C3	0.276	2.50	1	08/08/2021 05:27	WG1719388
1,2-Dibromoethane	U		0.126	0.500	1	08/08/2021 05:27	WG1719388
Dibromomethane	U		0.122	0.500	1	08/08/2021 05:27	WG1719388
1,2-Dichlorobenzene	U		0.107	0.500	1	08/08/2021 05:27	WG1719388
1,3-Dichlorobenzene	U		0.299	0.500	1	08/08/2021 05:27	WG1719388
1,4-Dichlorobenzene	U		0.120	0.500	1	08/08/2021 05:27	WG1719388
Dichlorodifluoromethane	U		0.374	2.50	1	08/08/2021 05:27	WG1719388
1,1-Dichloroethane	U		0.100	0.500	1	08/08/2021 05:27	WG1719388
1,2-Dichloroethane	U		0.0819	0.500	1	08/08/2021 05:27	WG1719388
1,1-Dichloroethene	U		0.188	0.500	1	08/08/2021 05:27	WG1719388
cis-1,2-Dichloroethene	U	J4	0.126	0.500	1	08/08/2021 05:27	WG1719388
trans-1,2-Dichloroethene	U		0.149	0.500	1	08/08/2021 05:27	WG1719388
1,2-Dichloropropane	U		0.149	0.500	1	08/08/2021 05:27	WG1719388
1,1-Dichloropropene	U		0.142	0.500	1	08/08/2021 05:27	WG1719388
1,3-Dichloropropane	U		0.109	1.00	1	08/08/2021 05:27	WG1719388
cis-1,3-Dichloropropene	U		0.111	0.500	1	08/08/2021 05:27	WG1719388
trans-1,3-Dichloropropene	U		0.118	0.500	1	08/08/2021 05:27	WG1719388
2,2-Dichloropropane	U		0.161	0.500	1	08/08/2021 05:27	WG1719388
Di-isopropyl ether	U		0.105	0.500	1	08/08/2021 05:27	WG1719388
Ethylbenzene	U	J4	0.137	0.500	1	08/08/2021 05:27	WG1719388
Hexachloro-1,3-butadiene	U		0.337	1.00	1	08/08/2021 05:27	WG1719388
Isopropylbenzene	U		0.105	0.500	1	08/08/2021 05:27	WG1719388
p-Isopropyltoluene	U		0.120	0.500	1	08/08/2021 05:27	WG1719388
2-Butanone (MEK)	U	C3	1.19	5.00	1	08/08/2021 05:27	WG1719388
Methylene Chloride	U	J4	0.430	2.50	1	08/08/2021 05:27	WG1719388
4-Methyl-2-pentanone (MIBK)	U		0.478	5.00	1	08/08/2021 05:27	WG1719388
Methyl tert-butyl ether	U		0.101	0.500	1	08/08/2021 05:27	WG1719388
Naphthalene	U		0.174	2.50	1	08/08/2021 05:27	WG1719388
n-Propylbenzene	U		0.0993	0.500	1	08/08/2021 05:27	WG1719388
Styrene	U		0.118	0.500	1	08/08/2021 05:27	WG1719388
1,1,1,2-Tetrachloroethane	U		0.147	0.500	1	08/08/2021 05:27	WG1719388
1,1,2,2-Tetrachloroethane	U		0.133	0.500	1	08/08/2021 05:27	WG1719388
1,1,2-Trichlorotrifluoroethane	U		0.180	0.500	1	08/08/2021 05:27	WG1719388
Tetrachloroethene	U		0.300	0.500	1	08/08/2021 05:27	WG1719388
Toluene	U	J4	0.278	0.500	1	08/08/2021 05:27	WG1719388
1,2,3-Trichlorobenzene	U		0.164	0.500	1	08/08/2021 05:27	WG1719388

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	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,2,4-Trichlorobenzene	U		0.481	1.00	1	08/08/2021 05:27	WG1719388
1,1,1-Trichloroethane	U		0.149	0.500	1	08/08/2021 05:27	WG1719388
1,1,2-Trichloroethane	U		0.158	0.500	1	08/08/2021 05:27	WG1719388
Trichloroethene	U		0.190	0.500	1	08/08/2021 05:27	WG1719388
Trichlorofluoromethane	U		0.160	2.50	1	08/08/2021 05:27	WG1719388
1,2,3-Trichloropropane	U		0.237	2.50	1	08/08/2021 05:27	WG1719388
1,2,4-Trimethylbenzene	U		0.322	0.500	1	08/08/2021 05:27	WG1719388
1,2,3-Trimethylbenzene	U		0.104	0.500	1	08/08/2021 05:27	WG1719388
1,3,5-Trimethylbenzene	U		0.104	0.500	1	08/08/2021 05:27	WG1719388
Vinyl chloride	U	J4	0.234	0.500	1	08/08/2021 05:27	WG1719388
Xylenes, Total	U		0.174	1.50	1	08/08/2021 05:27	WG1719388
(S) Toluene-d8	105			80.0-120		08/08/2021 05:27	WG1719388
(S) 4-Bromofluorobenzene	96.7			77.0-126		08/08/2021 05:27	WG1719388
(S) 1,2-Dichloroethane-d4	99.6			70.0-130		08/08/2021 05:27	WG1719388

¹Cp²Tc³Ss⁴Cn⁵Sr⁶Qc⁷Gl⁸Al⁹Sc

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	U	C3	11.3	25.0	1	08/08/2021 05:46	WG1719388
Acrolein	U	J4	2.54	50.0	1	08/08/2021 05:46	WG1719388
Acrylonitrile	U	C3	0.671	5.00	1	08/08/2021 05:46	WG1719388
Benzene	U		0.0941	0.500	1	08/08/2021 05:46	WG1719388
Bromobenzene	U		0.118	0.500	1	08/08/2021 05:46	WG1719388
Bromodichloromethane	U		0.136	0.500	1	08/08/2021 05:46	WG1719388
Bromoform	U		0.129	0.500	1	08/08/2021 05:46	WG1719388
Bromomethane	U		0.605	2.50	1	08/08/2021 05:46	WG1719388
n-Butylbenzene	U		0.157	0.500	1	08/08/2021 05:46	WG1719388
sec-Butylbenzene	U		0.125	0.500	1	08/08/2021 05:46	WG1719388
tert-Butylbenzene	U	J4	0.127	0.500	1	08/08/2021 05:46	WG1719388
Carbon disulfide	U		0.0962	0.500	1	08/08/2021 05:46	WG1719388
Carbon tetrachloride	U		0.128	0.500	1	08/08/2021 05:46	WG1719388
Chlorobenzene	U		0.117	0.500	1	08/08/2021 05:46	WG1719388
Chlorodibromomethane	U		0.140	0.500	1	08/08/2021 05:46	WG1719388
Chloroethane	U		0.192	2.50	1	08/08/2021 05:46	WG1719388
Chloroform	0.384	J	0.111	0.500	1	08/08/2021 05:46	WG1719388
Chloromethane	U		0.960	1.25	1	08/08/2021 05:46	WG1719388
2-Chlorotoluene	U		0.106	0.500	1	08/08/2021 05:46	WG1719388
4-Chlorotoluene	U		0.114	0.500	1	08/08/2021 05:46	WG1719388
1,2-Dibromo-3-Chloropropane	U	C3	0.276	2.50	1	08/08/2021 05:46	WG1719388
1,2-Dibromoethane	U		0.126	0.500	1	08/08/2021 05:46	WG1719388
Dibromomethane	U		0.122	0.500	1	08/08/2021 05:46	WG1719388
1,2-Dichlorobenzene	U		0.107	0.500	1	08/08/2021 05:46	WG1719388
1,3-Dichlorobenzene	U		0.299	0.500	1	08/08/2021 05:46	WG1719388
1,4-Dichlorobenzene	U		0.120	0.500	1	08/08/2021 05:46	WG1719388
Dichlorodifluoromethane	U		0.374	2.50	1	08/08/2021 05:46	WG1719388
1,1-Dichloroethane	U		0.100	0.500	1	08/08/2021 05:46	WG1719388
1,2-Dichloroethane	U		0.0819	0.500	1	08/08/2021 05:46	WG1719388
1,1-Dichloroethene	U		0.188	0.500	1	08/08/2021 05:46	WG1719388
cis-1,2-Dichloroethene	U	J4	0.126	0.500	1	08/08/2021 05:46	WG1719388
trans-1,2-Dichloroethene	U		0.149	0.500	1	08/08/2021 05:46	WG1719388
1,2-Dichloropropane	U		0.149	0.500	1	08/08/2021 05:46	WG1719388
1,1-Dichloropropene	U		0.142	0.500	1	08/08/2021 05:46	WG1719388
1,3-Dichloropropane	U		0.109	1.00	1	08/08/2021 05:46	WG1719388
cis-1,3-Dichloropropene	U		0.111	0.500	1	08/08/2021 05:46	WG1719388
trans-1,3-Dichloropropene	U		0.118	0.500	1	08/08/2021 05:46	WG1719388
2,2-Dichloropropane	U		0.161	0.500	1	08/08/2021 05:46	WG1719388
Di-isopropyl ether	U		0.105	0.500	1	08/08/2021 05:46	WG1719388
Ethylbenzene	U	J4	0.137	0.500	1	08/08/2021 05:46	WG1719388
Hexachloro-1,3-butadiene	U		0.337	1.00	1	08/08/2021 05:46	WG1719388
Isopropylbenzene	U		0.105	0.500	1	08/08/2021 05:46	WG1719388
p-Isopropyltoluene	U		0.120	0.500	1	08/08/2021 05:46	WG1719388
2-Butanone (MEK)	U	C3	1.19	5.00	1	08/08/2021 05:46	WG1719388
Methylene Chloride	U	J4	0.430	2.50	1	08/08/2021 05:46	WG1719388
4-Methyl-2-pentanone (MIBK)	U		0.478	5.00	1	08/08/2021 05:46	WG1719388
Methyl tert-butyl ether	U		0.101	0.500	1	08/08/2021 05:46	WG1719388
Naphthalene	U		0.174	2.50	1	08/08/2021 05:46	WG1719388
n-Propylbenzene	U		0.0993	0.500	1	08/08/2021 05:46	WG1719388
Styrene	U		0.118	0.500	1	08/08/2021 05:46	WG1719388
1,1,1,2-Tetrachloroethane	U		0.147	0.500	1	08/08/2021 05:46	WG1719388
1,1,2,2-Tetrachloroethane	U		0.133	0.500	1	08/08/2021 05:46	WG1719388
1,1,2-Trichlorotrifluoroethane	U		0.180	0.500	1	08/08/2021 05:46	WG1719388
Tetrachloroethene	U		0.300	0.500	1	08/08/2021 05:46	WG1719388
Toluene	U	J4	0.278	0.500	1	08/08/2021 05:46	WG1719388
1,2,3-Trichlorobenzene	U		0.164	0.500	1	08/08/2021 05:46	WG1719388

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	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,2,4-Trichlorobenzene	U		0.481	1.00	1	08/08/2021 05:46	WG1719388
1,1,1-Trichloroethane	U		0.149	0.500	1	08/08/2021 05:46	WG1719388
1,1,2-Trichloroethane	U		0.158	0.500	1	08/08/2021 05:46	WG1719388
Trichloroethene	U		0.190	0.500	1	08/08/2021 05:46	WG1719388
Trichlorofluoromethane	U		0.160	2.50	1	08/08/2021 05:46	WG1719388
1,2,3-Trichloropropane	U		0.237	2.50	1	08/08/2021 05:46	WG1719388
1,2,4-Trimethylbenzene	U		0.322	0.500	1	08/08/2021 05:46	WG1719388
1,2,3-Trimethylbenzene	U		0.104	0.500	1	08/08/2021 05:46	WG1719388
1,3,5-Trimethylbenzene	U		0.104	0.500	1	08/08/2021 05:46	WG1719388
Vinyl chloride	U	J4	0.234	0.500	1	08/08/2021 05:46	WG1719388
Xylenes, Total	U		0.174	1.50	1	08/08/2021 05:46	WG1719388
(S) Toluene-d8	105			80.0-120		08/08/2021 05:46	WG1719388
(S) 4-Bromofluorobenzene	95.6			77.0-126		08/08/2021 05:46	WG1719388
(S) 1,2-Dichloroethane-d4	100			70.0-130		08/08/2021 05:46	WG1719388

¹Cp²Tc³Ss⁴Cn⁵Sr⁶Qc⁷Gl⁸Al⁹Sc

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U	C3	11.3	25.0	1	08/08/2021 06:06	WG1719388
Acrolein	U	J4	2.54	50.0	1	08/08/2021 06:06	WG1719388
Acrylonitrile	U	C3	0.671	5.00	1	08/08/2021 06:06	WG1719388
Benzene	U		0.0941	0.500	1	08/08/2021 06:06	WG1719388
Bromobenzene	U		0.118	0.500	1	08/08/2021 06:06	WG1719388
Bromodichloromethane	U		0.136	0.500	1	08/08/2021 06:06	WG1719388
Bromoform	U		0.129	0.500	1	08/08/2021 06:06	WG1719388
Bromomethane	U		0.605	2.50	1	08/08/2021 06:06	WG1719388
n-Butylbenzene	U		0.157	0.500	1	08/08/2021 06:06	WG1719388
sec-Butylbenzene	U		0.125	0.500	1	08/08/2021 06:06	WG1719388
tert-Butylbenzene	U	J4	0.127	0.500	1	08/08/2021 06:06	WG1719388
Carbon disulfide	U		0.0962	0.500	1	08/08/2021 06:06	WG1719388
Carbon tetrachloride	U		0.128	0.500	1	08/08/2021 06:06	WG1719388
Chlorobenzene	U		0.117	0.500	1	08/08/2021 06:06	WG1719388
Chlorodibromomethane	U		0.140	0.500	1	08/08/2021 06:06	WG1719388
Chloroethane	U		0.192	2.50	1	08/08/2021 06:06	WG1719388
Chloroform	U		0.111	0.500	1	08/08/2021 06:06	WG1719388
Chloromethane	U		0.960	1.25	1	08/08/2021 06:06	WG1719388
2-Chlorotoluene	U		0.106	0.500	1	08/08/2021 06:06	WG1719388
4-Chlorotoluene	U		0.114	0.500	1	08/08/2021 06:06	WG1719388
1,2-Dibromo-3-Chloropropane	U	C3	0.276	2.50	1	08/08/2021 06:06	WG1719388
1,2-Dibromoethane	U		0.126	0.500	1	08/08/2021 06:06	WG1719388
Dibromomethane	U		0.122	0.500	1	08/08/2021 06:06	WG1719388
1,2-Dichlorobenzene	U		0.107	0.500	1	08/08/2021 06:06	WG1719388
1,3-Dichlorobenzene	U		0.299	0.500	1	08/08/2021 06:06	WG1719388
1,4-Dichlorobenzene	U		0.120	0.500	1	08/08/2021 06:06	WG1719388
Dichlorodifluoromethane	U		0.374	2.50	1	08/08/2021 06:06	WG1719388
1,1-Dichloroethane	U		0.100	0.500	1	08/08/2021 06:06	WG1719388
1,2-Dichloroethane	U		0.0819	0.500	1	08/08/2021 06:06	WG1719388
1,1-Dichloroethene	U		0.188	0.500	1	08/08/2021 06:06	WG1719388
cis-1,2-Dichloroethene	U	J4	0.126	0.500	1	08/08/2021 06:06	WG1719388
trans-1,2-Dichloroethene	U		0.149	0.500	1	08/08/2021 06:06	WG1719388
1,2-Dichloropropane	U		0.149	0.500	1	08/08/2021 06:06	WG1719388
1,1-Dichloropropene	U		0.142	0.500	1	08/08/2021 06:06	WG1719388
1,3-Dichloropropane	U		0.109	1.00	1	08/08/2021 06:06	WG1719388
cis-1,3-Dichloropropene	U		0.111	0.500	1	08/08/2021 06:06	WG1719388
trans-1,3-Dichloropropene	U		0.118	0.500	1	08/08/2021 06:06	WG1719388
2,2-Dichloropropane	U		0.161	0.500	1	08/08/2021 06:06	WG1719388
Di-isopropyl ether	U		0.105	0.500	1	08/08/2021 06:06	WG1719388
Ethylbenzene	U	J4	0.137	0.500	1	08/08/2021 06:06	WG1719388
Hexachloro-1,3-butadiene	U		0.337	1.00	1	08/08/2021 06:06	WG1719388
Isopropylbenzene	U		0.105	0.500	1	08/08/2021 06:06	WG1719388
p-Isopropyltoluene	U		0.120	0.500	1	08/08/2021 06:06	WG1719388
2-Butanone (MEK)	U	C3	1.19	5.00	1	08/08/2021 06:06	WG1719388
Methylene Chloride	U	J4	0.430	2.50	1	08/08/2021 06:06	WG1719388
4-Methyl-2-pentanone (MIBK)	U		0.478	5.00	1	08/08/2021 06:06	WG1719388
Methyl tert-butyl ether	U		0.101	0.500	1	08/08/2021 06:06	WG1719388
Naphthalene	U		0.174	2.50	1	08/08/2021 06:06	WG1719388
n-Propylbenzene	U		0.0993	0.500	1	08/08/2021 06:06	WG1719388
Styrene	U		0.118	0.500	1	08/08/2021 06:06	WG1719388
1,1,1,2-Tetrachloroethane	U		0.147	0.500	1	08/08/2021 06:06	WG1719388
1,1,2,2-Tetrachloroethane	U		0.133	0.500	1	08/08/2021 06:06	WG1719388
1,1,2-Trichlorotrifluoroethane	U		0.180	0.500	1	08/08/2021 06:06	WG1719388
Tetrachloroethene	U		0.300	0.500	1	08/08/2021 06:06	WG1719388
Toluene	U	J4	0.278	0.500	1	08/08/2021 06:06	WG1719388
1,2,3-Trichlorobenzene	U		0.164	0.500	1	08/08/2021 06:06	WG1719388

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	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,2,4-Trichlorobenzene	U		0.481	1.00	1	08/08/2021 06:06	WG1719388
1,1,1-Trichloroethane	U		0.149	0.500	1	08/08/2021 06:06	WG1719388
1,1,2-Trichloroethane	U		0.158	0.500	1	08/08/2021 06:06	WG1719388
Trichloroethene	U		0.190	0.500	1	08/08/2021 06:06	WG1719388
Trichlorofluoromethane	U		0.160	2.50	1	08/08/2021 06:06	WG1719388
1,2,3-Trichloropropane	U		0.237	2.50	1	08/08/2021 06:06	WG1719388
1,2,4-Trimethylbenzene	U		0.322	0.500	1	08/08/2021 06:06	WG1719388
1,2,3-Trimethylbenzene	U		0.104	0.500	1	08/08/2021 06:06	WG1719388
1,3,5-Trimethylbenzene	U		0.104	0.500	1	08/08/2021 06:06	WG1719388
Vinyl chloride	U	J4	0.234	0.500	1	08/08/2021 06:06	WG1719388
Xylenes, Total	U		0.174	1.50	1	08/08/2021 06:06	WG1719388
(S) Toluene-d8	101			80.0-120		08/08/2021 06:06	WG1719388
(S) 4-Bromofluorobenzene	95.2			77.0-126		08/08/2021 06:06	WG1719388
(S) 1,2-Dichloroethane-d4	101			70.0-130		08/08/2021 06:06	WG1719388

¹Cp²Tc³Ss⁴Cn⁵Sr⁶Qc⁷Gl⁸Al⁹Sc

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U	C3	11.3	25.0	1	08/08/2021 06:25	WG1719388
Acrolein	U	J4	2.54	50.0	1	08/08/2021 06:25	WG1719388
Acrylonitrile	U	C3	0.671	5.00	1	08/08/2021 06:25	WG1719388
Benzene	U		0.0941	0.500	1	08/08/2021 06:25	WG1719388
Bromobenzene	U		0.118	0.500	1	08/08/2021 06:25	WG1719388
Bromodichloromethane	U		0.136	0.500	1	08/08/2021 06:25	WG1719388
Bromoform	U		0.129	0.500	1	08/08/2021 06:25	WG1719388
Bromomethane	U		0.605	2.50	1	08/08/2021 06:25	WG1719388
n-Butylbenzene	U		0.157	0.500	1	08/08/2021 06:25	WG1719388
sec-Butylbenzene	U		0.125	0.500	1	08/08/2021 06:25	WG1719388
tert-Butylbenzene	U	J4	0.127	0.500	1	08/08/2021 06:25	WG1719388
Carbon disulfide	U		0.0962	0.500	1	08/08/2021 06:25	WG1719388
Carbon tetrachloride	U		0.128	0.500	1	08/08/2021 06:25	WG1719388
Chlorobenzene	U		0.117	0.500	1	08/08/2021 06:25	WG1719388
Chlorodibromomethane	U		0.140	0.500	1	08/08/2021 06:25	WG1719388
Chloroethane	U		0.192	2.50	1	08/08/2021 06:25	WG1719388
Chloroform	U		0.111	0.500	1	08/08/2021 06:25	WG1719388
Chloromethane	U		0.960	1.25	1	08/08/2021 06:25	WG1719388
2-Chlorotoluene	U		0.106	0.500	1	08/08/2021 06:25	WG1719388
4-Chlorotoluene	U		0.114	0.500	1	08/08/2021 06:25	WG1719388
1,2-Dibromo-3-Chloropropane	U	C3	0.276	2.50	1	08/08/2021 06:25	WG1719388
1,2-Dibromoethane	U		0.126	0.500	1	08/08/2021 06:25	WG1719388
Dibromomethane	U		0.122	0.500	1	08/08/2021 06:25	WG1719388
1,2-Dichlorobenzene	U		0.107	0.500	1	08/08/2021 06:25	WG1719388
1,3-Dichlorobenzene	U		0.299	0.500	1	08/08/2021 06:25	WG1719388
1,4-Dichlorobenzene	U		0.120	0.500	1	08/08/2021 06:25	WG1719388
Dichlorodifluoromethane	U		0.374	2.50	1	08/08/2021 06:25	WG1719388
1,1-Dichloroethane	U		0.100	0.500	1	08/08/2021 06:25	WG1719388
1,2-Dichloroethane	U		0.0819	0.500	1	08/08/2021 06:25	WG1719388
1,1-Dichloroethene	U		0.188	0.500	1	08/08/2021 06:25	WG1719388
cis-1,2-Dichloroethene	U	J4	0.126	0.500	1	08/08/2021 06:25	WG1719388
trans-1,2-Dichloroethene	U		0.149	0.500	1	08/08/2021 06:25	WG1719388
1,2-Dichloropropane	U		0.149	0.500	1	08/08/2021 06:25	WG1719388
1,1-Dichloropropene	U		0.142	0.500	1	08/08/2021 06:25	WG1719388
1,3-Dichloropropane	U		0.109	1.00	1	08/08/2021 06:25	WG1719388
cis-1,3-Dichloropropene	U		0.111	0.500	1	08/08/2021 06:25	WG1719388
trans-1,3-Dichloropropene	U		0.118	0.500	1	08/08/2021 06:25	WG1719388
2,2-Dichloropropane	U		0.161	0.500	1	08/08/2021 06:25	WG1719388
Di-isopropyl ether	U		0.105	0.500	1	08/08/2021 06:25	WG1719388
Ethylbenzene	U	J4	0.137	0.500	1	08/08/2021 06:25	WG1719388
Hexachloro-1,3-butadiene	U		0.337	1.00	1	08/08/2021 06:25	WG1719388
Isopropylbenzene	U		0.105	0.500	1	08/08/2021 06:25	WG1719388
p-Isopropyltoluene	U		0.120	0.500	1	08/08/2021 06:25	WG1719388
2-Butanone (MEK)	U	C3	1.19	5.00	1	08/08/2021 06:25	WG1719388
Methylene Chloride	U	J4	0.430	2.50	1	08/08/2021 06:25	WG1719388
4-Methyl-2-pentanone (MIBK)	U		0.478	5.00	1	08/08/2021 06:25	WG1719388
Methyl tert-butyl ether	U		0.101	0.500	1	08/08/2021 06:25	WG1719388
Naphthalene	U		0.174	2.50	1	08/08/2021 06:25	WG1719388
n-Propylbenzene	U		0.0993	0.500	1	08/08/2021 06:25	WG1719388
Styrene	U		0.118	0.500	1	08/08/2021 06:25	WG1719388
1,1,1,2-Tetrachloroethane	U		0.147	0.500	1	08/08/2021 06:25	WG1719388
1,1,2,2-Tetrachloroethane	U		0.133	0.500	1	08/08/2021 06:25	WG1719388
1,1,2-Trichlorotrifluoroethane	U		0.180	0.500	1	08/08/2021 06:25	WG1719388
Tetrachloroethene	U		0.300	0.500	1	08/08/2021 06:25	WG1719388
Toluene	U	J4	0.278	0.500	1	08/08/2021 06:25	WG1719388
1,2,3-Trichlorobenzene	U		0.164	0.500	1	08/08/2021 06:25	WG1719388

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

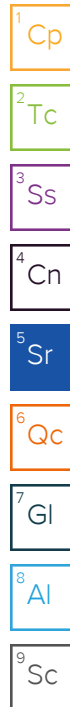
Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,2,4-Trichlorobenzene	U		0.481	1.00	1	08/08/2021 06:25	WG1719388
1,1,1-Trichloroethane	U		0.149	0.500	1	08/08/2021 06:25	WG1719388
1,1,2-Trichloroethane	U		0.158	0.500	1	08/08/2021 06:25	WG1719388
Trichloroethene	0.521		0.190	0.500	1	08/08/2021 06:25	WG1719388
Trichlorofluoromethane	U		0.160	2.50	1	08/08/2021 06:25	WG1719388
1,2,3-Trichloropropane	U		0.237	2.50	1	08/08/2021 06:25	WG1719388
1,2,4-Trimethylbenzene	U		0.322	0.500	1	08/08/2021 06:25	WG1719388
1,2,3-Trimethylbenzene	U		0.104	0.500	1	08/08/2021 06:25	WG1719388
1,3,5-Trimethylbenzene	U		0.104	0.500	1	08/08/2021 06:25	WG1719388
Vinyl chloride	U	J4	0.234	0.500	1	08/08/2021 06:25	WG1719388
Xylenes, Total	U		0.174	1.50	1	08/08/2021 06:25	WG1719388
(S) Toluene-d8	98.3			80.0-120		08/08/2021 06:25	WG1719388
(S) 4-Bromofluorobenzene	93.6			77.0-126		08/08/2021 06:25	WG1719388
(S) 1,2-Dichloroethane-d4	99.6			70.0-130		08/08/2021 06:25	WG1719388

¹Cp²Tc³Ss⁴Cn⁵Sr⁶Qc⁷Gl⁸Al⁹Sc

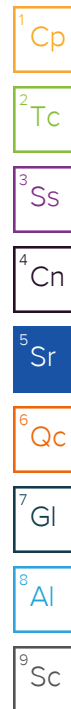
Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	U	C3	11.3	25.0	1	08/08/2021 06:44	WG1719388
Acrolein	U	J4	2.54	50.0	1	08/08/2021 06:44	WG1719388
Acrylonitrile	U	C3	0.671	5.00	1	08/08/2021 06:44	WG1719388
Benzene	U		0.0941	0.500	1	08/08/2021 06:44	WG1719388
Bromobenzene	U		0.118	0.500	1	08/08/2021 06:44	WG1719388
Bromodichloromethane	U		0.136	0.500	1	08/08/2021 06:44	WG1719388
Bromoform	U		0.129	0.500	1	08/08/2021 06:44	WG1719388
Bromomethane	U		0.605	2.50	1	08/08/2021 06:44	WG1719388
n-Butylbenzene	U		0.157	0.500	1	08/08/2021 06:44	WG1719388
sec-Butylbenzene	U		0.125	0.500	1	08/08/2021 06:44	WG1719388
tert-Butylbenzene	U	J4	0.127	0.500	1	08/08/2021 06:44	WG1719388
Carbon disulfide	U		0.0962	0.500	1	08/08/2021 06:44	WG1719388
Carbon tetrachloride	U		0.128	0.500	1	08/08/2021 06:44	WG1719388
Chlorobenzene	U		0.117	0.500	1	08/08/2021 06:44	WG1719388
Chlorodibromomethane	U		0.140	0.500	1	08/08/2021 06:44	WG1719388
Chloroethane	U		0.192	2.50	1	08/08/2021 06:44	WG1719388
Chloroform	U		0.111	0.500	1	08/08/2021 06:44	WG1719388
Chloromethane	U		0.960	1.25	1	08/08/2021 06:44	WG1719388
2-Chlorotoluene	U		0.106	0.500	1	08/08/2021 06:44	WG1719388
4-Chlorotoluene	U		0.114	0.500	1	08/08/2021 06:44	WG1719388
1,2-Dibromo-3-Chloropropane	U	C3	0.276	2.50	1	08/08/2021 06:44	WG1719388
1,2-Dibromoethane	U		0.126	0.500	1	08/08/2021 06:44	WG1719388
Dibromomethane	U		0.122	0.500	1	08/08/2021 06:44	WG1719388
1,2-Dichlorobenzene	U		0.107	0.500	1	08/08/2021 06:44	WG1719388
1,3-Dichlorobenzene	U		0.299	0.500	1	08/08/2021 06:44	WG1719388
1,4-Dichlorobenzene	U		0.120	0.500	1	08/08/2021 06:44	WG1719388
Dichlorodifluoromethane	U		0.374	2.50	1	08/08/2021 06:44	WG1719388
1,1-Dichloroethane	U		0.100	0.500	1	08/08/2021 06:44	WG1719388
1,2-Dichloroethane	U		0.0819	0.500	1	08/08/2021 06:44	WG1719388
1,1-Dichloroethene	U		0.188	0.500	1	08/08/2021 06:44	WG1719388
cis-1,2-Dichloroethene	U	J4	0.126	0.500	1	08/08/2021 06:44	WG1719388
trans-1,2-Dichloroethene	U		0.149	0.500	1	08/08/2021 06:44	WG1719388
1,2-Dichloropropane	U		0.149	0.500	1	08/08/2021 06:44	WG1719388
1,1-Dichloropropene	U		0.142	0.500	1	08/08/2021 06:44	WG1719388
1,3-Dichloropropane	U		0.109	1.00	1	08/08/2021 06:44	WG1719388
cis-1,3-Dichloropropene	U		0.111	0.500	1	08/08/2021 06:44	WG1719388
trans-1,3-Dichloropropene	U		0.118	0.500	1	08/08/2021 06:44	WG1719388
2,2-Dichloropropane	U		0.161	0.500	1	08/08/2021 06:44	WG1719388
Di-isopropyl ether	U		0.105	0.500	1	08/08/2021 06:44	WG1719388
Ethylbenzene	U	J4	0.137	0.500	1	08/08/2021 06:44	WG1719388
Hexachloro-1,3-butadiene	U		0.337	1.00	1	08/08/2021 06:44	WG1719388
Isopropylbenzene	U		0.105	0.500	1	08/08/2021 06:44	WG1719388
p-Isopropyltoluene	U		0.120	0.500	1	08/08/2021 06:44	WG1719388
2-Butanone (MEK)	U	C3	1.19	5.00	1	08/08/2021 06:44	WG1719388
Methylene Chloride	U	J4	0.430	2.50	1	08/08/2021 06:44	WG1719388
4-Methyl-2-pentanone (MIBK)	U		0.478	5.00	1	08/08/2021 06:44	WG1719388
Methyl tert-butyl ether	U		0.101	0.500	1	08/08/2021 06:44	WG1719388
Naphthalene	U		0.174	2.50	1	08/08/2021 06:44	WG1719388
n-Propylbenzene	U		0.0993	0.500	1	08/08/2021 06:44	WG1719388
Styrene	U		0.118	0.500	1	08/08/2021 06:44	WG1719388
1,1,1,2-Tetrachloroethane	U		0.147	0.500	1	08/08/2021 06:44	WG1719388
1,1,2,2-Tetrachloroethane	U		0.133	0.500	1	08/08/2021 06:44	WG1719388
1,1,2-Trichlorotrifluoroethane	U		0.180	0.500	1	08/08/2021 06:44	WG1719388
Tetrachloroethene	0.394	J	0.300	0.500	1	08/08/2021 06:44	WG1719388
Toluene	U	J4	0.278	0.500	1	08/08/2021 06:44	WG1719388
1,2,3-Trichlorobenzene	U		0.164	0.500	1	08/08/2021 06:44	WG1719388



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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,2,4-Trichlorobenzene	U		0.481	1.00	1	08/08/2021 06:44	WG1719388
1,1,1-Trichloroethane	U		0.149	0.500	1	08/08/2021 06:44	WG1719388
1,1,2-Trichloroethane	U		0.158	0.500	1	08/08/2021 06:44	WG1719388
Trichloroethene	8.67		0.190	0.500	1	08/08/2021 06:44	WG1719388
Trichlorofluoromethane	U		0.160	2.50	1	08/08/2021 06:44	WG1719388
1,2,3-Trichloropropane	U		0.237	2.50	1	08/08/2021 06:44	WG1719388
1,2,4-Trimethylbenzene	U		0.322	0.500	1	08/08/2021 06:44	WG1719388
1,2,3-Trimethylbenzene	U		0.104	0.500	1	08/08/2021 06:44	WG1719388
1,3,5-Trimethylbenzene	U		0.104	0.500	1	08/08/2021 06:44	WG1719388
Vinyl chloride	U	J4	0.234	0.500	1	08/08/2021 06:44	WG1719388
Xylenes, Total	U		0.174	1.50	1	08/08/2021 06:44	WG1719388
(S) Toluene-d8	102			80.0-120		08/08/2021 06:44	WG1719388
(S) 4-Bromofluorobenzene	96.8			77.0-126		08/08/2021 06:44	WG1719388
(S) 1,2-Dichloroethane-d4	104			70.0-130		08/08/2021 06:44	WG1719388



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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U	C3	11.3	25.0	1	08/08/2021 07:04	WG1719388
Acrolein	U	J4	2.54	50.0	1	08/08/2021 07:04	WG1719388
Acrylonitrile	U	C3	0.671	5.00	1	08/08/2021 07:04	WG1719388
Benzene	U		0.0941	0.500	1	08/08/2021 07:04	WG1719388
Bromobenzene	U		0.118	0.500	1	08/08/2021 07:04	WG1719388
Bromodichloromethane	U		0.136	0.500	1	08/08/2021 07:04	WG1719388
Bromoform	U		0.129	0.500	1	08/08/2021 07:04	WG1719388
Bromomethane	U		0.605	2.50	1	08/08/2021 07:04	WG1719388
n-Butylbenzene	U		0.157	0.500	1	08/08/2021 07:04	WG1719388
sec-Butylbenzene	U		0.125	0.500	1	08/08/2021 07:04	WG1719388
tert-Butylbenzene	U	J4	0.127	0.500	1	08/08/2021 07:04	WG1719388
Carbon disulfide	U		0.0962	0.500	1	08/08/2021 07:04	WG1719388
Carbon tetrachloride	U		0.128	0.500	1	08/08/2021 07:04	WG1719388
Chlorobenzene	U		0.117	0.500	1	08/08/2021 07:04	WG1719388
Chlorodibromomethane	U		0.140	0.500	1	08/08/2021 07:04	WG1719388
Chloroethane	U		0.192	2.50	1	08/08/2021 07:04	WG1719388
Chloroform	U		0.111	0.500	1	08/08/2021 07:04	WG1719388
Chloromethane	U		0.960	1.25	1	08/08/2021 07:04	WG1719388
2-Chlorotoluene	U		0.106	0.500	1	08/08/2021 07:04	WG1719388
4-Chlorotoluene	U		0.114	0.500	1	08/08/2021 07:04	WG1719388
1,2-Dibromo-3-Chloropropane	U	C3	0.276	2.50	1	08/08/2021 07:04	WG1719388
1,2-Dibromoethane	U		0.126	0.500	1	08/08/2021 07:04	WG1719388
Dibromomethane	U		0.122	0.500	1	08/08/2021 07:04	WG1719388
1,2-Dichlorobenzene	U		0.107	0.500	1	08/08/2021 07:04	WG1719388
1,3-Dichlorobenzene	U		0.299	0.500	1	08/08/2021 07:04	WG1719388
1,4-Dichlorobenzene	U		0.120	0.500	1	08/08/2021 07:04	WG1719388
Dichlorodifluoromethane	U		0.374	2.50	1	08/08/2021 07:04	WG1719388
1,1-Dichloroethane	U		0.100	0.500	1	08/08/2021 07:04	WG1719388
1,2-Dichloroethane	U		0.0819	0.500	1	08/08/2021 07:04	WG1719388
1,1-Dichloroethene	U		0.188	0.500	1	08/08/2021 07:04	WG1719388
cis-1,2-Dichloroethene	U	J4	0.126	0.500	1	08/08/2021 07:04	WG1719388
trans-1,2-Dichloroethene	U		0.149	0.500	1	08/08/2021 07:04	WG1719388
1,2-Dichloropropane	U		0.149	0.500	1	08/08/2021 07:04	WG1719388
1,1-Dichloropropene	U		0.142	0.500	1	08/08/2021 07:04	WG1719388
1,3-Dichloropropane	U		0.109	1.00	1	08/08/2021 07:04	WG1719388
cis-1,3-Dichloropropene	U		0.111	0.500	1	08/08/2021 07:04	WG1719388
trans-1,3-Dichloropropene	U		0.118	0.500	1	08/08/2021 07:04	WG1719388
2,2-Dichloropropane	U		0.161	0.500	1	08/08/2021 07:04	WG1719388
Di-isopropyl ether	U		0.105	0.500	1	08/08/2021 07:04	WG1719388
Ethylbenzene	U	J4	0.137	0.500	1	08/08/2021 07:04	WG1719388
Hexachloro-1,3-butadiene	U		0.337	1.00	1	08/08/2021 07:04	WG1719388
Isopropylbenzene	U		0.105	0.500	1	08/08/2021 07:04	WG1719388
p-Isopropyltoluene	U		0.120	0.500	1	08/08/2021 07:04	WG1719388
2-Butanone (MEK)	U	C3	1.19	5.00	1	08/08/2021 07:04	WG1719388
Methylene Chloride	U	J4	0.430	2.50	1	08/08/2021 07:04	WG1719388
4-Methyl-2-pentanone (MIBK)	U		0.478	5.00	1	08/08/2021 07:04	WG1719388
Methyl tert-butyl ether	U		0.101	0.500	1	08/08/2021 07:04	WG1719388
Naphthalene	U		0.174	2.50	1	08/08/2021 07:04	WG1719388
n-Propylbenzene	U		0.0993	0.500	1	08/08/2021 07:04	WG1719388
Styrene	U		0.118	0.500	1	08/08/2021 07:04	WG1719388
1,1,1,2-Tetrachloroethane	U		0.147	0.500	1	08/08/2021 07:04	WG1719388
1,1,2,2-Tetrachloroethane	U		0.133	0.500	1	08/08/2021 07:04	WG1719388
1,1,2-Trichlorotrifluoroethane	U		0.180	0.500	1	08/08/2021 07:04	WG1719388
Tetrachloroethene	0.435	J	0.300	0.500	1	08/08/2021 07:04	WG1719388
Toluene	U	J4	0.278	0.500	1	08/08/2021 07:04	WG1719388
1,2,3-Trichlorobenzene	U		0.164	0.500	1	08/08/2021 07:04	WG1719388

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

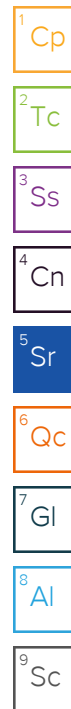
7 Gl

8 Al

9 Sc

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,2,4-Trichlorobenzene	U		0.481	1.00	1	08/08/2021 07:04	WG1719388
1,1,1-Trichloroethane	U		0.149	0.500	1	08/08/2021 07:04	WG1719388
1,1,2-Trichloroethane	U		0.158	0.500	1	08/08/2021 07:04	WG1719388
Trichloroethene	8.55		0.190	0.500	1	08/08/2021 07:04	WG1719388
Trichlorofluoromethane	U		0.160	2.50	1	08/08/2021 07:04	WG1719388
1,2,3-Trichloropropane	U		0.237	2.50	1	08/08/2021 07:04	WG1719388
1,2,4-Trimethylbenzene	U		0.322	0.500	1	08/08/2021 07:04	WG1719388
1,2,3-Trimethylbenzene	U		0.104	0.500	1	08/08/2021 07:04	WG1719388
1,3,5-Trimethylbenzene	U		0.104	0.500	1	08/08/2021 07:04	WG1719388
Vinyl chloride	U	J4	0.234	0.500	1	08/08/2021 07:04	WG1719388
Xylenes, Total	U		0.174	1.50	1	08/08/2021 07:04	WG1719388
(S) Toluene-d8	103			80.0-120		08/08/2021 07:04	WG1719388
(S) 4-Bromofluorobenzene	96.9			77.0-126		08/08/2021 07:04	WG1719388
(S) 1,2-Dichloroethane-d4	100			70.0-130		08/08/2021 07:04	WG1719388



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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	20.3	C3 J	11.3	25.0	1	08/08/2021 07:23	WG1719388
Acrolein	U	J4	2.54	50.0	1	08/08/2021 07:23	WG1719388
Acrylonitrile	U	C3	0.671	5.00	1	08/08/2021 07:23	WG1719388
Benzene	U		0.0941	0.500	1	08/08/2021 07:23	WG1719388
Bromobenzene	U		0.118	0.500	1	08/08/2021 07:23	WG1719388
Bromodichloromethane	U		0.136	0.500	1	08/08/2021 07:23	WG1719388
Bromoform	U		0.129	0.500	1	08/08/2021 07:23	WG1719388
Bromomethane	U		0.605	2.50	1	08/08/2021 07:23	WG1719388
n-Butylbenzene	U		0.157	0.500	1	08/08/2021 07:23	WG1719388
sec-Butylbenzene	U		0.125	0.500	1	08/08/2021 07:23	WG1719388
tert-Butylbenzene	U	J4	0.127	0.500	1	08/08/2021 07:23	WG1719388
Carbon disulfide	U		0.0962	0.500	1	08/08/2021 07:23	WG1719388
Carbon tetrachloride	U		0.128	0.500	1	08/08/2021 07:23	WG1719388
Chlorobenzene	U		0.117	0.500	1	08/08/2021 07:23	WG1719388
Chlorodibromomethane	U		0.140	0.500	1	08/08/2021 07:23	WG1719388
Chloroethane	U		0.192	2.50	1	08/08/2021 07:23	WG1719388
Chloroform	0.786		0.111	0.500	1	08/08/2021 07:23	WG1719388
Chloromethane	U		0.960	1.25	1	08/08/2021 07:23	WG1719388
2-Chlorotoluene	U		0.106	0.500	1	08/08/2021 07:23	WG1719388
4-Chlorotoluene	U		0.114	0.500	1	08/08/2021 07:23	WG1719388
1,2-Dibromo-3-Chloropropane	U	C3	0.276	2.50	1	08/08/2021 07:23	WG1719388
1,2-Dibromoethane	U		0.126	0.500	1	08/08/2021 07:23	WG1719388
Dibromomethane	U		0.122	0.500	1	08/08/2021 07:23	WG1719388
1,2-Dichlorobenzene	U		0.107	0.500	1	08/08/2021 07:23	WG1719388
1,3-Dichlorobenzene	U		0.299	0.500	1	08/08/2021 07:23	WG1719388
1,4-Dichlorobenzene	U		0.120	0.500	1	08/08/2021 07:23	WG1719388
Dichlorodifluoromethane	U		0.374	2.50	1	08/08/2021 07:23	WG1719388
1,1-Dichloroethane	U		0.100	0.500	1	08/08/2021 07:23	WG1719388
1,2-Dichloroethane	U		0.0819	0.500	1	08/08/2021 07:23	WG1719388
1,1-Dichloroethene	U		0.188	0.500	1	08/08/2021 07:23	WG1719388
cis-1,2-Dichloroethene	U	J4	0.126	0.500	1	08/08/2021 07:23	WG1719388
trans-1,2-Dichloroethene	U		0.149	0.500	1	08/08/2021 07:23	WG1719388
1,2-Dichloropropane	U		0.149	0.500	1	08/08/2021 07:23	WG1719388
1,1-Dichloropropene	U		0.142	0.500	1	08/08/2021 07:23	WG1719388
1,3-Dichloropropane	U		0.109	1.00	1	08/08/2021 07:23	WG1719388
cis-1,3-Dichloropropene	U		0.111	0.500	1	08/08/2021 07:23	WG1719388
trans-1,3-Dichloropropene	U		0.118	0.500	1	08/08/2021 07:23	WG1719388
2,2-Dichloropropane	U		0.161	0.500	1	08/08/2021 07:23	WG1719388
Di-isopropyl ether	U		0.105	0.500	1	08/08/2021 07:23	WG1719388
Ethylbenzene	U	J4	0.137	0.500	1	08/08/2021 07:23	WG1719388
Hexachloro-1,3-butadiene	U		0.337	1.00	1	08/08/2021 07:23	WG1719388
Isopropylbenzene	U		0.105	0.500	1	08/08/2021 07:23	WG1719388
p-Isopropyltoluene	U		0.120	0.500	1	08/08/2021 07:23	WG1719388
2-Butanone (MEK)	U	C3	1.19	5.00	1	08/08/2021 07:23	WG1719388
Methylene Chloride	U	J4	0.430	2.50	1	08/08/2021 07:23	WG1719388
4-Methyl-2-pentanone (MIBK)	U		0.478	5.00	1	08/08/2021 07:23	WG1719388
Methyl tert-butyl ether	U		0.101	0.500	1	08/08/2021 07:23	WG1719388
Naphthalene	U		0.174	2.50	1	08/08/2021 07:23	WG1719388
n-Propylbenzene	U		0.0993	0.500	1	08/08/2021 07:23	WG1719388
Styrene	U		0.118	0.500	1	08/08/2021 07:23	WG1719388
1,1,1,2-Tetrachloroethane	U		0.147	0.500	1	08/08/2021 07:23	WG1719388
1,1,2,2-Tetrachloroethane	U		0.133	0.500	1	08/08/2021 07:23	WG1719388
1,1,2-Trichlorotrifluoroethane	U		0.180	0.500	1	08/08/2021 07:23	WG1719388
Tetrachloroethene	U		0.300	0.500	1	08/08/2021 07:23	WG1719388
Toluene	U	J4	0.278	0.500	1	08/08/2021 07:23	WG1719388
1,2,3-Trichlorobenzene	U		0.164	0.500	1	08/08/2021 07:23	WG1719388

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

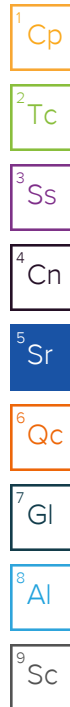
Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,2,4-Trichlorobenzene	U		0.481	1.00	1	08/08/2021 07:23	WG1719388
1,1,1-Trichloroethane	U		0.149	0.500	1	08/08/2021 07:23	WG1719388
1,1,2-Trichloroethane	U		0.158	0.500	1	08/08/2021 07:23	WG1719388
Trichloroethene	U		0.190	0.500	1	08/08/2021 07:23	WG1719388
Trichlorofluoromethane	U		0.160	2.50	1	08/08/2021 07:23	WG1719388
1,2,3-Trichloropropane	U		0.237	2.50	1	08/08/2021 07:23	WG1719388
1,2,4-Trimethylbenzene	U		0.322	0.500	1	08/08/2021 07:23	WG1719388
1,2,3-Trimethylbenzene	U		0.104	0.500	1	08/08/2021 07:23	WG1719388
1,3,5-Trimethylbenzene	U		0.104	0.500	1	08/08/2021 07:23	WG1719388
Vinyl chloride	U	J4	0.234	0.500	1	08/08/2021 07:23	WG1719388
Xylenes, Total	U		0.174	1.50	1	08/08/2021 07:23	WG1719388
(S) Toluene-d8	103			80.0-120		08/08/2021 07:23	WG1719388
(S) 4-Bromofluorobenzene	96.5			77.0-126		08/08/2021 07:23	WG1719388
(S) 1,2-Dichloroethane-d4	102			70.0-130		08/08/2021 07:23	WG1719388

¹Cp²Tc³Ss⁴Cn⁵Sr⁶Qc⁷Gl⁸Al⁹Sc

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U	C3	11.3	25.0	1	08/08/2021 07:42	WG1719388
Acrolein	U	J4	2.54	50.0	1	08/08/2021 07:42	WG1719388
Acrylonitrile	U	C3	0.671	5.00	1	08/08/2021 07:42	WG1719388
Benzene	U		0.0941	0.500	1	08/08/2021 07:42	WG1719388
Bromobenzene	U		0.118	0.500	1	08/08/2021 07:42	WG1719388
Bromodichloromethane	U		0.136	0.500	1	08/08/2021 07:42	WG1719388
Bromoform	U		0.129	0.500	1	08/08/2021 07:42	WG1719388
Bromomethane	U		0.605	2.50	1	08/08/2021 07:42	WG1719388
n-Butylbenzene	U		0.157	0.500	1	08/08/2021 07:42	WG1719388
sec-Butylbenzene	U		0.125	0.500	1	08/08/2021 07:42	WG1719388
tert-Butylbenzene	U	J4	0.127	0.500	1	08/08/2021 07:42	WG1719388
Carbon disulfide	U		0.0962	0.500	1	08/08/2021 07:42	WG1719388
Carbon tetrachloride	U		0.128	0.500	1	08/08/2021 07:42	WG1719388
Chlorobenzene	U		0.117	0.500	1	08/08/2021 07:42	WG1719388
Chlorodibromomethane	U		0.140	0.500	1	08/08/2021 07:42	WG1719388
Chloroethane	U		0.192	2.50	1	08/08/2021 07:42	WG1719388
Chloroform	U		0.111	0.500	1	08/08/2021 07:42	WG1719388
Chloromethane	U		0.960	1.25	1	08/08/2021 07:42	WG1719388
2-Chlorotoluene	U		0.106	0.500	1	08/08/2021 07:42	WG1719388
4-Chlorotoluene	U		0.114	0.500	1	08/08/2021 07:42	WG1719388
1,2-Dibromo-3-Chloropropane	U	C3	0.276	2.50	1	08/08/2021 07:42	WG1719388
1,2-Dibromoethane	U		0.126	0.500	1	08/08/2021 07:42	WG1719388
Dibromomethane	U		0.122	0.500	1	08/08/2021 07:42	WG1719388
1,2-Dichlorobenzene	U		0.107	0.500	1	08/08/2021 07:42	WG1719388
1,3-Dichlorobenzene	U		0.299	0.500	1	08/08/2021 07:42	WG1719388
1,4-Dichlorobenzene	U		0.120	0.500	1	08/08/2021 07:42	WG1719388
Dichlorodifluoromethane	U		0.374	2.50	1	08/08/2021 07:42	WG1719388
1,1-Dichloroethane	U		0.100	0.500	1	08/08/2021 07:42	WG1719388
1,2-Dichloroethane	U		0.0819	0.500	1	08/08/2021 07:42	WG1719388
1,1-Dichloroethene	U		0.188	0.500	1	08/08/2021 07:42	WG1719388
cis-1,2-Dichloroethene	U	J4	0.126	0.500	1	08/08/2021 07:42	WG1719388
trans-1,2-Dichloroethene	U		0.149	0.500	1	08/08/2021 07:42	WG1719388
1,2-Dichloropropane	U		0.149	0.500	1	08/08/2021 07:42	WG1719388
1,1-Dichloropropene	U		0.142	0.500	1	08/08/2021 07:42	WG1719388
1,3-Dichloropropane	U		0.109	1.00	1	08/08/2021 07:42	WG1719388
cis-1,3-Dichloropropene	U		0.111	0.500	1	08/08/2021 07:42	WG1719388
trans-1,3-Dichloropropene	U		0.118	0.500	1	08/08/2021 07:42	WG1719388
2,2-Dichloropropane	U		0.161	0.500	1	08/08/2021 07:42	WG1719388
Di-isopropyl ether	U		0.105	0.500	1	08/08/2021 07:42	WG1719388
Ethylbenzene	U	J4	0.137	0.500	1	08/08/2021 07:42	WG1719388
Hexachloro-1,3-butadiene	U		0.337	1.00	1	08/08/2021 07:42	WG1719388
Isopropylbenzene	U		0.105	0.500	1	08/08/2021 07:42	WG1719388
p-Isopropyltoluene	U		0.120	0.500	1	08/08/2021 07:42	WG1719388
2-Butanone (MEK)	2.07	C3 J	1.19	5.00	1	08/08/2021 07:42	WG1719388
Methylene Chloride	U	J4	0.430	2.50	1	08/08/2021 07:42	WG1719388
4-Methyl-2-pentanone (MIBK)	U		0.478	5.00	1	08/08/2021 07:42	WG1719388
Methyl tert-butyl ether	U		0.101	0.500	1	08/08/2021 07:42	WG1719388
Naphthalene	U		0.174	2.50	1	08/08/2021 07:42	WG1719388
n-Propylbenzene	U		0.0993	0.500	1	08/08/2021 07:42	WG1719388
Styrene	U		0.118	0.500	1	08/08/2021 07:42	WG1719388
1,1,1,2-Tetrachloroethane	U		0.147	0.500	1	08/08/2021 07:42	WG1719388
1,1,2,2-Tetrachloroethane	U		0.133	0.500	1	08/08/2021 07:42	WG1719388
1,1,2-Trichlorotrifluoroethane	U		0.180	0.500	1	08/08/2021 07:42	WG1719388
Tetrachloroethene	U		0.300	0.500	1	08/08/2021 07:42	WG1719388
Toluene	U	J4	0.278	0.500	1	08/08/2021 07:42	WG1719388
1,2,3-Trichlorobenzene	U		0.164	0.500	1	08/08/2021 07:42	WG1719388



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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,2,4-Trichlorobenzene	U		0.481	1.00	1	08/08/2021 07:42	WG1719388
1,1,1-Trichloroethane	U		0.149	0.500	1	08/08/2021 07:42	WG1719388
1,1,2-Trichloroethane	U		0.158	0.500	1	08/08/2021 07:42	WG1719388
Trichloroethene	0.326	J	0.190	0.500	1	08/08/2021 07:42	WG1719388
Trichlorofluoromethane	U		0.160	2.50	1	08/08/2021 07:42	WG1719388
1,2,3-Trichloropropane	U		0.237	2.50	1	08/08/2021 07:42	WG1719388
1,2,4-Trimethylbenzene	U		0.322	0.500	1	08/08/2021 07:42	WG1719388
1,2,3-Trimethylbenzene	U		0.104	0.500	1	08/08/2021 07:42	WG1719388
1,3,5-Trimethylbenzene	U		0.104	0.500	1	08/08/2021 07:42	WG1719388
Vinyl chloride	U	J4	0.234	0.500	1	08/08/2021 07:42	WG1719388
Xylenes, Total	U		0.174	1.50	1	08/08/2021 07:42	WG1719388
(S) Toluene-d8	100			80.0-120		08/08/2021 07:42	WG1719388
(S) 4-Bromofluorobenzene	93.4			77.0-126		08/08/2021 07:42	WG1719388
(S) 1,2-Dichloroethane-d4	102			70.0-130		08/08/2021 07:42	WG1719388

¹Cp²Tc³Ss⁴Cn⁵Sr⁶Qc⁷Gl⁸Al⁹Sc

Method Blank (MB)

(MB) R3690721-3 08/08/21 22:48

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) R3690721-3 08/08/21 22:48

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Hexachloro-1,3-butadiene	U		0.337	1.00
Isopropylbenzene	U		0.105	0.500
p-Isopropyltoluene	U		0.120	0.500
2-Butanone (MEK)	U		1.19	5.00
Methylene Chloride	U		0.430	2.50
4-Methyl-2-pentanone (MIBK)	U		0.478	5.00
Methyl tert-butyl ether	U		0.101	0.500
Naphthalene	U		0.174	2.50
n-Propylbenzene	U		0.0993	0.500
Styrene	U		0.118	0.500
1,1,1,2-Tetrachloroethane	U		0.147	0.500
1,1,2,2-Tetrachloroethane	U		0.133	0.500
Tetrachloroethene	U		0.300	0.500
Toluene	U		0.278	0.500
1,1,2-Trichlorotrifluoroethane	U		0.180	0.500
1,2,3-Trichlorobenzene	U		0.164	0.500
1,2,4-Trichlorobenzene	U		0.481	1.00
1,1,1-Trichloroethane	U		0.149	0.500
1,1,2-Trichloroethane	U		0.158	0.500
Trichloroethene	U		0.190	0.500
Trichlorofluoromethane	U		0.160	2.50
1,2,3-Trichloropropane	U		0.237	2.50
1,2,3-Trimethylbenzene	U		0.104	0.500
1,2,4-Trimethylbenzene	U		0.322	0.500
1,3,5-Trimethylbenzene	U		0.104	0.500
Vinyl chloride	U		0.234	0.500
Xylenes, Total	U		0.174	1.50
(S) Toluene-d8	108			80.0-120
(S) 4-Bromofluorobenzene	91.3			77.0-126
(S) 1,2-Dichloroethane-d4	113			70.0-130

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

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

(LCS) R3690721-1 08/08/21 21:25 • (LCSD) R3690721-2 08/08/21 21:46

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	20.4	23.5	81.6	94.0	19.0-160			14.1	27
Acrolein	25.0	25.0	26.1	100	104	10.0-160			4.31	26
Acrylonitrile	25.0	21.3	22.3	85.2	89.2	55.0-149			4.59	20

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

(LCS) R3690721-1 08/08/21 21:25 • (LCSD) R3690721-2 08/08/21 21:46

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	<u>LCS Qualifier</u>	<u>LCSD Qualifier</u>	RPD %	RPD Limits %
Benzene	5.00	4.64	4.73	92.8	94.6	70.0-123			1.92	20
Bromobenzene	5.00	5.45	5.97	109	119	73.0-121			9.11	20
Bromodichloromethane	5.00	5.05	5.15	101	103	75.0-120			1.96	20
Bromoform	5.00	4.73	5.15	94.6	103	68.0-132			8.50	20
Bromomethane	5.00	4.69	5.01	93.8	100	10.0-160			6.60	25
n-Butylbenzene	5.00	3.81	4.30	76.2	86.0	73.0-125			12.1	20
sec-Butylbenzene	5.00	4.45	4.81	89.0	96.2	75.0-125			7.78	20
tert-Butylbenzene	5.00	4.49	5.07	89.8	101	76.0-124			12.1	20
Carbon disulfide	5.00	3.72	4.06	74.4	81.2	61.0-128			8.74	20
Carbon tetrachloride	5.00	5.09	5.06	102	101	68.0-126			0.591	20
Chlorobenzene	5.00	4.94	4.98	98.8	99.6	80.0-121			0.806	20
Chlorodibromomethane	5.00	5.31	5.10	106	102	77.0-125			4.03	20
Chloroethane	5.00	4.47	4.45	89.4	89.0	47.0-150			0.448	20
Chloroform	5.00	5.08	5.38	102	108	73.0-120			5.74	20
Chloromethane	5.00	3.32	3.36	66.4	67.2	41.0-142			1.20	20
2-Chlorotoluene	5.00	5.14	5.64	103	113	76.0-123			9.28	20
4-Chlorotoluene	5.00	4.84	5.30	96.8	106	75.0-122			9.07	20
1,2-Dibromo-3-Chloropropane	5.00	3.82	5.10	76.4	102	58.0-134		J3	28.7	20
1,2-Dibromoethane	5.00	4.91	5.18	98.2	104	80.0-122			5.35	20
Dibromomethane	5.00	5.03	5.05	101	101	80.0-120			0.397	20
1,2-Dichlorobenzene	5.00	4.34	5.11	86.8	102	79.0-121			16.3	20
1,3-Dichlorobenzene	5.00	4.67	5.06	93.4	101	79.0-120			8.02	20
1,4-Dichlorobenzene	5.00	4.61	5.22	92.2	104	79.0-120			12.4	20
Dichlorodifluoromethane	5.00	4.03	4.26	80.6	85.2	51.0-149			5.55	20
1,1-Dichloroethane	5.00	4.33	4.43	86.6	88.6	70.0-126			2.28	20
1,2-Dichloroethane	5.00	5.41	5.57	108	111	70.0-128			2.91	20
1,1-Dichloroethene	5.00	3.93	4.21	78.6	84.2	71.0-124			6.88	20
cis-1,2-Dichloroethene	5.00	4.55	4.55	91.0	91.0	73.0-120			0.000	20
trans-1,2-Dichloroethene	5.00	4.25	4.10	85.0	82.0	73.0-120			3.59	20
1,2-Dichloropropane	5.00	4.96	4.95	99.2	99.0	77.0-125			0.202	20
1,1-Dichloropropene	5.00	4.93	5.04	98.6	101	74.0-126			2.21	20
1,3-Dichloropropane	5.00	5.51	5.38	110	108	80.0-120			2.39	20
cis-1,3-Dichloropropene	5.00	5.21	5.29	104	106	80.0-123			1.52	20
trans-1,3-Dichloropropene	5.00	5.49	5.26	110	105	78.0-124			4.28	20
2,2-Dichloropropane	5.00	4.88	5.28	97.6	106	58.0-130			7.87	20
Di-isopropyl ether	5.00	4.23	4.21	84.6	84.2	58.0-138			0.474	20
Ethylbenzene	5.00	4.98	5.17	99.6	103	79.0-123			3.74	20
Hexachloro-1,3-butadiene	5.00	6.09	7.00	122	140	54.0-138		J4	13.9	20
Isopropylbenzene	5.00	4.26	4.44	85.2	88.8	76.0-127			4.14	20
p-Isopropyltoluene	5.00	3.98	4.38	79.6	87.6	76.0-125			9.57	20

1

Cp

2

Tc

3

Ss

4

Cn

5

Sr

6

Qc

7

Gl

8

Al

9

Sc

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

(LCS) R3690721-1 08/08/21 21:25 • (LCSD) R3690721-2 08/08/21 21:46

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	<u>LCS Qualifier</u>	<u>LCSD Qualifier</u>	RPD %	RPD Limits %
2-Butanone (MEK)	25.0	22.4	24.0	89.6	96.0	44.0-160			6.90	20
Methylene Chloride	5.00	4.53	4.71	90.6	94.2	67.0-120			3.90	20
4-Methyl-2-pentanone (MIBK)	25.0	23.3	23.4	93.2	93.6	68.0-142			0.428	20
Methyl tert-butyl ether	5.00	4.64	4.83	92.8	96.6	68.0-125			4.01	20
Naphthalene	5.00	3.92	5.20	78.4	104	54.0-135		J3	28.1	20
n-Propylbenzene	5.00	4.84	5.17	96.8	103	77.0-124			6.59	20
Styrene	5.00	4.49	4.65	89.8	93.0	73.0-130			3.50	20
1,1,1,2-Tetrachloroethane	5.00	5.21	5.19	104	104	75.0-125			0.385	20
1,1,2,2-Tetrachloroethane	5.00	4.97	5.36	99.4	107	65.0-130			7.55	20
Tetrachloroethene	5.00	4.88	5.17	97.6	103	72.0-132			5.77	20
Toluene	5.00	4.91	4.95	98.2	99.0	79.0-120			0.811	20
1,1,2-Trichlorotrifluoroethane	5.00	4.43	4.54	88.6	90.8	69.0-132			2.45	20
1,2,3-Trichlorobenzene	5.00	2.62	4.20	52.4	84.0	50.0-138		J3	46.3	20
1,2,4-Trichlorobenzene	5.00	4.31	4.95	86.2	99.0	57.0-137			13.8	20
1,1,1-Trichloroethane	5.00	5.06	5.12	101	102	73.0-124			1.18	20
1,1,2-Trichloroethane	5.00	4.89	4.98	97.8	99.6	80.0-120			1.82	20
Trichloroethene	5.00	5.03	5.15	101	103	78.0-124			2.36	20
Trichlorofluoromethane	5.00	4.43	4.83	88.6	96.6	59.0-147			8.64	20
1,2,3-Trichloropropane	5.00	5.80	5.92	116	118	73.0-130			2.05	20
1,2,3-Trimethylbenzene	5.00	4.01	4.64	80.2	92.8	77.0-120			14.6	20
1,2,4-Trimethylbenzene	5.00	4.41	4.64	88.2	92.8	76.0-121			5.08	20
1,3,5-Trimethylbenzene	5.00	4.69	5.00	93.8	100	76.0-122			6.40	20
Vinyl chloride	5.00	3.57	3.79	71.4	75.8	67.0-131			5.98	20
Xylenes, Total	15.0	13.9	14.2	92.7	94.7	79.0-123			2.14	20
(S) Toluene-d8				105	103	80.0-120				
(S) 4-Bromofluorobenzene				93.0	94.2	77.0-126				
(S) 1,2-Dichloroethane-d4				112	109	70.0-130				

Cp

Tc

Ss

Cn

Sr

Qc

Gl

Al

Sc

Method Blank (MB)

(MB) R3692630-3 08/08/21 00:37

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) R3692630-3 08/08/21 00:37

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Hexachloro-1,3-butadiene	U		0.337	1.00
Isopropylbenzene	U		0.105	0.500
p-Isopropyltoluene	U		0.120	0.500
2-Butanone (MEK)	U		1.19	5.00
Methylene Chloride	U		0.430	2.50
4-Methyl-2-pentanone (MIBK)	U		0.478	5.00
Methyl tert-butyl ether	U		0.101	0.500
Naphthalene	U		0.174	2.50
n-Propylbenzene	U		0.0993	0.500
Styrene	U		0.118	0.500
1,1,1,2-Tetrachloroethane	U		0.147	0.500
1,1,2,2-Tetrachloroethane	U		0.133	0.500
1,1,2-Trichlorotrifluoroethane	U		0.180	0.500
Tetrachloroethene	U		0.300	0.500
Toluene	U		0.278	0.500
1,2,3-Trichlorobenzene	U		0.164	0.500
1,2,4-Trichlorobenzene	U		0.481	1.00
1,1,1-Trichloroethane	U		0.149	0.500
1,1,2-Trichloroethane	U		0.158	0.500
Trichloroethene	U		0.190	0.500
Trichlorofluoromethane	U		0.160	2.50
1,2,3-Trichloropropane	U		0.237	2.50
1,2,4-Trimethylbenzene	U		0.322	0.500
1,2,3-Trimethylbenzene	U		0.104	0.500
1,3,5-Trimethylbenzene	U		0.104	0.500
Vinyl chloride	U		0.234	0.500
Xylenes, Total	U		0.174	1.50
(S) Toluene-d8	107			80.0-120
(S) 4-Bromofluorobenzene	98.6			77.0-126
(S) 1,2-Dichloroethane-d4	80.3			70.0-130

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

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

(LCS) R3692630-1 08/07/21 23:58 • (LCSD) R3692630-2 08/08/21 00:18

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	17.5	19.2	70.0	76.8	19.0-160			9.26	27
Acrolein	25.0	54.8	59.2	219	237	10.0-160	J4	J4	7.72	26
Acrylonitrile	25.0	19.3	21.6	77.2	86.4	55.0-149			11.2	20

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

(LCS) R3692630-1 08/07/21 23:58 • (LCSD) R3692630-2 08/08/21 00:18

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	<u>LCS Qualifier</u>	<u>LCSD Qualifier</u>	RPD %	RPD Limits %
Benzene	5.00	5.68	5.80	114	116	70.0-123			2.09	20
Bromobenzene	5.00	5.34	5.73	107	115	73.0-121			7.05	20
Bromodichloromethane	5.00	4.85	5.40	97.0	108	75.0-120			10.7	20
Bromoform	5.00	4.33	4.69	86.6	93.8	68.0-132			7.98	20
Bromomethane	5.00	5.51	5.96	110	119	10.0-160			7.85	25
n-Butylbenzene	5.00	5.33	5.87	107	117	73.0-125			9.64	20
sec-Butylbenzene	5.00	5.64	6.03	113	121	75.0-125			6.68	20
tert-Butylbenzene	5.00	5.75	6.25	115	125	76.0-124		J4	8.33	20
Carbon disulfide	5.00	5.55	6.14	111	123	61.0-128			10.1	20
Carbon tetrachloride	5.00	4.90	5.23	98.0	105	68.0-126			6.52	20
Chlorobenzene	5.00	5.56	5.83	111	117	80.0-121			4.74	20
Chlorodibromomethane	5.00	5.17	5.65	103	113	77.0-125			8.87	20
Chloroethane	5.00	5.84	6.26	117	125	47.0-150			6.94	20
Chloroform	5.00	5.19	5.64	104	113	73.0-120			8.31	20
Chloromethane	5.00	5.19	5.40	104	108	41.0-142			3.97	20
2-Chlorotoluene	5.00	5.90	6.07	118	121	76.0-123			2.84	20
4-Chlorotoluene	5.00	5.62	5.96	112	119	75.0-122			5.87	20
1,2-Dibromo-3-Chloropropane	5.00	3.88	4.08	77.6	81.6	58.0-134			5.03	20
1,2-Dibromoethane	5.00	5.34	5.30	107	106	80.0-122			0.752	20
Dibromomethane	5.00	4.82	5.33	96.4	107	80.0-120			10.0	20
1,2-Dichlorobenzene	5.00	5.33	5.67	107	113	79.0-121			6.18	20
1,3-Dichlorobenzene	5.00	5.51	5.77	110	115	79.0-120			4.61	20
1,4-Dichlorobenzene	5.00	5.30	5.67	106	113	79.0-120			6.75	20
Dichlorodifluoromethane	5.00	5.30	5.72	106	114	51.0-149			7.62	20
1,1-Dichloroethane	5.00	5.22	5.66	104	113	70.0-126			8.09	20
1,2-Dichloroethane	5.00	4.51	4.75	90.2	95.0	70.0-128			5.18	20
1,1-Dichloroethene	5.00	5.20	5.54	104	111	71.0-124			6.33	20
cis-1,2-Dichloroethene	5.00	5.38	6.19	108	124	73.0-120		J4	14.0	20
trans-1,2-Dichloroethene	5.00	5.57	5.98	111	120	73.0-120			7.10	20
1,2-Dichloropropane	5.00	5.80	5.99	116	120	77.0-125			3.22	20
1,1-Dichloropropene	5.00	5.53	5.90	111	118	74.0-126			6.47	20
1,3-Dichloropropane	5.00	5.28	5.50	106	110	80.0-120			4.08	20
cis-1,3-Dichloropropene	5.00	5.42	5.90	108	118	80.0-123			8.48	20
trans-1,3-Dichloropropene	5.00	5.20	5.54	104	111	78.0-124			6.33	20
2,2-Dichloropropane	5.00	4.52	4.93	90.4	98.6	58.0-130			8.68	20
Di-isopropyl ether	5.00	4.78	5.10	95.6	102	58.0-138			6.48	20
Ethylbenzene	5.00	5.67	6.19	113	124	79.0-123		J4	8.77	20
Hexachloro-1,3-butadiene	5.00	4.73	5.13	94.6	103	54.0-138			8.11	20
Isopropylbenzene	5.00	5.79	6.12	116	122	76.0-127			5.54	20
p-Isopropyltoluene	5.00	5.53	5.90	111	118	76.0-125			6.47	20

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

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

(LCS) R3692630-1 08/07/21 23:58 • (LCSD) R3692630-2 08/08/21 00:18

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	<u>LCS Qualifier</u>	<u>LCSD Qualifier</u>	RPD %	RPD Limits %
2-Butanone (MEK)	25.0	18.9	20.6	75.6	82.4	44.0-160			8.61	20
Methylene Chloride	5.00	5.34	6.07	107	121	67.0-120		J4	12.8	20
4-Methyl-2-pentanone (MIBK)	25.0	20.9	22.0	83.6	88.0	68.0-142			5.13	20
Methyl tert-butyl ether	5.00	4.76	4.93	95.2	98.6	68.0-125			3.51	20
Naphthalene	5.00	4.01	4.42	80.2	88.4	54.0-135			9.73	20
n-Propylbenzene	5.00	5.70	5.97	114	119	77.0-124			4.63	20
Styrene	5.00	5.44	5.91	109	118	73.0-130			8.28	20
1,1,1,2-Tetrachloroethane	5.00	5.31	5.65	106	113	75.0-125			6.20	20
1,1,2,2-Tetrachloroethane	5.00	4.70	5.04	94.0	101	65.0-130			6.98	20
1,1,2-Trichlorotrifluoroethane	5.00	5.24	5.68	105	114	69.0-132			8.06	20
Tetrachloroethene	5.00	5.73	5.89	115	118	72.0-132			2.75	20
Toluene	5.00	5.89	6.08	118	122	79.0-120		J4	3.17	20
1,2,3-Trichlorobenzene	5.00	4.45	4.92	89.0	98.4	50.0-138			10.0	20
1,2,4-Trichlorobenzene	5.00	4.77	5.31	95.4	106	57.0-137			10.7	20
1,1,1-Trichloroethane	5.00	5.07	5.49	101	110	73.0-124			7.95	20
1,1,2-Trichloroethane	5.00	5.38	5.68	108	114	80.0-120			5.42	20
Trichloroethene	5.00	5.59	6.19	112	124	78.0-124			10.2	20
Trichlorofluoromethane	5.00	5.23	5.38	105	108	59.0-147			2.83	20
1,2,3-Trichloropropane	5.00	4.92	4.99	98.4	99.8	73.0-130			1.41	20
1,2,4-Trimethylbenzene	5.00	5.55	6.02	111	120	76.0-121			8.12	20
1,2,3-Trimethylbenzene	5.00	5.17	5.57	103	111	77.0-120			7.45	20
1,3,5-Trimethylbenzene	5.00	5.76	6.04	115	121	76.0-122			4.75	20
Vinyl chloride	5.00	6.32	6.62	126	132	67.0-131		J4	4.64	20
Xylenes, Total	15.0	17.5	18.4	117	123	79.0-123			5.01	20
(S) Toluene-d8				108	105	80.0-120				
(S) 4-Bromofluorobenzene				95.6	96.1	77.0-126				
(S) 1,2-Dichloroethane-d4				82.5	82.9	70.0-130				

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R3693294-2 08/16/21 19:47

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
cis-1,2-Dichloroethene	U		0.126	0.500
(S) Toluene-d8	99.8			80.0-120
(S) 4-Bromofluorobenzene	90.4			77.0-126
(S) 1,2-Dichloroethane-d4	87.3			70.0-130

Laboratory Control Sample (LCS)

(LCS) R3693294-1 08/16/21 19:06

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
cis-1,2-Dichloroethene	5.00	4.60	92.0	73.0-120	
(S) Toluene-d8			99.1	80.0-120	
(S) 4-Bromofluorobenzene			95.2	77.0-126	
(S) 1,2-Dichloroethane-d4			91.3	70.0-130	

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Method Blank (MB)

(MB) R3692981-4 08/17/21 11:07

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) R3692981-4 08/17/21 11:07

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Hexachloro-1,3-butadiene	U		0.337	1.00
Isopropylbenzene	U		0.105	0.500
p-Isopropyltoluene	U		0.120	0.500
2-Butanone (MEK)	U		1.19	5.00
Methylene Chloride	U		0.430	2.50
4-Methyl-2-pentanone (MIBK)	U		0.478	5.00
Methyl tert-butyl ether	U		0.101	0.500
Naphthalene	U		0.174	2.50
n-Propylbenzene	U		0.0993	0.500
Styrene	U		0.118	0.500
1,1,1,2-Tetrachloroethane	U		0.147	0.500
1,1,2,2-Tetrachloroethane	U		0.133	0.500
1,1,2-Trichlorotrifluoroethane	U		0.180	0.500
Tetrachloroethene	U		0.300	0.500
Toluene	U		0.278	0.500
1,2,3-Trichlorobenzene	0.271	U	0.164	0.500
1,2,4-Trichlorobenzene	U		0.481	1.00
1,1,1-Trichloroethane	U		0.149	0.500
1,1,2-Trichloroethane	U		0.158	0.500
Trichloroethene	U		0.190	0.500
Trichlorofluoromethane	U		0.160	2.50
1,2,3-Trichloropropane	U		0.237	2.50
1,2,4-Trimethylbenzene	U		0.322	0.500
1,2,3-Trimethylbenzene	U		0.104	0.500
1,3,5-Trimethylbenzene	U		0.104	0.500
Vinyl chloride	U		0.234	0.500
Xylenes, Total	U		0.174	1.50
(S) Toluene-d8	106			80.0-120
(S) 4-Bromofluorobenzene	114			77.0-126
(S) 1,2-Dichloroethane-d4	96.8			70.0-130

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

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

(LCS) R3692981-1 08/17/21 09:46 • (LCSD) R3692981-2 08/17/21 10:06

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	25.0	24.7	25.9	98.8	104	19.0-160			4.74	27
Acrolein	25.0	14.1	15.5	56.4	62.0	10.0-160			9.46	26
Acrylonitrile	25.0	28.4	29.1	114	116	55.0-149			2.43	20

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

(LCS) R3692981-1 08/17/21 09:46 • (LCSD) R3692981-2 08/17/21 10:06

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	<u>LCS Qualifier</u>	<u>LCSD Qualifier</u>	RPD %	RPD Limits %
Benzene	5.00	5.33	5.28	107	106	70.0-123			0.943	20
Bromobenzene	5.00	4.42	4.60	88.4	92.0	73.0-121			3.99	20
Bromodichloromethane	5.00	5.80	5.95	116	119	75.0-120			2.55	20
Bromoform	5.00	5.75	5.61	115	112	68.0-132			2.46	20
Bromomethane	5.00	3.34	3.47	66.8	69.4	10.0-160			3.82	25
n-Butylbenzene	5.00	4.63	5.14	92.6	103	73.0-125			10.4	20
sec-Butylbenzene	5.00	4.78	5.10	95.6	102	75.0-125			6.48	20
tert-Butylbenzene	5.00	4.95	5.27	99.0	105	76.0-124			6.26	20
Carbon disulfide	5.00	5.25	5.47	105	109	61.0-128			4.10	20
Carbon tetrachloride	5.00	6.03	6.10	121	122	68.0-126			1.15	20
Chlorobenzene	5.00	5.28	5.31	106	106	80.0-121			0.567	20
Chlorodibromomethane	5.00	5.69	5.75	114	115	77.0-125			1.05	20
Chloroethane	5.00	3.93	3.95	78.6	79.0	47.0-150			0.508	20
Chloroform	5.00	5.24	5.31	105	106	73.0-120			1.33	20
Chloromethane	5.00	4.82	4.92	96.4	98.4	41.0-142			2.05	20
2-Chlorotoluene	5.00	4.53	4.67	90.6	93.4	76.0-123			3.04	20
4-Chlorotoluene	5.00	4.73	4.88	94.6	97.6	75.0-122			3.12	20
1,2-Dibromo-3-Chloropropane	5.00	5.42	5.65	108	113	58.0-134			4.16	20
1,2-Dibromoethane	5.00	5.51	5.96	110	119	80.0-122			7.85	20
Dibromomethane	5.00	5.63	5.77	113	115	80.0-120			2.46	20
1,2-Dichlorobenzene	5.00	4.95	5.31	99.0	106	79.0-121			7.02	20
1,3-Dichlorobenzene	5.00	4.75	4.99	95.0	99.8	79.0-120			4.93	20
1,4-Dichlorobenzene	5.00	4.59	4.83	91.8	96.6	79.0-120			5.10	20
Dichlorodifluoromethane	5.00	6.04	5.79	121	116	51.0-149			4.23	20
1,1-Dichloroethane	5.00	5.27	5.35	105	107	70.0-126			1.51	20
1,2-Dichloroethane	5.00	5.21	5.38	104	108	70.0-128			3.21	20
1,1-Dichloroethene	5.00	5.63	5.71	113	114	71.0-124			1.41	20
cis-1,2-Dichloroethene	5.00	5.68	5.89	114	118	73.0-120			3.63	20
trans-1,2-Dichloroethene	5.00	5.25	5.47	105	109	73.0-120			4.10	20
1,2-Dichloropropane	5.00	5.67	5.84	113	117	77.0-125			2.95	20
1,1-Dichloropropene	5.00	5.83	6.04	117	121	74.0-126			3.54	20
1,3-Dichloropropane	5.00	5.62	5.63	112	113	80.0-120			0.178	20
cis-1,3-Dichloropropene	5.00	6.09	6.26	122	125	80.0-123		J4	2.75	20
trans-1,3-Dichloropropene	5.00	5.25	5.33	105	107	78.0-124			1.51	20
2,2-Dichloropropane	5.00	5.84	5.99	117	120	58.0-130			2.54	20
Di-isopropyl ether	5.00	5.21	5.34	104	107	58.0-138			2.46	20
Ethylbenzene	5.00	5.16	5.18	103	104	79.0-123			0.387	20
Hexachloro-1,3-butadiene	5.00	6.04	6.71	121	134	54.0-138			10.5	20
Isopropylbenzene	5.00	5.32	5.51	106	110	76.0-127			3.51	20
p-Isopropyltoluene	5.00	4.83	5.22	96.6	104	76.0-125			7.76	20

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

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

(LCS) R3692981-1 08/17/21 09:46 • (LCSD) R3692981-2 08/17/21 10:06

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
2-Butanone (MEK)	25.0	26.9	29.5	108	118	44.0-160			9.22	20
Methylene Chloride	5.00	3.93	3.93	78.6	78.6	67.0-120			0.000	20
4-Methyl-2-pentanone (MIBK)	25.0	25.2	26.0	101	104	68.0-142			3.13	20
Methyl tert-butyl ether	5.00	4.95	5.07	99.0	101	68.0-125			2.40	20
Naphthalene	5.00	4.38	5.34	87.6	107	54.0-135			19.8	20
n-Propylbenzene	5.00	4.44	4.69	88.8	93.8	77.0-124			5.48	20
Styrene	5.00	5.17	5.22	103	104	73.0-130			0.962	20
1,1,1,2-Tetrachloroethane	5.00	5.38	5.34	108	107	75.0-125			0.746	20
1,1,2,2-Tetrachloroethane	5.00	4.60	4.58	92.0	91.6	65.0-130			0.436	20
1,1,2-Trichlorotrifluoroethane	5.00	5.40	5.44	108	109	69.0-132			0.738	20
Tetrachloroethene	5.00	5.75	5.90	115	118	72.0-132			2.58	20
Toluene	5.00	5.19	5.44	104	109	79.0-120			4.70	20
1,2,3-Trichlorobenzene	5.00	5.31	6.36	106	127	50.0-138			18.0	20
1,2,4-Trichlorobenzene	5.00	5.12	6.03	102	121	57.0-137			16.3	20
1,1,1-Trichloroethane	5.00	5.97	6.02	119	120	73.0-124			0.834	20
1,1,2-Trichloroethane	5.00	5.19	5.80	104	116	80.0-120			11.1	20
Trichloroethene	5.00	6.07	6.33	121	127	78.0-124		J4	4.19	20
Trichlorofluoromethane	5.00	4.82	4.95	96.4	99.0	59.0-147			2.66	20
1,2,3-Trichloropropane	5.00	5.08	5.06	102	101	73.0-130			0.394	20
1,2,4-Trimethylbenzene	5.00	4.78	5.00	95.6	100	76.0-121			4.50	20
1,2,3-Trimethylbenzene	5.00	4.35	4.66	87.0	93.2	77.0-120			6.88	20
1,3,5-Trimethylbenzene	5.00	4.55	4.81	91.0	96.2	76.0-122			5.56	20
Vinyl chloride	5.00	4.76	5.05	95.2	101	67.0-131			5.91	20
Xylenes, Total	15.0	15.4	15.7	103	105	79.0-123			1.93	20
(S) Toluene-d8				103	113	80.0-120				
(S) 4-Bromofluorobenzene				114	113	77.0-126				
(S) 1,2-Dichloroethane-d4				94.1	95.9	70.0-130				

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

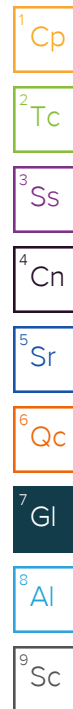
The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

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

Abbreviations and Definitions

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

Qualifier	Description
C3	The reported concentration is an estimate. The continuing calibration standard associated with this data responded low. Method sensitivity check is acceptable.
C4	The reported concentration is an estimate. The continuing calibration standard associated with this data responded low. Data is likely to show a low bias concerning the result.
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.
J3	The associated batch QC was outside the established quality control range for precision.
J4	The associated batch QC was outside the established quality control range for accuracy.



ACCREDITATIONS & LOCATIONS

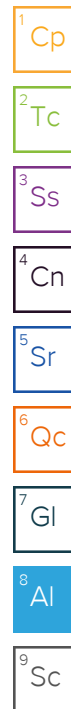
Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey--NELAP	TN002
California	2932	New Mexico ¹	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina ¹	DW21704
Georgia	NELAP	North Carolina ³	41
Georgia ¹	923	North Dakota	R-140
Idaho	TN00003	Ohio--VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LA000356
Kentucky ^{1 6}	KY90010	South Carolina	84004002
Kentucky ²	16	South Dakota	n/a
Louisiana	AI30792	Tennessee ^{1 4}	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas ⁵	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA -- ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA -- ISO 17025 ⁵	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA--Crypto	TN00003		

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

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.



Company Name/Address: 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 L of 3			
Report to: Cindy Bartlett						Email To: CBartlett@Geosyntec.com; JLaurance@Geosyntec.com						Please Circle: ☒ PT ☐ MT ☐ CT ☐ ET		 12065 Lebanon Rd Mount Juliet, TN 37122 Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubs/pas-standard-terms.pdf													
Project Description: Cascade				City/State Collected: Fairview OR.																							
Phone: 503-669-6286				Client Project # PNG0564S21				Lab Project # CASCORFOR-PNG0564				VOCs 8260D LL 40mIAmb-HCI										SDG # 1387152					
Collected by (print): PAT YADON				Site/Facility ID #				P.O. #														B070					
Collected by (signature): <i>Patrick E. Yodon</i>				Rush? (Lab MUST Be Notified) ☐ Same Day ☐ Five Day ☐ Next Day ☐ 5 Day (Rad Only) ☐ Two Day ☐ 10 Day (Rad Only) ☐ Three Day STANDARD				Quote #														Acctnum: CASCORFOR					
Immediately Packed on Ice N ☐ Y ☒				Date Results Needed				No. of Cntrs														Template: T190904					
Sample ID						Comp/Grab		Matrix *		Depth		Date		Time		Prelogin: P859531											
																PM: 110 - Brian Ford											
EWI-080321								GW				8/3/21		12:20		3		PB:									
EW23-080321								GW				8/3/21		11:50		3		Shipped Via:									
VMWA-080321								GW				8/3/21		12:40		3		Remarks									
VMWC-080321								GW				8/3/21		13:00		3		Sample # (lab only)									
VMWB-080321								GW				8/3/21		13:15		3		-									
VMWD-080321								GW				8/3/21		13:30		3		-									
VMWE-080321								GW				8/3/21		14:00		3		-									
VMWF-080321								GW				8/3/21		14:45		3		-									
VMWG-080321								GW				8/3/21		15:35		3		-									
VMWH-080321								GW				8/3/21		16:10		3		-									
* Matrix:						Remarks:														pH _____ Temp _____				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			
SS - Soil AIR - Air F - Filter GW - Groundwater B - Bioassay WW - WasteWater DW - Drinking Water OT - Other _____																				Flow _____ Other _____							
Samples returned via:						Tracking #						Trip Blank Received: ☒ No HCL / MeOH TBR						Temp: _____ °C Bottles Received: _____ If preservation required by Login: Date/Time									
☐ UPS ☐ FedEx ☐ Courier																											
Relinquished by : (Signature) <i>Patrick Yodon</i>						Date: 8-4-21		Time: 17:30		Received by: (Signature) <i>FedEx</i>						Date: 8/5/21 Time: 13:30						Hold:		Condition: NCF / OK			
Relinquished by : (Signature)						Date:		Time:		Received by: (Signature)																	
Relinquished by : (Signature)						Date:		Time:		Received for lab by: (Signature) <i>M. J. R. R.</i>																	

Company Name/Address: Cascade Corporation- Fairview, OR				Billing Information: Accounts Payable P.O. Box 20187 Portland, OR 97294-0187				Analysis / Container / Preservative				Chain of Custody Page 2 of 3			
2201 NE 201st Avenue Fairview, OR 97024-9718				Email To: CBartlett@Geosyntec.com; JLaurance@Geosyntec.com				 12065 Lebanon Rd Mount Juliet, TN 37122 Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubfs/pas-standard-terms.pdf							
Report to: Cindy Bartlett															
Project Description: Cascade TSA				City/State Collected: Fairview OR				Please Circle: ☒ PT ☐ MT ☐ CT ☐ ET							
Phone: 503-669-6286				Client Project # PNG0564S21				Lab Project # CASCORFOR-PNG0564				VOCs 8260D LL 40m/Amb-HCI			
Collected by (print): PAT YADON				Site/Facility ID #				P.O. #							
Collected by (signature): <i>Patrick Yodon</i>				Rush? (Lab MUST Be Notified) ☐ Same Day ☐ Five Day ☐ Next Day ☐ 5 Day (Rad Only) ☐ Two Day ☐ 10 Day (Rad Only) ☐ Three Day ☒ * STANDARD				Quote #							
Immediately Packed on Ice N ☐ Y ☒				Date Results Needed				No. of Cntrs							
Sample ID				Comp/Grab		Matrix *		Depth		Date					
VMWi-080421-143.7				GW				8/4/21		8:00		3			
VMWJ2-080421-120.25				GW				8/4/21		8:40		3			
VMWJ2-080421-120.25				GW				8/4/21		8:41		3			
VMWK-080421-114.25				GW				8/4/21		9:00		3			
VMWL-080421-103.25				GW				8/4/21		9:25		3			
VMWM-080421-94				GW				8/4/21		9:55		3			
VMWN-080421-110.8				GW				8/4/21		10:22		3			
CMW202S-080421				GW				8/4/21		14:34		3			
CMW22dg-080421				GW				8/4/21		15:40		3			
Trip Blank #				GW				NA		NA		1			
* Matrix: SS - Soil AIR - Air F - Filter GW - Groundwater B - Bioassay WW - WasteWater DW - Drinking Water OT - Other _____				Remarks:				pH _____ Temp _____ Flow _____ Other _____				Sample Receipt Checklist COC Seal Present/Intact: ☒ Y ☐ N COC Signed/Accurate: ☒ Y ☐ N Bottles arrive intact: ☒ Y ☐ N Correct bottles used: ☒ Y ☐ N Sufficient volume sent: ☒ Y ☐ N If Applicable VOA Zero Headspace: ☒ Y ☐ N Preservation Correct/Checked: ☒ Y ☐ N RAD Screen <0.5 mR/hr: ☒ Y ☐ N			
Samples returned via: ☐ UPS ☐ FedEx ☐ Courier				Tracking #											
Relinquished by: (Signature) <i>Patrick Yodon</i>				Date: 8-4-21		Time: 17:30		Received by: (Signature) FED EX				Trip Blank Received: ☒ Yes / ☐ No HQ / MeOH TBR			
Relinquished by: (Signature)				Date:		Time:		Received by: (Signature)				Temp: 16.5°C Bottles Received: 87-90M If preservation required by Login: Date/Time			
Relinquished by: (Signature)				Date:		Time:		Received for lab by: (Signature) <i>mwh</i>				Date: 8/5/21		Time: 13:30 Hold: _____ Condition: ☒ NCF / ☐ OK	

Address: 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 1206S Lebanon Rd Mount Juliet, TN 37122 Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubfs/pas-standard-terms.pdf							
Report to: Cindy Bartlett				Email To: CBartlett@Geosyntec.com; JLaurance@Geosynt																							
Project Description: Cascade				City/State Collected: Fairview OR				Please Circle: ☒ PT ☐ MT ☐ CT ☐ ET																			
Phone: 503-669-6286				Client Project # PNG0564S21				Lab Project # CASCORFOR-PNG0564																			
Collected by (print): PAT YADON				Site/Facility ID #				P.O. #																			
Collected by (signature):				Rush? (Lab MUST Be Notified) ☐ Same Day ☐ Five Day ☐ Next Day ☐ 5 Day (Rad Only) ☐ Two Day ☐ 10 Day (Rad Only) ☐ Three Day				Quote #																			
Immediately Packed on Ice N ☐ Y ☒				Date Results Needed				No. of Cntrs																			
Sample ID				Comp/Grab		Matrix *		Depth		Date		Time															
CMW17ds-080421						GW				8/4/21		11:10		3													
CMW18ds-080421						GW				8/4/21		12:15		3													
CMW36dg-080421						GW				8/4/21		13:00		3													
CMW36dg-080421-DUP						GW				8/4/21		13:07		3													
BOP44ds-080421						GW				8/4/21		13:40		3													
BOP44dg-080421						GW				8/4/21		14:12		3													
CMW10ds-080421						GW				8/4/21		15:05		3													
CMW10ds-080421-DUP						GW				8/4/21		15:06		3													
CMW14Rds-080421						GW				8/4/21		15:25		3													
CMW19ds-080421						GW				8/4/21		14:52		3													
* Matrix: SS - Soil AIR - Air F - Filter GW - Groundwater B - Bioassay WW - WasteWater DW - Drinking Water OT - Other _____				Remarks:										pH _____ Temp _____ Flow _____ Other _____				Sample Receipt Checklist COC Seal Present/Intact: ☒ Y ☐ N COC Signed/Accurate: ☒ Y ☐ N Bottles arrive intact: ☒ Y ☐ N Correct bottles used: ☒ Y ☐ N Sufficient volume sent: ☒ Y ☐ N If Applicable VOA Zero Headspace: ☒ Y ☐ N Preservation Correct/Checked: ☒ Y ☐ N RAD Screen <0.5 mR/hr: ☒ Y ☐ N									
Samples returned via: ☐ UPS ☐ FedEx ☐ Courier _____				Tracking #																							
Relinquished by: (Signature) 				Date: 8/4/21		Time: 17:30		Received by: (Signature) Fed EX				Trip Blank Received: ☒ Yes / No ☒ HCL / MeOH ☐ TBR				If preservation required by Login: Date/Time											
Relinquished by: (Signature)				Date:		Time:		Received by: (Signature)				Temp: 16.5 Bottles Received: 1.5				8/5/21 13:30											
Relinquished by: (Signature)																											