ANALYTICAL REPORT

April 26, 2022

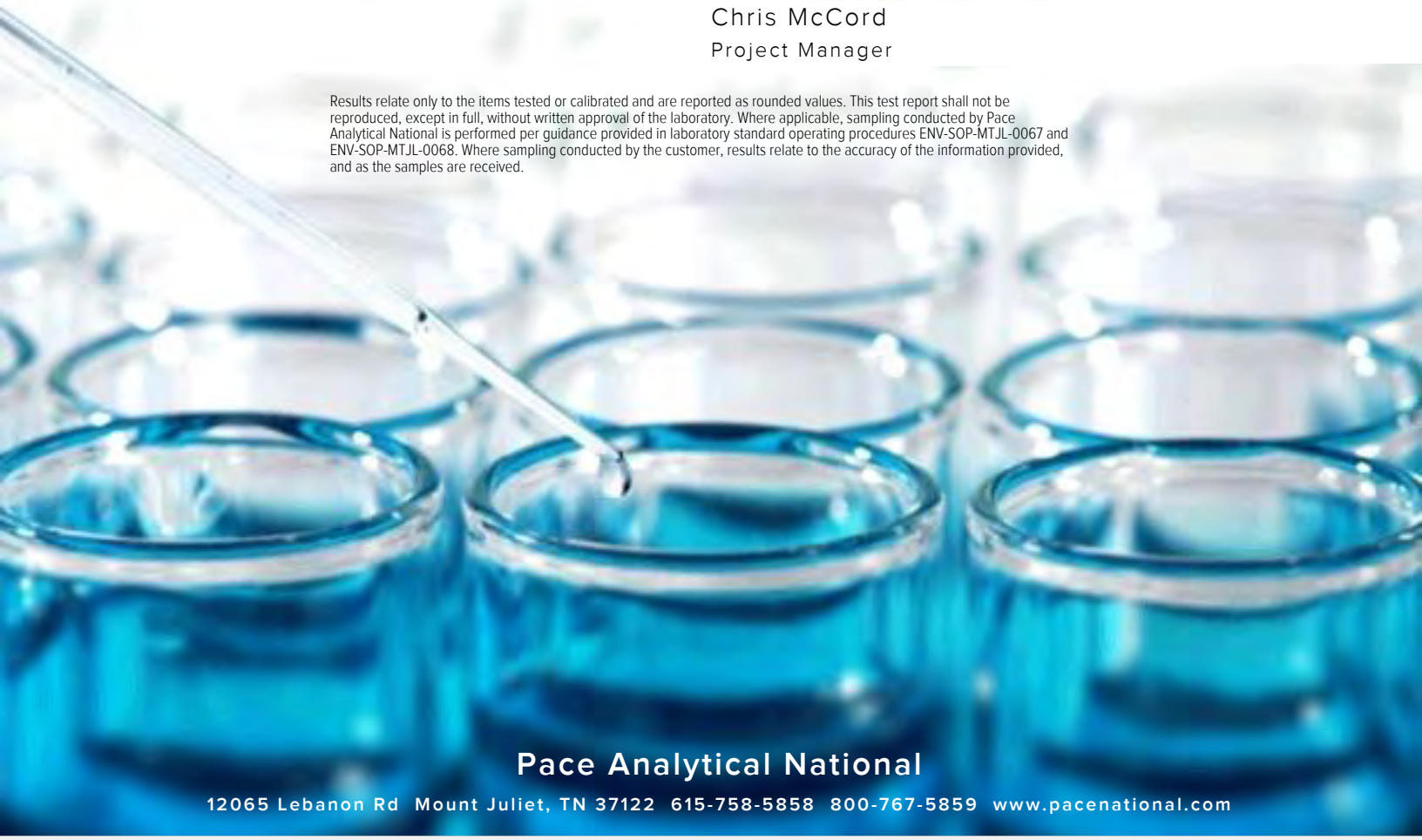
TRC Solutions - Austin, TX

Sample Delivery Group:	L1481749
Samples Received:	04/13/2022
Project Number:	
Description:	Artesia Spring 2022
Site:	(NAVAJO - ARTESIA)
Report To:	Julie Speer 505 E. Huntland Dr, Ste 250 Austin, TX 78752

Entire Report Reviewed By:

Chris McCord
Project Manager

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UG-3R L1481749-01 GW

Collected by: Scott Ude/HMI Team | Collected date/time: 04/11/22 18:10 | Received date/time: 04/13/22 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG1848140	1	04/13/22 17:34	04/13/22 19:07	BRG	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1850519	1	04/18/22 23:53	04/18/22 23:53	CAT	Mt. Juliet, TN
Wet Chemistry by Method 4500CN E-2011	WG1848403	1	04/20/22 16:48	04/21/22 10:06	LDT	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1848820	1	04/14/22 22:49	04/14/22 22:49	LBR	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1848820	50	04/14/22 23:08	04/14/22 23:08	LBR	Mt. Juliet, TN
Mercury by Method 7470A	WG1848991	1	04/25/22 08:58	04/26/22 09:18	ABL	Mt. Juliet, TN
Mercury by Method 7470A	WG1848995	1	04/20/22 09:52	04/21/22 13:45	MRW	Mt. Juliet, TN
Metals (ICP) by Method 6010B	WG1849881	1	04/19/22 18:20	04/25/22 14:52	CCE	Mt. Juliet, TN
Metals (ICP) by Method 6010B	WG1849889	1	04/17/22 21:50	04/19/22 09:56	ZSA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1849874	1	04/19/22 14:10	04/19/22 20:40	LD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850270	1	04/18/22 16:44	04/19/22 00:34	SJM	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1848179	1	04/13/22 23:00	04/13/22 23:00	BMB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1848590	1	04/14/22 16:10	04/14/22 16:10	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG1849310	1	04/17/22 08:33	04/17/22 21:25	DMG	Mt. Juliet, TN

UG-4 L1481749-02 GW

Collected by: Scott Ude/HMI Team | Collected date/time: 04/11/22 17:10 | Received date/time: 04/13/22 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG1848140	1	04/13/22 17:34	04/13/22 19:07	BRG	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1850519	1	04/18/22 23:55	04/18/22 23:55	CAT	Mt. Juliet, TN
Wet Chemistry by Method 4500CN E-2011	WG1848403	1	04/20/22 16:48	04/21/22 10:09	LDT	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1848820	1	04/14/22 23:27	04/14/22 23:27	LBR	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1848820	50	04/14/22 23:46	04/14/22 23:46	LBR	Mt. Juliet, TN
Mercury by Method 7470A	WG1848991	1	04/25/22 08:58	04/26/22 09:11	ABL	Mt. Juliet, TN
Mercury by Method 7470A	WG1848995	1	04/20/22 09:52	04/21/22 13:48	MRW	Mt. Juliet, TN
Metals (ICP) by Method 6010B	WG1849881	1	04/19/22 18:20	04/25/22 14:55	CCE	Mt. Juliet, TN
Metals (ICP) by Method 6010B	WG1849889	1	04/17/22 21:50	04/19/22 10:16	ZSA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1849874	1	04/19/22 14:10	04/19/22 20:56	LD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1851656	1	04/21/22 00:51	04/22/22 00:15	JPD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1851656	1	04/21/22 00:51	04/24/22 23:28	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1848179	1	04/13/22 23:21	04/13/22 23:21	BMB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1848590	1	04/14/22 16:31	04/14/22 16:31	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG1849080	1	04/18/22 16:11	04/19/22 17:06	TJD	Mt. Juliet, TN

UG-1 L1481749-03 GW

Collected by: Scott Ude/HMI Team | Collected date/time: 04/11/22 16:25 | Received date/time: 04/13/22 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG1848140	1	04/13/22 17:34	04/13/22 19:07	BRG	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1850519	10	04/19/22 00:04	04/19/22 00:04	CAT	Mt. Juliet, TN
Wet Chemistry by Method 4500CN E-2011	WG1848403	1	04/20/22 16:48	04/21/22 10:13	LDT	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1848820	1	04/15/22 00:05	04/15/22 00:05	LBR	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1848820	50	04/15/22 00:24	04/15/22 00:24	LBR	Mt. Juliet, TN
Mercury by Method 7470A	WG1848991	1	04/25/22 08:58	04/26/22 09:24	ABL	Mt. Juliet, TN
Mercury by Method 7470A	WG1848995	1	04/20/22 09:52	04/21/22 13:29	MRW	Mt. Juliet, TN
Metals (ICP) by Method 6010B	WG1849881	1	04/19/22 18:20	04/25/22 14:58	CCE	Mt. Juliet, TN
Metals (ICP) by Method 6010B	WG1849889	1	04/17/22 21:50	04/19/22 10:25	ZSA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1849874	1	04/19/22 14:10	04/19/22 20:59	LD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850270	1	04/18/22 16:44	04/19/22 00:45	SJM	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1848179	1	04/13/22 23:43	04/13/22 23:43	BMB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1848590	1	04/14/22 16:52	04/14/22 16:52	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG1849080	1	04/18/22 16:11	04/19/22 17:32	TJD	Mt. Juliet, TN

SAMPLE SUMMARY

UG-1 L1481749-03 GW

Collected by: Scott Ude/HMI Team
Collected date/time: 04/11/22 16:25
Received date/time: 04/13/22 09:45

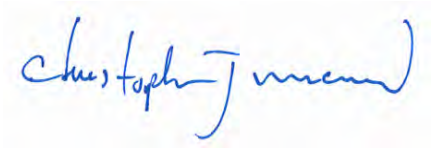
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Semi Volatile Organic Compounds (GC/MS) by Method 8270 C-mod	WG1848653	1	04/16/22 00:18	04/16/22 16:19	AMG	Mt. Juliet, TN

UG-2 L1481749-04 GW

Collected by: Scott Ude/HMI Team
Collected date/time: 04/11/22 15:30
Received date/time: 04/13/22 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG1848140	1	04/13/22 17:34	04/13/22 19:07	BRG	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1850519	10	04/19/22 00:05	04/19/22 00:05	CAT	Mt. Juliet, TN
Wet Chemistry by Method 4500CN E-2011	WG1847290	1	04/19/22 00:56	04/20/22 12:44	LDT	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1848820	1	04/15/22 00:43	04/15/22 00:43	LBR	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1848820	20	04/15/22 01:02	04/15/22 01:02	LBR	Mt. Juliet, TN
Mercury by Method 7470A	WG1848991	1	04/25/22 08:58	04/26/22 09:27	ABL	Mt. Juliet, TN
Mercury by Method 7470A	WG1848995	1	04/20/22 09:52	04/21/22 13:50	MRW	Mt. Juliet, TN
Metals (ICP) by Method 6010B	WG1849881	1	04/19/22 18:20	04/25/22 15:07	CCE	Mt. Juliet, TN
Metals (ICP) by Method 6010B	WG1849889	1	04/17/22 21:50	04/19/22 10:28	ZSA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1849874	1	04/19/22 14:10	04/19/22 21:03	LD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850270	1	04/18/22 16:44	04/19/22 00:48	SJM	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1848179	1	04/14/22 00:04	04/14/22 00:04	BMB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1848590	1	04/14/22 17:13	04/14/22 17:13	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG1849080	1	04/18/22 16:11	04/19/22 17:58	TJD	Mt. Juliet, TN

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.



Chris McCord
Project Manager

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Dissolved Solids	2860		50.0	1	04/13/2022 19:07	WG1848140

Wet Chemistry by Method 353.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Nitrate-Nitrite	2.49		0.0500	0.100	1	04/18/2022 23:53	WG1850519

Wet Chemistry by Method 4500CN E-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Cyanide	U		0.00180	0.00500	1	04/21/2022 10:06	WG1848403

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Chloride	58.4		0.379	1.00	1	04/14/2022 22:49	WG1848820
Fluoride	0.433		0.0640	0.150	1	04/14/2022 22:49	WG1848820
Sulfate	1840		29.7	250	50	04/14/2022 23:08	WG1848820

Mercury by Method 7470A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Mercury	U		0.000100	0.000200	1	04/26/2022 09:18	WG1848991
Mercury,Dissolved	U		0.000100	0.000200	1	04/21/2022 13:45	WG1848995

Metals (ICP) by Method 6010B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Boron	0.183	J	0.0200	0.200	1	04/25/2022 14:52	WG1849881
Boron,Dissolved	0.182	J	0.0200	0.200	1	04/19/2022 09:56	WG1849889

Metals (ICPMS) by Method 6020

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Arsenic	0.00149	J	0.000180	0.00200	1	04/19/2022 20:40	WG1849874
Arsenic,Dissolved	0.00145	J	0.000180	0.00200	1	04/19/2022 00:34	WG1850270
Barium	0.0191		0.000381	0.00200	1	04/19/2022 20:40	WG1849874
Barium,Dissolved	0.0197		0.000381	0.00200	1	04/19/2022 00:34	WG1850270
Cadmium	U		0.000150	0.00100	1	04/19/2022 20:40	WG1849874
Cadmium,Dissolved	U		0.000150	0.00100	1	04/19/2022 00:34	WG1850270
Calcium	529	V	0.0936	1.00	1	04/19/2022 20:40	WG1849874
Chromium	U		0.00124	0.00200	1	04/19/2022 20:40	WG1849874
Chromium,Dissolved	U		0.00124	0.00200	1	04/19/2022 00:34	WG1850270
Cobalt	0.0000759	J	0.0000596	0.00200	1	04/19/2022 20:40	WG1849874
Cobalt,Dissolved	0.000106	J	0.0000596	0.00200	1	04/19/2022 00:34	WG1850270
Iron	U		0.0281	0.100	1	04/19/2022 20:40	WG1849874
Iron,Dissolved	U		0.0281	0.100	1	04/19/2022 00:34	WG1850270
Lead	U		0.000849	0.00200	1	04/19/2022 20:40	WG1849874
Lead,Dissolved	U		0.000849	0.00200	1	04/19/2022 00:34	WG1850270
Manganese	0.000775	B J	0.000704	0.00500	1	04/19/2022 20:40	WG1849874
Manganese,Dissolved	0.00149	J	0.000704	0.00500	1	04/19/2022 00:34	WG1850270
Nickel	U		0.000816	0.00200	1	04/19/2022 20:40	WG1849874
Nickel,Dissolved	0.00235		0.000816	0.00200	1	04/19/2022 00:34	WG1850270

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Potassium	2.01		0.108	2.00	1	04/19/2022 20:40	WG1849874
Selenium	0.00472		0.000300	0.00200	1	04/19/2022 20:40	WG1849874
Selenium,Dissolved	0.00448		0.000300	0.00200	1	04/19/2022 00:34	WG1850270
Sodium	31.9		0.376	2.00	1	04/19/2022 20:40	WG1849874
Uranium	0.0273		0.0000789	0.00100	1	04/19/2022 20:40	WG1849874
Uranium,Dissolved	0.0278		0.0000789	0.00100	1	04/19/2022 00:34	WG1850270
Vanadium	0.00900		0.000664	0.00500	1	04/19/2022 20:40	WG1849874
Vanadium,Dissolved	0.00995		0.000664	0.00500	1	04/19/2022 00:34	WG1850270

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	U		0.0314	0.100	1	04/13/2022 23:00	WG1848179
(S) a,a,a-Trifluorotoluene(FID)	*96.9*			*78.0-120*		*04/13/2022 23:00*	WG1848179

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/14/2022 16:10	WG1848590
Benzene	U		0.0000941	0.00100	1	04/14/2022 16:10	WG1848590
Bromodichloromethane	U		0.000136	0.00100	1	04/14/2022 16:10	WG1848590
Bromoform	U	J4	0.000129	0.00100	1	04/14/2022 16:10	WG1848590
Bromomethane	U		0.000605	0.00500	1	04/14/2022 16:10	WG1848590
n-Butylbenzene	U		0.000157	0.00100	1	04/14/2022 16:10	WG1848590
sec-Butylbenzene	U		0.000125	0.00100	1	04/14/2022 16:10	WG1848590
Carbon disulfide	U		0.0000962	0.00100	1	04/14/2022 16:10	WG1848590
Carbon tetrachloride	U		0.000128	0.00100	1	04/14/2022 16:10	WG1848590
Chlorobenzene	U		0.000116	0.00100	1	04/14/2022 16:10	WG1848590
Chlorodibromomethane	U		0.000140	0.00100	1	04/14/2022 16:10	WG1848590
Chloroethane	U		0.000192	0.00500	1	04/14/2022 16:10	WG1848590
Chloroform	U		0.000111	0.00500	1	04/14/2022 16:10	WG1848590
Chloromethane	U		0.000960	0.00250	1	04/14/2022 16:10	WG1848590
1,2-Dibromoethane	U		0.000126	0.00100	1	04/14/2022 16:10	WG1848590
1,1-Dichloroethane	U		0.000100	0.00100	1	04/14/2022 16:10	WG1848590
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/14/2022 16:10	WG1848590
1,1-Dichloroethene	U		0.000188	0.00100	1	04/14/2022 16:10	WG1848590
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/14/2022 16:10	WG1848590
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/14/2022 16:10	WG1848590
1,2-Dichloropropane	U		0.000149	0.00100	1	04/14/2022 16:10	WG1848590
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/14/2022 16:10	WG1848590
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/14/2022 16:10	WG1848590
Ethylbenzene	U		0.000137	0.00100	1	04/14/2022 16:10	WG1848590
Isopropylbenzene	U		0.000105	0.00100	1	04/14/2022 16:10	WG1848590
p-Isopropyltoluene	U		0.000120	0.00100	1	04/14/2022 16:10	WG1848590
2-Butanone (MEK)	U		0.00119	0.0100	1	04/14/2022 16:10	WG1848590
2-Hexanone	U		0.000787	0.0100	1	04/14/2022 16:10	WG1848590
Methylene Chloride	U		0.000430	0.00500	1	04/14/2022 16:10	WG1848590
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/14/2022 16:10	WG1848590
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/14/2022 16:10	WG1848590
Naphthalene	U		0.00100	0.00500	1	04/14/2022 16:10	WG1848590
n-Propylbenzene	U		0.0000993	0.00100	1	04/14/2022 16:10	WG1848590
Styrene	U		0.000118	0.00100	1	04/14/2022 16:10	WG1848590
tert-Butyl alcohol	U		0.00406	0.00500	1	04/14/2022 16:10	WG1848590
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/14/2022 16:10	WG1848590
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/14/2022 16:10	WG1848590

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Tetrachloroethene	U		0.000300	0.00100	1	04/14/2022 16:10	WG1848590
Toluene	U		0.000278	0.00100	1	04/14/2022 16:10	WG1848590
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/14/2022 16:10	WG1848590
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/14/2022 16:10	WG1848590
Trichloroethene	U		0.000190	0.00100	1	04/14/2022 16:10	WG1848590
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/14/2022 16:10	WG1848590
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/14/2022 16:10	WG1848590
Vinyl chloride	U		0.000234	0.00100	1	04/14/2022 16:10	WG1848590
o-Xylene	U		0.000174	0.00100	1	04/14/2022 16:10	WG1848590
m&p-Xylene	U		0.000430	0.00200	1	04/14/2022 16:10	WG1848590
Xylenes, Total	U		0.000174	0.00300	1	04/14/2022 16:10	WG1848590
(S) Toluene-d8	*108*			*80.0-120*		*04/14/2022 16:10*	WG1848590
(S) 4-Bromofluorobenzene	*98.8*			*77.0-126*		*04/14/2022 16:10*	WG1848590
(S) 1,2-Dichloroethane-d4	*88.8*			*70.0-130*		*04/14/2022 16:10*	WG1848590

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.0857	J	0.0247	0.100	1	04/17/2022 21:25	WG1849310
(S) o-Terphenyl	*101*			*31.0-160*		*04/17/2022 21:25*	WG1849310

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Dissolved Solids	4280		50.0	1	04/13/2022 19:07	WG1848140

Wet Chemistry by Method 353.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Nitrate-Nitrite	0.307	J3 J6	0.0500	0.100	1	04/18/2022 23:55	WG1850519

Wet Chemistry by Method 4500CN E-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Cyanide	U		0.00180	0.00500	1	04/21/2022 10:09	WG1848403

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Chloride	112		19.0	50.0	50	04/14/2022 23:46	WG1848820
Fluoride	0.441		0.0640	0.150	1	04/14/2022 23:27	WG1848820
Sulfate	2890		29.7	250	50	04/14/2022 23:46	WG1848820

Mercury by Method 7470A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Mercury	U		0.000100	0.000200	1	04/26/2022 09:11	WG1848991
Mercury,Dissolved	U		0.000100	0.000200	1	04/21/2022 13:48	WG1848995

Metals (ICP) by Method 6010B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Boron	0.749		0.0200	0.200	1	04/25/2022 14:55	WG1849881
Boron,Dissolved	0.738		0.0200	0.200	1	04/19/2022 10:16	WG1849889

Metals (ICPMS) by Method 6020

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Arsenic	0.00147	J	0.000180	0.00200	1	04/19/2022 20:56	WG1849874
Arsenic,Dissolved	0.00137	J	0.000180	0.00200	1	04/22/2022 00:15	WG1851656
Barium	0.0229		0.000381	0.00200	1	04/19/2022 20:56	WG1849874
Barium,Dissolved	0.0188		0.000381	0.00200	1	04/22/2022 00:15	WG1851656
Cadmium	U		0.000150	0.00100	1	04/19/2022 20:56	WG1849874
Cadmium,Dissolved	U		0.000150	0.00100	1	04/22/2022 00:15	WG1851656
Calcium	614		0.0936	1.00	1	04/19/2022 20:56	WG1849874
Chromium	0.00295		0.00124	0.00200	1	04/19/2022 20:56	WG1849874
Chromium,Dissolved	U		0.00124	0.00200	1	04/22/2022 00:15	WG1851656
Cobalt	0.000862	J	0.0000596	0.00200	1	04/19/2022 20:56	WG1849874
Cobalt,Dissolved	0.000263	J	0.0000596	0.00200	1	04/22/2022 00:15	WG1851656
Iron	0.200		0.0281	0.100	1	04/19/2022 20:56	WG1849874
Iron,Dissolved	0.0356	J	0.0281	0.100	1	04/22/2022 00:15	WG1851656
Lead	U		0.000849	0.00200	1	04/19/2022 20:56	WG1849874
Lead,Dissolved	U		0.000849	0.00200	1	04/22/2022 00:15	WG1851656
Manganese	0.0492		0.000704	0.00500	1	04/19/2022 20:56	WG1849874
Manganese,Dissolved	0.00322	J	0.000704	0.00500	1	04/22/2022 00:15	WG1851656
Nickel	0.00120	J	0.000816	0.00200	1	04/19/2022 20:56	WG1849874
Nickel,Dissolved	0.00137	J	0.000816	0.00200	1	04/24/2022 23:28	WG1851656

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Potassium	1.96	J	0.108	2.00	1	04/19/2022 20:56	WG1849874
Selenium	0.0119		0.000300	0.00200	1	04/19/2022 20:56	WG1849874
Selenium,Dissolved	0.0134		0.000300	0.00200	1	04/22/2022 00:15	WG1851656
Sodium	197		0.376	2.00	1	04/19/2022 20:56	WG1849874
Uranium	0.0334		0.0000789	0.00100	1	04/19/2022 20:56	WG1849874
Uranium,Dissolved	0.0324		0.0000789	0.00100	1	04/22/2022 00:15	WG1851656
Vanadium	0.00923		0.000664	0.00500	1	04/19/2022 20:56	WG1849874
Vanadium,Dissolved	0.00878		0.000664	0.00500	1	04/22/2022 00:15	WG1851656

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	U		0.0314	0.100	1	04/13/2022 23:21	WG1848179
(S) a,a,a-Trifluorotoluene(FID)	*96.7*			*78.0-120*		*04/13/2022 23:21*	WG1848179

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/14/2022 16:31	WG1848590
Benzene	U		0.0000941	0.00100	1	04/14/2022 16:31	WG1848590
Bromodichloromethane	U		0.000136	0.00100	1	04/14/2022 16:31	WG1848590
Bromoform	U	J4	0.000129	0.00100	1	04/14/2022 16:31	WG1848590
Bromomethane	U		0.000605	0.00500	1	04/14/2022 16:31	WG1848590
n-Butylbenzene	U		0.000157	0.00100	1	04/14/2022 16:31	WG1848590
sec-Butylbenzene	U		0.000125	0.00100	1	04/14/2022 16:31	WG1848590
Carbon disulfide	U		0.0000962	0.00100	1	04/14/2022 16:31	WG1848590
Carbon tetrachloride	U		0.000128	0.00100	1	04/14/2022 16:31	WG1848590
Chlorobenzene	U		0.000116	0.00100	1	04/14/2022 16:31	WG1848590
Chlorodibromomethane	U		0.000140	0.00100	1	04/14/2022 16:31	WG1848590
Chloroethane	U		0.000192	0.00500	1	04/14/2022 16:31	WG1848590
Chloroform	U		0.000111	0.00500	1	04/14/2022 16:31	WG1848590
Chloromethane	U		0.000960	0.00250	1	04/14/2022 16:31	WG1848590
1,2-Dibromoethane	U		0.000126	0.00100	1	04/14/2022 16:31	WG1848590
1,1-Dichloroethane	U		0.000100	0.00100	1	04/14/2022 16:31	WG1848590
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/14/2022 16:31	WG1848590
1,1-Dichloroethene	U		0.000188	0.00100	1	04/14/2022 16:31	WG1848590
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/14/2022 16:31	WG1848590
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/14/2022 16:31	WG1848590
1,2-Dichloropropane	U		0.000149	0.00100	1	04/14/2022 16:31	WG1848590
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/14/2022 16:31	WG1848590
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/14/2022 16:31	WG1848590
Ethylbenzene	U		0.000137	0.00100	1	04/14/2022 16:31	WG1848590
Isopropylbenzene	U		0.000105	0.00100	1	04/14/2022 16:31	WG1848590
p-Isopropyltoluene	U		0.000120	0.00100	1	04/14/2022 16:31	WG1848590
2-Butanone (MEK)	U		0.00119	0.0100	1	04/14/2022 16:31	WG1848590
2-Hexanone	U		0.000787	0.0100	1	04/14/2022 16:31	WG1848590
Methylene Chloride	U		0.000430	0.00500	1	04/14/2022 16:31	WG1848590
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/14/2022 16:31	WG1848590
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/14/2022 16:31	WG1848590
Naphthalene	U		0.00100	0.00500	1	04/14/2022 16:31	WG1848590
n-Propylbenzene	U		0.0000993	0.00100	1	04/14/2022 16:31	WG1848590
Styrene	U		0.000118	0.00100	1	04/14/2022 16:31	WG1848590
tert-Butyl alcohol	U		0.00406	0.00500	1	04/14/2022 16:31	WG1848590
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/14/2022 16:31	WG1848590
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/14/2022 16:31	WG1848590

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Tetrachloroethene	U		0.000300	0.00100	1	04/14/2022 16:31	WG1848590
Toluene	U		0.000278	0.00100	1	04/14/2022 16:31	WG1848590
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/14/2022 16:31	WG1848590
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/14/2022 16:31	WG1848590
Trichloroethene	U		0.000190	0.00100	1	04/14/2022 16:31	WG1848590
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/14/2022 16:31	WG1848590
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/14/2022 16:31	WG1848590
Vinyl chloride	U		0.000234	0.00100	1	04/14/2022 16:31	WG1848590
o-Xylene	U		0.000174	0.00100	1	04/14/2022 16:31	WG1848590
m&p-Xylene	U		0.000430	0.00200	1	04/14/2022 16:31	WG1848590
Xylenes, Total	U		0.000174	0.00300	1	04/14/2022 16:31	WG1848590
(S) Toluene-d8	*110*			*80.0-120*		*04/14/2022 16:31*	WG1848590
(S) 4-Bromofluorobenzene	*93.5*			*77.0-126*		*04/14/2022 16:31*	WG1848590
(S) 1,2-Dichloroethane-d4	*84.8*			*70.0-130*		*04/14/2022 16:31*	WG1848590

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	U		0.0247	0.100	1	04/19/2022 17:06	WG1849080
(S) o-Terphenyl	*53.7*			*31.0-160*		*04/19/2022 17:06*	WG1849080

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	3570		50.0	1	04/13/2022 19:07	WG1848140

Wet Chemistry by Method 353.2

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	12.4		0.500	1.00	10	04/19/2022 00:04	WG1850519

Wet Chemistry by Method 4500CN E-2011

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Cyanide	U		0.00180	0.00500	1	04/21/2022 10:13	WG1848403

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	113		19.0	50.0	50	04/15/2022 00:24	WG1848820
Fluoride	0.662		0.0640	0.150	1	04/15/2022 00:05	WG1848820
Sulfate	2330		29.7	250	50	04/15/2022 00:24	WG1848820

Mercury by Method 7470A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Mercury	U		0.000100	0.000200	1	04/26/2022 09:24	WG1848991
Mercury,Dissolved	U		0.000100	0.000200	1	04/21/2022 13:29	WG1848995

Metals (ICP) by Method 6010B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Boron	0.733		0.0200	0.200	1	04/25/2022 14:58	WG1849881
Boron,Dissolved	0.718		0.0200	0.200	1	04/19/2022 10:25	WG1849889

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00162	J	0.000180	0.00200	1	04/19/2022 20:59	WG1849874
Arsenic,Dissolved	0.00151	J	0.000180	0.00200	1	04/19/2022 00:45	WG1850270
Barium	0.0132		0.000381	0.00200	1	04/19/2022 20:59	WG1849874
Barium,Dissolved	0.0136		0.000381	0.00200	1	04/19/2022 00:45	WG1850270
Cadmium	U		0.000150	0.00100	1	04/19/2022 20:59	WG1849874
Cadmium,Dissolved	U		0.000150	0.00100	1	04/19/2022 00:45	WG1850270
Calcium	536		0.0936	1.00	1	04/19/2022 20:59	WG1849874
Chromium	U		0.00124	0.00200	1	04/19/2022 20:59	WG1849874
Chromium,Dissolved	U		0.00124	0.00200	1	04/19/2022 00:45	WG1850270
Cobalt	0.0000957	J	0.0000596	0.00200	1	04/19/2022 20:59	WG1849874
Cobalt,Dissolved	0.000110	J	0.0000596	0.00200	1	04/19/2022 00:45	WG1850270
Iron	U		0.0281	0.100	1	04/19/2022 20:59	WG1849874
Iron,Dissolved	U		0.0281	0.100	1	04/19/2022 00:45	WG1850270
Lead	U		0.000849	0.00200	1	04/19/2022 20:59	WG1849874
Lead,Dissolved	U		0.000849	0.00200	1	04/19/2022 00:45	WG1850270
Manganese	U		0.000704	0.00500	1	04/19/2022 20:59	WG1849874
Manganese,Dissolved	U		0.000704	0.00500	1	04/19/2022 00:45	WG1850270
Nickel	U		0.000816	0.00200	1	04/19/2022 20:59	WG1849874
Nickel,Dissolved	0.00135	J	0.000816	0.00200	1	04/19/2022 00:45	WG1850270

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Potassium	0.985	J	0.108	2.00	1	04/19/2022 20:59	WG1849874
Selenium	0.0130		0.000300	0.00200	1	04/19/2022 20:59	WG1849874
Selenium,Dissolved	0.0130		0.000300	0.00200	1	04/19/2022 00:45	WG1850270
Sodium	84.8		0.376	2.00	1	04/19/2022 20:59	WG1849874
Uranium	0.0431		0.0000789	0.00100	1	04/19/2022 20:59	WG1849874
Uranium,Dissolved	0.0442		0.0000789	0.00100	1	04/19/2022 00:45	WG1850270
Vanadium	0.0140		0.000664	0.00500	1	04/19/2022 20:59	WG1849874
Vanadium,Dissolved	0.0148		0.000664	0.00500	1	04/19/2022 00:45	WG1850270

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	U		0.0314	0.100	1	04/13/2022 23:43	WG1848179
(S) a,a,a-Trifluorotoluene(FID)	*95.8*			*78.0-120*		*04/13/2022 23:43*	WG1848179

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/14/2022 16:52	WG1848590
Benzene	U		0.0000941	0.00100	1	04/14/2022 16:52	WG1848590
Bromodichloromethane	U		0.000136	0.00100	1	04/14/2022 16:52	WG1848590
Bromoform	U	J4	0.000129	0.00100	1	04/14/2022 16:52	WG1848590
Bromomethane	U		0.000605	0.00500	1	04/14/2022 16:52	WG1848590
n-Butylbenzene	U		0.000157	0.00100	1	04/14/2022 16:52	WG1848590
sec-Butylbenzene	U		0.000125	0.00100	1	04/14/2022 16:52	WG1848590
Carbon disulfide	U		0.0000962	0.00100	1	04/14/2022 16:52	WG1848590
Carbon tetrachloride	U		0.000128	0.00100	1	04/14/2022 16:52	WG1848590
Chlorobenzene	U		0.000116	0.00100	1	04/14/2022 16:52	WG1848590
Chlorodibromomethane	U		0.000140	0.00100	1	04/14/2022 16:52	WG1848590
Chloroethane	U		0.000192	0.00500	1	04/14/2022 16:52	WG1848590
Chloroform	0.000149	J	0.000111	0.00500	1	04/14/2022 16:52	WG1848590
Chloromethane	U		0.000960	0.00250	1	04/14/2022 16:52	WG1848590
1,2-Dibromoethane	U		0.000126	0.00100	1	04/14/2022 16:52	WG1848590
1,1-Dichloroethane	U		0.000100	0.00100	1	04/14/2022 16:52	WG1848590
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/14/2022 16:52	WG1848590
1,1-Dichloroethene	U		0.000188	0.00100	1	04/14/2022 16:52	WG1848590
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/14/2022 16:52	WG1848590
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/14/2022 16:52	WG1848590
1,2-Dichloropropane	U		0.000149	0.00100	1	04/14/2022 16:52	WG1848590
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/14/2022 16:52	WG1848590
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/14/2022 16:52	WG1848590
Ethylbenzene	U		0.000137	0.00100	1	04/14/2022 16:52	WG1848590
Isopropylbenzene	U		0.000105	0.00100	1	04/14/2022 16:52	WG1848590
p-Isopropyltoluene	U		0.000120	0.00100	1	04/14/2022 16:52	WG1848590
2-Butanone (MEK)	U		0.00119	0.0100	1	04/14/2022 16:52	WG1848590
2-Hexanone	U		0.000787	0.0100	1	04/14/2022 16:52	WG1848590
Methylene Chloride	U		0.000430	0.00500	1	04/14/2022 16:52	WG1848590
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/14/2022 16:52	WG1848590
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/14/2022 16:52	WG1848590
Naphthalene	U		0.00100	0.00500	1	04/14/2022 16:52	WG1848590
n-Propylbenzene	U		0.0000993	0.00100	1	04/14/2022 16:52	WG1848590
Styrene	U		0.000118	0.00100	1	04/14/2022 16:52	WG1848590
tert-Butyl alcohol	U		0.00406	0.00500	1	04/14/2022 16:52	WG1848590
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/14/2022 16:52	WG1848590
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/14/2022 16:52	WG1848590

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Tetrachloroethene	U		0.000300	0.00100	1	04/14/2022 16:52	WG1848590
Toluene	U		0.000278	0.00100	1	04/14/2022 16:52	WG1848590
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/14/2022 16:52	WG1848590
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/14/2022 16:52	WG1848590
Trichloroethene	U		0.000190	0.00100	1	04/14/2022 16:52	WG1848590
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/14/2022 16:52	WG1848590
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/14/2022 16:52	WG1848590
Vinyl chloride	U		0.000234	0.00100	1	04/14/2022 16:52	WG1848590
o-Xylene	U		0.000174	0.00100	1	04/14/2022 16:52	WG1848590
m&p-Xylene	U		0.000430	0.00200	1	04/14/2022 16:52	WG1848590
Xylenes, Total	U		0.000174	0.00300	1	04/14/2022 16:52	WG1848590
(S) Toluene-d8	*108*			*80.0-120*		*04/14/2022 16:52*	WG1848590
(S) 4-Bromofluorobenzene	*95.5*			*77.0-126*		*04/14/2022 16:52*	WG1848590
(S) 1,2-Dichloroethane-d4	*88.0*			*70.0-130*		*04/14/2022 16:52*	WG1848590

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	U		0.0247	0.100	1	04/19/2022 17:32	WG1849080
(S) o-Terphenyl	*55.8*			*31.0-160*		*04/19/2022 17:32*	WG1849080

Semi Volatile Organic Compounds (GC/MS) by Method 8270 C-mod

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,4-Dioxane	U		0.0000447	0.000400	1	04/16/2022 16:19	WG1848653
(S) Nitrobenzene-d5	*65.3*			*10.0-120*		*04/16/2022 16:19*	WG1848653

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Dissolved Solids	1950		25.0	1	04/13/2022 19:07	WG1848140

Wet Chemistry by Method 353.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Nitrate-Nitrite	9.64		0.500	1.00	10	04/19/2022 00:05	WG1850519

Wet Chemistry by Method 4500CN E-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Cyanide	U		0.00180	0.00500	1	04/20/2022 12:44	WG1847290

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Chloride	70.4		0.379	1.00	1	04/15/2022 00:43	WG1848820
Fluoride	1.41		0.0640	0.150	1	04/15/2022 00:43	WG1848820
Sulfate	1080		11.9	100	20	04/15/2022 01:02	WG1848820

Mercury by Method 7470A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Mercury	U		0.000100	0.000200	1	04/26/2022 09:27	WG1848991
Mercury,Dissolved	U		0.000100	0.000200	1	04/21/2022 13:50	WG1848995

Metals (ICP) by Method 6010B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Boron	0.267		0.0200	0.200	1	04/25/2022 15:07	WG1849881
Boron,Dissolved	0.267		0.0200	0.200	1	04/19/2022 10:28	WG1849889

Metals (ICPMS) by Method 6020

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Arsenic	0.00238		0.000180	0.00200	1	04/19/2022 21:03	WG1849874
Arsenic,Dissolved	0.00253		0.000180	0.00200	1	04/19/2022 00:48	WG1850270
Barium	0.0152		0.000381	0.00200	1	04/19/2022 21:03	WG1849874
Barium,Dissolved	0.0156		0.000381	0.00200	1	04/19/2022 00:48	WG1850270
Cadmium	U		0.000150	0.00100	1	04/19/2022 21:03	WG1849874
Cadmium,Dissolved	U		0.000150	0.00100	1	04/19/2022 00:48	WG1850270
Calcium	310		0.0936	1.00	1	04/19/2022 21:03	WG1849874
Chromium	U		0.00124	0.00200	1	04/19/2022 21:03	WG1849874
Chromium,Dissolved	U		0.00124	0.00200	1	04/19/2022 00:48	WG1850270
Cobalt	0.0000828	J	0.0000596	0.00200	1	04/19/2022 21:03	WG1849874
Cobalt,Dissolved	0.0000840	J	0.0000596	0.00200	1	04/19/2022 00:48	WG1850270
Iron	U		0.0281	0.100	1	04/19/2022 21:03	WG1849874
Iron,Dissolved	U		0.0281	0.100	1	04/19/2022 00:48	WG1850270
Lead	U		0.000849	0.00200	1	04/19/2022 21:03	WG1849874
Lead,Dissolved	U		0.000849	0.00200	1	04/19/2022 00:48	WG1850270
Manganese	0.00569	B	0.000704	0.00500	1	04/19/2022 21:03	WG1849874
Manganese,Dissolved	0.00188	J	0.000704	0.00500	1	04/19/2022 00:48	WG1850270
Nickel	0.00183	J	0.000816	0.00200	1	04/19/2022 21:03	WG1849874
Nickel,Dissolved	0.00272		0.000816	0.00200	1	04/19/2022 00:48	WG1850270

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Potassium	1.20	J	0.108	2.00	1	04/19/2022 21:03	WG1849874
Selenium	0.00570		0.000300	0.00200	1	04/19/2022 21:03	WG1849874
Selenium,Dissolved	0.00581		0.000300	0.00200	1	04/19/2022 00:48	WG1850270
Sodium	78.9		0.376	2.00	1	04/19/2022 21:03	WG1849874
Uranium	0.0156		0.0000789	0.00100	1	04/19/2022 21:03	WG1849874
Uranium,Dissolved	0.0158		0.0000789	0.00100	1	04/19/2022 00:48	WG1850270
Vanadium	0.0198		0.000664	0.00500	1	04/19/2022 21:03	WG1849874
Vanadium,Dissolved	0.0200		0.000664	0.00500	1	04/19/2022 00:48	WG1850270

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	U		0.0314	0.100	1	04/14/2022 00:04	WG1848179
(S) a,a,a-Trifluorotoluene(FID)	*96.8*			*78.0-120*		*04/14/2022 00:04*	WG1848179

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/14/2022 17:13	WG1848590
Benzene	U		0.0000941	0.00100	1	04/14/2022 17:13	WG1848590
Bromodichloromethane	U		0.000136	0.00100	1	04/14/2022 17:13	WG1848590
Bromoform	U	J4	0.000129	0.00100	1	04/14/2022 17:13	WG1848590
Bromomethane	U		0.000605	0.00500	1	04/14/2022 17:13	WG1848590
n-Butylbenzene	U		0.000157	0.00100	1	04/14/2022 17:13	WG1848590
sec-Butylbenzene	U		0.000125	0.00100	1	04/14/2022 17:13	WG1848590
Carbon disulfide	U		0.0000962	0.00100	1	04/14/2022 17:13	WG1848590
Carbon tetrachloride	U		0.000128	0.00100	1	04/14/2022 17:13	WG1848590
Chlorobenzene	U		0.000116	0.00100	1	04/14/2022 17:13	WG1848590
Chlorodibromomethane	U		0.000140	0.00100	1	04/14/2022 17:13	WG1848590
Chloroethane	U		0.000192	0.00500	1	04/14/2022 17:13	WG1848590
Chloroform	U		0.000111	0.00500	1	04/14/2022 17:13	WG1848590
Chloromethane	U		0.000960	0.00250	1	04/14/2022 17:13	WG1848590
1,2-Dibromoethane	U		0.000126	0.00100	1	04/14/2022 17:13	WG1848590
1,1-Dichloroethane	U		0.000100	0.00100	1	04/14/2022 17:13	WG1848590
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/14/2022 17:13	WG1848590
1,1-Dichloroethene	U		0.000188	0.00100	1	04/14/2022 17:13	WG1848590
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/14/2022 17:13	WG1848590
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/14/2022 17:13	WG1848590
1,2-Dichloropropane	U		0.000149	0.00100	1	04/14/2022 17:13	WG1848590
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/14/2022 17:13	WG1848590
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/14/2022 17:13	WG1848590
Ethylbenzene	U		0.000137	0.00100	1	04/14/2022 17:13	WG1848590
Isopropylbenzene	U		0.000105	0.00100	1	04/14/2022 17:13	WG1848590
p-Isopropyltoluene	U		0.000120	0.00100	1	04/14/2022 17:13	WG1848590
2-Butanone (MEK)	U		0.00119	0.0100	1	04/14/2022 17:13	WG1848590
2-Hexanone	U		0.000787	0.0100	1	04/14/2022 17:13	WG1848590
Methylene Chloride	U		0.000430	0.00500	1	04/14/2022 17:13	WG1848590
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/14/2022 17:13	WG1848590
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/14/2022 17:13	WG1848590
Naphthalene	U		0.00100	0.00500	1	04/14/2022 17:13	WG1848590
n-Propylbenzene	U		0.0000993	0.00100	1	04/14/2022 17:13	WG1848590
Styrene	U		0.000118	0.00100	1	04/14/2022 17:13	WG1848590
tert-Butyl alcohol	U		0.00406	0.00500	1	04/14/2022 17:13	WG1848590
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/14/2022 17:13	WG1848590
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/14/2022 17:13	WG1848590

UG-2
Collected date/time: 04/11/22 15:30
L1481749

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Tetrachloroethene	U		0.000300	0.00100	1	04/14/2022 17:13	WG1848590
Toluene	U		0.000278	0.00100	1	04/14/2022 17:13	WG1848590
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/14/2022 17:13	WG1848590
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/14/2022 17:13	WG1848590
Trichloroethene	U		0.000190	0.00100	1	04/14/2022 17:13	WG1848590
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/14/2022 17:13	WG1848590
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/14/2022 17:13	WG1848590
Vinyl chloride	U		0.000234	0.00100	1	04/14/2022 17:13	WG1848590
o-Xylene	U		0.000174	0.00100	1	04/14/2022 17:13	WG1848590
m&p-Xylene	U		0.000430	0.00200	1	04/14/2022 17:13	WG1848590
Xylenes, Total	U		0.000174	0.00300	1	04/14/2022 17:13	WG1848590
(S) Toluene-d8	*108*			*80.0-120*		*04/14/2022 17:13*	WG1848590
(S) 4-Bromofluorobenzene	*96.8*			*77.0-126*		*04/14/2022 17:13*	WG1848590
(S) 1,2-Dichloroethane-d4	*86.1*			*70.0-130*		*04/14/2022 17:13*	WG1848590

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	U		0.0247	0.100	1	04/19/2022 17:58	WG1849080
(S) o-Terphenyl	*66.3*			*31.0-160*		*04/19/2022 17:58*	WG1849080

Method Blank (MB)

(MB) R3781663-1 04/13/22 19:07

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Dissolved Solids	U		10.0	10.0

L1481588-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1481588-01 04/13/22 19:07 • (DUP) R3781663-3 04/13/22 19:07

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Dissolved Solids	1380	1400	1	1.44		5

L1481749-04 Original Sample (OS) • Duplicate (DUP)

(OS) L1481749-04 04/13/22 19:07 • (DUP) R3781663-4 04/13/22 19:07

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Dissolved Solids	1950	1950	1	0.000		5

Laboratory Control Sample (LCS)

(LCS) R3781663-2 04/13/22 19:07

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Dissolved Solids	8800	8580	97.5	77.4-123	

Method Blank (MB)

(MB) R3782396-1 04/18/22 23:47

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Nitrate-Nitrite	U		0.0500	0.100

L1481749-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1481749-02 04/18/22 23:55 • (DUP) R3782396-3 04/18/22 23:56

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Nitrate-Nitrite	0.307	0.312	1	1.62		20

L1481889-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1481889-01 04/19/22 00:06 • (DUP) R3782396-7 04/19/22 00:07

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Nitrate-Nitrite	1.40	1.44	1	2.82		20

Laboratory Control Sample (LCS)

(LCS) R3782396-2 04/18/22 23:48

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Nitrate-Nitrite	2.50	2.57	103	90.0-110	

L1481749-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1481749-02 04/18/22 23:55 • (MS) R3782396-4 04/18/22 23:57 • (MSD) R3782396-10 04/19/22 00:19

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Nitrate-Nitrite	2.50	0.307	2.77	2.89	98.5	103	1	90.0-110			4.24	20

L1481889-01 Original Sample (OS) • Matrix Spike (MS)

(OS) L1481889-01 04/19/22 00:06 • (MS) R3782396-9 04/19/22 00:09

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Nitrate-Nitrite	2.50	1.40	3.84	97.6	1	90.0-110	

Method Blank (MB)

(MB) R3783127-1 04/20/22 12:30

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Cyanide	U		0.00180	0.00500

L1481416-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1481416-01 04/20/22 12:37 • (DUP) R3783127-3 04/20/22 12:38

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Cyanide	U	U	1	0.000		20

L1481772-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1481772-01 04/20/22 12:46 • (DUP) R3783127-6 04/20/22 12:47

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Cyanide	U	U	1	0.000		20

Laboratory Control Sample (LCS)

(LCS) R3783127-2 04/20/22 12:32

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Cyanide	0.100	0.0961	96.1	87.1-120	

L1481519-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1481519-01 04/20/22 12:39 • (MS) R3783127-4 04/20/22 12:40 • (MSD) R3783127-5 04/20/22 12:43

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Cyanide	0.100	U	0.0890	0.0932	89.0	93.2	1	90.0-110	J6		4.61	20

L1481772-03 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1481772-03 04/20/22 12:49 • (MS) R3783127-7 04/20/22 12:50 • (MSD) R3783127-8 04/20/22 12:51

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Cyanide	0.100	U	0.0881	0.100	88.1	100	1	90.0-110	J6		12.7	20

Method Blank (MB)

(MB) R3783521-1 04/21/22 09:48

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Cyanide	U		0.00180	0.00500

L1481682-04 Original Sample (OS) • Duplicate (DUP)

(OS) L1481682-04 04/21/22 09:56 • (DUP) R3783521-3 04/21/22 09:57

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Cyanide	U	U	1	0.000		20

L1481749-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1481749-02 04/21/22 10:09 • (DUP) R3783521-6 04/21/22 10:12

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Cyanide	U	U	1	0.000		20

Laboratory Control Sample (LCS)

(LCS) R3783521-2 04/21/22 09:49

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Cyanide	0.100	0.104	104	87.1-120	

L1481749-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1481749-01 04/21/22 10:06 • (MS) R3783521-4 04/21/22 10:07 • (MSD) R3783521-5 04/21/22 10:08

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Cyanide	0.100	U	0.0976	0.0961	97.6	96.1	1	90.0-110			1.55	20

L1481948-04 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1481948-04 04/21/22 10:15 • (MS) R3783521-7 04/21/22 10:16 • (MSD) R3783521-8 04/21/22 10:17

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Cyanide	0.100	U	0.101	0.101	101	101	1	90.0-110			0.000	20

Method Blank (MB)

(MB) R3781827-1 04/14/22 09:49

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Chloride	U		0.379	1.00
Fluoride	U		0.0640	0.150
Sulfate	U		0.594	5.00

L1481948-07 Original Sample (OS) • Duplicate (DUP)

(OS) L1481948-07 04/15/22 01:59 • (DUP) R3781827-3 04/15/22 02:18

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	6.61	6.60	1	0.238		15
Fluoride	U	U	1	0.000		15
Sulfate	1.64	1.64	1	0.000		15

L1481953-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1481953-02 04/15/22 04:30 • (DUP) R3781827-6 04/15/22 04:49

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	14.1	14.1	1	0.208		15

Laboratory Control Sample (LCS)

(LCS) R3781827-2 04/14/22 10:08

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Chloride	40.0	39.4	98.5	80.0-120	
Fluoride	8.00	8.13	102	80.0-120	
Sulfate	40.0	39.6	99.0	80.0-120	

L1481948-07 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1481948-07 04/15/22 01:59 • (MS) R3781827-4 04/15/22 02:36 • (MSD) R3781827-5 04/15/22 02:55

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Chloride	50.0	6.61	53.4	53.4	93.5	93.6	1	80.0-120			0.0554	15
Fluoride	5.00	U	4.54	4.54	90.8	90.7	1	80.0-120			0.0286	15
Sulfate	50.0	1.64	47.2	47.4	91.1	91.6	1	80.0-120			0.538	15

Received by OCD: 6/14/2023 2:07:46 PM

L1481953-02 Original Sample (OS) • Matrix Spike (MS)

(OS) L1481953-02 04/15/22 04:30 • (MS) R3781827-7 04/15/22 05:46

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Chloride	50.0	14.1	62.1	96.1	1	80.0-120	

Released to Imaging: 10/3/2023 9:38:32 AM

Method Blank (MB)

(MB) R3785076-1 04/26/22 09:07

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Mercury	U		0.000100	0.000200

Laboratory Control Sample (LCS)

(LCS) R3785076-2 04/26/22 09:09

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Mercury	0.00300	0.00308	103	80.0-120	

L1481749-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1481749-02 04/26/22 09:11 • (MS) R3785076-3 04/26/22 09:13 • (MSD) R3785076-4 04/26/22 09:16

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Mercury	0.00300	U	0.00296	0.00286	98.7	95.3	1	75.0-125			3.44	20

Method Blank (MB)

(MB) R3783691-1 04/21/22 13:25

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Mercury,Dissolved	U		0.000100	0.000200

Laboratory Control Sample (LCS)

(LCS) R3783691-2 04/21/22 13:27

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Mercury,Dissolved	0.00300	0.00295	98.5	80.0-120	

L1481749-03 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1481749-03 04/21/22 13:29 • (MS) R3783691-3 04/21/22 13:30 • (MSD) R3783691-4 04/21/22 13:32

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Mercury,Dissolved	0.00300	U	0.00278	0.00280	92.6	93.3	1	75.0-125			0.825	20

Method Blank (MB)

(MB) R3784838-1 04/25/22 14:33

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Boron	U		0.0200	0.200

Laboratory Control Sample (LCS)

(LCS) R3784838-2 04/25/22 14:35

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Boron	1.00	0.955	95.5	80.0-120	

L1481743-04 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1481743-04 04/25/22 14:38 • (MS) R3784838-4 04/25/22 14:43 • (MSD) R3784838-5 04/25/22 14:46

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Boron	1.00	0.223	1.18	1.17	95.9	94.6	1	75.0-125			1.10	20

Method Blank (MB)

(MB) R3782694-1 04/19/22 09:50

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Boron,Dissolved	U		0.0200	0.200

Laboratory Control Sample (LCS)

(LCS) R3782694-2 04/19/22 09:52

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Boron,Dissolved	1.00	0.957	95.7	80.0-120	

L1481749-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1481749-01 04/19/22 09:56 • (MS) R3782694-4 04/19/22 10:01 • (MSD) R3782694-5 04/19/22 10:04

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Boron,Dissolved	1.00	0.182	1.17	1.15	98.6	97.2	1	75.0-125			1.16	20

Method Blank (MB)

(MB) R3782868-1 04/19/22 19:48

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Arsenic	U		0.000180	0.00200
Barium	0.000418	J	0.000381	0.00200
Cadmium	U		0.000150	0.00100
Calcium	U		0.0936	1.00
Chromium	U		0.00124	0.00200
Cobalt	U		0.0000596	0.00200
Iron	U		0.0281	0.100
Lead	U		0.000849	0.00200
Manganese	0.00114	J	0.000704	0.00500
Nickel	U		0.000816	0.00200
Potassium	U		0.108	2.00
Selenium	U		0.000300	0.00200
Sodium	U		0.376	2.00
Uranium	U		0.0000789	0.00100
Vanadium	U		0.000664	0.00500

Laboratory Control Sample (LCS)

(LCS) R3782868-2 04/19/22 19:52

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Arsenic	0.0500	0.0516	103	80.0-120	
Barium	0.0500	0.0506	101	80.0-120	
Cadmium	0.0500	0.0516	103	80.0-120	
Calcium	5.00	5.07	101	80.0-120	
Chromium	0.0500	0.0591	118	80.0-120	
Cobalt	0.0500	0.0530	106	80.0-120	
Iron	5.00	5.26	105	80.0-120	
Lead	0.0500	0.0507	101	80.0-120	
Manganese	0.0500	0.0533	107	80.0-120	
Nickel	0.0500	0.0568	114	80.0-120	
Potassium	5.00	4.94	98.8	80.0-120	
Selenium	0.0500	0.0495	99.1	80.0-120	
Sodium	5.00	5.22	104	80.0-120	
Uranium	0.0500	0.0487	97.4	80.0-120	
Vanadium	0.0500	0.0528	106	80.0-120	

L1481749-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1481749-01 04/19/22 20:40 • (MS) R3782868-7 04/19/22 20:48 • (MSD) R3782868-8 04/19/22 20:52

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Arsenic	0.0500	0.00149	0.0533	0.0528	104	103	1	75.0-125			0.923	20
Barium	0.0500	0.0191	0.0723	0.0722	106	106	1	75.0-125			0.163	20
Cadmium	0.0500	U	0.0526	0.0524	105	105	1	75.0-125			0.314	20
Calcium	5.00	529	528	531	0.000	30.2	1	75.0-125	V	V	0.506	20
Chromium	0.0500	U	0.0601	0.0538	120	108	1	75.0-125			11.2	20
Cobalt	0.0500	0.0000759	0.0518	0.0518	103	103	1	75.0-125			0.0889	20
Iron	5.00	U	5.22	5.17	104	103	1	75.0-125			1.01	20
Lead	0.0500	U	0.0511	0.0500	102	100	1	75.0-125			2.16	20
Manganese	0.0500	0.000775	0.0515	0.0509	102	100	1	75.0-125			1.15	20
Nickel	0.0500	U	0.0557	0.0531	111	106	1	75.0-125			4.63	20
Potassium	5.00	2.01	6.86	6.90	97.1	97.8	1	75.0-125			0.561	20
Selenium	0.0500	0.00472	0.0554	0.0567	101	104	1	75.0-125			2.42	20
Sodium	5.00	31.9	37.3	37.3	109	109	1	75.0-125			0.0661	20
Uranium	0.0500	0.0273	0.0800	0.0798	105	105	1	75.0-125			0.190	20
Vanadium	0.0500	0.00900	0.0629	0.0625	108	107	1	75.0-125			0.715	20

Method Blank (MB)

(MB) R3782436-1 04/18/22 21:14

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Arsenic,Dissolved	U		0.000180	0.00200
Barium,Dissolved	U		0.000381	0.00200
Cadmium,Dissolved	U		0.000150	0.00100
Chromium,Dissolved	U		0.00124	0.00200
Cobalt,Dissolved	U		0.0000596	0.00200
Iron,Dissolved	U		0.0281	0.100
Lead,Dissolved	U		0.000849	0.00200
Manganese,Dissolved	U		0.000704	0.00500
Nickel,Dissolved	U		0.000816	0.00200
Selenium,Dissolved	U		0.000300	0.00200
Uranium,Dissolved	U		0.0000789	0.00100
Vanadium,Dissolved	U		0.000664	0.00500

Laboratory Control Sample (LCS)

(LCS) R3782436-2 04/18/22 21:18

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Arsenic,Dissolved	0.0500	0.0464	92.7	80.0-120	
Barium,Dissolved	0.0500	0.0466	93.1	80.0-120	
Cadmium,Dissolved	0.0500	0.0506	101	80.0-120	
Chromium,Dissolved	0.0500	0.0484	96.8	80.0-120	
Cobalt,Dissolved	0.0500	0.0484	96.8	80.0-120	
Iron,Dissolved	5.00	4.84	96.8	80.0-120	
Lead,Dissolved	0.0500	0.0476	95.2	80.0-120	
Manganese,Dissolved	0.0500	0.0485	97.1	80.0-120	
Nickel,Dissolved	0.0500	0.0496	99.2	80.0-120	
Selenium,Dissolved	0.0500	0.0474	94.7	80.0-120	
Uranium,Dissolved	0.0500	0.0495	98.9	80.0-120	
Vanadium,Dissolved	0.0500	0.0484	96.9	80.0-120	

L1479879-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1479879-01 04/18/22 21:21 • (MS) R3782436-4 04/18/22 21:28 • (MSD) R3782436-5 04/18/22 21:32

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Arsenic,Dissolved	0.0500	0.000862	0.0511	0.0508	101	99.9	1	75.0-125			0.607	20
Barium,Dissolved	0.0500	0.141	0.196	0.199	110	116	1	75.0-125			1.60	20
Cadmium,Dissolved	0.0500	U	0.0516	0.0517	103	103	1	75.0-125			0.146	20

L1479879-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1479879-01 04/18/22 21:21 • (MS) R3782436-4 04/18/22 21:28 • (MSD) R3782436-5 04/18/22 21:32

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Chromium,Dissolved	0.0500	U	0.0509	0.0512	102	102	1	75.0-125			0.569	20
Cobalt,Dissolved	0.0500	0.0000875	0.0506	0.0517	101	103	1	75.0-125			2.09	20
Iron,Dissolved	5.00	U	5.05	5.10	101	102	1	75.0-125			1.06	20
Lead,Dissolved	0.0500	U	0.0502	0.0498	100	99.6	1	75.0-125			0.874	20
Manganese,Dissolved	0.0500	U	0.0498	0.0514	99.5	103	1	75.0-125			3.21	20
Nickel,Dissolved	0.0500	U	0.0517	0.0520	103	104	1	75.0-125			0.523	20
Selenium,Dissolved	0.0500	0.000366	0.0478	0.0484	94.8	96.1	1	75.0-125			1.38	20
Uranium,Dissolved	0.0500	0.00330	0.0556	0.0551	105	104	1	75.0-125			0.835	20
Vanadium,Dissolved	0.0500	0.00502	0.0557	0.0577	101	105	1	75.0-125			3.48	20

Method Blank (MB)

(MB) R3783968-1 04/21/22 23:55

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Arsenic,Dissolved	U		0.000180	0.00200
Barium,Dissolved	U		0.000381	0.00200
Cadmium,Dissolved	U		0.000150	0.00100
Chromium,Dissolved	U		0.00124	0.00200
Cobalt,Dissolved	U		0.0000596	0.00200
Iron,Dissolved	U		0.0281	0.100
Lead,Dissolved	U		0.000849	0.00200
Manganese,Dissolved	U		0.000704	0.00500
Selenium,Dissolved	U		0.000300	0.00200
Uranium,Dissolved	U		0.0000789	0.00100
Vanadium,Dissolved	U		0.000664	0.00500

Method Blank (MB)

(MB) R3784552-1 04/24/22 22:55

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Nickel,Dissolved	U		0.000816	0.00200

Laboratory Control Sample (LCS)

(LCS) R3783968-2 04/21/22 23:59

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Arsenic,Dissolved	0.0500	0.0473	94.7	80.0-120	
Barium,Dissolved	0.0500	0.0439	87.8	80.0-120	
Cadmium,Dissolved	0.0500	0.0515	103	80.0-120	
Chromium,Dissolved	0.0500	0.0501	100	80.0-120	
Cobalt,Dissolved	0.0500	0.0501	100	80.0-120	
Iron,Dissolved	5.00	5.16	103	80.0-120	
Lead,Dissolved	0.0500	0.0476	95.3	80.0-120	
Manganese,Dissolved	0.0500	0.0488	97.6	80.0-120	
Selenium,Dissolved	0.0500	0.0492	98.4	80.0-120	
Uranium,Dissolved	0.0500	0.0454	90.8	80.0-120	
Vanadium,Dissolved	0.0500	0.0501	100	80.0-120	

Laboratory Control Sample (LCS)

(LCS) R3784552-2 04/24/22 22:58

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Nickel,Dissolved	0.0500	0.0525	105	80.0-120	

L1482976-25 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1482976-25 04/22/22 00:02 • (MS) R3783968-4 04/22/22 00:08 • (MSD) R3783968-5 04/22/22 00:12

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Arsenic,Dissolved	0.0500	0.00654	0.0530	0.0538	93.0	94.5	1	75.0-125			1.36	20
Barium,Dissolved	0.0500	0.470	0.514	0.515	89.3	90.4	1	75.0-125			0.106	20
Cadmium,Dissolved	0.0500	0.000220	0.0502	0.0514	100	102	1	75.0-125			2.29	20
Chromium,Dissolved	0.0500	U	0.0490	0.0494	98.1	98.9	1	75.0-125			0.800	20
Cobalt,Dissolved	0.0500	0.000265	0.0490	0.0492	97.4	97.8	1	75.0-125			0.371	20
Iron,Dissolved	5.00	1.99	6.92	7.01	98.5	100	1	75.0-125			1.38	20
Lead,Dissolved	0.0500	U	0.0483	0.0492	96.5	98.5	1	75.0-125			1.96	20
Manganese,Dissolved	0.0500	0.897	0.916	0.904	37.2	13.9	1	75.0-125	V	V	1.28	20
Selenium,Dissolved	0.0500	0.000394	0.0500	0.0524	99.2	104	1	75.0-125			4.65	20
Uranium,Dissolved	0.0500	0.0353	0.0824	0.0841	94.2	97.6	1	75.0-125			2.04	20
Vanadium,Dissolved	0.0500	0.00133	0.0503	0.0503	98.0	97.9	1	75.0-125			0.140	20

L1482976-25 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1482976-25 04/24/22 23:01 • (MS) R3784552-4 04/24/22 23:08 • (MSD) R3784552-5 04/24/22 23:11

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Nickel,Dissolved	0.0500	0.00186	0.0497	0.0502	95.7	96.6	1	75.0-125			0.877	20

Received by OCD: 6/14/2023 2:07:46 PM

Method Blank (MB)

(MB) R3780834-2 04/13/22 19:29

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
TPH (GC/FID) Low Fraction	0.0368	J	0.0314	0.100
(S) a,a,a-Trifluorotoluene(FID)	*96.3*			*78.0-120*

Laboratory Control Sample (LCS)

(LCS) R3780834-1 04/13/22 17:45

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
TPH (GC/FID) Low Fraction	5.50	6.25	114	72.0-127	
(S) a,a,a-Trifluorotoluene(FID)			*106*	*78.0-120*	

Released to Imaging: 10/3/2023 9:38:32 AM

Method Blank (MB)

(MB) R3782286-2 04/14/22 11:34

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Acetone	U		0.0113	0.0500
Benzene	U		0.0000941	0.00100
Bromodichloromethane	U		0.000136	0.00100
Bromoform	U		0.000129	0.00100
Bromomethane	U		0.000605	0.00500
n-Butylbenzene	U		0.000157	0.00100
sec-Butylbenzene	U		0.000125	0.00100
Carbon disulfide	U		0.0000962	0.00100
Carbon tetrachloride	U		0.000128	0.00100
Chlorobenzene	U		0.000116	0.00100
Chlorodibromomethane	U		0.000140	0.00100
Chloroethane	U		0.000192	0.00500
Chloroform	U		0.000111	0.00500
Chloromethane	U		0.000960	0.00250
1,2-Dibromoethane	U		0.000126	0.00100
1,1-Dichloroethane	U		0.000100	0.00100
1,2-Dichloroethane	U		0.0000819	0.00100
1,1-Dichloroethene	U		0.000188	0.00100
cis-1,2-Dichloroethene	U		0.000126	0.00100
trans-1,2-Dichloroethene	U		0.000149	0.00100
1,2-Dichloropropane	U		0.000149	0.00100
cis-1,3-Dichloropropene	U		0.000111	0.00100
trans-1,3-Dichloropropene	U		0.000118	0.00100
Ethylbenzene	U		0.000137	0.00100
Isopropylbenzene	U		0.000105	0.00100
p-Isopropyltoluene	U		0.000120	0.00100
2-Butanone (MEK)	U		0.00119	0.0100
2-Hexanone	U		0.000787	0.0100
Methylene Chloride	U		0.000430	0.00500
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100
Methyl tert-butyl ether	U		0.000101	0.00100
Naphthalene	U		0.00100	0.00500
n-Propylbenzene	U		0.0000993	0.00100
Styrene	U		0.000118	0.00100
tert-Butyl alcohol	U		0.00406	0.00500
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100
Tetrachloroethene	U		0.000300	0.00100
Toluene	U		0.000278	0.00100
1,1,1-Trichloroethane	U		0.000149	0.00100

Method Blank (MB)

(MB) R3782286-2 04/14/22 11:34

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
1,1,2-Trichloroethane	U		0.000158	0.00100
Trichloroethene	U		0.000190	0.00100
1,2,4-Trimethylbenzene	U		0.000322	0.00100
1,3,5-Trimethylbenzene	U		0.000104	0.00100
Vinyl chloride	U		0.000234	0.00100
o-Xylene	U		0.000174	0.00100
m&p-Xylenes	U		0.000430	0.00200
Xylenes, Total	U		0.000174	0.00300
(S) Toluene-d8	*108*			*80.0-120*
(S) 4-Bromofluorobenzene	*100*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*87.7*			*70.0-130*

Laboratory Control Sample (LCS)

(LCS) R3782286-1 04/14/22 10:32

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Acetone	0.0250	0.0174	69.6	19.0-160	
Benzene	0.00500	0.00524	105	70.0-123	
Bromodichloromethane	0.00500	0.00449	89.8	75.0-120	
Bromoform	0.00500	0.00337	67.4	68.0-132	J4
Bromomethane	0.00500	0.00536	107	10.0-160	
n-Butylbenzene	0.00500	0.00488	97.6	73.0-125	
sec-Butylbenzene	0.00500	0.00566	113	75.0-125	
Carbon disulfide	0.00500	0.00583	117	61.0-128	
Carbon tetrachloride	0.00500	0.00520	104	68.0-126	
Chlorobenzene	0.00500	0.00530	106	80.0-121	
Chlorodibromomethane	0.00500	0.00453	90.6	77.0-125	
Chloroethane	0.00500	0.00686	137	47.0-150	
Chloroform	0.00500	0.00533	107	73.0-120	
Chloromethane	0.00500	0.00496	99.2	41.0-142	
1,2-Dibromoethane	0.00500	0.00516	103	80.0-122	
1,1-Dichloroethane	0.00500	0.00509	102	70.0-126	
1,2-Dichloroethane	0.00500	0.00515	103	70.0-128	
1,1-Dichloroethene	0.00500	0.00589	118	71.0-124	
cis-1,2-Dichloroethene	0.00500	0.00519	104	73.0-120	
trans-1,2-Dichloroethene	0.00500	0.00575	115	73.0-120	
1,2-Dichloropropane	0.00500	0.00529	106	77.0-125	
cis-1,3-Dichloropropene	0.00500	0.00460	92.0	80.0-123	

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

Laboratory Control Sample (LCS)

(LCS) R3782286-1 04/14/22 10:32

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
trans-1,3-Dichloropropene	0.00500	0.00436	87.2	78.0-124	
Ethylbenzene	0.00500	0.00514	103	79.0-123	
Isopropylbenzene	0.00500	0.00466	93.2	76.0-127	
p-Isopropyltoluene	0.00500	0.00510	102	76.0-125	
2-Butanone (MEK)	0.0250	0.0205	82.0	44.0-160	
2-Hexanone	0.0250	0.0239	95.6	67.0-149	
Methylene Chloride	0.00500	0.00520	104	67.0-120	
4-Methyl-2-pentanone (MIBK)	0.0250	0.0237	94.8	68.0-142	
Methyl tert-butyl ether	0.00500	0.00490	98.0	68.0-125	
Naphthalene	0.00500	0.00345	69.0	54.0-135	
n-Propylbenzene	0.00500	0.00583	117	77.0-124	
Styrene	0.00500	0.00407	81.4	73.0-130	
tert-Butyl alcohol	0.0250	0.0169	67.6	27.0-160	
1,1,1,2-Tetrachloroethane	0.00500	0.00480	96.0	75.0-125	
1,1,2,2-Tetrachloroethane	0.00500	0.00538	108	65.0-130	
Tetrachloroethene	0.00500	0.00542	108	72.0-132	
Toluene	0.00500	0.00547	109	79.0-120	
1,1,1-Trichloroethane	0.00500	0.00524	105	73.0-124	
1,1,2-Trichloroethane	0.00500	0.00539	108	80.0-120	
Trichloroethene	0.00500	0.00572	114	78.0-124	
1,2,4-Trimethylbenzene	0.00500	0.00514	103	76.0-121	
1,3,5-Trimethylbenzene	0.00500	0.00559	112	76.0-122	
Vinyl chloride	0.00500	0.00544	109	67.0-131	
o-Xylene	0.00500	0.00475	95.0	80.0-122	
m&p-Xylenes	0.0100	0.00998	99.8	80.0-122	
Xylenes, Total	0.0150	0.0147	98.0	79.0-123	
(S) Toluene-d8			*110*	*80.0-120*	
(S) 4-Bromofluorobenzene			*94.6*	*77.0-126*	
(S) 1,2-Dichloroethane-d4			*89.4*	*70.0-130*	

Received by OCD: 6/14/2023 2:07:46 PM

Method Blank (MB)

(MB) R3782723-1 04/19/22 00:56

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
TPH (GC/FID) High Fraction	U		0.0247	0.100
(S) o-Terphenyl	*46.5*			*31.0-160*

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

(LCS) R3782723-2 04/19/22 01:22 • (LCSD) R3782723-3 04/19/22 01:48

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
TPH (GC/FID) High Fraction	1.50	1.17	1.23	78.0	82.0	50.0-150			5.00	20
(S) o-Terphenyl				*88.0*	*81.0*	*31.0-160*				

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Method Blank (MB)

(MB) R3782046-1 04/17/22 14:23

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
TPH (GC/FID) High Fraction	U		0.0247	0.100
(S) o-Terphenyl	*102*			*31.0-160*

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

(LCS) R3782046-2 04/17/22 14:43 • (LCSD) R3782046-3 04/17/22 15:03

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
TPH (GC/FID) High Fraction	1.50	1.74	1.77	116	118	50.0-150			1.71	20
(S) o-Terphenyl				*129*	*131*	*31.0-160*				

Received by OCD: 6/14/2023 2:07:46 PM

Method Blank (MB)

(MB) R3781899-2 04/16/22 14:03

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
1,4-Dioxane	U		0.0000447	0.000400
(S) Nitrobenzene-d5	*72.1*			*10.0-120*

Laboratory Control Sample (LCS)

(LCS) R3781899-1 04/16/22 13:44

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
1,4-Dioxane	0.0500	0.0535	107	73.0-146	
(S) Nitrobenzene-d5			*68.1*	*10.0-120*	

L1481024-13 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1481024-13 04/16/22 20:32 • (MS) R3781899-3 04/16/22 20:51 • (MSD) R3781899-4 04/16/22 21:11

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
1,4-Dioxane	0.0476	0.000835	0.0520	0.0517	107	107	1	38.0-160			0.579	21
(S) Nitrobenzene-d5					*65.9*	*68.9*		*10.0-120*				

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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.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
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
B	The same analyte is found in the associated blank.
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.
J6	The sample matrix interfered with the ability to make any accurate determination; spike value is low.
V	The sample concentration is too high to evaluate accurate spike recoveries.

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.

TRC Solutions - Austin, TX
505 E. Huntland Dr, Ste 250
Austin, TX 78752

Billing Information:
Accounts Payable
21 Griffin Road North
Windsor, CT 06095
apinvoiceapproval@trcsolutions.com

Report to: **Julie Speer**

Email To: **jspeer@trccompanies.com**

Project Description: **Artesia Spring 2022**

City/State Collected: **Artesia, NM**

Phone: **512-684-3170**
Fax:

Client Project #

Lab Project #: **TRCATX-ARTESIA**

Collected by (print): **Scott Ude/HMI Team**

Site/Facility ID #: **(Navajo - Artesia)**

P.O. #

Collected by (signature): Scott Ude

Immediately Packed on Ice N ___ Y ✓

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote #

Date Results Needed

Pres Chk

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260OXY - 40mlAmb HCl	DROLVI- 40mlAmb-HCl-BT	GRO - 40mlAmb HCl	Total/Diss. Short List Metals	Anions. TDS - 500mlHDPE-NoPres	NO2NO3 - 250mlHDPE-H2SO4	Total /Diss. Long List Metals	Cyanide - 250mlHDPEAmb-NaOH	EDB - 40mlClr-NaThio	8270DIOXANE - 100ml Amb-NoPres	Remarks	Sample # (lab only)
~~MW-135~~	~~Grab~~	~~GW~~				13	X	X	X	X	X	X				X		
~~MW-147~~	~~Grab~~	~~GW~~				10	X	X	X	X	X							
~~MW-148~~	~~Grab~~	~~GW~~				10	X	X	X	X	X							
UG-3R	Grab	GW		4/11/22	1810	12	X	X	X		X	X	X	X				-01
UG-4	Grab	GW		4/11/22	1710	12	X	X	X		X	X	X	X				-02
UG-1	Grab	GW		4/11/22	1625	14	X	X	X		X	X	X	X		X		-03
UG-2	Grab	GW		4/11/22	1530	12	X	X			X	X	X	X				-04
~~DUP-REST-02~~	~~Grab~~	~~GW~~				16	X	X	X	X	X	X			X	X		
~~EB-REST-02~~	~~Grab~~	~~GW~~				16	X	X	X	X	X	X			X	X		
~~DUP-REST-04~~	~~Grab~~	~~GW~~				10	X	X	X	X	X							

Chain of Custody Page ~~17 of 25~~ 1 of 1 SUB

Pace Analytical® National Center for Testing & Innovation

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

L# L1481749
A232

Acctnum: TRCATX
Template: T206518
Prelogin: P915556
TSR: 526
PB:

Shipped Via:

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

Remarks: Diss. Metals are Field Filtered (Shipment #1 is just one cooler total)

pH _____ Temp _____

Flow _____ Other _____

Samples returned via:
__ UPS ✓ FedEx __ Courier __ _____

Tracking # 5719 6175 6818

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

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR
Scott Ude	4/12/22	0700		
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: MS 4.2 °C Bottles Received: 1.8 + 0 = 1.8 50
				If preservation required by Login: Date/Time
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 4/13/22 Time: 0945
			Matt Lin	Hold: Condition: NCF / OK

ANALYTICAL REPORT

May 16, 2022

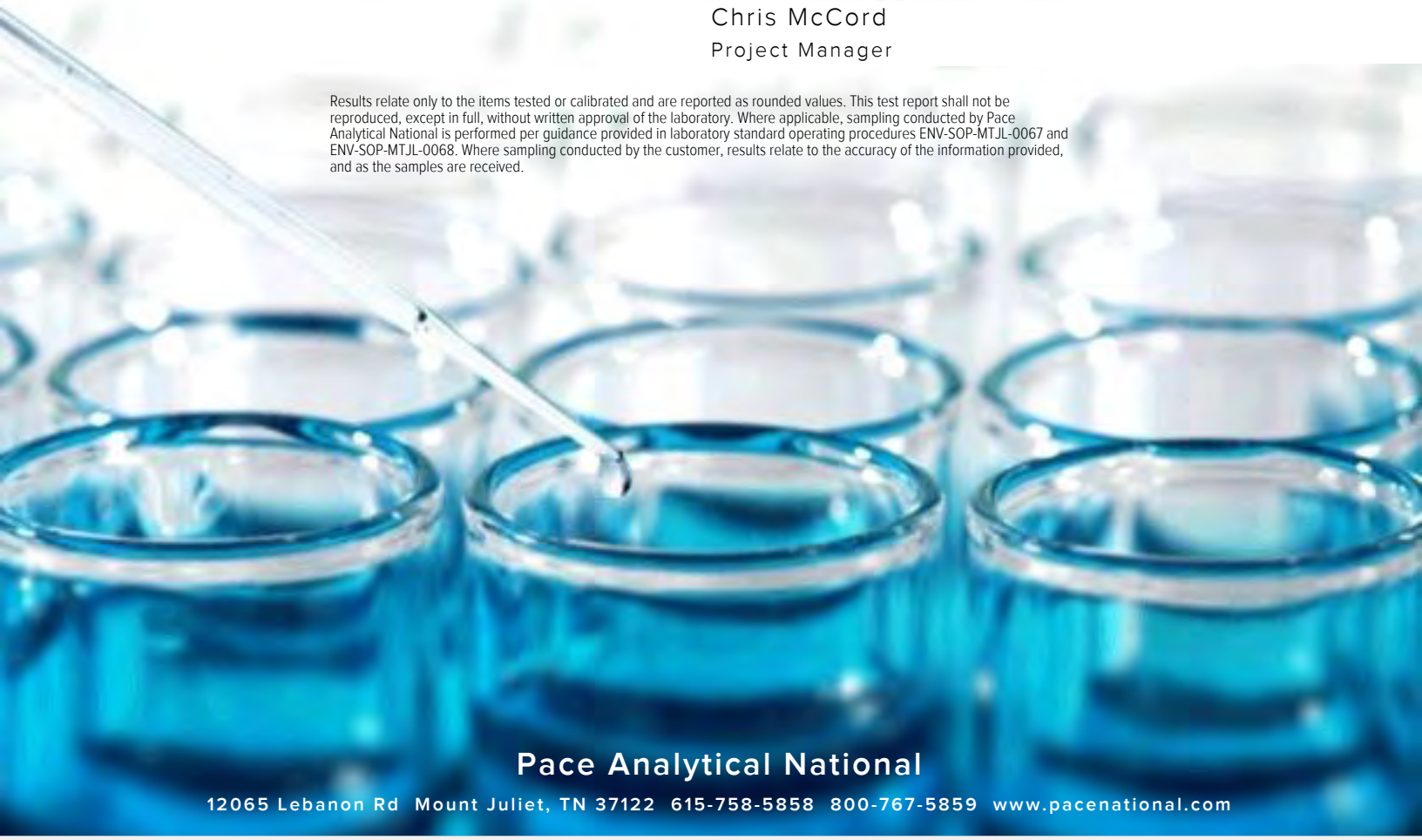
TRC Solutions - Austin, TX

Sample Delivery Group:	L1482988
Samples Received:	04/15/2022
Project Number:	
Description:	Artesia Spring 2022
Site:	(NAVAJO - ARTESIA)
Report To:	Julie Speer 505 E. Huntland Dr, Ste 250 Austin, TX 78752

Entire Report Reviewed By:

Chris McCord
Project Manager

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



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

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MW-6A L1482988-01 GW

Collected by: Scott Ude / HMI Team | Collected date/time: 04/13/22 12:35 | Received date/time: 04/15/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG1849696	1	04/16/22 22:14	04/17/22 04:51	MMF	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1851912	1	04/21/22 21:51	04/21/22 21:51	CAT	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1850743	10	04/20/22 01:50	04/20/22 01:50	RAF	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1850743	100	04/20/22 02:05	04/20/22 02:05	RAF	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850297	1	04/21/22 10:28	04/26/22 01:28	JPD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850332	1	04/21/22 10:08	04/25/22 22:23	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1850529	1	04/19/22 13:30	04/19/22 13:30	BMB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1849677	1	04/17/22 02:52	04/17/22 02:52	JCP	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG1853529	1	04/25/22 13:29	04/26/22 19:28	TJD	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270 C-mod	WG1849821	1	04/18/22 15:02	04/19/22 03:19	AMG	Mt. Juliet, TN

MW-120 L1482988-02 GW

Collected by: Scott Ude / HMI Team | Collected date/time: 04/13/22 11:40 | Received date/time: 04/15/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG1849696	1	04/16/22 22:14	04/17/22 04:51	MMF	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1851912	1	04/21/22 21:59	04/21/22 21:59	CAT	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1850743	10	04/20/22 02:20	04/20/22 02:20	RAF	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1850743	100	04/20/22 02:36	04/20/22 02:36	RAF	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850297	1	04/21/22 10:28	04/26/22 01:31	JPD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850332	1	04/21/22 10:08	04/25/22 22:27	LD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850332	5	04/21/22 10:08	04/26/22 00:57	SJM	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1850529	1	04/19/22 13:52	04/19/22 13:52	BMB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1849677	1	04/17/22 03:13	04/17/22 03:13	JCP	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG1853529	1	04/25/22 13:29	04/27/22 13:38	MWS	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270 C-mod	WG1849821	1	04/18/22 15:02	04/19/22 06:10	AMG	Mt. Juliet, TN

MW-121 L1482988-03 GW

Collected by: Scott Ude / HMI Team | Collected date/time: 04/13/22 10:45 | Received date/time: 04/15/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG1850373	1	04/18/22 16:31	04/18/22 17:29	MMF	Mt. Juliet, TN
Gravimetric Analysis by Method 2540 C-2011	WG1862144	1	05/11/22 10:12	05/11/22 12:13	AEC	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1851912	1	04/21/22 22:00	04/21/22 22:00	CAT	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1850743	10	04/20/22 02:51	04/20/22 02:51	RAF	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1850743	100	04/20/22 03:07	04/20/22 03:07	RAF	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850297	1	04/21/22 10:28	04/25/22 21:47	JPD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850332	1	04/21/22 10:08	04/25/22 22:30	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1850529	1	04/19/22 14:13	04/19/22 14:13	BMB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1849677	1	04/17/22 03:34	04/17/22 03:34	JCP	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG1853529	1	04/25/22 13:29	04/27/22 13:18	MWS	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270 C-mod	WG1849821	1	04/18/22 15:02	04/19/22 03:38	AMG	Mt. Juliet, TN

MW-84 L1482988-04 GW

Collected by: Scott Ude / HMI Team | Collected date/time: 04/13/22 09:05 | Received date/time: 04/15/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG1850373	1	04/18/22 16:31	04/18/22 17:29	MMF	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1851912	5	04/21/22 22:02	04/21/22 22:02	CAT	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1850743	10	04/20/22 03:22	04/20/22 03:22	RAF	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1850743	100	04/20/22 03:37	04/20/22 03:37	RAF	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850297	5	04/21/22 10:28	04/26/22 01:05	JPD	Mt. Juliet, TN

MW-84 L1482988-04 GW

Collected by: Scott Ude / HMI Team | Collected date/time: 04/13/22 09:05 | Received date/time: 04/15/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICPMS) by Method 6020	WG1850332	1	04/21/22 10:08	04/25/22 23:39	LD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850332	5	04/21/22 10:08	04/25/22 23:50	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1851947	1	04/21/22 14:49	04/21/22 14:49	JHH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1851134	20	04/20/22 01:52	04/20/22 01:52	ADM	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG1853529	10	04/25/22 13:29	04/26/22 21:29	TJD	Mt. Juliet, TN

MW-82 L1482988-05 GW

Collected by: Scott Ude / HMI Team | Collected date/time: 04/13/22 09:55 | Received date/time: 04/15/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG1850391	1	04/18/22 17:43	04/18/22 18:37	MMF	Mt. Juliet, TN
Gravimetric Analysis by Method 2540 C-2011	WG1862144	1	05/11/22 10:12	05/11/22 12:13	AEC	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1851912	1	04/21/22 22:03	04/21/22 22:03	CAT	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1850743	10	04/20/22 04:24	04/20/22 04:24	RAF	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1850743	100	04/20/22 04:39	04/20/22 04:39	RAF	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850297	1	04/21/22 10:28	04/25/22 21:54	JPD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850332	1	04/21/22 10:08	04/25/22 22:36	LD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850332	5	04/21/22 10:08	04/26/22 01:00	SJM	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1850529	1	04/19/22 14:34	04/19/22 14:34	BMB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1849677	1	04/17/22 03:56	04/17/22 03:56	JCP	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG1853529	1	04/25/22 13:29	04/26/22 20:28	TJD	Mt. Juliet, TN

MW-130 L1482988-07 GW

Collected by: Scott Ude / HMI Team | Collected date/time: 04/13/22 09:30 | Received date/time: 04/15/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG1850391	1	04/18/22 17:43	04/18/22 18:37	MMF	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1851912	1	04/21/22 22:04	04/21/22 22:04	CAT	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1850743	1	04/20/22 04:55	04/20/22 04:55	RAF	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1850743	10	04/20/22 05:57	04/20/22 05:57	RAF	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850297	1	04/21/22 10:28	04/25/22 21:58	JPD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850332	1	04/21/22 10:08	04/25/22 22:40	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1850529	1	04/19/22 14:56	04/19/22 14:56	BMB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1849677	1	04/17/22 04:17	04/17/22 04:17	JCP	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG1853529	1	04/25/22 13:29	04/27/22 19:52	MWS	Mt. Juliet, TN

MW-76 L1482988-08 GW

Collected by: Scott Ude / HMI Team | Collected date/time: 04/13/22 12:15 | Received date/time: 04/15/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG1850391	1	04/18/22 17:43	04/18/22 18:37	MMF	Mt. Juliet, TN
Gravimetric Analysis by Method 2540 C-2011	WG1862144	1	05/11/22 10:12	05/11/22 12:13	AEC	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1851912	1	04/21/22 22:05	04/21/22 22:05	CAT	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1850743	10	04/20/22 06:28	04/20/22 06:28	RAF	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1850743	100	04/20/22 06:43	04/20/22 06:43	RAF	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850297	1	04/21/22 10:28	04/25/22 22:01	JPD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850332	1	04/21/22 10:08	04/25/22 22:43	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1850529	1	04/19/22 15:17	04/19/22 15:17	BMB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1849677	1	04/17/22 04:38	04/17/22 04:38	JCP	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG1853529	20	04/25/22 13:29	04/27/22 14:59	MWS	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270 C-mod	WG1849821	1	04/18/22 15:02	04/19/22 03:57	AMG	Mt. Juliet, TN

MW-77 L1482988-09 GW

Collected by: Scott Ude / HMI Team
Collected date/time: 04/13/22 13:00
Received date/time: 04/15/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG1850391	1	04/18/22 17:43	04/18/22 18:37	MMF	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1851912	5	04/21/22 22:07	04/21/22 22:07	CAT	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1850743	10	04/20/22 07:29	04/20/22 07:29	RAF	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1850743	100	04/20/22 07:45	04/20/22 07:45	RAF	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850297	1	04/21/22 10:28	04/26/22 01:08	JPD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850332	1	04/21/22 10:08	04/25/22 23:42	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1850530	1	04/20/22 21:53	04/20/22 21:53	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1849677	1	04/17/22 04:59	04/17/22 04:59	JCP	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG1853530	10	04/26/22 09:10	04/27/22 06:43	DMG	Mt. Juliet, TN

MW-78 L1482988-10 GW

Collected by: Scott Ude / HMI Team
Collected date/time: 04/13/22 15:15
Received date/time: 04/15/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG1850391	1	04/18/22 17:43	04/18/22 18:37	MMF	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1851912	5	04/21/22 22:08	04/21/22 22:08	CAT	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1850743	10	04/20/22 08:00	04/20/22 08:00	RAF	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1850743	100	04/20/22 08:16	04/20/22 08:16	RAF	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850299	1	04/21/22 18:32	04/25/22 18:05	JPD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850332	1	04/21/22 10:08	04/25/22 23:45	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1850530	5	04/21/22 03:38	04/21/22 03:38	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1851134	10	04/20/22 02:25	04/20/22 02:25	ADM	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG1853530	10	04/26/22 09:10	04/27/22 07:42	DMG	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270 C-mod	WG1849821	1	04/18/22 15:02	04/19/22 06:29	AMG	Mt. Juliet, TN

MW-75 L1482988-11 GW

Collected by: Scott Ude / HMI Team
Collected date/time: 04/13/22 14:25
Received date/time: 04/15/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG1850391	1	04/18/22 17:43	04/18/22 18:37	MMF	Mt. Juliet, TN
Gravimetric Analysis by Method 2540 C-2011	WG1862144	1	05/11/22 10:12	05/11/22 12:13	AEC	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1851912	1	04/21/22 22:13	04/21/22 22:13	CAT	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1850743	10	04/20/22 08:31	04/20/22 08:31	RAF	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1850743	100	04/20/22 08:46	04/20/22 08:46	RAF	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850299	1	04/21/22 18:32	04/25/22 02:11	JPD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850332	1	04/21/22 10:08	04/25/22 23:03	LD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850332	5	04/21/22 10:08	04/26/22 00:00	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1850530	5	04/21/22 04:00	04/21/22 04:00	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1849677	1	04/17/22 05:21	04/17/22 05:21	JCP	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG1853530	10	04/26/22 09:10	04/27/22 06:23	DMG	Mt. Juliet, TN

MW-83 L1482988-12 GW

Collected by: Scott Ude / HMI Team
Collected date/time: 04/13/22 13:35
Received date/time: 04/15/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG1850391	1	04/18/22 17:43	04/18/22 18:37	MMF	Mt. Juliet, TN
Gravimetric Analysis by Method 2540 C-2011	WG1862144	1	05/11/22 10:12	05/11/22 12:13	AEC	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1851912	1	04/21/22 22:14	04/21/22 22:14	CAT	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1850743	10	04/20/22 09:02	04/20/22 09:02	RAF	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1850743	100	04/20/22 09:17	04/20/22 09:17	RAF	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850299	1	04/21/22 18:32	04/25/22 02:14	JPD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850332	1	04/21/22 10:08	04/25/22 23:06	LD	Mt. Juliet, TN

MW-83 L1482988-12 GW

Collected by: Scott Ude / HMI Team
Collected date/time: 04/13/22 13:35
Received date/time: 04/15/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1850530	1	04/20/22 22:14	04/20/22 22:14	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1851134	1	04/20/22 02:45	04/20/22 02:45	ADM	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG1853530	10	04/26/22 09:10	04/27/22 06:03	DMG	Mt. Juliet, TN

MW-3 L1482988-13 GW

Collected by: Scott Ude / HMI Team
Collected date/time: 04/13/22 16:10
Received date/time: 04/15/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG1850391	1	04/18/22 17:43	04/18/22 18:37	MMF	Mt. Juliet, TN
Gravimetric Analysis by Method 2540 C-2011	WG1862144	1	05/11/22 10:12	05/11/22 12:13	AEC	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1851912	1	04/21/22 22:16	04/21/22 22:16	CAT	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1850743	10	04/20/22 09:33	04/20/22 09:33	RAF	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1850743	100	04/20/22 09:48	04/20/22 09:48	RAF	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850299	1	04/21/22 18:32	04/25/22 01:06	JPD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850332	1	04/21/22 10:08	04/25/22 23:10	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1850530	1	04/20/22 22:36	04/20/22 22:36	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1851134	1	04/20/22 03:06	04/20/22 03:06	ADM	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG1853530	1	04/26/22 09:10	04/27/22 05:42	DMG	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270 C-mod	WG1849821	1	04/18/22 15:02	04/19/22 04:16	AMG	Mt. Juliet, TN

MW-88 L1482988-14 GW

Collected by: Scott Ude / HMI Team
Collected date/time: 04/13/22 11:20
Received date/time: 04/15/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG1850373	1	04/18/22 16:31	04/18/22 17:29	MMF	Mt. Juliet, TN
Gravimetric Analysis by Method 2540 C-2011	WG1862144	1	05/11/22 10:12	05/11/22 12:13	AEC	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1851912	1	04/21/22 22:17	04/21/22 22:17	CAT	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1850743	10	04/20/22 10:34	04/20/22 10:34	RAF	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1850743	100	04/20/22 10:50	04/20/22 10:50	RAF	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850299	1	04/21/22 18:32	04/25/22 01:29	JPD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850332	1	04/21/22 10:08	04/25/22 23:13	LD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850332	5	04/21/22 10:08	04/26/22 00:03	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1850530	1	04/20/22 22:58	04/20/22 22:58	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1849914	1	04/18/22 05:51	04/18/22 05:51	ACG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG1853530	1	04/26/22 09:10	04/27/22 04:42	DMG	Mt. Juliet, TN

MW-22A L1482988-15 GW

Collected by: Scott Ude / HMI Team
Collected date/time: 04/13/22 14:00
Received date/time: 04/15/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG1850391	1	04/18/22 17:43	04/18/22 18:37	MMF	Mt. Juliet, TN
Gravimetric Analysis by Method 2540 C-2011	WG1862144	1	05/11/22 10:12	05/11/22 12:13	AEC	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1851912	1	04/21/22 22:18	04/21/22 22:18	CAT	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1850743	10	04/20/22 11:05	04/20/22 11:05	RAF	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1850743	100	04/20/22 11:21	04/20/22 11:21	RAF	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850299	1	04/21/22 18:32	04/25/22 01:32	JPD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850332	1	04/21/22 10:08	04/25/22 23:16	LD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850332	5	04/21/22 10:08	04/26/22 00:06	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1850530	1	04/20/22 23:19	04/20/22 23:19	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1849914	1	04/18/22 06:12	04/18/22 06:12	ACG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG1853530	1	04/26/22 09:10	04/27/22 05:02	DMG	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270 C-mod	WG1849821	1	04/18/22 15:02	04/19/22 04:35	AMG	Mt. Juliet, TN

MW-10 L1482988-16 GW

Collected by: Scott Ude / HMI Team
Collected date/time: 04/13/22 13:10
Received date/time: 04/15/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG1850391	1	04/18/22 17:43	04/18/22 18:37	MMF	Mt. Juliet, TN
Gravimetric Analysis by Method 2540 C-2011	WG1862144	1	05/11/22 10:12	05/11/22 12:13	AEC	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1851912	1	04/21/22 22:20	04/21/22 22:20	CAT	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1850743	10	04/20/22 11:36	04/20/22 11:36	RAF	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1850743	100	04/20/22 11:51	04/20/22 11:51	RAF	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850299	1	04/21/22 18:32	04/25/22 01:35	JPD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850332	1	04/21/22 10:08	04/25/22 23:20	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1850530	1	04/20/22 23:41	04/20/22 23:41	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1849914	1	04/18/22 06:32	04/18/22 06:32	ACG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG1853530	1	04/26/22 09:10	04/27/22 00:40	DMG	Mt. Juliet, TN

MW-123 L1482988-17 GW

Collected by: Scott Ude / HMI Team
Collected date/time: 04/13/22 12:10
Received date/time: 04/15/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG1850391	1	04/18/22 17:43	04/18/22 18:37	MMF	Mt. Juliet, TN
Gravimetric Analysis by Method 2540 C-2011	WG1862144	1	05/11/22 10:12	05/11/22 12:13	AEC	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1851912	1	04/21/22 22:21	04/21/22 22:21	CAT	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1850743	1	04/20/22 12:07	04/20/22 12:07	RAF	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1850743	100	04/20/22 12:53	04/20/22 12:53	RAF	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850299	1	04/21/22 18:32	04/25/22 01:38	JPD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850332	1	04/21/22 10:08	04/25/22 23:23	LD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850332	5	04/21/22 10:08	04/26/22 00:10	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1850530	1	04/21/22 00:02	04/21/22 00:02	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1849914	1	04/18/22 06:53	04/18/22 06:53	ACG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG1853530	1	04/26/22 09:10	04/27/22 01:00	DMG	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270 C-mod	WG1849821	1	04/18/22 15:02	04/19/22 04:54	AMG	Mt. Juliet, TN

MW-4A L1482988-18 GW

Collected by: Scott Ude / HMI Team
Collected date/time: 04/13/22 11:20
Received date/time: 04/15/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG1850391	1	04/18/22 17:43	04/18/22 18:37	MMF	Mt. Juliet, TN
Gravimetric Analysis by Method 2540 C-2011	WG1862144	1	05/11/22 10:12	05/11/22 12:13	AEC	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1851912	1	04/21/22 22:22	04/21/22 22:22	CAT	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1850743	10	04/20/22 13:55	04/20/22 13:55	RAF	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1850743	100	04/20/22 14:10	04/20/22 14:10	RAF	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850299	1	04/21/22 18:32	04/25/22 01:42	JPD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850334	1	04/21/22 21:39	04/24/22 21:35	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1850530	1	04/21/22 00:24	04/21/22 00:24	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1849914	1	04/18/22 07:14	04/18/22 07:14	ACG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG1853530	1	04/26/22 09:10	04/27/22 01:20	DMG	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270 C-mod	WG1849821	1	04/18/22 15:02	04/19/22 05:13	AMG	Mt. Juliet, TN

MW-5A L1482988-19 GW

Collected by: Scott Ude / HMI Team
Collected date/time: 04/13/22 10:15
Received date/time: 04/15/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG1850391	1	04/18/22 17:43	04/18/22 18:37	MMF	Mt. Juliet, TN
Gravimetric Analysis by Method 2540 C-2011	WG1862144	1	05/11/22 10:12	05/11/22 12:13	AEC	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1851914	1	04/21/22 22:41	04/21/22 22:41	CAT	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1850743	10	04/20/22 14:25	04/20/22 14:25	RAF	Mt. Juliet, TN

MW-5A L1482988-19 GW

Collected by: Scott Ude / HMI Team
Collected date/time: 04/13/22 10:15
Received date/time: 04/15/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG1850743	100	04/20/22 14:41	04/20/22 14:41	RAF	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850299	1	04/21/22 18:32	04/25/22 01:45	JPD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850334	1	04/21/22 21:39	04/24/22 21:38	LD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850334	5	04/21/22 21:39	04/25/22 17:02	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1850530	1	04/21/22 00:46	04/21/22 00:46	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1849914	1	04/18/22 07:35	04/18/22 07:35	ACG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG1853530	1	04/26/22 09:10	04/27/22 01:40	DMG	Mt. Juliet, TN

MW-7A L1482988-20 GW

Collected by: Scott Ude / HMI Team
Collected date/time: 04/13/22 09:20
Received date/time: 04/15/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG1850391	1	04/18/22 17:43	04/18/22 18:37	MMF	Mt. Juliet, TN
Gravimetric Analysis by Method 2540 C-2011	WG1862144	1	05/11/22 10:12	05/11/22 12:13	AEC	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1851914	1	04/21/22 22:42	04/21/22 22:42	CAT	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1850743	10	04/20/22 14:56	04/20/22 14:56	RAF	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1850743	100	04/20/22 15:12	04/20/22 15:12	RAF	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850299	1	04/21/22 18:32	04/25/22 01:48	JPD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850334	1	04/21/22 21:39	04/24/22 21:22	LD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850334	5	04/21/22 21:39	04/24/22 22:40	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1850530	1	04/21/22 01:07	04/21/22 01:07	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1849914	1	04/18/22 07:56	04/18/22 07:56	ACG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG1853530	1	04/26/22 09:10	04/27/22 13:58	DMG	Mt. Juliet, TN

OCD-8A L1482988-21 GW

Collected by: Scott Ude / HMI Team
Collected date/time: 04/13/22 08:35
Received date/time: 04/15/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG1850391	1	04/18/22 17:43	04/18/22 18:37	MMF	Mt. Juliet, TN
Gravimetric Analysis by Method 2540 C-2011	WG1862144	1	05/11/22 10:12	05/11/22 12:13	AEC	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1851914	1	04/21/22 22:43	04/21/22 22:43	CAT	Mt. Juliet, TN
Wet Chemistry by Method 4500CN E-2011	WG1852103	1	04/24/22 15:39	04/25/22 15:06	LDT	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1850483	10	04/19/22 19:28	04/19/22 19:28	LBR	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1850483	100	04/19/22 19:43	04/19/22 19:43	LBR	Mt. Juliet, TN
Mercury by Method 7470A	WG1850019	1	04/26/22 13:15	04/28/22 11:44	ABL	Mt. Juliet, TN
Mercury by Method 7470A	WG1850025	1	04/26/22 08:10	04/27/22 12:41	ABL	Mt. Juliet, TN
Metals (ICP) by Method 6010B	WG1851270	1	04/20/22 08:49	04/20/22 15:48	ZSA	Mt. Juliet, TN
Metals (ICP) by Method 6010B	WG1851304	1	04/21/22 11:30	04/26/22 23:30	CCE	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850299	1	04/21/22 18:32	04/25/22 01:51	JPD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850299	1	04/21/22 18:32	04/25/22 18:08	JPD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850334	1	04/21/22 21:39	04/24/22 21:41	LD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850334	1	04/21/22 21:39	04/25/22 17:05	JPD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850334	5	04/21/22 21:39	04/25/22 17:08	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1850530	1	04/21/22 01:29	04/21/22 01:29	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1849914	1	04/18/22 08:17	04/18/22 08:17	ACG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG1853530	1	04/26/22 09:10	04/27/22 02:21	DMG	Mt. Juliet, TN

DUP-EP-01 L1482988-22 GW

Collected by: Scott Ude / HMI Team | Collected date/time: 04/13/22 09:00 | Received date/time: 04/15/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG1850391	1	04/18/22 17:43	04/18/22 18:37	MMF	Mt. Juliet, TN
Gravimetric Analysis by Method 2540 C-2011	WG1862144	1	05/11/22 10:12	05/11/22 12:13	AEC	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1851914	1	04/21/22 22:45	04/21/22 22:45	CAT	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1850483	10	04/19/22 19:58	04/19/22 19:58	LBR	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1850483	100	04/19/22 20:14	04/19/22 20:14	LBR	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850299	1	04/21/22 18:32	04/25/22 01:55	JPD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850334	1	04/21/22 21:39	04/24/22 21:45	LD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850334	5	04/21/22 21:39	04/25/22 16:14	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1850530	1	04/21/22 01:50	04/21/22 01:50	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1849914	1	04/18/22 08:38	04/18/22 08:38	ACG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG1853530	1	04/26/22 09:10	04/27/22 14:49	DMG	Mt. Juliet, TN

DUP-EP-02 L1482988-23 GW

Collected by: Scott Ude / HMI Team | Collected date/time: 04/13/22 12:00 | Received date/time: 04/15/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG1850391	1	04/18/22 17:43	04/18/22 18:37	MMF	Mt. Juliet, TN
Gravimetric Analysis by Method 2540 C-2011	WG1855786	1	04/28/22 11:28	04/28/22 16:15	SJF	Mt. Juliet, TN
Gravimetric Analysis by Method 2540 C-2011	WG1862144	1	05/11/22 10:12	05/11/22 12:13	AEC	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1851914	1	04/21/22 22:46	04/21/22 22:46	CAT	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1850483	10	04/19/22 21:00	04/19/22 21:00	LBR	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1850483	100	04/19/22 21:15	04/19/22 21:15	LBR	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850299	1	04/21/22 18:32	04/25/22 01:58	JPD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850334	1	04/21/22 21:39	04/24/22 22:32	LD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850334	5	04/21/22 21:39	04/25/22 16:17	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1850530	1	04/21/22 02:12	04/21/22 02:12	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1849914	1	04/18/22 08:59	04/18/22 08:59	ACG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG1853530	1	04/26/22 09:10	04/27/22 03:01	DMG	Mt. Juliet, TN

DUP-EP-03 L1482988-24 GW

Collected by: Scott Ude / HMI Team | Collected date/time: 04/13/22 12:00 | Received date/time: 04/15/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG1850391	1	04/18/22 17:43	04/18/22 18:37	MMF	Mt. Juliet, TN
Gravimetric Analysis by Method 2540 C-2011	WG1862144	1	05/11/22 10:12	05/11/22 12:13	AEC	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1851914	1	04/21/22 22:55	04/21/22 22:55	CAT	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1850483	10	04/19/22 21:31	04/19/22 21:31	LBR	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1850483	100	04/19/22 21:46	04/19/22 21:46	LBR	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850299	1	04/21/22 18:32	04/25/22 02:18	JPD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850334	1	04/21/22 21:39	04/24/22 22:36	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1850530	5	04/21/22 04:21	04/21/22 04:21	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1850790	1	04/19/22 15:11	04/19/22 15:11	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG1853530	1	04/26/22 09:10	04/27/22 05:22	DMG	Mt. Juliet, TN

EB-EP-03 L1482988-25 GW

Collected by: Scott Ude / HMI Team | Collected date/time: 04/13/22 10:30 | Received date/time: 04/15/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG1850391	1	04/18/22 17:43	04/18/22 18:37	MMF	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1851914	1	04/21/22 22:56	04/21/22 22:56	CAT	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1850483	1	04/19/22 22:02	04/19/22 22:02	LBR	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850299	1	04/21/22 18:32	04/25/22 02:21	JPD	Mt. Juliet, TN

EB-EP-03 L1482988-25 GW

Collected by: Scott Ude / HMI Team | Collected date/time: 04/13/22 10:30 | Received date/time: 04/15/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICPMS) by Method 6020	WG1850334	1	04/21/22 21:39	04/24/22 22:43	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1850530	1	04/20/22 21:31	04/20/22 21:31	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1849914	1	04/18/22 05:30	04/18/22 05:30	ACG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG1853530	1	04/26/22 09:10	04/27/22 03:21	DMG	Mt. Juliet, TN

TRIP BLANK-EP-02 L1482988-26 GW

Collected by: Scott Ude / HMI Team | Collected date/time: 04/13/22 00:00 | Received date/time: 04/15/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1849914	1	04/18/22 05:10	04/18/22 05:10	ACG	Mt. Juliet, TN

MW-25 L1482988-27 GW

Collected by: Scott Ude / HMI Team | Collected date/time: 04/13/22 10:10 | Received date/time: 04/15/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG1850635	1	04/19/22 08:32	04/19/22 13:14	MMF	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1851914	1	04/21/22 22:57	04/21/22 22:57	CAT	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1851361	1	04/20/22 11:59	04/20/22 11:59	KEG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1851361	100	04/20/22 12:15	04/20/22 12:15	KEG	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850299	1	04/21/22 18:32	04/25/22 02:24	JPD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850334	1	04/21/22 21:39	04/24/22 22:46	LD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850334	5	04/21/22 21:39	04/25/22 16:20	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1849914	1	04/18/22 09:20	04/18/22 09:20	ACG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG1853530	1	04/26/22 09:10	04/27/22 04:02	DMG	Mt. Juliet, TN

MW-1R L1482988-28 GW

Collected by: Scott Ude / HMI Team | Collected date/time: 04/13/22 09:20 | Received date/time: 04/15/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG1850635	1	04/19/22 08:32	04/19/22 13:14	MMF	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1851914	1	04/21/22 23:01	04/21/22 23:01	CAT	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1851361	1	04/20/22 12:31	04/20/22 12:31	KEG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1851361	100	04/20/22 12:48	04/20/22 12:48	KEG	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850299	1	04/21/22 18:32	04/25/22 02:27	JPD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850334	1	04/21/22 21:39	04/24/22 22:50	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1849914	1	04/18/22 09:41	04/18/22 09:41	ACG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG1853530	1	04/26/22 09:10	04/27/22 03:41	DMG	Mt. Juliet, TN

MW-15 L1482988-29 GW

Collected by: Scott Ude / HMI Team | Collected date/time: 04/13/22 08:30 | Received date/time: 04/15/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG1850635	1	04/19/22 08:32	04/19/22 13:14	MMF	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1851914	1	04/21/22 23:03	04/21/22 23:03	CAT	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1851361	1	04/20/22 13:04	04/20/22 13:04	KEG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1851361	100	04/20/22 13:21	04/20/22 13:21	KEG	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850299	1	04/21/22 18:32	04/25/22 02:31	JPD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850334	1	04/21/22 21:39	04/24/22 22:53	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1850530	1	04/21/22 02:33	04/21/22 02:33	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1849914	1	04/18/22 10:02	04/18/22 10:02	ACG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG1853530	1	04/26/22 09:10	04/27/22 04:22	DMG	Mt. Juliet, TN

MW-52 L1482988-30 GW

Collected by: Scott Ude / HMI Team
Collected date/time: 04/13/22 14:00
Received date/time: 04/15/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG1850635	1	04/19/22 08:32	04/19/22 13:14	MMF	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1851914	20	04/21/22 23:04	04/21/22 23:04	CAT	Mt. Juliet, TN
Wet Chemistry by Method 4500CN E-2011	WG1852103	1	04/24/22 15:39	04/25/22 15:09	LDT	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1851361	1	04/20/22 13:37	04/20/22 13:37	KEG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1851361	100	04/20/22 13:54	04/20/22 13:54	KEG	Mt. Juliet, TN
Mercury by Method 7470A	WG1850019	1	04/26/22 13:15	04/28/22 11:47	ABL	Mt. Juliet, TN
Mercury by Method 7470A	WG1850025	1	04/26/22 08:10	04/27/22 12:43	ABL	Mt. Juliet, TN
Metals (ICP) by Method 6010B	WG1851270	1	04/20/22 08:49	04/20/22 16:07	ZSA	Mt. Juliet, TN
Metals (ICP) by Method 6010B	WG1851304	1	04/21/22 11:30	04/26/22 23:33	CCE	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850299	1	04/21/22 18:32	04/25/22 02:34	JPD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850299	1	04/21/22 18:32	04/25/22 18:12	JPD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850334	1	04/21/22 21:39	04/24/22 22:56	LD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850334	1	04/21/22 21:39	04/25/22 16:24	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1850530	1	04/21/22 02:55	04/21/22 02:55	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1849914	1	04/18/22 10:23	04/18/22 10:23	ACG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG1853887	1	04/26/22 10:38	04/26/22 17:23	DMG	Mt. Juliet, TN

MW-109 L1482988-31 GW

Collected by: Scott Ude / HMI Team
Collected date/time: 04/13/22 12:00
Received date/time: 04/15/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG1850635	1	04/19/22 08:32	04/19/22 13:14	MMF	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1851914	20	04/21/22 23:05	04/21/22 23:05	CAT	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1851361	1	04/20/22 14:10	04/20/22 14:10	KEG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1851361	10	04/20/22 14:26	04/20/22 14:26	KEG	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850302	1	04/21/22 11:35	04/24/22 18:00	LD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850334	1	04/21/22 21:39	04/24/22 22:59	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1850530	1	04/21/22 03:17	04/21/22 03:17	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1849914	1	04/18/22 10:44	04/18/22 10:44	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1850790	50	04/19/22 15:32	04/19/22 15:32	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG1853887	1	04/26/22 10:38	04/26/22 17:49	DMG	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270 C-mod	WG1849821	1	04/18/22 15:02	04/19/22 05:32	AMG	Mt. Juliet, TN

MW-110 L1482988-32 GW

Collected by: Scott Ude / HMI Team
Collected date/time: 04/13/22 13:00
Received date/time: 04/15/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG1850635	1	04/19/22 08:32	04/19/22 13:14	MMF	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1851914	1	04/21/22 23:10	04/21/22 23:10	CAT	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1851361	1	04/20/22 15:16	04/20/22 15:16	KEG	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850302	1	04/21/22 11:35	04/24/22 17:47	LD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850334	1	04/21/22 21:39	04/24/22 23:03	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1851115	1	04/19/22 20:09	04/19/22 20:09	CAM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1849914	1	04/18/22 11:06	04/18/22 11:06	ACG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG1853887	1	04/26/22 10:38	04/26/22 18:15	DMG	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270 C-mod	WG1849821	1	04/18/22 15:02	04/19/22 05:51	AMG	Mt. Juliet, TN

MW-113 L1482988-33 GW

Collected by: Scott Ude / HMI Team
Collected date/time: 04/13/22 17:00
Received date/time: 04/15/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG1850635	1	04/19/22 08:32	04/19/22 13:14	MMF	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1851914	1	04/21/22 23:11	04/21/22 23:11	CAT	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1851361	1	04/20/22 15:48	04/20/22 15:48	KEG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1851361	20	04/20/22 16:05	04/20/22 16:05	KEG	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850302	1	04/21/22 11:35	04/24/22 18:04	LD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850334	1	04/21/22 21:39	04/24/22 23:19	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1851115	1	04/19/22 20:31	04/19/22 20:31	CAM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1849914	1	04/18/22 11:28	04/18/22 11:28	ACG	Mt. Juliet, TN
EDB / DBCP by Method 8011	WG1850420	1.02	04/19/22 12:49	04/19/22 19:52	HLA	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG1853887	1	04/26/22 10:38	04/27/22 10:36	DMG	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270 C-mod	WG1849821	1	04/18/22 15:02	04/19/22 07:07	AMG	Mt. Juliet, TN

MW-134 L1482988-34 GW

Collected by: Scott Ude / HMI Team
Collected date/time: 04/13/22 15:25
Received date/time: 04/15/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG1850635	1	04/19/22 08:32	04/19/22 13:14	MMF	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1851914	1	04/21/22 23:13	04/21/22 23:13	CAT	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1851361	1	04/20/22 16:21	04/20/22 16:21	KEG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1851361	100	04/20/22 16:38	04/20/22 16:38	KEG	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850302	1	04/21/22 11:35	04/24/22 18:07	LD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850334	1	04/21/22 21:39	04/24/22 23:22	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1851115	1	04/19/22 20:52	04/19/22 20:52	CAM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1849932	1	04/18/22 10:33	04/18/22 10:33	ADM	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG1853887	1	04/26/22 10:38	04/27/22 12:47	DMG	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270 C-mod	WG1849822	1	04/20/22 03:50	04/20/22 20:09	JNJ	Mt. Juliet, TN

RA-4798 L1482988-35 GW

Collected by: Scott Ude / HMI Team
Collected date/time: 04/13/22 17:45
Received date/time: 04/15/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG1850635	1	04/19/22 08:32	04/19/22 13:14	MMF	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1851914	1	04/21/22 23:14	04/21/22 23:14	CAT	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1851361	1	04/20/22 16:54	04/20/22 16:54	KEG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1851361	20	04/20/22 17:20	04/20/22 17:20	KEG	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850334	1	04/21/22 21:39	04/24/22 23:25	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1849932	1	04/18/22 10:53	04/18/22 10:53	ADM	Mt. Juliet, TN
EDB / DBCP by Method 8011	WG1850420	1	04/19/22 12:49	04/19/22 20:04	HLA	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270 C-mod	WG1849822	1	04/20/22 03:50	04/20/22 19:31	JNJ	Mt. Juliet, TN

RA-3156 L1482988-36 GW

Collected by: Scott Ude / HMI Team
Collected date/time: 04/13/22 13:50
Received date/time: 04/15/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG1850635	1	04/19/22 08:32	04/19/22 13:14	MMF	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1851914	1	04/21/22 23:15	04/21/22 23:15	CAT	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1851361	1	04/20/22 17:36	04/20/22 17:36	KEG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1851361	100	04/20/22 17:52	04/20/22 17:52	KEG	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850334	1	04/21/22 21:39	04/24/22 23:28	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1849932	1	04/18/22 11:14	04/18/22 11:14	ADM	Mt. Juliet, TN

RA-313 L1482988-37 GW

Collected by: Scott Ude / HMI Team | Collected date/time: 04/13/22 11:45 | Received date/time: 04/15/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG1850635	1	04/19/22 08:32	04/19/22 13:14	MMF	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1851914	1	04/21/22 23:17	04/21/22 23:17	CAT	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1851361	1	04/20/22 18:42	04/20/22 18:42	KEG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1851361	10	04/20/22 18:58	04/20/22 18:58	KEG	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850334	1	04/21/22 21:39	04/24/22 23:32	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1849932	1	04/18/22 11:35	04/18/22 11:35	ADM	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270 C-mod	WG1849822	1	04/20/22 03:50	04/20/22 20:28	JNJ	Mt. Juliet, TN

KWB-7 L1482988-38 GW

Collected by: Scott Ude / HMI Team | Collected date/time: 04/13/22 13:20 | Received date/time: 04/15/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG1850391	1	04/18/22 17:43	04/18/22 18:37	MMF	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1851914	10	04/21/22 23:18	04/21/22 23:18	CAT	Mt. Juliet, TN
Wet Chemistry by Method 4500CN E-2011	WG1852103	5	04/24/22 15:39	04/25/22 15:10	LDT	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1851361	1	04/20/22 19:14	04/20/22 19:14	KEG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1851361	10	04/20/22 19:47	04/20/22 19:47	KEG	Mt. Juliet, TN
Mercury by Method 7470A	WG1850019	1	04/26/22 13:15	04/28/22 11:49	ABL	Mt. Juliet, TN
Mercury by Method 7470A	WG1852270	1	04/28/22 08:47	04/29/22 10:15	ABL	Mt. Juliet, TN
Metals (ICP) by Method 6010B	WG1851270	1	04/20/22 08:49	04/20/22 16:10	ZSA	Mt. Juliet, TN
Metals (ICP) by Method 6010B	WG1851304	1	04/21/22 11:30	04/26/22 23:41	CCE	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850302	1	04/21/22 11:35	04/24/22 18:10	LD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850302	1	04/21/22 11:35	04/25/22 00:13	SJM	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850334	1	04/21/22 21:39	04/24/22 23:35	LD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850334	1	04/21/22 21:39	04/25/22 16:27	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1849932	1	04/18/22 11:55	04/18/22 11:55	ADM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1850745	5	04/19/22 15:22	04/19/22 15:22	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG1853887	1	04/26/22 10:38	04/26/22 21:54	DMG	Mt. Juliet, TN

MW-20 L1482988-39 GW

Collected by: Scott Ude / HMI Team | Collected date/time: 04/13/22 16:00 | Received date/time: 04/15/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG1850635	1	04/19/22 08:32	04/19/22 13:14	MMF	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1851914	5	04/21/22 23:19	04/21/22 23:19	CAT	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1851361	1	04/20/22 20:36	04/20/22 20:36	KEG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1851361	100	04/20/22 20:53	04/20/22 20:53	KEG	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850302	1	04/21/22 11:35	04/24/22 18:34	LD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850339	1	04/21/22 12:01	04/21/22 21:39	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1849932	1	04/18/22 12:15	04/18/22 12:15	ADM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1850745	1	04/19/22 15:03	04/19/22 15:03	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG1853887	1	04/26/22 10:38	04/27/22 09:18	DMG	Mt. Juliet, TN

KWB-11B L1482988-40 GW

Collected by: Scott Ude / HMI Team | Collected date/time: 04/13/22 17:25 | Received date/time: 04/15/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG1850635	1	04/19/22 08:32	04/19/22 13:14	MMF	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1851916	1	04/22/22 14:54	04/22/22 14:54	CAT	Mt. Juliet, TN
Wet Chemistry by Method 4500CN E-2011	WG1852103	1	04/24/22 15:39	04/25/22 15:11	LDT	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1851361	1	04/20/22 21:09	04/20/22 21:09	KEG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1851361	50	04/20/22 21:58	04/20/22 21:58	KEG	Mt. Juliet, TN

KWB-11B L1482988-40 GW

Collected by: Scott Ude / HMI Team | Collected date/time: 04/13/22 17:25 | Received date/time: 04/15/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7470A	WG1850020	1	04/27/22 10:20	04/28/22 08:30	ABL	Mt. Juliet, TN
Mercury by Method 7470A	WG1852270	1	04/28/22 08:47	04/29/22 10:21	ABL	Mt. Juliet, TN
Metals (ICP) by Method 6010B	WG1851270	1	04/20/22 08:49	04/20/22 16:19	ZSA	Mt. Juliet, TN
Metals (ICP) by Method 6010B	WG1851304	1	04/21/22 11:30	04/26/22 23:44	CCE	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850302	1	04/21/22 11:35	04/24/22 18:37	LD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850302	1	04/21/22 11:35	04/25/22 00:16	SJM	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850339	1	04/21/22 12:01	04/21/22 21:53	LD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850339	1	04/21/22 12:01	04/25/22 00:46	SJM	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1851115	1	04/19/22 21:14	04/19/22 21:14	CAM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1849932	1	04/18/22 12:36	04/18/22 12:36	ADM	Mt. Juliet, TN
EDB / DBCP by Method 8011	WG1850420	1.02	04/19/22 12:49	04/19/22 20:16	HLA	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG1853887	1	04/26/22 10:38	04/26/22 22:46	DMG	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270 C-mod	WG1849822	1	04/20/22 03:50	04/20/22 21:26	JNJ	Mt. Juliet, TN

MW-115 L1482988-41 GW

Collected by: Scott Ude / HMI Team | Collected date/time: 04/13/22 11:00 | Received date/time: 04/15/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG1850635	1	04/19/22 08:32	04/19/22 13:14	MMF	Mt. Juliet, TN
Gravimetric Analysis by Method 2540 C-2011	WG1862144	1	05/11/22 10:12	05/11/22 12:13	AEC	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1851916	1	04/22/22 16:23	04/22/22 16:23	CAT	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1851361	1	04/20/22 22:15	04/20/22 22:15	KEG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1851361	100	04/20/22 22:31	04/20/22 22:31	KEG	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850302	1	04/21/22 11:35	04/24/22 18:40	LD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850339	1	04/21/22 12:01	04/21/22 21:57	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1852280	1	04/21/22 19:55	04/21/22 19:55	JAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1849932	10	04/18/22 18:23	04/18/22 18:23	ADM	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG1853887	1	04/26/22 10:38	04/26/22 23:12	DMG	Mt. Juliet, TN

MW-114 L1482988-42 GW

Collected by: Scott Ude / HMI Team | Collected date/time: 04/13/22 08:55 | Received date/time: 04/15/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG1852510	1	04/21/22 18:37	04/21/22 19:35	MMF	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1851916	1	04/22/22 15:00	04/22/22 15:00	CAT	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1851361	1	04/20/22 22:48	04/20/22 22:48	KEG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1851361	100	04/20/22 23:04	04/20/22 23:04	KEG	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850302	1	04/21/22 11:35	04/24/22 18:43	LD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850339	1	04/21/22 12:01	04/21/22 22:00	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1851115	1	04/19/22 21:36	04/19/22 21:36	CAM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1849932	1	04/18/22 12:56	04/18/22 12:56	ADM	Mt. Juliet, TN
EDB / DBCP by Method 8011	WG1850420	1.06	04/19/22 12:49	04/19/22 20:27	HLA	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG1853887	1	04/26/22 10:38	04/26/22 23:38	DMG	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270 C-mod	WG1849822	1	04/20/22 03:50	04/20/22 21:45	JNJ	Mt. Juliet, TN

MW-125 L1482988-43 GW

Collected by: Scott Ude / HMI Team | Collected date/time: 04/13/22 09:55 | Received date/time: 04/15/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG1850635	1	04/19/22 08:32	04/19/22 13:14	MMF	Mt. Juliet, TN
Gravimetric Analysis by Method 2540 C-2011	WG1862182	1	05/11/22 12:54	05/11/22 13:46	MMF	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1851916	1	04/22/22 15:01	04/22/22 15:01	CAT	Mt. Juliet, TN

MW-125 L1482988-43 GW

Collected by: Scott Ude / HMI Team | Collected date/time: 04/13/22 09:55 | Received date/time: 04/15/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG1851361	1	04/20/22 23:20	04/20/22 23:20	KEG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1851361	100	04/20/22 23:37	04/20/22 23:37	KEG	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850302	1	04/21/22 11:35	04/24/22 18:47	LD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850339	1	04/21/22 12:01	04/21/22 22:04	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1851115	1	04/19/22 21:57	04/19/22 21:57	CAM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1849932	1	04/18/22 13:17	04/18/22 13:17	ADM	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG1853887	1	04/26/22 10:38	04/27/22 00:04	DMG	Mt. Juliet, TN

DUP-REST-01 L1482988-44 GW

Collected by: Scott Ude / HMI Team | Collected date/time: 04/13/22 12:00 | Received date/time: 04/15/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG1850635	1	04/19/22 08:32	04/19/22 13:14	MMF	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1851916	1	04/22/22 15:56	04/22/22 15:56	CAT	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1851361	1	04/20/22 23:53	04/20/22 23:53	KEG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1851361	100	04/21/22 00:10	04/21/22 00:10	KEG	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850302	1	04/21/22 11:35	04/24/22 18:50	LD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850339	1	04/21/22 12:01	04/21/22 22:22	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1851115	1	04/19/22 22:19	04/19/22 22:19	CAM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1849932	1	04/18/22 13:37	04/18/22 13:37	ADM	Mt. Juliet, TN
EDB / DBCP by Method 8011	WG1850420	1.03	04/19/22 12:49	04/19/22 20:39	HLA	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG1853887	1	04/26/22 10:38	04/27/22 00:30	DMG	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270 C-mod	WG1849822	1	04/20/22 03:50	04/20/22 20:48	JNJ	Mt. Juliet, TN

EB-REST-01 L1482988-45 GW

Collected by: Scott Ude / HMI Team | Collected date/time: 04/13/22 17:20 | Received date/time: 04/15/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG1850638	1	04/19/22 08:46	04/19/22 19:08	MMF	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1851916	1	04/22/22 15:57	04/22/22 15:57	CAT	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1851361	1	04/21/22 00:26	04/21/22 00:26	KEG	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850302	1	04/21/22 11:35	04/24/22 18:54	LD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850339	1	04/21/22 12:01	04/21/22 22:26	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1851115	1	04/19/22 22:40	04/19/22 22:40	CAM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1849932	1	04/18/22 13:58	04/18/22 13:58	ADM	Mt. Juliet, TN
EDB / DBCP by Method 8011	WG1850420	1.03	04/19/22 12:49	04/19/22 20:51	HLA	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG1853887	1	04/26/22 10:38	04/27/22 00:56	DMG	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270 C-mod	WG1849822	1	04/20/22 03:50	04/20/22 15:40	JNJ	Mt. Juliet, TN

DUP-REST-03 L1482988-46 GW

Collected by: Scott Ude / HMI Team | Collected date/time: 04/13/22 14:00 | Received date/time: 04/15/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG1850638	1	04/19/22 08:46	04/19/22 19:08	MMF	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1851916	1	04/22/22 16:01	04/22/22 16:01	CAT	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1851537	1	04/21/22 05:14	04/21/22 05:14	KEG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1851537	100	04/21/22 05:30	04/21/22 05:30	KEG	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850302	1	04/21/22 11:35	04/24/22 18:57	LD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850339	1	04/21/22 12:01	04/21/22 22:29	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1851115	1	04/19/22 23:02	04/19/22 23:02	CAM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1849932	1	04/18/22 14:18	04/18/22 14:18	ADM	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG1853887	1	04/26/22 10:38	04/27/22 01:22	DMG	Mt. Juliet, TN

DUP-REST-03 L1482988-46 GW

Collected by: Scott Ude / HMI Team | Collected date/time: 04/13/22 14:00 | Received date/time: 04/15/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Semi Volatile Organic Compounds (GC/MS) by Method 8270 C-mod	WG1849822	1.05	04/20/22 03:50	04/20/22 15:59	JNJ	Mt. Juliet, TN

EB-REST-03 L1482988-47 GW

Collected by: Scott Ude / HMI Team | Collected date/time: 04/13/22 15:50 | Received date/time: 04/15/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 353.2	WG1851916	1	04/22/22 16:02	04/22/22 16:02	CAT	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1851537	1	04/21/22 05:46	04/21/22 05:46	KEG	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850302	1	04/21/22 11:35	04/24/22 19:01	LD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850339	1	04/21/22 12:01	04/21/22 22:33	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1851115	1	04/19/22 23:23	04/19/22 23:23	CAM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1849932	1	04/18/22 14:38	04/18/22 14:38	ADM	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG1853887	1	04/26/22 10:38	04/27/22 01:48	DMG	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270 C-mod	WG1849822	1.05	04/20/22 03:50	04/20/22 16:18	JNJ	Mt. Juliet, TN

TRIP BLANK-REST-01 L1482988-48 GW

Collected by: Scott Ude / HMI Team | Collected date/time: 04/13/22 00:00 | Received date/time: 04/15/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1849932	1	04/18/22 10:13	04/18/22 10:13	ADM	Mt. Juliet, TN

MW-103 L1482988-49 GW

Collected by: Scott Ude / HMI Team | Collected date/time: 04/13/22 10:45 | Received date/time: 04/15/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG1850638	1	04/19/22 08:46	04/19/22 19:08	MMF	Mt. Juliet, TN
Gravimetric Analysis by Method 2540 C-2011	WG1862144	1	05/11/22 10:12	05/11/22 12:13	AEC	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1851916	10	04/22/22 16:03	04/22/22 16:03	CAT	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1851537	1	04/21/22 06:36	04/21/22 06:36	KEG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1851537	100	04/21/22 06:52	04/21/22 06:52	KEG	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850302	1	04/21/22 11:35	04/24/22 19:17	LD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850339	1	04/21/22 12:01	04/21/22 22:37	LD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850339	5	04/21/22 12:01	04/21/22 23:27	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1852280	5	04/21/22 20:38	04/21/22 20:38	JAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1849932	10	04/18/22 18:44	04/18/22 18:44	ADM	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG1853887	1	04/26/22 10:38	04/27/22 02:14	DMG	Mt. Juliet, TN

MW-104 L1482988-50 GW

Collected by: Scott Ude / HMI Team | Collected date/time: 04/13/22 09:55 | Received date/time: 04/15/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG1850638	1	04/19/22 08:46	04/19/22 19:08	MMF	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1851916	10	04/22/22 16:05	04/22/22 16:05	CAT	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1851537	1	04/21/22 07:08	04/21/22 07:08	KEG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1856364	10	04/30/22 19:12	04/30/22 19:12	MCG	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850302	1	04/21/22 11:35	04/24/22 19:20	LD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850339	1	04/21/22 12:01	04/21/22 22:41	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1851115	1	04/19/22 23:45	04/19/22 23:45	CAM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1849932	1	04/18/22 14:59	04/18/22 14:59	ADM	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG1853887	1	04/26/22 10:38	04/27/22 11:04	DMG	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270 C-mod	WG1849822	1	04/20/22 03:50	04/20/22 16:38	JNJ	Mt. Juliet, TN

MW-64 L1482988-51 GW

Collected by: Scott Ude / HMI Team
Collected date/time: 04/13/22 14:25
Received date/time: 04/15/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG1850638	1	04/19/22 08:46	04/19/22 19:08	MMF	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1851916	10	04/22/22 16:06	04/22/22 16:06	CAT	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1851537	1	04/21/22 08:14	04/21/22 08:14	KEG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1851537	50	04/21/22 08:30	04/21/22 08:30	KEG	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850302	1	04/21/22 11:35	04/24/22 19:24	LD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850339	1	04/21/22 12:01	04/21/22 22:44	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1851115	25	04/20/22 01:11	04/20/22 01:11	CAM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1849932	25	04/18/22 19:04	04/18/22 19:04	ADM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1850745	500	04/19/22 15:41	04/19/22 15:41	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG1853887	1	04/26/22 10:38	04/27/22 03:06	DMG	Mt. Juliet, TN

MW-102 L1482988-52 GW

Collected by: Scott Ude / HMI Team
Collected date/time: 04/13/22 15:50
Received date/time: 04/15/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG1850638	1	04/19/22 08:46	04/19/22 19:08	MMF	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1851916	50	04/22/22 16:07	04/22/22 16:07	CAT	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1851537	1	04/21/22 08:47	04/21/22 08:47	KEG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1851537	50	04/21/22 09:03	04/21/22 09:03	KEG	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850302	1	04/21/22 11:35	04/24/22 19:27	LD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850339	1	04/21/22 12:01	04/21/22 22:48	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1851115	50	04/20/22 02:16	04/20/22 02:16	CAM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1849932	50	04/18/22 19:25	04/18/22 19:25	ADM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1850745	500	04/19/22 16:00	04/19/22 16:00	JAH	Mt. Juliet, TN
EDB / DBCP by Method 8011	WG1850420	1.03	04/19/22 12:49	04/19/22 21:03	HLA	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG1853887	1	04/26/22 10:38	04/27/22 03:32	DMG	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270 C-mod	WG1849822	1	04/20/22 03:50	04/20/22 16:57	JNJ	Mt. Juliet, TN

RW-4 L1482988-53 GW

Collected by: Scott Ude / HMI Team
Collected date/time: 04/13/22 11:40
Received date/time: 04/15/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG1850638	1	04/19/22 08:46	04/19/22 19:08	MMF	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1851916	50	04/22/22 16:12	04/22/22 16:12	CAT	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1851537	1	04/21/22 09:20	04/21/22 09:20	KEG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1851537	50	04/21/22 09:36	04/21/22 09:36	KEG	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850302	1	04/21/22 11:35	04/24/22 19:31	LD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850339	1	04/21/22 12:01	04/21/22 22:51	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1849932	1	04/18/22 15:19	04/18/22 15:19	ADM	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG1853887	1	04/26/22 10:38	04/27/22 11:30	DMG	Mt. Juliet, TN

DUP-REST-02 L1482988-54 GW

Collected by: Scott Ude / HMI Team
Collected date/time: 04/13/22 13:00
Received date/time: 04/15/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG1850638	1	04/19/22 08:46	04/19/22 19:08	MMF	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1851916	50	04/22/22 16:14	04/22/22 16:14	CAT	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1851537	1	04/21/22 09:52	04/21/22 09:52	KEG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1851537	100	04/21/22 10:09	04/21/22 10:09	KEG	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850302	1	04/21/22 11:35	04/24/22 19:34	LD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850339	1	04/21/22 12:01	04/21/22 22:55	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1851115	25	04/20/22 01:33	04/20/22 01:33	CAM	Mt. Juliet, TN

DUP-REST-02 L1482988-54 GW

Collected by: Scott Ude / HMI Team | Collected date/time: 04/13/22 13:00 | Received date/time: 04/15/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1850380	25	04/18/22 22:53	04/18/22 22:53	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1850793	500	04/19/22 16:05	04/19/22 16:05	JAH	Mt. Juliet, TN
EDB / DBCP by Method 8011	WG1850420	1.04	04/19/22 12:49	04/19/22 21:14	HLA	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG1853888	1	04/26/22 07:34	04/26/22 23:14	HLJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270 C-mod	WG1849822	1	04/20/22 03:50	04/20/22 17:16	JNJ	Mt. Juliet, TN

EB-REST-02 L1482988-55 GW

Collected by: Scott Ude / HMI Team | Collected date/time: 04/13/22 16:20 | Received date/time: 04/15/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG1851757	1	04/20/22 17:44	04/20/22 18:25	MMF	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1851916	1	04/22/22 16:15	04/22/22 16:15	CAT	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1851537	1	04/21/22 10:27	04/21/22 10:27	KEG	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850306	1	04/21/22 11:32	04/25/22 14:25	JPD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850339	1	04/21/22 12:01	04/21/22 23:09	LD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1853681	1	04/26/22 00:57	04/26/22 11:55	SJM	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1851115	1	04/20/22 00:07	04/20/22 00:07	CAM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1850380	1	04/18/22 19:23	04/18/22 19:23	ACG	Mt. Juliet, TN
EDB / DBCP by Method 8011	WG1850932	1.05	04/20/22 10:36	04/20/22 20:27	CCW	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG1853888	1	04/26/22 07:34	04/26/22 23:37	HLJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270 C-mod	WG1849822	1	04/20/22 03:50	04/20/22 17:35	JNJ	Mt. Juliet, TN

MW-105 L1482988-56 GW

Collected by: Scott Ude / HMI Team | Collected date/time: 04/13/22 13:55 | Received date/time: 04/15/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG1850638	1	04/19/22 08:46	04/19/22 19:08	MMF	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1851916	50	04/22/22 16:16	04/22/22 16:16	CAT	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1856364	1	04/30/22 19:53	04/30/22 19:53	MCG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1856364	100	04/30/22 20:07	04/30/22 20:07	MCG	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850306	1	04/21/22 11:32	04/25/22 14:45	JPD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850339	1	04/21/22 12:01	04/21/22 23:13	LD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1853681	1	04/26/22 00:57	04/26/22 11:59	SJM	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1851115	25	04/20/22 01:55	04/20/22 01:55	CAM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1850380	25	04/18/22 23:14	04/18/22 23:14	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1850793	200	04/19/22 16:25	04/19/22 16:25	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG1853888	2	04/26/22 07:34	04/27/22 00:00	HLJ	Mt. Juliet, TN

MW-61 L1482988-57 GW

Collected by: Scott Ude / HMI Team | Collected date/time: 04/13/22 12:50 | Received date/time: 04/15/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG1850638	1	04/19/22 08:46	04/19/22 19:08	MMF	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1851916	50	04/22/22 16:17	04/22/22 16:17	CAT	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1851537	1	04/21/22 11:48	04/21/22 11:48	KEG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1851537	100	04/21/22 12:05	04/21/22 12:05	KEG	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850306	1	04/21/22 11:32	04/25/22 14:48	JPD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850339	1	04/21/22 12:01	04/21/22 23:16	LD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1853681	1	04/26/22 00:57	04/26/22 12:12	SJM	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1852280	10	04/21/22 20:59	04/21/22 20:59	JAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1850380	50	04/18/22 23:34	04/18/22 23:34	ACG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG1853888	1	04/26/22 07:34	04/27/22 17:24	HLJ	Mt. Juliet, TN

MW-61 L1482988-57 GW

Collected by: Scott Ude / HMI Team
Collected date/time: 04/13/22 12:50
Received date/time: 04/15/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Semi Volatile Organic Compounds (GC/MS) by Method 8270 C-mod	WG1849822	1	04/20/22 03:50	04/20/22 17:54	JNJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C	WG1850343	1	04/19/22 18:15	04/20/22 13:04	JNJ	Mt. Juliet, TN

RW-9 L1482988-58 GW

Collected by: Scott Ude / HMI Team
Collected date/time: 04/13/22 09:10
Received date/time: 04/15/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG1850638	1	04/19/22 08:46	04/19/22 19:08	MMF	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1851916	50	04/22/22 16:19	04/22/22 16:19	CAT	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1851537	1	04/21/22 12:21	04/21/22 12:21	KEG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1851537	100	04/21/22 12:38	04/21/22 12:38	KEG	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850306	1	04/21/22 11:32	04/25/22 17:40	JPD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850339	1	04/21/22 12:01	04/21/22 23:20	LD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1853681	1	04/26/22 00:57	04/26/22 12:15	SJM	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1852280	1	04/21/22 20:16	04/21/22 20:16	JAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1850793	10	04/19/22 16:45	04/19/22 16:45	JAH	Mt. Juliet, TN
EDB / DBCP by Method 8011	WG1850932	1.04	04/20/22 10:36	04/20/22 20:03	CCW	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG1853888	1	04/26/22 07:34	04/27/22 00:47	HLJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270 C-mod	WG1849822	1	04/20/22 03:50	04/20/22 18:14	JNJ	Mt. Juliet, TN

MW-56 L1482988-59 GW

Collected by: Scott Ude / HMI Team
Collected date/time: 04/13/22 10:35
Received date/time: 04/15/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG1850638	1	04/19/22 08:46	04/19/22 19:08	MMF	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1851916	1	04/22/22 16:20	04/22/22 16:20	CAT	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1851537	1	04/21/22 12:54	04/21/22 12:54	KEG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1851537	50	04/21/22 13:10	04/21/22 13:10	KEG	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850306	1	04/21/22 11:32	04/25/22 17:44	JPD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850339	1	04/21/22 12:01	04/21/22 23:23	LD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1853681	1	04/26/22 00:57	04/26/22 12:18	SJM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1850380	1	04/18/22 19:43	04/18/22 19:43	ACG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG1853888	1	04/26/22 07:34	04/27/22 14:54	HLJ	Mt. Juliet, TN

MW-49 L1482988-60 GW

Collected by: Scott Ude / HMI Team
Collected date/time: 04/13/22 14:20
Received date/time: 04/15/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG1850638	1	04/19/22 08:46	04/19/22 19:08	MMF	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1851916	10	04/22/22 16:21	04/22/22 16:21	CAT	Mt. Juliet, TN
Wet Chemistry by Method 4500CN E-2011	WG1852103	50	04/24/22 15:39	04/25/22 15:13	LDT	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1851537	1	04/21/22 13:27	04/21/22 13:27	KEG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1851537	10	04/21/22 13:43	04/21/22 13:43	KEG	Mt. Juliet, TN
Mercury by Method 7470A	WG1850020	1	04/27/22 10:20	04/28/22 08:32	ABL	Mt. Juliet, TN
Mercury by Method 7470A	WG1852270	1	04/28/22 08:47	04/29/22 10:24	ABL	Mt. Juliet, TN
Metals (ICP) by Method 6010B	WG1851270	1	04/20/22 08:49	04/20/22 16:22	ZSA	Mt. Juliet, TN
Metals (ICP) by Method 6010B	WG1851304	1	04/21/22 11:30	04/26/22 23:47	CCE	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850306	1	04/21/22 11:32	04/25/22 17:47	JPD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850342	1	04/21/22 07:51	04/21/22 22:48	JPD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1853681	1	04/26/22 00:57	04/26/22 12:22	SJM	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1851651	5	04/21/22 04:50	04/21/22 04:50	CAM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1850793	5	04/19/22 17:06	04/19/22 17:06	JAH	Mt. Juliet, TN

MW-49 L1482988-60 GW

Collected by: Scott Ude / HMI Team | Collected date/time: 04/13/22 14:20 | Received date/time: 04/15/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG1853888	1	04/26/22 07:34	04/27/22 01:33	HLJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270 C-mod	WG1849822	1	04/20/22 03:50	04/20/22 18:33	JNJ	Mt. Juliet, TN

MW-45 L1482988-61 GW

Collected by: Scott Ude / HMI Team | Collected date/time: 04/13/22 12:50 | Received date/time: 04/15/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG1850638	1	04/19/22 08:46	04/19/22 19:08	MMF	Mt. Juliet, TN
Gravimetric Analysis by Method 2540 C-2011	WG1862144	1	05/11/22 10:12	05/11/22 12:13	AEC	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1851919	1	04/22/22 19:04	04/22/22 19:04	CAT	Mt. Juliet, TN
Wet Chemistry by Method 4500CN E-2011	WG1852103	1	04/24/22 15:39	04/25/22 15:14	LDT	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1851537	1	04/21/22 21:14	04/21/22 21:14	KEG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1851537	100	04/21/22 21:30	04/21/22 21:30	KEG	Mt. Juliet, TN
Mercury by Method 7470A	WG1850020	1	04/27/22 10:20	04/28/22 08:35	ABL	Mt. Juliet, TN
Mercury by Method 7470A	WG1852270	1	04/28/22 08:47	04/29/22 10:32	ABL	Mt. Juliet, TN
Metals (ICP) by Method 6010B	WG1851270	1	04/20/22 08:49	04/20/22 16:25	ZSA	Mt. Juliet, TN
Metals (ICP) by Method 6010B	WG1851304	1	04/21/22 11:30	04/26/22 23:51	CCE	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850306	1	04/21/22 11:32	04/25/22 17:50	JPD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850342	1	04/21/22 07:51	04/21/22 23:02	JPD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1853681	1	04/26/22 00:57	04/26/22 12:25	SJM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1850380	1	04/18/22 20:04	04/18/22 20:04	ACG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG1853888	1	04/26/22 07:34	04/27/22 16:04	HLJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270 C-mod	WG1849822	1	04/20/22 03:50	04/20/22 18:52	JNJ	Mt. Juliet, TN

TRIP BLANK-REST-04 L1482988-62 GW

Collected by: Scott Ude / HMI Team | Collected date/time: 04/13/22 00:00 | Received date/time: 04/15/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1850534	1	04/19/22 09:35	04/19/22 09:35	JAH	Mt. Juliet, TN

MW-101 L1482988-64 GW

Collected by: Scott Ude / HMI Team | Collected date/time: 04/13/22 14:45 | Received date/time: 04/15/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG1850638	1	04/19/22 08:46	04/19/22 19:08	MMF	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1851919	10	04/22/22 19:05	04/22/22 19:05	CAT	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1851537	1	04/21/22 21:46	04/21/22 21:46	KEG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1851537	10	04/21/22 22:02	04/21/22 22:02	KEG	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850306	1	04/21/22 11:32	04/25/22 17:54	JPD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850342	1	04/21/22 07:51	04/21/22 23:05	JPD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1853681	1	04/26/22 00:57	04/26/22 12:29	SJM	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1851118	1	04/20/22 01:13	04/20/22 01:13	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1850534	1	04/19/22 11:57	04/19/22 11:57	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG1853888	1	04/26/22 07:34	04/27/22 02:19	HLJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270 C-mod	WG1849822	1	04/20/22 03:50	04/20/22 19:11	JNJ	Mt. Juliet, TN

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.



Chris McCord
Project Manager

Project Narrative

TDS is reporting outside of the 7-day hold time on several samples in this report. The initial in-hold results are lower than expected based on the relationship between TDS, Anions/Cations, and Specific Conductance and out-of-hold analyses confirms this assumption. The lab feels that the low bias seen in the in-hold analyses is due to the samples not fully adjusting to room temperature before being filtered. In some cases, samples that have high concentrations of Dissolved Sodium, Calcium, Sulfates, and Chlorides will have a low bias if the samples do not reach room temperature because these compounds can become trapped in the filter and not pass through during the filtration process. Both in-hold and out-of-hold results are being reported on these samples.

Sample Delivery Group (SDG) Narrative

pH outside of method requirement.

Lab Sample ID	Project Sample ID	Method
L1482988-04	MW-84	3511/8015
L1482988-05	MW-82	3511/8015
L1482988-07	MW-130	3511/8015
L1482988-08	MW-76	3511/8015
L1482988-09	MW-77	3511/8015
L1482988-31	MW-109	3511/8015
L1482988-32	MW-110	3511/8015
L1482988-38	KWB-7	3511/8015
L1482988-49	MW-103	8015D/GRO, 3511/8015
L1482988-51	MW-64	3511/8015
L1482988-52	MW-102	3511/8015
L1482988-53	RW-4	3511/8015
L1482988-54	DUP-REST-02	3511/8015
L1482988-57	MW-61	3511/8015
L1482988-58	RW-9	8015D/GRO, 3511/8015
L1482988-60	MW-49	3511/8015
L1482988-64	MW-101	3511/8015

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	3660		50.0	1	04/17/2022 04:51	WG1849696

Wet Chemistry by Method 353.2

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	U		0.0500	0.100	1	04/21/2022 21:51	WG1851912

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	710		3.79	10.0	10	04/20/2022 01:50	WG1850743
Fluoride	2.13		0.640	1.50	10	04/20/2022 01:50	WG1850743
Sulfate	1730		59.4	500	100	04/20/2022 02:05	WG1850743

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00483		0.000180	0.00200	1	04/25/2022 22:23	WG1850332
Arsenic,Dissolved	0.00490		0.000180	0.00200	1	04/26/2022 01:28	WG1850297
Barium	0.0137		0.000381	0.00200	1	04/25/2022 22:23	WG1850332
Barium,Dissolved	0.0125		0.000381	0.00200	1	04/26/2022 01:28	WG1850297
Calcium	301		0.0936	1.00	1	04/25/2022 22:23	WG1850332
Chromium	U		0.00124	0.00200	1	04/25/2022 22:23	WG1850332
Chromium,Dissolved	0.00158	J	0.00124	0.00200	1	04/26/2022 01:28	WG1850297
Iron	0.585		0.0281	0.100	1	04/25/2022 22:23	WG1850332
Iron,Dissolved	0.493		0.0281	0.100	1	04/26/2022 01:28	WG1850297
Lead	U		0.000849	0.00200	1	04/25/2022 22:23	WG1850332
Lead,Dissolved	U		0.000849	0.00200	1	04/26/2022 01:28	WG1850297
Manganese	0.266		0.000704	0.00500	1	04/25/2022 22:23	WG1850332
Manganese,Dissolved	0.280		0.000704	0.00500	1	04/26/2022 01:28	WG1850297
Potassium	1.35	J	0.108	2.00	1	04/25/2022 22:23	WG1850332
Selenium	0.000475	J	0.000300	0.00200	1	04/25/2022 22:23	WG1850332
Selenium,Dissolved	0.000882	J	0.000300	0.00200	1	04/26/2022 01:28	WG1850297
Sodium	673		0.376	2.00	1	04/25/2022 22:23	WG1850332

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	0.421		0.0314	0.100	1	04/19/2022 13:30	WG1850529
(S) a,a,a-Trifluorotoluene(FID)	*100*			*78.0-120*		*04/19/2022 13:30*	WG1850529

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/17/2022 02:52	WG1849677
Benzene	U		0.0000941	0.00100	1	04/17/2022 02:52	WG1849677
Bromodichloromethane	U		0.000136	0.00100	1	04/17/2022 02:52	WG1849677
Bromoform	U		0.000129	0.00100	1	04/17/2022 02:52	WG1849677
Bromomethane	U		0.000605	0.00500	1	04/17/2022 02:52	WG1849677
n-Butylbenzene	U		0.000157	0.00100	1	04/17/2022 02:52	WG1849677
sec-Butylbenzene	U		0.000125	0.00100	1	04/17/2022 02:52	WG1849677
Carbon disulfide	U		0.0000962	0.00100	1	04/17/2022 02:52	WG1849677
Carbon tetrachloride	U		0.000128	0.00100	1	04/17/2022 02:52	WG1849677

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chlorobenzene	U		0.000116	0.00100	1	04/17/2022 02:52	WG1849677
Chlorodibromomethane	U		0.000140	0.00100	1	04/17/2022 02:52	WG1849677
Chloroethane	U		0.000192	0.00500	1	04/17/2022 02:52	WG1849677
Chloroform	U		0.000111	0.00500	1	04/17/2022 02:52	WG1849677
Chloromethane	U		0.000960	0.00250	1	04/17/2022 02:52	WG1849677
1,2-Dibromoethane	U		0.000126	0.00100	1	04/17/2022 02:52	WG1849677
1,1-Dichloroethane	U		0.000100	0.00100	1	04/17/2022 02:52	WG1849677
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/17/2022 02:52	WG1849677
1,1-Dichloroethene	U		0.000188	0.00100	1	04/17/2022 02:52	WG1849677
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/17/2022 02:52	WG1849677
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/17/2022 02:52	WG1849677
1,2-Dichloropropane	U		0.000149	0.00100	1	04/17/2022 02:52	WG1849677
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/17/2022 02:52	WG1849677
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/17/2022 02:52	WG1849677
Ethylbenzene	0.00107		0.000137	0.00100	1	04/17/2022 02:52	WG1849677
Isopropylbenzene	0.000339	J	0.000105	0.00100	1	04/17/2022 02:52	WG1849677
p-Isopropyltoluene	U		0.000120	0.00100	1	04/17/2022 02:52	WG1849677
2-Butanone (MEK)	U		0.00119	0.0100	1	04/17/2022 02:52	WG1849677
2-Hexanone	U		0.000787	0.0100	1	04/17/2022 02:52	WG1849677
Methylene Chloride	U		0.000430	0.00500	1	04/17/2022 02:52	WG1849677
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/17/2022 02:52	WG1849677
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/17/2022 02:52	WG1849677
Naphthalene	U	J4	0.00100	0.00500	1	04/17/2022 02:52	WG1849677
n-Propylbenzene	0.000163	J	0.0000993	0.00100	1	04/17/2022 02:52	WG1849677
Styrene	U		0.000118	0.00100	1	04/17/2022 02:52	WG1849677
tert-Butyl alcohol	0.130		0.00406	0.00500	1	04/17/2022 02:52	WG1849677
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/17/2022 02:52	WG1849677
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/17/2022 02:52	WG1849677
Tetrachloroethene	U		0.000300	0.00100	1	04/17/2022 02:52	WG1849677
Toluene	0.00186		0.000278	0.00100	1	04/17/2022 02:52	WG1849677
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/17/2022 02:52	WG1849677
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/17/2022 02:52	WG1849677
Trichloroethene	U		0.000190	0.00100	1	04/17/2022 02:52	WG1849677
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/17/2022 02:52	WG1849677
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/17/2022 02:52	WG1849677
Vinyl chloride	U		0.000234	0.00100	1	04/17/2022 02:52	WG1849677
o-Xylene	0.00284		0.000174	0.00100	1	04/17/2022 02:52	WG1849677
m&p-Xylene	0.00270		0.000430	0.00200	1	04/17/2022 02:52	WG1849677
Xylenes, Total	0.00554		0.000174	0.00300	1	04/17/2022 02:52	WG1849677
(S) Toluene-d8	*96.6*			*80.0-120*		*04/17/2022 02:52*	WG1849677
(S) 4-Bromofluorobenzene	*100*			*77.0-126*		*04/17/2022 02:52*	WG1849677
(S) 1,2-Dichloroethane-d4	*102*			*70.0-130*		*04/17/2022 02:52*	WG1849677

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	8.03		0.0247	0.100	1	04/26/2022 19:28	WG1853529
(S) o-Terphenyl	*122*			*31.0-160*		*04/26/2022 19:28*	WG1853529

Semi Volatile Organic Compounds (GC/MS) by Method 8270 C-mod

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,4-Dioxane	0.000292	J	0.0000447	0.000400	1	04/19/2022 03:19	WG1849821
(S) Nitrobenzene-d5	*62.3*			*10.0-120*		*04/19/2022 03:19*	WG1849821

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	6880		100	1	04/17/2022 04:51	WG1849696

Wet Chemistry by Method 353.2

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	0.0655	J	0.0500	0.100	1	04/21/2022 21:59	WG1851912

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	1750		37.9	100	100	04/20/2022 02:36	WG1850743
Fluoride	3.64		0.640	1.50	10	04/20/2022 02:20	WG1850743
Sulfate	3080		59.4	500	100	04/20/2022 02:36	WG1850743

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00541		0.000180	0.00200	1	04/25/2022 22:27	WG1850332
Arsenic,Dissolved	0.00461		0.000180	0.00200	1	04/26/2022 01:31	WG1850297
Barium	0.0106		0.000381	0.00200	1	04/25/2022 22:27	WG1850332
Barium,Dissolved	0.0112		0.000381	0.00200	1	04/26/2022 01:31	WG1850297
Calcium	603		0.0936	1.00	1	04/25/2022 22:27	WG1850332
Chromium	U		0.00124	0.00200	1	04/25/2022 22:27	WG1850332
Chromium,Dissolved	U		0.00124	0.00200	1	04/26/2022 01:31	WG1850297
Iron	4.34		0.0281	0.100	1	04/25/2022 22:27	WG1850332
Iron,Dissolved	4.04		0.0281	0.100	1	04/26/2022 01:31	WG1850297
Lead	U		0.000849	0.00200	1	04/25/2022 22:27	WG1850332
Lead,Dissolved	U		0.000849	0.00200	1	04/26/2022 01:31	WG1850297
Manganese	1.27		0.000704	0.00500	1	04/25/2022 22:27	WG1850332
Manganese,Dissolved	1.22		0.000704	0.00500	1	04/26/2022 01:31	WG1850297
Potassium	2.93		0.108	2.00	1	04/25/2022 22:27	WG1850332
Selenium	0.00110	J	0.000300	0.00200	1	04/25/2022 22:27	WG1850332
Selenium,Dissolved	0.00119	J	0.000300	0.00200	1	04/26/2022 01:31	WG1850297
Sodium	1190		1.88	10.0	5	04/26/2022 00:57	WG1850332

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	0.0765	B J	0.0314	0.100	1	04/19/2022 13:52	WG1850529
(S) a,a,a-Trifluorotoluene(FID)	*100*			*78.0-120*		*04/19/2022 13:52*	WG1850529

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/17/2022 03:13	WG1849677
Benzene	U		0.0000941	0.00100	1	04/17/2022 03:13	WG1849677
Bromodichloromethane	U		0.000136	0.00100	1	04/17/2022 03:13	WG1849677
Bromoform	U		0.000129	0.00100	1	04/17/2022 03:13	WG1849677
Bromomethane	U		0.000605	0.00500	1	04/17/2022 03:13	WG1849677
n-Butylbenzene	U		0.000157	0.00100	1	04/17/2022 03:13	WG1849677
sec-Butylbenzene	U		0.000125	0.00100	1	04/17/2022 03:13	WG1849677
Carbon disulfide	U		0.0000962	0.00100	1	04/17/2022 03:13	WG1849677
Carbon tetrachloride	U		0.000128	0.00100	1	04/17/2022 03:13	WG1849677

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chlorobenzene	U		0.000116	0.00100	1	04/17/2022 03:13	WG1849677
Chlorodibromomethane	U		0.000140	0.00100	1	04/17/2022 03:13	WG1849677
Chloroethane	U		0.000192	0.00500	1	04/17/2022 03:13	WG1849677
Chloroform	U		0.000111	0.00500	1	04/17/2022 03:13	WG1849677
Chloromethane	U		0.000960	0.00250	1	04/17/2022 03:13	WG1849677
1,2-Dibromoethane	U		0.000126	0.00100	1	04/17/2022 03:13	WG1849677
1,1-Dichloroethane	U		0.000100	0.00100	1	04/17/2022 03:13	WG1849677
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/17/2022 03:13	WG1849677
1,1-Dichloroethene	U		0.000188	0.00100	1	04/17/2022 03:13	WG1849677
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/17/2022 03:13	WG1849677
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/17/2022 03:13	WG1849677
1,2-Dichloropropane	U		0.000149	0.00100	1	04/17/2022 03:13	WG1849677
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/17/2022 03:13	WG1849677
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/17/2022 03:13	WG1849677
Ethylbenzene	U		0.000137	0.00100	1	04/17/2022 03:13	WG1849677
Isopropylbenzene	U		0.000105	0.00100	1	04/17/2022 03:13	WG1849677
p-Isopropyltoluene	U		0.000120	0.00100	1	04/17/2022 03:13	WG1849677
2-Butanone (MEK)	U		0.00119	0.0100	1	04/17/2022 03:13	WG1849677
2-Hexanone	U		0.000787	0.0100	1	04/17/2022 03:13	WG1849677
Methylene Chloride	U		0.000430	0.00500	1	04/17/2022 03:13	WG1849677
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/17/2022 03:13	WG1849677
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/17/2022 03:13	WG1849677
Naphthalene	U	J4	0.00100	0.00500	1	04/17/2022 03:13	WG1849677
n-Propylbenzene	U		0.0000993	0.00100	1	04/17/2022 03:13	WG1849677
Styrene	U		0.000118	0.00100	1	04/17/2022 03:13	WG1849677
tert-Butyl alcohol	U		0.00406	0.00500	1	04/17/2022 03:13	WG1849677
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/17/2022 03:13	WG1849677
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/17/2022 03:13	WG1849677
Tetrachloroethene	U		0.000300	0.00100	1	04/17/2022 03:13	WG1849677
Toluene	U		0.000278	0.00100	1	04/17/2022 03:13	WG1849677
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/17/2022 03:13	WG1849677
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/17/2022 03:13	WG1849677
Trichloroethene	U		0.000190	0.00100	1	04/17/2022 03:13	WG1849677
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/17/2022 03:13	WG1849677
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/17/2022 03:13	WG1849677
Vinyl chloride	U		0.000234	0.00100	1	04/17/2022 03:13	WG1849677
o-Xylene	U		0.000174	0.00100	1	04/17/2022 03:13	WG1849677
m&p-Xylene	U		0.000430	0.00200	1	04/17/2022 03:13	WG1849677
Xylenes, Total	U		0.000174	0.00300	1	04/17/2022 03:13	WG1849677
(S) Toluene-d8	*98.4*			*80.0-120*		*04/17/2022 03:13*	WG1849677
(S) 4-Bromofluorobenzene	*103*			*77.0-126*		*04/17/2022 03:13*	WG1849677
(S) 1,2-Dichloroethane-d4	*110*			*70.0-130*		*04/17/2022 03:13*	WG1849677

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.240		0.0247	0.100	1	04/27/2022 13:38	WG1853529
(S) o-Terphenyl	*69.5*			*31.0-160*		*04/27/2022 13:38*	WG1853529

Semi Volatile Organic Compounds (GC/MS) by Method 8270 C-mod

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,4-Dioxane	U		0.0000447	0.000400	1	04/19/2022 06:10	WG1849821
(S) Nitrobenzene-d5	*61.9*			*10.0-120*		*04/19/2022 06:10*	WG1849821

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	3140		100	1	04/18/2022 17:29	WG1850373
Dissolved Solids	5160	Q	50.0	1	05/11/2022 12:13	WG1862144

Wet Chemistry by Method 353.2

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	0.221		0.0500	0.100	1	04/21/2022 22:00	WG1851912

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	1030		37.9	100	100	04/20/2022 03:07	WG1850743
Fluoride	5.18		0.640	1.50	10	04/20/2022 02:51	WG1850743
Sulfate	2600		59.4	500	100	04/20/2022 03:07	WG1850743

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.0461		0.000180	0.00200	1	04/25/2022 22:30	WG1850332
Arsenic,Dissolved	0.0251		0.000180	0.00200	1	04/25/2022 21:47	WG1850297
Barium	0.0121		0.000381	0.00200	1	04/25/2022 22:30	WG1850332
Barium,Dissolved	0.00987		0.000381	0.00200	1	04/25/2022 21:47	WG1850297
Calcium	651		0.0936	1.00	1	04/25/2022 22:30	WG1850332
Chromium	U		0.00124	0.00200	1	04/25/2022 22:30	WG1850332
Chromium,Dissolved	U		0.00124	0.00200	1	04/25/2022 21:47	WG1850297
Iron	0.552		0.0281	0.100	1	04/25/2022 22:30	WG1850332
Iron,Dissolved	0.0354	J	0.0281	0.100	1	04/25/2022 21:47	WG1850297
Lead	U		0.000849	0.00200	1	04/25/2022 22:30	WG1850332
Lead,Dissolved	U		0.000849	0.00200	1	04/25/2022 21:47	WG1850297
Manganese	1.70		0.000704	0.00500	1	04/25/2022 22:30	WG1850332
Manganese,Dissolved	1.80		0.000704	0.00500	1	04/25/2022 21:47	WG1850297
Potassium	3.27		0.108	2.00	1	04/25/2022 22:30	WG1850332
Selenium	0.00509		0.000300	0.00200	1	04/25/2022 22:30	WG1850332
Selenium,Dissolved	0.00472		0.000300	0.00200	1	04/25/2022 21:47	WG1850297
Sodium	633		0.376	2.00	1	04/25/2022 22:30	WG1850332

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	U		0.0314	0.100	1	04/19/2022 14:13	WG1850529
(S) a,a,a-Trifluorotoluene(FID)	*100*			*78.0-120*		*04/19/2022 14:13*	WG1850529

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/17/2022 03:34	WG1849677
Benzene	0.000159	J	0.0000941	0.00100	1	04/17/2022 03:34	WG1849677
Bromodichloromethane	U		0.000136	0.00100	1	04/17/2022 03:34	WG1849677
Bromoform	U		0.000129	0.00100	1	04/17/2022 03:34	WG1849677
Bromomethane	U		0.000605	0.00500	1	04/17/2022 03:34	WG1849677
n-Butylbenzene	U		0.000157	0.00100	1	04/17/2022 03:34	WG1849677
sec-Butylbenzene	U		0.000125	0.00100	1	04/17/2022 03:34	WG1849677
Carbon disulfide	U		0.0000962	0.00100	1	04/17/2022 03:34	WG1849677

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Carbon tetrachloride	U		0.000128	0.00100	1	04/17/2022 03:34	WG1849677
Chlorobenzene	U		0.000116	0.00100	1	04/17/2022 03:34	WG1849677
Chlorodibromomethane	U		0.000140	0.00100	1	04/17/2022 03:34	WG1849677
Chloroethane	U		0.000192	0.00500	1	04/17/2022 03:34	WG1849677
Chloroform	U		0.000111	0.00500	1	04/17/2022 03:34	WG1849677
Chloromethane	U		0.000960	0.00250	1	04/17/2022 03:34	WG1849677
1,2-Dibromoethane	U		0.000126	0.00100	1	04/17/2022 03:34	WG1849677
1,1-Dichloroethane	U		0.000100	0.00100	1	04/17/2022 03:34	WG1849677
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/17/2022 03:34	WG1849677
1,1-Dichloroethene	U		0.000188	0.00100	1	04/17/2022 03:34	WG1849677
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/17/2022 03:34	WG1849677
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/17/2022 03:34	WG1849677
1,2-Dichloropropane	U		0.000149	0.00100	1	04/17/2022 03:34	WG1849677
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/17/2022 03:34	WG1849677
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/17/2022 03:34	WG1849677
Ethylbenzene	U		0.000137	0.00100	1	04/17/2022 03:34	WG1849677
Isopropylbenzene	U		0.000105	0.00100	1	04/17/2022 03:34	WG1849677
p-Isopropyltoluene	U		0.000120	0.00100	1	04/17/2022 03:34	WG1849677
2-Butanone (MEK)	U		0.00119	0.0100	1	04/17/2022 03:34	WG1849677
2-Hexanone	U		0.000787	0.0100	1	04/17/2022 03:34	WG1849677
Methylene Chloride	U		0.000430	0.00500	1	04/17/2022 03:34	WG1849677
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/17/2022 03:34	WG1849677
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/17/2022 03:34	WG1849677
Naphthalene	U	J4	0.00100	0.00500	1	04/17/2022 03:34	WG1849677
n-Propylbenzene	U		0.0000993	0.00100	1	04/17/2022 03:34	WG1849677
Styrene	U		0.000118	0.00100	1	04/17/2022 03:34	WG1849677
tert-Butyl alcohol	0.00915		0.00406	0.00500	1	04/17/2022 03:34	WG1849677
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/17/2022 03:34	WG1849677
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/17/2022 03:34	WG1849677
Tetrachloroethene	U		0.000300	0.00100	1	04/17/2022 03:34	WG1849677
Toluene	U		0.000278	0.00100	1	04/17/2022 03:34	WG1849677
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/17/2022 03:34	WG1849677
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/17/2022 03:34	WG1849677
Trichloroethene	U		0.000190	0.00100	1	04/17/2022 03:34	WG1849677
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/17/2022 03:34	WG1849677
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/17/2022 03:34	WG1849677
Vinyl chloride	U		0.000234	0.00100	1	04/17/2022 03:34	WG1849677
o-Xylene	U		0.000174	0.00100	1	04/17/2022 03:34	WG1849677
m&p-Xylene	U		0.000430	0.00200	1	04/17/2022 03:34	WG1849677
Xylenes, Total	U		0.000174	0.00300	1	04/17/2022 03:34	WG1849677
(S) Toluene-d8	*98.6*			*80.0-120*		*04/17/2022 03:34*	WG1849677
(S) 4-Bromofluorobenzene	*103*			*77.0-126*		*04/17/2022 03:34*	WG1849677
(S) 1,2-Dichloroethane-d4	*106*			*70.0-130*		*04/17/2022 03:34*	WG1849677

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.115		0.0247	0.100	1	04/27/2022 13:18	WG1853529
(S) o-Terphenyl	*66.3*			*31.0-160*		*04/27/2022 13:18*	WG1853529

Semi Volatile Organic Compounds (GC/MS) by Method 8270 C-mod

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,4-Dioxane	U		0.0000447	0.000400	1	04/19/2022 03:38	WG1849821
(S) Nitrobenzene-d5	*57.3*			*10.0-120*		*04/19/2022 03:38*	WG1849821

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	9140		100	1	04/18/2022 17:29	WG1850373

Wet Chemistry by Method 353.2

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	U		0.250	0.500	5	04/21/2022 22:02	WG1851912

Sample Narrative:

L1482988-04 WG1851912: Dilution due to color.

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	1490		37.9	100	100	04/20/2022 03:37	WG1850743
Fluoride	5.97		0.640	1.50	10	04/20/2022 03:22	WG1850743
Sulfate	5120		59.4	500	100	04/20/2022 03:37	WG1850743

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.110		0.000180	0.00200	1	04/25/2022 23:39	WG1850332
Arsenic,Dissolved	0.0947		0.000900	0.0100	5	04/26/2022 01:05	WG1850297
Barium	0.0135		0.000381	0.00200	1	04/25/2022 23:39	WG1850332
Barium,Dissolved	0.0106	B	0.00190	0.0100	5	04/26/2022 01:05	WG1850297
Calcium	616		0.0936	1.00	1	04/25/2022 23:39	WG1850332
Chromium	0.00551		0.00124	0.00200	1	04/25/2022 23:39	WG1850332
Chromium,Dissolved	U		0.00620	0.0100	5	04/26/2022 01:05	WG1850297
Iron	1.93		0.0281	0.100	1	04/25/2022 23:39	WG1850332
Iron,Dissolved	1.25		0.140	0.500	5	04/26/2022 01:05	WG1850297
Lead	U		0.000849	0.00200	1	04/25/2022 23:39	WG1850332
Lead,Dissolved	U		0.00424	0.0100	5	04/26/2022 01:05	WG1850297
Manganese	2.81		0.000704	0.00500	1	04/25/2022 23:39	WG1850332
Manganese,Dissolved	2.79		0.00352	0.0250	5	04/26/2022 01:05	WG1850297
Potassium	6.94		0.108	2.00	1	04/25/2022 23:39	WG1850332
Selenium	0.00766		0.000300	0.00200	1	04/25/2022 23:39	WG1850332
Selenium,Dissolved	0.00735	J	0.00150	0.0100	5	04/26/2022 01:05	WG1850297
Sodium	1500		1.88	10.0	5	04/25/2022 23:50	WG1850332

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	0.279		0.0314	0.100	1	04/21/2022 14:49	WG1851947
(S) a,a,a-Trifluorotoluene(FID)	*101*			*78.0-120*		*04/21/2022 14:49*	WG1851947

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.226	1.00	20	04/20/2022 01:52	WG1851134
Benzene	0.00441	J	0.00188	0.0200	20	04/20/2022 01:52	WG1851134
Bromodichloromethane	U		0.00272	0.0200	20	04/20/2022 01:52	WG1851134
Bromoform	U		0.00258	0.0200	20	04/20/2022 01:52	WG1851134
Bromomethane	U		0.0121	0.100	20	04/20/2022 01:52	WG1851134
n-Butylbenzene	U		0.00314	0.0200	20	04/20/2022 01:52	WG1851134

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
sec-Butylbenzene	0.00348	J	0.00250	0.0200	20	04/20/2022 01:52	WG1851134
Carbon disulfide	0.0160	B J	0.00192	0.0200	20	04/20/2022 01:52	WG1851134
Carbon tetrachloride	U		0.00256	0.0200	20	04/20/2022 01:52	WG1851134
Chlorobenzene	U		0.00232	0.0200	20	04/20/2022 01:52	WG1851134
Chlorodibromomethane	U		0.00280	0.0200	20	04/20/2022 01:52	WG1851134
Chloroethane	U		0.00384	0.100	20	04/20/2022 01:52	WG1851134
Chloroform	U		0.00222	0.100	20	04/20/2022 01:52	WG1851134
Chloromethane	U		0.0192	0.0500	20	04/20/2022 01:52	WG1851134
1,2-Dibromoethane	U		0.00252	0.0200	20	04/20/2022 01:52	WG1851134
1,1-Dichloroethane	U		0.00200	0.0200	20	04/20/2022 01:52	WG1851134
1,2-Dichloroethane	U		0.00164	0.0200	20	04/20/2022 01:52	WG1851134
1,1-Dichloroethene	U		0.00376	0.0200	20	04/20/2022 01:52	WG1851134
cis-1,2-Dichloroethene	U		0.00252	0.0200	20	04/20/2022 01:52	WG1851134
trans-1,2-Dichloroethene	U		0.00298	0.0200	20	04/20/2022 01:52	WG1851134
1,2-Dichloropropane	U		0.00298	0.0200	20	04/20/2022 01:52	WG1851134
cis-1,3-Dichloropropene	U		0.00222	0.0200	20	04/20/2022 01:52	WG1851134
trans-1,3-Dichloropropene	U		0.00236	0.0200	20	04/20/2022 01:52	WG1851134
Ethylbenzene	U		0.00274	0.0200	20	04/20/2022 01:52	WG1851134
Isopropylbenzene	U		0.00210	0.0200	20	04/20/2022 01:52	WG1851134
p-Isopropyltoluene	0.00689	J	0.00240	0.0200	20	04/20/2022 01:52	WG1851134
2-Butanone (MEK)	U		0.0238	0.200	20	04/20/2022 01:52	WG1851134
2-Hexanone	U		0.0157	0.200	20	04/20/2022 01:52	WG1851134
Methylene Chloride	U		0.00860	0.100	20	04/20/2022 01:52	WG1851134
4-Methyl-2-pentanone (MIBK)	U		0.00956	0.200	20	04/20/2022 01:52	WG1851134
Methyl tert-butyl ether	U		0.00202	0.0200	20	04/20/2022 01:52	WG1851134
Naphthalene	U		0.0200	0.100	20	04/20/2022 01:52	WG1851134
n-Propylbenzene	0.00910	J	0.00199	0.0200	20	04/20/2022 01:52	WG1851134
Styrene	0.00688	J	0.00236	0.0200	20	04/20/2022 01:52	WG1851134
tert-Butyl alcohol	U		0.0812	0.100	20	04/20/2022 01:52	WG1851134
1,1,1,2-Tetrachloroethane	U		0.00294	0.0200	20	04/20/2022 01:52	WG1851134
1,1,2,2-Tetrachloroethane	U		0.00266	0.0200	20	04/20/2022 01:52	WG1851134
Tetrachloroethene	U		0.00600	0.0200	20	04/20/2022 01:52	WG1851134
Toluene	U		0.00556	0.0200	20	04/20/2022 01:52	WG1851134
1,1,1-Trichloroethane	U		0.00298	0.0200	20	04/20/2022 01:52	WG1851134
1,1,2-Trichloroethane	U		0.00316	0.0200	20	04/20/2022 01:52	WG1851134
Trichloroethene	0.00423	J	0.00380	0.0200	20	04/20/2022 01:52	WG1851134
1,2,4-Trimethylbenzene	U		0.00644	0.0200	20	04/20/2022 01:52	WG1851134
1,3,5-Trimethylbenzene	0.00721	J	0.00208	0.0200	20	04/20/2022 01:52	WG1851134
Vinyl chloride	U		0.00468	0.0200	20	04/20/2022 01:52	WG1851134
o-Xylene	U		0.00348	0.0200	20	04/20/2022 01:52	WG1851134
m&p-Xylene	U		0.00860	0.0400	20	04/20/2022 01:52	WG1851134
Xylenes, Total	U		0.00348	0.0600	20	04/20/2022 01:52	WG1851134
(S) Toluene-d8	*107*			*80.0-120*		*04/20/2022 01:52*	WG1851134
(S) 4-Bromofluorobenzene	*100*			*77.0-126*		*04/20/2022 01:52*	WG1851134
(S) 1,2-Dichloroethane-d4	*76.1*			*70.0-130*		*04/20/2022 01:52*	WG1851134

Sample Narrative:

L1482988-04 WG1851134: Lowest possible dilution due to sample foaming.

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	79.4		0.247	1.00	10	04/26/2022 21:29	WG1853529
(S) o-Terphenyl	*0.000*	J2		*31.0-160*		*04/26/2022 21:29*	WG1853529

Sample Narrative:

MW-04
Collected date/time: 04/13/22 09:05
L1482988

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	

L1482988-04 WG1853529: Surrogate failure due to matrix interference

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	4490		100	1	04/18/2022 18:37	WG1850391
Dissolved Solids	5620	Q	100	1	05/11/2022 12:13	WG1862144

Wet Chemistry by Method 353.2

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	1.12		0.0500	0.100	1	04/21/2022 22:03	WG1851912

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	1540		37.9	100	100	04/20/2022 04:39	WG1850743
Fluoride	9.26		0.640	1.50	10	04/20/2022 04:24	WG1850743
Sulfate	2380		59.4	500	100	04/20/2022 04:39	WG1850743

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.0235		0.000180	0.00200	1	04/25/2022 22:36	WG1850332
Arsenic,Dissolved	0.0190		0.000180	0.00200	1	04/25/2022 21:54	WG1850297
Barium	0.0257		0.000381	0.00200	1	04/25/2022 22:36	WG1850332
Barium,Dissolved	0.0233		0.000381	0.00200	1	04/25/2022 21:54	WG1850297
Calcium	531		0.0936	1.00	1	04/25/2022 22:36	WG1850332
Chromium	U		0.00124	0.00200	1	04/25/2022 22:36	WG1850332
Chromium,Dissolved	U		0.00124	0.00200	1	04/25/2022 21:54	WG1850297
Iron	0.235		0.0281	0.100	1	04/25/2022 22:36	WG1850332
Iron,Dissolved	0.103		0.0281	0.100	1	04/25/2022 21:54	WG1850297
Lead	U		0.000849	0.00200	1	04/25/2022 22:36	WG1850332
Lead,Dissolved	U		0.000849	0.00200	1	04/25/2022 21:54	WG1850297
Manganese	2.55		0.000704	0.00500	1	04/25/2022 22:36	WG1850332
Manganese,Dissolved	2.60		0.000704	0.00500	1	04/25/2022 21:54	WG1850297
Potassium	9.50		0.108	2.00	1	04/25/2022 22:36	WG1850332
Selenium	0.00103	J	0.000300	0.00200	1	04/25/2022 22:36	WG1850332
Selenium,Dissolved	0.00103	J	0.000300	0.00200	1	04/25/2022 21:54	WG1850297
Sodium	1110		1.88	10.0	5	04/26/2022 01:00	WG1850332

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	0.257	B	0.0314	0.100	1	04/19/2022 14:34	WG1850529
(S) a,a,a-Trifluorotoluene(FID)	*99.0*			*78.0-120*		*04/19/2022 14:34*	WG1850529

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/17/2022 03:56	WG1849677
Benzene	U		0.0000941	0.00100	1	04/17/2022 03:56	WG1849677
Bromodichloromethane	U		0.000136	0.00100	1	04/17/2022 03:56	WG1849677
Bromoform	U		0.000129	0.00100	1	04/17/2022 03:56	WG1849677
Bromomethane	U		0.000605	0.00500	1	04/17/2022 03:56	WG1849677
n-Butylbenzene	U		0.000157	0.00100	1	04/17/2022 03:56	WG1849677
sec-Butylbenzene	U		0.000125	0.00100	1	04/17/2022 03:56	WG1849677
Carbon disulfide	U		0.0000962	0.00100	1	04/17/2022 03:56	WG1849677

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Carbon tetrachloride	U		0.000128	0.00100	1	04/17/2022 03:56	WG1849677
Chlorobenzene	U		0.000116	0.00100	1	04/17/2022 03:56	WG1849677
Chlorodibromomethane	U		0.000140	0.00100	1	04/17/2022 03:56	WG1849677
Chloroethane	U		0.000192	0.00500	1	04/17/2022 03:56	WG1849677
Chloroform	U		0.000111	0.00500	1	04/17/2022 03:56	WG1849677
Chloromethane	U		0.000960	0.00250	1	04/17/2022 03:56	WG1849677
1,2-Dibromoethane	U		0.000126	0.00100	1	04/17/2022 03:56	WG1849677
1,1-Dichloroethane	U		0.000100	0.00100	1	04/17/2022 03:56	WG1849677
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/17/2022 03:56	WG1849677
1,1-Dichloroethene	U		0.000188	0.00100	1	04/17/2022 03:56	WG1849677
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/17/2022 03:56	WG1849677
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/17/2022 03:56	WG1849677
1,2-Dichloropropane	U		0.000149	0.00100	1	04/17/2022 03:56	WG1849677
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/17/2022 03:56	WG1849677
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/17/2022 03:56	WG1849677
Ethylbenzene	U		0.000137	0.00100	1	04/17/2022 03:56	WG1849677
Isopropylbenzene	U		0.000105	0.00100	1	04/17/2022 03:56	WG1849677
p-Isopropyltoluene	U		0.000120	0.00100	1	04/17/2022 03:56	WG1849677
2-Butanone (MEK)	U		0.00119	0.0100	1	04/17/2022 03:56	WG1849677
2-Hexanone	U		0.000787	0.0100	1	04/17/2022 03:56	WG1849677
Methylene Chloride	U		0.000430	0.00500	1	04/17/2022 03:56	WG1849677
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/17/2022 03:56	WG1849677
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/17/2022 03:56	WG1849677
Naphthalene	U	J4	0.00100	0.00500	1	04/17/2022 03:56	WG1849677
n-Propylbenzene	U		0.0000993	0.00100	1	04/17/2022 03:56	WG1849677
Styrene	U		0.000118	0.00100	1	04/17/2022 03:56	WG1849677
tert-Butyl alcohol	U		0.00406	0.00500	1	04/17/2022 03:56	WG1849677
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/17/2022 03:56	WG1849677
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/17/2022 03:56	WG1849677
Tetrachloroethene	U		0.000300	0.00100	1	04/17/2022 03:56	WG1849677
Toluene	U		0.000278	0.00100	1	04/17/2022 03:56	WG1849677
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/17/2022 03:56	WG1849677
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/17/2022 03:56	WG1849677
Trichloroethene	U		0.000190	0.00100	1	04/17/2022 03:56	WG1849677
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/17/2022 03:56	WG1849677
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/17/2022 03:56	WG1849677
Vinyl chloride	U		0.000234	0.00100	1	04/17/2022 03:56	WG1849677
o-Xylene	U		0.000174	0.00100	1	04/17/2022 03:56	WG1849677
m&p-Xylene	U		0.000430	0.00200	1	04/17/2022 03:56	WG1849677
Xylenes, Total	U		0.000174	0.00300	1	04/17/2022 03:56	WG1849677
(S) Toluene-d8	*99.4*			*80.0-120*		*04/17/2022 03:56*	WG1849677
(S) 4-Bromofluorobenzene	*104*			*77.0-126*		*04/17/2022 03:56*	WG1849677
(S) 1,2-Dichloroethane-d4	*105*			*70.0-130*		*04/17/2022 03:56*	WG1849677

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	3.71		0.0247	0.100	1	04/26/2022 20:28	WG1853529
(S) o-Terphenyl	*94.7*			*31.0-160*		*04/26/2022 20:28*	WG1853529

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	1780	J3	50.0	1	04/18/2022 18:37	WG1850391

Wet Chemistry by Method 353.2

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	0.465		0.0500	0.100	1	04/21/2022 22:04	WG1851912

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	145		3.79	10.0	10	04/20/2022 05:57	WG1850743
Fluoride	0.768		0.0640	0.150	1	04/20/2022 04:55	WG1850743
Sulfate	885	V	5.94	50.0	10	04/20/2022 05:57	WG1850743

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00390		0.000180	0.00200	1	04/25/2022 22:40	WG1850332
Arsenic,Dissolved	0.00381		0.000180	0.00200	1	04/25/2022 21:58	WG1850297
Barium	0.0209		0.000381	0.00200	1	04/25/2022 22:40	WG1850332
Barium,Dissolved	0.0152		0.000381	0.00200	1	04/25/2022 21:58	WG1850297
Calcium	236		0.0936	1.00	1	04/25/2022 22:40	WG1850332
Chromium	0.00179	J	0.00124	0.00200	1	04/25/2022 22:40	WG1850332
Chromium,Dissolved	U		0.00124	0.00200	1	04/25/2022 21:58	WG1850297
Iron	0.712		0.0281	0.100	1	04/25/2022 22:40	WG1850332
Iron,Dissolved	0.0540	J	0.0281	0.100	1	04/25/2022 21:58	WG1850297
Lead	0.00252		0.000849	0.00200	1	04/25/2022 22:40	WG1850332
Lead,Dissolved	U		0.000849	0.00200	1	04/25/2022 21:58	WG1850297
Manganese	0.106		0.000704	0.00500	1	04/25/2022 22:40	WG1850332
Manganese,Dissolved	0.101		0.000704	0.00500	1	04/25/2022 21:58	WG1850297
Potassium	0.875	J	0.108	2.00	1	04/25/2022 22:40	WG1850332
Selenium	0.00315		0.000300	0.00200	1	04/25/2022 22:40	WG1850332
Selenium,Dissolved	0.00305		0.000300	0.00200	1	04/25/2022 21:58	WG1850297
Sodium	280		0.376	2.00	1	04/25/2022 22:40	WG1850332

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	0.0341	B J	0.0314	0.100	1	04/19/2022 14:56	WG1850529
(S) a,a,a-Trifluorotoluene(FID)	*99.7*			*78.0-120*		*04/19/2022 14:56*	WG1850529

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/17/2022 04:17	WG1849677
Benzene	U		0.0000941	0.00100	1	04/17/2022 04:17	WG1849677
Bromodichloromethane	U		0.000136	0.00100	1	04/17/2022 04:17	WG1849677
Bromoform	U		0.000129	0.00100	1	04/17/2022 04:17	WG1849677
Bromomethane	U		0.000605	0.00500	1	04/17/2022 04:17	WG1849677
n-Butylbenzene	U		0.000157	0.00100	1	04/17/2022 04:17	WG1849677
sec-Butylbenzene	U		0.000125	0.00100	1	04/17/2022 04:17	WG1849677
Carbon disulfide	U		0.0000962	0.00100	1	04/17/2022 04:17	WG1849677
Carbon tetrachloride	U		0.000128	0.00100	1	04/17/2022 04:17	WG1849677

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chlorobenzene	U		0.000116	0.00100	1	04/17/2022 04:17	WG1849677
Chlorodibromomethane	U		0.000140	0.00100	1	04/17/2022 04:17	WG1849677
Chloroethane	U		0.000192	0.00500	1	04/17/2022 04:17	WG1849677
Chloroform	U		0.000111	0.00500	1	04/17/2022 04:17	WG1849677
Chloromethane	U		0.000960	0.00250	1	04/17/2022 04:17	WG1849677
1,2-Dibromoethane	U		0.000126	0.00100	1	04/17/2022 04:17	WG1849677
1,1-Dichloroethane	U		0.000100	0.00100	1	04/17/2022 04:17	WG1849677
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/17/2022 04:17	WG1849677
1,1-Dichloroethene	U		0.000188	0.00100	1	04/17/2022 04:17	WG1849677
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/17/2022 04:17	WG1849677
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/17/2022 04:17	WG1849677
1,2-Dichloropropane	U		0.000149	0.00100	1	04/17/2022 04:17	WG1849677
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/17/2022 04:17	WG1849677
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/17/2022 04:17	WG1849677
Ethylbenzene	U		0.000137	0.00100	1	04/17/2022 04:17	WG1849677
Isopropylbenzene	U		0.000105	0.00100	1	04/17/2022 04:17	WG1849677
p-Isopropyltoluene	U		0.000120	0.00100	1	04/17/2022 04:17	WG1849677
2-Butanone (MEK)	U		0.00119	0.0100	1	04/17/2022 04:17	WG1849677
2-Hexanone	U		0.000787	0.0100	1	04/17/2022 04:17	WG1849677
Methylene Chloride	U		0.000430	0.00500	1	04/17/2022 04:17	WG1849677
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/17/2022 04:17	WG1849677
Methyl tert-butyl ether	0.00212		0.000101	0.00100	1	04/17/2022 04:17	WG1849677
Naphthalene	U	J4	0.00100	0.00500	1	04/17/2022 04:17	WG1849677
n-Propylbenzene	U		0.0000993	0.00100	1	04/17/2022 04:17	WG1849677
Styrene	U		0.000118	0.00100	1	04/17/2022 04:17	WG1849677
tert-Butyl alcohol	U		0.00406	0.00500	1	04/17/2022 04:17	WG1849677
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/17/2022 04:17	WG1849677
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/17/2022 04:17	WG1849677
Tetrachloroethene	U		0.000300	0.00100	1	04/17/2022 04:17	WG1849677
Toluene	U		0.000278	0.00100	1	04/17/2022 04:17	WG1849677
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/17/2022 04:17	WG1849677
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/17/2022 04:17	WG1849677
Trichloroethene	U		0.000190	0.00100	1	04/17/2022 04:17	WG1849677
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/17/2022 04:17	WG1849677
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/17/2022 04:17	WG1849677
Vinyl chloride	U		0.000234	0.00100	1	04/17/2022 04:17	WG1849677
o-Xylene	U		0.000174	0.00100	1	04/17/2022 04:17	WG1849677
m&p-Xylene	U		0.000430	0.00200	1	04/17/2022 04:17	WG1849677
Xylenes, Total	U		0.000174	0.00300	1	04/17/2022 04:17	WG1849677
(S) Toluene-d8	*99.4*			*80.0-120*		*04/17/2022 04:17*	WG1849677
(S) 4-Bromofluorobenzene	*102*			*77.0-126*		*04/17/2022 04:17*	WG1849677
(S) 1,2-Dichloroethane-d4	*105*			*70.0-130*		*04/17/2022 04:17*	WG1849677

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.653		0.0247	0.100	1	04/27/2022 19:52	WG1853529
(S) o-Terphenyl	*80.5*			*31.0-160*		*04/27/2022 19:52*	WG1853529

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	4290		100	1	04/18/2022 18:37	WG1850391
Dissolved Solids	4870	Q	100	1	05/11/2022 12:13	WG1862144

Wet Chemistry by Method 353.2

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	0.0893	J	0.0500	0.100	1	04/21/2022 22:05	WG1851912

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	1260		37.9	100	100	04/20/2022 06:43	WG1850743
Fluoride	3.19		0.640	1.50	10	04/20/2022 06:28	WG1850743
Sulfate	2130		59.4	500	100	04/20/2022 06:43	WG1850743

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.0287		0.000180	0.00200	1	04/25/2022 22:43	WG1850332
Arsenic,Dissolved	0.0252		0.000180	0.00200	1	04/25/2022 22:01	WG1850297
Barium	0.0128		0.000381	0.00200	1	04/25/2022 22:43	WG1850332
Barium,Dissolved	0.0131		0.000381	0.00200	1	04/25/2022 22:01	WG1850297
Calcium	438		0.0936	1.00	1	04/25/2022 22:43	WG1850332
Chromium	U		0.00124	0.00200	1	04/25/2022 22:43	WG1850332
Chromium,Dissolved	U		0.00124	0.00200	1	04/25/2022 22:01	WG1850297
Iron	2.54		0.0281	0.100	1	04/25/2022 22:43	WG1850332
Iron,Dissolved	2.24		0.0281	0.100	1	04/25/2022 22:01	WG1850297
Lead	U		0.000849	0.00200	1	04/25/2022 22:43	WG1850332
Lead,Dissolved	U		0.000849	0.00200	1	04/25/2022 22:01	WG1850297
Manganese	0.719		0.000704	0.00500	1	04/25/2022 22:43	WG1850332
Manganese,Dissolved	0.742		0.000704	0.00500	1	04/25/2022 22:01	WG1850297
Potassium	25.4		0.108	2.00	1	04/25/2022 22:43	WG1850332
Selenium	0.00149	J	0.000300	0.00200	1	04/25/2022 22:43	WG1850332
Selenium,Dissolved	0.00109	J	0.000300	0.00200	1	04/25/2022 22:01	WG1850297
Sodium	954		0.376	2.00	1	04/25/2022 22:43	WG1850332

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	0.890		0.0314	0.100	1	04/19/2022 15:17	WG1850529
(S) a,a,a-Trifluorotoluene(FID)	*98.4*			*78.0-120*		*04/19/2022 15:17*	WG1850529

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/17/2022 04:38	WG1849677
Benzene	U		0.0000941	0.00100	1	04/17/2022 04:38	WG1849677
Bromodichloromethane	U		0.000136	0.00100	1	04/17/2022 04:38	WG1849677
Bromoform	U		0.000129	0.00100	1	04/17/2022 04:38	WG1849677
Bromomethane	U		0.000605	0.00500	1	04/17/2022 04:38	WG1849677
n-Butylbenzene	U		0.000157	0.00100	1	04/17/2022 04:38	WG1849677
sec-Butylbenzene	U		0.000125	0.00100	1	04/17/2022 04:38	WG1849677
Carbon disulfide	U		0.0000962	0.00100	1	04/17/2022 04:38	WG1849677

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Carbon tetrachloride	U		0.000128	0.00100	1	04/17/2022 04:38	WG1849677
Chlorobenzene	U		0.000116	0.00100	1	04/17/2022 04:38	WG1849677
Chlorodibromomethane	U		0.000140	0.00100	1	04/17/2022 04:38	WG1849677
Chloroethane	U		0.000192	0.00500	1	04/17/2022 04:38	WG1849677
Chloroform	U		0.000111	0.00500	1	04/17/2022 04:38	WG1849677
Chloromethane	U		0.000960	0.00250	1	04/17/2022 04:38	WG1849677
1,2-Dibromoethane	U		0.000126	0.00100	1	04/17/2022 04:38	WG1849677
1,1-Dichloroethane	U		0.000100	0.00100	1	04/17/2022 04:38	WG1849677
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/17/2022 04:38	WG1849677
1,1-Dichloroethene	U		0.000188	0.00100	1	04/17/2022 04:38	WG1849677
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/17/2022 04:38	WG1849677
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/17/2022 04:38	WG1849677
1,2-Dichloropropane	U		0.000149	0.00100	1	04/17/2022 04:38	WG1849677
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/17/2022 04:38	WG1849677
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/17/2022 04:38	WG1849677
Ethylbenzene	U		0.000137	0.00100	1	04/17/2022 04:38	WG1849677
Isopropylbenzene	0.00127		0.000105	0.00100	1	04/17/2022 04:38	WG1849677
p-Isopropyltoluene	U		0.000120	0.00100	1	04/17/2022 04:38	WG1849677
2-Butanone (MEK)	U		0.00119	0.0100	1	04/17/2022 04:38	WG1849677
2-Hexanone	U		0.000787	0.0100	1	04/17/2022 04:38	WG1849677
Methylene Chloride	U		0.000430	0.00500	1	04/17/2022 04:38	WG1849677
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/17/2022 04:38	WG1849677
Methyl tert-butyl ether	0.00418		0.000101	0.00100	1	04/17/2022 04:38	WG1849677
Naphthalene	U	J4	0.00100	0.00500	1	04/17/2022 04:38	WG1849677
n-Propylbenzene	U		0.0000993	0.00100	1	04/17/2022 04:38	WG1849677
Styrene	U		0.000118	0.00100	1	04/17/2022 04:38	WG1849677
tert-Butyl alcohol	0.0448		0.00406	0.00500	1	04/17/2022 04:38	WG1849677
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/17/2022 04:38	WG1849677
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/17/2022 04:38	WG1849677
Tetrachloroethene	U		0.000300	0.00100	1	04/17/2022 04:38	WG1849677
Toluene	U		0.000278	0.00100	1	04/17/2022 04:38	WG1849677
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/17/2022 04:38	WG1849677
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/17/2022 04:38	WG1849677
Trichloroethene	U		0.000190	0.00100	1	04/17/2022 04:38	WG1849677
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/17/2022 04:38	WG1849677
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/17/2022 04:38	WG1849677
Vinyl chloride	U		0.000234	0.00100	1	04/17/2022 04:38	WG1849677
o-Xylene	U		0.000174	0.00100	1	04/17/2022 04:38	WG1849677
m&p-Xylene	U		0.000430	0.00200	1	04/17/2022 04:38	WG1849677
Xylenes, Total	U		0.000174	0.00300	1	04/17/2022 04:38	WG1849677
(S) Toluene-d8	*96.3*			*80.0-120*		*04/17/2022 04:38*	WG1849677
(S) 4-Bromofluorobenzene	*104*			*77.0-126*		*04/17/2022 04:38*	WG1849677
(S) 1,2-Dichloroethane-d4	*101*			*70.0-130*		*04/17/2022 04:38*	WG1849677

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	8.17		0.494	2.00	20	04/27/2022 14:59	WG1853529
(S) o-Terphenyl	*1.66*	J7		*31.0-160*		*04/27/2022 14:59*	WG1853529

Semi Volatile Organic Compounds (GC/MS) by Method 8270 C-mod

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,4-Dioxane	0.000501		0.0000447	0.000400	1	04/19/2022 03:57	WG1849821
(S) Nitrobenzene-d5	*63.5*			*10.0-120*		*04/19/2022 03:57*	WG1849821

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Dissolved Solids	6030		100	1	04/18/2022 18:37	WG1850391

Wet Chemistry by Method 353.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Nitrate-Nitrite	1.17		0.250	0.500	5	04/21/2022 22:07	WG1851912

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Chloride	353		3.79	10.0	10	04/20/2022 07:29	WG1850743
Fluoride	10.3		0.640	1.50	10	04/20/2022 07:29	WG1850743
Sulfate	4350		59.4	500	100	04/20/2022 07:45	WG1850743

Metals (ICPMS) by Method 6020

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Arsenic	0.0196		0.000180	0.00200	1	04/25/2022 23:42	WG1850332
Arsenic,Dissolved	0.0230		0.000180	0.00200	1	04/26/2022 01:08	WG1850297
Barium	0.0158		0.000381	0.00200	1	04/25/2022 23:42	WG1850332
Barium,Dissolved	0.0166		0.000381	0.00200	1	04/26/2022 01:08	WG1850297
Calcium	505		0.0936	1.00	1	04/25/2022 23:42	WG1850332
Chromium	0.0438		0.00124	0.00200	1	04/25/2022 23:42	WG1850332
Chromium,Dissolved	0.0416		0.00124	0.00200	1	04/26/2022 01:08	WG1850297
Iron	0.610		0.0281	0.100	1	04/25/2022 23:42	WG1850332
Iron,Dissolved	1.07		0.0281	0.100	1	04/26/2022 01:08	WG1850297
Lead	U		0.000849	0.00200	1	04/25/2022 23:42	WG1850332
Lead,Dissolved	U		0.000849	0.00200	1	04/26/2022 01:08	WG1850297
Manganese	0.506		0.000704	0.00500	1	04/25/2022 23:42	WG1850332
Manganese,Dissolved	0.557		0.000704	0.00500	1	04/26/2022 01:08	WG1850297
Potassium	52.2		0.108	2.00	1	04/25/2022 23:42	WG1850332
Selenium	0.0131		0.000300	0.00200	1	04/25/2022 23:42	WG1850332
Selenium,Dissolved	0.0238		0.000300	0.00200	1	04/26/2022 01:08	WG1850297
Sodium	876		0.376	2.00	1	04/25/2022 23:42	WG1850332

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
TPH (GC/FID) Low Fraction	0.193		0.0314	0.100	1	04/20/2022 21:53	WG1850530
(S) a,a,a-Trifluorotoluene(FID)	*109*			*78.0-120*		*04/20/2022 21:53*	WG1850530

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Acetone	0.0152	J	0.0113	0.0500	1	04/17/2022 04:59	WG1849677
Benzene	0.000174	J	0.0000941	0.00100	1	04/17/2022 04:59	WG1849677
Bromodichloromethane	U		0.000136	0.00100	1	04/17/2022 04:59	WG1849677
Bromoform	U		0.000129	0.00100	1	04/17/2022 04:59	WG1849677
Bromomethane	U		0.000605	0.00500	1	04/17/2022 04:59	WG1849677
n-Butylbenzene	U		0.000157	0.00100	1	04/17/2022 04:59	WG1849677
sec-Butylbenzene	U		0.000125	0.00100	1	04/17/2022 04:59	WG1849677
Carbon disulfide	U		0.0000962	0.00100	1	04/17/2022 04:59	WG1849677
Carbon tetrachloride	U		0.000128	0.00100	1	04/17/2022 04:59	WG1849677

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chlorobenzene	U		0.000116	0.00100	1	04/17/2022 04:59	WG1849677
Chlorodibromomethane	U		0.000140	0.00100	1	04/17/2022 04:59	WG1849677
Chloroethane	U		0.000192	0.00500	1	04/17/2022 04:59	WG1849677
Chloroform	U		0.000111	0.00500	1	04/17/2022 04:59	WG1849677
Chloromethane	U		0.000960	0.00250	1	04/17/2022 04:59	WG1849677
1,2-Dibromoethane	U		0.000126	0.00100	1	04/17/2022 04:59	WG1849677
1,1-Dichloroethane	U		0.000100	0.00100	1	04/17/2022 04:59	WG1849677
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/17/2022 04:59	WG1849677
1,1-Dichloroethene	U		0.000188	0.00100	1	04/17/2022 04:59	WG1849677
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/17/2022 04:59	WG1849677
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/17/2022 04:59	WG1849677
1,2-Dichloropropane	U		0.000149	0.00100	1	04/17/2022 04:59	WG1849677
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/17/2022 04:59	WG1849677
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/17/2022 04:59	WG1849677
Ethylbenzene	U		0.000137	0.00100	1	04/17/2022 04:59	WG1849677
Isopropylbenzene	0.000224	J	0.000105	0.00100	1	04/17/2022 04:59	WG1849677
p-Isopropyltoluene	U		0.000120	0.00100	1	04/17/2022 04:59	WG1849677
2-Butanone (MEK)	0.00144	J	0.00119	0.0100	1	04/17/2022 04:59	WG1849677
2-Hexanone	U		0.000787	0.0100	1	04/17/2022 04:59	WG1849677
Methylene Chloride	U		0.000430	0.00500	1	04/17/2022 04:59	WG1849677
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/17/2022 04:59	WG1849677
Methyl tert-butyl ether	0.000672	J	0.000101	0.00100	1	04/17/2022 04:59	WG1849677
Naphthalene	U	J4	0.00100	0.00500	1	04/17/2022 04:59	WG1849677
n-Propylbenzene	U		0.0000993	0.00100	1	04/17/2022 04:59	WG1849677
Styrene	U		0.000118	0.00100	1	04/17/2022 04:59	WG1849677
tert-Butyl alcohol	0.0128		0.00406	0.00500	1	04/17/2022 04:59	WG1849677
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/17/2022 04:59	WG1849677
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/17/2022 04:59	WG1849677
Tetrachloroethene	U		0.000300	0.00100	1	04/17/2022 04:59	WG1849677
Toluene	U		0.000278	0.00100	1	04/17/2022 04:59	WG1849677
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/17/2022 04:59	WG1849677
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/17/2022 04:59	WG1849677
Trichloroethene	U		0.000190	0.00100	1	04/17/2022 04:59	WG1849677
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/17/2022 04:59	WG1849677
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/17/2022 04:59	WG1849677
Vinyl chloride	U		0.000234	0.00100	1	04/17/2022 04:59	WG1849677
o-Xylene	U		0.000174	0.00100	1	04/17/2022 04:59	WG1849677
m&p-Xylene	U		0.000430	0.00200	1	04/17/2022 04:59	WG1849677
Xylenes, Total	U		0.000174	0.00300	1	04/17/2022 04:59	WG1849677
(S) Toluene-d8	*97.8*			*80.0-120*		*04/17/2022 04:59*	WG1849677
(S) 4-Bromofluorobenzene	*104*			*77.0-126*		*04/17/2022 04:59*	WG1849677
(S) 1,2-Dichloroethane-d4	*102*			*70.0-130*		*04/17/2022 04:59*	WG1849677

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	69.0		0.247	1.00	10	04/27/2022 06:43	WG1853530
(S) o-Terphenyl	*0.000*	J2		*31.0-160*		*04/27/2022 06:43*	WG1853530

Sample Narrative:

L1482988-09 WG1853530: Surrogate failure due to matrix interference

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	2500	J3	50.0	1	04/18/2022 18:37	WG1850391

Wet Chemistry by Method 353.2

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	2.68		0.250	0.500	5	04/21/2022 22:08	WG1851912

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	183		3.79	10.0	10	04/20/2022 08:00	WG1850743
Fluoride	17.0		0.640	1.50	10	04/20/2022 08:00	WG1850743
Sulfate	1700		59.4	500	100	04/20/2022 08:16	WG1850743

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00692		0.000180	0.00200	1	04/25/2022 23:45	WG1850332
Arsenic,Dissolved	0.00710		0.000180	0.00200	1	04/25/2022 18:05	WG1850299
Barium	0.0549		0.000381	0.00200	1	04/25/2022 23:45	WG1850332
Barium,Dissolved	0.0483		0.000381	0.00200	1	04/25/2022 18:05	WG1850299
Calcium	321		0.0936	1.00	1	04/25/2022 23:45	WG1850332
Chromium	0.147		0.00124	0.00200	1	04/25/2022 23:45	WG1850332
Chromium,Dissolved	0.143		0.00124	0.00200	1	04/25/2022 18:05	WG1850299
Iron	0.120		0.0281	0.100	1	04/25/2022 23:45	WG1850332
Iron,Dissolved	0.0706	J	0.0281	0.100	1	04/25/2022 18:05	WG1850299
Lead	U		0.000849	0.00200	1	04/25/2022 23:45	WG1850332
Lead,Dissolved	U		0.000849	0.00200	1	04/25/2022 18:05	WG1850299
Manganese	0.236		0.000704	0.00500	1	04/25/2022 23:45	WG1850332
Manganese,Dissolved	0.257		0.000704	0.00500	1	04/25/2022 18:05	WG1850299
Potassium	15.6		0.108	2.00	1	04/25/2022 23:45	WG1850332
Selenium	0.00963		0.000300	0.00200	1	04/25/2022 23:45	WG1850332
Selenium,Dissolved	0.00818		0.000300	0.00200	1	04/25/2022 18:05	WG1850299
Sodium	208		0.376	2.00	1	04/25/2022 23:45	WG1850332

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	U		0.157	0.500	5	04/21/2022 03:38	WG1850530
(S) a,a,a-Trifluorotoluene(FID)	*111*			*78.0-120*		*04/21/2022 03:38*	WG1850530

Sample Narrative:

L1482988-10 WG1850530: Lowest possible dilution due to sample foaming.

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.113	0.500	10	04/20/2022 02:25	WG1851134
Benzene	U		0.000941	0.0100	10	04/20/2022 02:25	WG1851134
Bromodichloromethane	U		0.00136	0.0100	10	04/20/2022 02:25	WG1851134
Bromoform	U		0.00129	0.0100	10	04/20/2022 02:25	WG1851134
Bromomethane	U		0.00605	0.0500	10	04/20/2022 02:25	WG1851134
n-Butylbenzene	U		0.00157	0.0100	10	04/20/2022 02:25	WG1851134

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
sec-Butylbenzene	U		0.00125	0.0100	10	04/20/2022 02:25	WG1851134
Carbon disulfide	0.00661	B J	0.000962	0.0100	10	04/20/2022 02:25	WG1851134
Carbon tetrachloride	U		0.00128	0.0100	10	04/20/2022 02:25	WG1851134
Chlorobenzene	U		0.00116	0.0100	10	04/20/2022 02:25	WG1851134
Chlorodibromomethane	U		0.00140	0.0100	10	04/20/2022 02:25	WG1851134
Chloroethane	U		0.00192	0.0500	10	04/20/2022 02:25	WG1851134
Chloroform	U		0.00111	0.0500	10	04/20/2022 02:25	WG1851134
Chloromethane	U		0.00960	0.0250	10	04/20/2022 02:25	WG1851134
1,2-Dibromoethane	U		0.00126	0.0100	10	04/20/2022 02:25	WG1851134
1,1-Dichloroethane	U		0.00100	0.0100	10	04/20/2022 02:25	WG1851134
1,2-Dichloroethane	U		0.000819	0.0100	10	04/20/2022 02:25	WG1851134
1,1-Dichloroethene	U		0.00188	0.0100	10	04/20/2022 02:25	WG1851134
cis-1,2-Dichloroethene	U		0.00126	0.0100	10	04/20/2022 02:25	WG1851134
trans-1,2-Dichloroethene	U		0.00149	0.0100	10	04/20/2022 02:25	WG1851134
1,2-Dichloropropane	U		0.00149	0.0100	10	04/20/2022 02:25	WG1851134
cis-1,3-Dichloropropene	U		0.00111	0.0100	10	04/20/2022 02:25	WG1851134
trans-1,3-Dichloropropene	U		0.00118	0.0100	10	04/20/2022 02:25	WG1851134
Ethylbenzene	U		0.00137	0.0100	10	04/20/2022 02:25	WG1851134
Isopropylbenzene	U		0.00105	0.0100	10	04/20/2022 02:25	WG1851134
p-Isopropyltoluene	U		0.00120	0.0100	10	04/20/2022 02:25	WG1851134
2-Butanone (MEK)	U		0.0119	0.100	10	04/20/2022 02:25	WG1851134
2-Hexanone	U		0.00787	0.100	10	04/20/2022 02:25	WG1851134
Methylene Chloride	U		0.00430	0.0500	10	04/20/2022 02:25	WG1851134
4-Methyl-2-pentanone (MIBK)	U		0.00478	0.100	10	04/20/2022 02:25	WG1851134
Methyl tert-butyl ether	U		0.00101	0.0100	10	04/20/2022 02:25	WG1851134
Naphthalene	U		0.0100	0.0500	10	04/20/2022 02:25	WG1851134
n-Propylbenzene	U		0.000993	0.0100	10	04/20/2022 02:25	WG1851134
Styrene	U		0.00118	0.0100	10	04/20/2022 02:25	WG1851134
tert-Butyl alcohol	U		0.0406	0.0500	10	04/20/2022 02:25	WG1851134
1,1,1,2-Tetrachloroethane	U		0.00147	0.0100	10	04/20/2022 02:25	WG1851134
1,1,2,2-Tetrachloroethane	U		0.00133	0.0100	10	04/20/2022 02:25	WG1851134
Tetrachloroethene	U		0.00300	0.0100	10	04/20/2022 02:25	WG1851134
Toluene	U		0.00278	0.0100	10	04/20/2022 02:25	WG1851134
1,1,1-Trichloroethane	U		0.00149	0.0100	10	04/20/2022 02:25	WG1851134
1,1,2-Trichloroethane	U		0.00158	0.0100	10	04/20/2022 02:25	WG1851134
Trichloroethene	U		0.00190	0.0100	10	04/20/2022 02:25	WG1851134
1,2,4-Trimethylbenzene	U		0.00322	0.0100	10	04/20/2022 02:25	WG1851134
1,3,5-Trimethylbenzene	U		0.00104	0.0100	10	04/20/2022 02:25	WG1851134
Vinyl chloride	U		0.00234	0.0100	10	04/20/2022 02:25	WG1851134
o-Xylene	U		0.00174	0.0100	10	04/20/2022 02:25	WG1851134
m&p-Xylene	U		0.00430	0.0200	10	04/20/2022 02:25	WG1851134
Xylenes, Total	U		0.00174	0.0300	10	04/20/2022 02:25	WG1851134
(S) Toluene-d8	*108*			*80.0-120*		*04/20/2022 02:25*	WG1851134
(S) 4-Bromofluorobenzene	*101*			*77.0-126*		*04/20/2022 02:25*	WG1851134
(S) 1,2-Dichloroethane-d4	*85.6*			*70.0-130*		*04/20/2022 02:25*	WG1851134

Sample Narrative:

L1482988-10 WG1851134: Lowest possible dilution due to sample foaming.

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	32.5		0.247	1.00	10	04/27/2022 07:42	WG1853530
(S) o-Terphenyl	*78.9*			*31.0-160*		*04/27/2022 07:42*	WG1853530

Semi Volatile Organic Compounds (GC/MS) by Method 8270 C-mod

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
1,4-Dioxane	U		0.0000447	0.000400	1	04/19/2022 06:29	WG1849821
(S) Nitrobenzene-d5	*58.2*			*10.0-120*		*04/19/2022 06:29*	WG1849821

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	3990		100	1	04/18/2022 18:37	WG1850391
Dissolved Solids	5560	Q	100	1	05/11/2022 12:13	WG1862144

Wet Chemistry by Method 353.2

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	1.87		0.0500	0.100	1	04/21/2022 22:13	WG1851912

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	1570		37.9	100	100	04/20/2022 08:46	WG1850743
Fluoride	7.45		0.640	1.50	10	04/20/2022 08:31	WG1850743
Sulfate	2100		59.4	500	100	04/20/2022 08:46	WG1850743

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.106		0.000180	0.00200	1	04/25/2022 23:03	WG1850332
Arsenic,Dissolved	0.0930		0.000180	0.00200	1	04/25/2022 02:11	WG1850299
Barium	0.0168		0.000381	0.00200	1	04/25/2022 23:03	WG1850332
Barium,Dissolved	0.0143		0.000381	0.00200	1	04/25/2022 02:11	WG1850299
Calcium	384		0.0936	1.00	1	04/25/2022 23:03	WG1850332
Chromium	0.00172	J	0.00124	0.00200	1	04/25/2022 23:03	WG1850332
Chromium,Dissolved	U		0.00124	0.00200	1	04/25/2022 02:11	WG1850299
Iron	0.409		0.0281	0.100	1	04/25/2022 23:03	WG1850332
Iron,Dissolved	0.289		0.0281	0.100	1	04/25/2022 02:11	WG1850299
Lead	U		0.000849	0.00200	1	04/25/2022 23:03	WG1850332
Lead,Dissolved	U		0.000849	0.00200	1	04/25/2022 02:11	WG1850299
Manganese	1.11		0.000704	0.00500	1	04/25/2022 23:03	WG1850332
Manganese,Dissolved	1.04		0.000704	0.00500	1	04/25/2022 02:11	WG1850299
Potassium	18.3		0.108	2.00	1	04/25/2022 23:03	WG1850332
Selenium	0.00218		0.000300	0.00200	1	04/25/2022 23:03	WG1850332
Selenium,Dissolved	0.00223		0.000300	0.00200	1	04/25/2022 02:11	WG1850299
Sodium	1290		1.88	10.0	5	04/26/2022 00:00	WG1850332

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	1.07		0.157	0.500	5	04/21/2022 04:00	WG1850530
(S) a,a,a-Trifluorotoluene(FID)	*111*			*78.0-120*		*04/21/2022 04:00*	WG1850530

Sample Narrative:

L1482988-11 WG1850530: Lowest possible dilution due to sample foaming.

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/17/2022 05:21	WG1849677
Benzene	U		0.0000941	0.00100	1	04/17/2022 05:21	WG1849677
Bromodichloromethane	U		0.000136	0.00100	1	04/17/2022 05:21	WG1849677
Bromoform	U		0.000129	0.00100	1	04/17/2022 05:21	WG1849677
Bromomethane	U		0.000605	0.00500	1	04/17/2022 05:21	WG1849677

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
n-Butylbenzene	U		0.000157	0.00100	1	04/17/2022 05:21	WG1849677
sec-Butylbenzene	U		0.000125	0.00100	1	04/17/2022 05:21	WG1849677
Carbon disulfide	U		0.0000962	0.00100	1	04/17/2022 05:21	WG1849677
Carbon tetrachloride	U		0.000128	0.00100	1	04/17/2022 05:21	WG1849677
Chlorobenzene	U		0.000116	0.00100	1	04/17/2022 05:21	WG1849677
Chlorodibromomethane	U		0.000140	0.00100	1	04/17/2022 05:21	WG1849677
Chloroethane	U		0.000192	0.00500	1	04/17/2022 05:21	WG1849677
Chloroform	U		0.000111	0.00500	1	04/17/2022 05:21	WG1849677
Chloromethane	U		0.000960	0.00250	1	04/17/2022 05:21	WG1849677
1,2-Dibromoethane	U		0.000126	0.00100	1	04/17/2022 05:21	WG1849677
1,1-Dichloroethane	U		0.000100	0.00100	1	04/17/2022 05:21	WG1849677
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/17/2022 05:21	WG1849677
1,1-Dichloroethene	U		0.000188	0.00100	1	04/17/2022 05:21	WG1849677
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/17/2022 05:21	WG1849677
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/17/2022 05:21	WG1849677
1,2-Dichloropropane	U		0.000149	0.00100	1	04/17/2022 05:21	WG1849677
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/17/2022 05:21	WG1849677
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/17/2022 05:21	WG1849677
Ethylbenzene	U		0.000137	0.00100	1	04/17/2022 05:21	WG1849677
Isopropylbenzene	0.000970	J	0.000105	0.00100	1	04/17/2022 05:21	WG1849677
p-Isopropyltoluene	U		0.000120	0.00100	1	04/17/2022 05:21	WG1849677
2-Butanone (MEK)	U		0.00119	0.0100	1	04/17/2022 05:21	WG1849677
2-Hexanone	U		0.000787	0.0100	1	04/17/2022 05:21	WG1849677
Methylene Chloride	U		0.000430	0.00500	1	04/17/2022 05:21	WG1849677
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/17/2022 05:21	WG1849677
Methyl tert-butyl ether	0.00471		0.000101	0.00100	1	04/17/2022 05:21	WG1849677
Naphthalene	U	J4	0.00100	0.00500	1	04/17/2022 05:21	WG1849677
n-Propylbenzene	U		0.0000993	0.00100	1	04/17/2022 05:21	WG1849677
Styrene	U		0.000118	0.00100	1	04/17/2022 05:21	WG1849677
tert-Butyl alcohol	0.0122		0.00406	0.00500	1	04/17/2022 05:21	WG1849677
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/17/2022 05:21	WG1849677
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/17/2022 05:21	WG1849677
Tetrachloroethene	U		0.000300	0.00100	1	04/17/2022 05:21	WG1849677
Toluene	U		0.000278	0.00100	1	04/17/2022 05:21	WG1849677
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/17/2022 05:21	WG1849677
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/17/2022 05:21	WG1849677
Trichloroethene	U		0.000190	0.00100	1	04/17/2022 05:21	WG1849677
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/17/2022 05:21	WG1849677
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/17/2022 05:21	WG1849677
Vinyl chloride	U		0.000234	0.00100	1	04/17/2022 05:21	WG1849677
o-Xylene	U		0.000174	0.00100	1	04/17/2022 05:21	WG1849677
m&p-Xylene	U		0.000430	0.00200	1	04/17/2022 05:21	WG1849677
Xylenes, Total	U		0.000174	0.00300	1	04/17/2022 05:21	WG1849677
(S) Toluene-d8	*99.7*			*80.0-120*		*04/17/2022 05:21*	WG1849677
(S) 4-Bromofluorobenzene	*97.1*			*77.0-126*		*04/17/2022 05:21*	WG1849677
(S) 1,2-Dichloroethane-d4	*105*			*70.0-130*		*04/17/2022 05:21*	WG1849677

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	14.6		0.247	1.00	10	04/27/2022 06:23	WG1853530
(S) o-Terphenyl	*115*			*31.0-160*		*04/27/2022 06:23*	WG1853530

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	4390		100	1	04/18/2022 18:37	WG1850391
Dissolved Solids	5250	Q	100	1	05/11/2022 12:13	WG1862144

Wet Chemistry by Method 353.2

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	3.16		0.0500	0.100	1	04/21/2022 22:14	WG1851912

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	633		3.79	10.0	10	04/20/2022 09:02	WG1850743
Fluoride	5.18		0.640	1.50	10	04/20/2022 09:02	WG1850743
Sulfate	3040		59.4	500	100	04/20/2022 09:17	WG1850743

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.0440		0.000180	0.00200	1	04/25/2022 23:06	WG1850332
Arsenic,Dissolved	0.0399		0.000180	0.00200	1	04/25/2022 02:14	WG1850299
Barium	0.0299		0.000381	0.00200	1	04/25/2022 23:06	WG1850332
Barium,Dissolved	0.0269		0.000381	0.00200	1	04/25/2022 02:14	WG1850299
Calcium	504		0.0936	1.00	1	04/25/2022 23:06	WG1850332
Chromium	0.00546		0.00124	0.00200	1	04/25/2022 23:06	WG1850332
Chromium,Dissolved	0.00336		0.00124	0.00200	1	04/25/2022 02:14	WG1850299
Iron	0.586		0.0281	0.100	1	04/25/2022 23:06	WG1850332
Iron,Dissolved	0.344		0.0281	0.100	1	04/25/2022 02:14	WG1850299
Lead	0.00103	J	0.000849	0.00200	1	04/25/2022 23:06	WG1850332
Lead,Dissolved	U		0.000849	0.00200	1	04/25/2022 02:14	WG1850299
Manganese	0.469		0.000704	0.00500	1	04/25/2022 23:06	WG1850332
Manganese,Dissolved	0.450		0.000704	0.00500	1	04/25/2022 02:14	WG1850299
Potassium	39.4		0.108	2.00	1	04/25/2022 23:06	WG1850332
Selenium	0.00577		0.000300	0.00200	1	04/25/2022 23:06	WG1850332
Selenium,Dissolved	0.00490		0.000300	0.00200	1	04/25/2022 02:14	WG1850299
Sodium	544		0.376	2.00	1	04/25/2022 23:06	WG1850332

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	0.312		0.0314	0.100	1	04/20/2022 22:14	WG1850530
(S) a,a,a-Trifluorotoluene(FID)	*108*			*78.0-120*		*04/20/2022 22:14*	WG1850530

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/20/2022 02:45	WG1851134
Benzene	U		0.0000941	0.00100	1	04/20/2022 02:45	WG1851134
Bromodichloromethane	U		0.000136	0.00100	1	04/20/2022 02:45	WG1851134
Bromoform	U		0.000129	0.00100	1	04/20/2022 02:45	WG1851134
Bromomethane	U		0.000605	0.00500	1	04/20/2022 02:45	WG1851134
n-Butylbenzene	U		0.000157	0.00100	1	04/20/2022 02:45	WG1851134
sec-Butylbenzene	U		0.000125	0.00100	1	04/20/2022 02:45	WG1851134
Carbon disulfide	0.000380	B J	0.0000962	0.00100	1	04/20/2022 02:45	WG1851134

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Carbon tetrachloride	U		0.000128	0.00100	1	04/20/2022 02:45	WG1851134
Chlorobenzene	U		0.000116	0.00100	1	04/20/2022 02:45	WG1851134
Chlorodibromomethane	U		0.000140	0.00100	1	04/20/2022 02:45	WG1851134
Chloroethane	U		0.000192	0.00500	1	04/20/2022 02:45	WG1851134
Chloroform	U		0.000111	0.00500	1	04/20/2022 02:45	WG1851134
Chloromethane	U		0.000960	0.00250	1	04/20/2022 02:45	WG1851134
1,2-Dibromoethane	U		0.000126	0.00100	1	04/20/2022 02:45	WG1851134
1,1-Dichloroethane	U		0.000100	0.00100	1	04/20/2022 02:45	WG1851134
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/20/2022 02:45	WG1851134
1,1-Dichloroethene	U		0.000188	0.00100	1	04/20/2022 02:45	WG1851134
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/20/2022 02:45	WG1851134
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/20/2022 02:45	WG1851134
1,2-Dichloropropane	U		0.000149	0.00100	1	04/20/2022 02:45	WG1851134
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/20/2022 02:45	WG1851134
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/20/2022 02:45	WG1851134
Ethylbenzene	U		0.000137	0.00100	1	04/20/2022 02:45	WG1851134
Isopropylbenzene	0.000238	J	0.000105	0.00100	1	04/20/2022 02:45	WG1851134
p-Isopropyltoluene	U		0.000120	0.00100	1	04/20/2022 02:45	WG1851134
2-Butanone (MEK)	U		0.00119	0.0100	1	04/20/2022 02:45	WG1851134
2-Hexanone	U		0.000787	0.0100	1	04/20/2022 02:45	WG1851134
Methylene Chloride	U		0.000430	0.00500	1	04/20/2022 02:45	WG1851134
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/20/2022 02:45	WG1851134
Methyl tert-butyl ether	0.000199	J	0.000101	0.00100	1	04/20/2022 02:45	WG1851134
Naphthalene	U		0.00100	0.00500	1	04/20/2022 02:45	WG1851134
n-Propylbenzene	U		0.0000993	0.00100	1	04/20/2022 02:45	WG1851134
Styrene	U		0.000118	0.00100	1	04/20/2022 02:45	WG1851134
tert-Butyl alcohol	U		0.00406	0.00500	1	04/20/2022 02:45	WG1851134
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/20/2022 02:45	WG1851134
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/20/2022 02:45	WG1851134
Tetrachloroethene	U		0.000300	0.00100	1	04/20/2022 02:45	WG1851134
Toluene	U		0.000278	0.00100	1	04/20/2022 02:45	WG1851134
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/20/2022 02:45	WG1851134
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/20/2022 02:45	WG1851134
Trichloroethene	U		0.000190	0.00100	1	04/20/2022 02:45	WG1851134
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/20/2022 02:45	WG1851134
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/20/2022 02:45	WG1851134
Vinyl chloride	U		0.000234	0.00100	1	04/20/2022 02:45	WG1851134
o-Xylene	U		0.000174	0.00100	1	04/20/2022 02:45	WG1851134
m&p-Xylene	U		0.000430	0.00200	1	04/20/2022 02:45	WG1851134
Xylenes, Total	U		0.000174	0.00300	1	04/20/2022 02:45	WG1851134
(S) Toluene-d8	*110*			*80.0-120*		*04/20/2022 02:45*	WG1851134
(S) 4-Bromofluorobenzene	*95.1*			*77.0-126*		*04/20/2022 02:45*	WG1851134
(S) 1,2-Dichloroethane-d4	*85.2*			*70.0-130*		*04/20/2022 02:45*	WG1851134

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	13.7		0.247	1.00	10	04/27/2022 06:03	WG1853530
(S) o-Terphenyl	*103*			*31.0-160*		*04/27/2022 06:03*	WG1853530

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	3120		100	1	04/18/2022 18:37	WG1850391
Dissolved Solids	5100	Q	100	1	05/11/2022 12:13	WG1862144

Wet Chemistry by Method 353.2

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	U		0.0500	0.100	1	04/21/2022 22:16	WG1851912

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	1360		37.9	100	100	04/20/2022 09:48	WG1850743
Fluoride	1.92		0.640	1.50	10	04/20/2022 09:33	WG1850743
Sulfate	2140		59.4	500	100	04/20/2022 09:48	WG1850743

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.0505		0.000180	0.00200	1	04/25/2022 23:10	WG1850332
Arsenic,Dissolved	0.0399		0.000180	0.00200	1	04/25/2022 01:06	WG1850299
Barium	0.0151		0.000381	0.00200	1	04/25/2022 23:10	WG1850332
Barium,Dissolved	0.0131		0.000381	0.00200	1	04/25/2022 01:06	WG1850299
Calcium	532		0.0936	1.00	1	04/25/2022 23:10	WG1850332
Chromium	U		0.00124	0.00200	1	04/25/2022 23:10	WG1850332
Chromium,Dissolved	U		0.00124	0.00200	1	04/25/2022 01:06	WG1850299
Iron	0.552		0.0281	0.100	1	04/25/2022 23:10	WG1850332
Iron,Dissolved	0.391		0.0281	0.100	1	04/25/2022 01:06	WG1850299
Lead	U		0.000849	0.00200	1	04/25/2022 23:10	WG1850332
Lead,Dissolved	U		0.000849	0.00200	1	04/25/2022 01:06	WG1850299
Manganese	1.96		0.000704	0.00500	1	04/25/2022 23:10	WG1850332
Manganese,Dissolved	1.84		0.000704	0.00500	1	04/25/2022 01:06	WG1850299
Potassium	5.29		0.108	2.00	1	04/25/2022 23:10	WG1850332
Selenium	0.00370		0.000300	0.00200	1	04/25/2022 23:10	WG1850332
Selenium,Dissolved	0.00407		0.000300	0.00200	1	04/25/2022 01:06	WG1850299
Sodium	879		0.376	2.00	1	04/25/2022 23:10	WG1850332

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	0.446		0.0314	0.100	1	04/20/2022 22:36	WG1850530
(S) a,a,a-Trifluorotoluene(FID)	*108*			*78.0-120*		*04/20/2022 22:36*	WG1850530

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/20/2022 03:06	WG1851134
Benzene	U		0.0000941	0.00100	1	04/20/2022 03:06	WG1851134
Bromodichloromethane	U		0.000136	0.00100	1	04/20/2022 03:06	WG1851134
Bromoform	U		0.000129	0.00100	1	04/20/2022 03:06	WG1851134
Bromomethane	U		0.000605	0.00500	1	04/20/2022 03:06	WG1851134
n-Butylbenzene	U		0.000157	0.00100	1	04/20/2022 03:06	WG1851134
sec-Butylbenzene	0.000330	J	0.000125	0.00100	1	04/20/2022 03:06	WG1851134
Carbon disulfide	0.000360	B J	0.0000962	0.00100	1	04/20/2022 03:06	WG1851134

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Carbon tetrachloride	U		0.000128	0.00100	1	04/20/2022 03:06	WG1851134
Chlorobenzene	U		0.000116	0.00100	1	04/20/2022 03:06	WG1851134
Chlorodibromomethane	U		0.000140	0.00100	1	04/20/2022 03:06	WG1851134
Chloroethane	U		0.000192	0.00500	1	04/20/2022 03:06	WG1851134
Chloroform	U		0.000111	0.00500	1	04/20/2022 03:06	WG1851134
Chloromethane	U		0.000960	0.00250	1	04/20/2022 03:06	WG1851134
1,2-Dibromoethane	U		0.000126	0.00100	1	04/20/2022 03:06	WG1851134
1,1-Dichloroethane	U		0.000100	0.00100	1	04/20/2022 03:06	WG1851134
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/20/2022 03:06	WG1851134
1,1-Dichloroethene	U		0.000188	0.00100	1	04/20/2022 03:06	WG1851134
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/20/2022 03:06	WG1851134
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/20/2022 03:06	WG1851134
1,2-Dichloropropane	U		0.000149	0.00100	1	04/20/2022 03:06	WG1851134
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/20/2022 03:06	WG1851134
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/20/2022 03:06	WG1851134
Ethylbenzene	U		0.000137	0.00100	1	04/20/2022 03:06	WG1851134
Isopropylbenzene	0.000208	J	0.000105	0.00100	1	04/20/2022 03:06	WG1851134
p-Isopropyltoluene	U		0.000120	0.00100	1	04/20/2022 03:06	WG1851134
2-Butanone (MEK)	U		0.00119	0.0100	1	04/20/2022 03:06	WG1851134
2-Hexanone	U		0.000787	0.0100	1	04/20/2022 03:06	WG1851134
Methylene Chloride	U		0.000430	0.00500	1	04/20/2022 03:06	WG1851134
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/20/2022 03:06	WG1851134
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/20/2022 03:06	WG1851134
Naphthalene	U		0.00100	0.00500	1	04/20/2022 03:06	WG1851134
n-Propylbenzene	U		0.0000993	0.00100	1	04/20/2022 03:06	WG1851134
Styrene	U		0.000118	0.00100	1	04/20/2022 03:06	WG1851134
tert-Butyl alcohol	0.00964		0.00406	0.00500	1	04/20/2022 03:06	WG1851134
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/20/2022 03:06	WG1851134
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/20/2022 03:06	WG1851134
Tetrachloroethene	U		0.000300	0.00100	1	04/20/2022 03:06	WG1851134
Toluene	U		0.000278	0.00100	1	04/20/2022 03:06	WG1851134
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/20/2022 03:06	WG1851134
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/20/2022 03:06	WG1851134
Trichloroethene	U		0.000190	0.00100	1	04/20/2022 03:06	WG1851134
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/20/2022 03:06	WG1851134
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/20/2022 03:06	WG1851134
Vinyl chloride	U		0.000234	0.00100	1	04/20/2022 03:06	WG1851134
o-Xylene	U		0.000174	0.00100	1	04/20/2022 03:06	WG1851134
m&p-Xylene	U		0.000430	0.00200	1	04/20/2022 03:06	WG1851134
Xylenes, Total	U		0.000174	0.00300	1	04/20/2022 03:06	WG1851134
(S) Toluene-d8	*112*			*80.0-120*		*04/20/2022 03:06*	WG1851134
(S) 4-Bromofluorobenzene	*95.9*			*77.0-126*		*04/20/2022 03:06*	WG1851134
(S) 1,2-Dichloroethane-d4	*84.7*			*70.0-130*		*04/20/2022 03:06*	WG1851134

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	6.46		0.0247	0.100	1	04/27/2022 05:42	WG1853530
(S) o-Terphenyl	*101*			*31.0-160*		*04/27/2022 05:42*	WG1853530

Semi Volatile Organic Compounds (GC/MS) by Method 8270 C-mod

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,4-Dioxane	0.000494		0.0000447	0.000400	1	04/19/2022 04:16	WG1849821
(S) Nitrobenzene-d5	*63.1*			*10.0-120*		*04/19/2022 04:16*	WG1849821

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	3880		100	1	04/18/2022 17:29	WG1850373
Dissolved Solids	6020	Q	100	1	05/11/2022 12:13	WG1862144

Wet Chemistry by Method 353.2

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	U		0.0500	0.100	1	04/21/2022 22:17	WG1851912

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	1840		37.9	100	100	04/20/2022 10:50	WG1850743
Fluoride	1.69		0.640	1.50	10	04/20/2022 10:34	WG1850743
Sulfate	2530		59.4	500	100	04/20/2022 10:50	WG1850743

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00732		0.000180	0.00200	1	04/25/2022 23:13	WG1850332
Arsenic,Dissolved	0.00661		0.000180	0.00200	1	04/25/2022 01:29	WG1850299
Barium	0.0116		0.000381	0.00200	1	04/25/2022 23:13	WG1850332
Barium,Dissolved	0.0108		0.000381	0.00200	1	04/25/2022 01:29	WG1850299
Calcium	431		0.0936	1.00	1	04/25/2022 23:13	WG1850332
Chromium	U		0.00124	0.00200	1	04/25/2022 23:13	WG1850332
Chromium,Dissolved	U		0.00124	0.00200	1	04/25/2022 01:29	WG1850299
Iron	0.0285	J	0.0281	0.100	1	04/25/2022 23:13	WG1850332
Iron,Dissolved	U		0.0281	0.100	1	04/25/2022 01:29	WG1850299
Lead	U		0.000849	0.00200	1	04/25/2022 23:13	WG1850332
Lead,Dissolved	U		0.000849	0.00200	1	04/25/2022 01:29	WG1850299
Manganese	0.937		0.000704	0.00500	1	04/25/2022 23:13	WG1850332
Manganese,Dissolved	0.875		0.000704	0.00500	1	04/25/2022 01:29	WG1850299
Potassium	3.17		0.108	2.00	1	04/25/2022 23:13	WG1850332
Selenium	U		0.000300	0.00200	1	04/25/2022 23:13	WG1850332
Selenium,Dissolved	U		0.000300	0.00200	1	04/25/2022 01:29	WG1850299
Sodium	1210		1.88	10.0	5	04/26/2022 00:03	WG1850332

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	U		0.0314	0.100	1	04/20/2022 22:58	WG1850530
(S) a,a,a-Trifluorotoluene(FID)	*108*			*78.0-120*		*04/20/2022 22:58*	WG1850530

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/18/2022 05:51	WG1849914
Benzene	U		0.0000941	0.00100	1	04/18/2022 05:51	WG1849914
Bromodichloromethane	U		0.000136	0.00100	1	04/18/2022 05:51	WG1849914
Bromoform	U		0.000129	0.00100	1	04/18/2022 05:51	WG1849914
Bromomethane	U		0.000605	0.00500	1	04/18/2022 05:51	WG1849914
n-Butylbenzene	U		0.000157	0.00100	1	04/18/2022 05:51	WG1849914
sec-Butylbenzene	U		0.000125	0.00100	1	04/18/2022 05:51	WG1849914
Carbon disulfide	U		0.0000962	0.00100	1	04/18/2022 05:51	WG1849914

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Carbon tetrachloride	U		0.000128	0.00100	1	04/18/2022 05:51	WG1849914
Chlorobenzene	U		0.000116	0.00100	1	04/18/2022 05:51	WG1849914
Chlorodibromomethane	U		0.000140	0.00100	1	04/18/2022 05:51	WG1849914
Chloroethane	U		0.000192	0.00500	1	04/18/2022 05:51	WG1849914
Chloroform	U		0.000111	0.00500	1	04/18/2022 05:51	WG1849914
Chloromethane	U		0.000960	0.00250	1	04/18/2022 05:51	WG1849914
1,2-Dibromoethane	U		0.000126	0.00100	1	04/18/2022 05:51	WG1849914
1,1-Dichloroethane	U		0.000100	0.00100	1	04/18/2022 05:51	WG1849914
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/18/2022 05:51	WG1849914
1,1-Dichloroethene	U		0.000188	0.00100	1	04/18/2022 05:51	WG1849914
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/18/2022 05:51	WG1849914
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/18/2022 05:51	WG1849914
1,2-Dichloropropane	U		0.000149	0.00100	1	04/18/2022 05:51	WG1849914
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/18/2022 05:51	WG1849914
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/18/2022 05:51	WG1849914
Ethylbenzene	U		0.000137	0.00100	1	04/18/2022 05:51	WG1849914
Isopropylbenzene	U		0.000105	0.00100	1	04/18/2022 05:51	WG1849914
p-Isopropyltoluene	U		0.000120	0.00100	1	04/18/2022 05:51	WG1849914
2-Butanone (MEK)	U		0.00119	0.0100	1	04/18/2022 05:51	WG1849914
2-Hexanone	U		0.000787	0.0100	1	04/18/2022 05:51	WG1849914
Methylene Chloride	U		0.000430	0.00500	1	04/18/2022 05:51	WG1849914
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/18/2022 05:51	WG1849914
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/18/2022 05:51	WG1849914
Naphthalene	U	J4	0.00100	0.00500	1	04/18/2022 05:51	WG1849914
n-Propylbenzene	U		0.0000993	0.00100	1	04/18/2022 05:51	WG1849914
Styrene	U		0.000118	0.00100	1	04/18/2022 05:51	WG1849914
tert-Butyl alcohol	U		0.00406	0.00500	1	04/18/2022 05:51	WG1849914
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/18/2022 05:51	WG1849914
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/18/2022 05:51	WG1849914
Tetrachloroethene	U		0.000300	0.00100	1	04/18/2022 05:51	WG1849914
Toluene	U		0.000278	0.00100	1	04/18/2022 05:51	WG1849914
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/18/2022 05:51	WG1849914
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/18/2022 05:51	WG1849914
Trichloroethene	U		0.000190	0.00100	1	04/18/2022 05:51	WG1849914
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/18/2022 05:51	WG1849914
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/18/2022 05:51	WG1849914
Vinyl chloride	U		0.000234	0.00100	1	04/18/2022 05:51	WG1849914
o-Xylene	U		0.000174	0.00100	1	04/18/2022 05:51	WG1849914
m&p-Xylene	U		0.000430	0.00200	1	04/18/2022 05:51	WG1849914
Xylenes, Total	U		0.000174	0.00300	1	04/18/2022 05:51	WG1849914
(S) Toluene-d8	*109*			*80.0-120*		*04/18/2022 05:51*	WG1849914
(S) 4-Bromofluorobenzene	*99.7*			*77.0-126*		*04/18/2022 05:51*	WG1849914
(S) 1,2-Dichloroethane-d4	*81.8*			*70.0-130*		*04/18/2022 05:51*	WG1849914

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.458		0.0247	0.100	1	04/27/2022 04:42	WG1853530
(S) o-Terphenyl	*91.1*			*31.0-160*		*04/27/2022 04:42*	WG1853530

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	6780		200	1	04/18/2022 18:37	WG1850391
Dissolved Solids	9440	Q	200	1	05/11/2022 12:13	WG1862144

Wet Chemistry by Method 353.2

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	U		0.0500	0.100	1	04/21/2022 22:18	WG1851912

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	3570		37.9	100	100	04/20/2022 11:21	WG1850743
Fluoride	1.62		0.640	1.50	10	04/20/2022 11:05	WG1850743
Sulfate	3380		59.4	500	100	04/20/2022 11:21	WG1850743

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.0274		0.000180	0.00200	1	04/25/2022 23:16	WG1850332
Arsenic,Dissolved	0.0254		0.000180	0.00200	1	04/25/2022 01:32	WG1850299
Barium	0.0156		0.000381	0.00200	1	04/25/2022 23:16	WG1850332
Barium,Dissolved	0.0134		0.000381	0.00200	1	04/25/2022 01:32	WG1850299
Calcium	488		0.0936	1.00	1	04/25/2022 23:16	WG1850332
Chromium	U		0.00124	0.00200	1	04/25/2022 23:16	WG1850332
Chromium,Dissolved	U		0.00124	0.00200	1	04/25/2022 01:32	WG1850299
Iron	0.268		0.0281	0.100	1	04/25/2022 23:16	WG1850332
Iron,Dissolved	0.0552	J	0.0281	0.100	1	04/25/2022 01:32	WG1850299
Lead	U		0.000849	0.00200	1	04/25/2022 23:16	WG1850332
Lead,Dissolved	U		0.000849	0.00200	1	04/25/2022 01:32	WG1850299
Manganese	0.670		0.000704	0.00500	1	04/25/2022 23:16	WG1850332
Manganese,Dissolved	0.660		0.000704	0.00500	1	04/25/2022 01:32	WG1850299
Potassium	4.15		0.108	2.00	1	04/25/2022 23:16	WG1850332
Selenium	0.00292		0.000300	0.00200	1	04/25/2022 23:16	WG1850332
Selenium,Dissolved	0.00266		0.000300	0.00200	1	04/25/2022 01:32	WG1850299
Sodium	2190		1.88	10.0	5	04/26/2022 00:06	WG1850332

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	0.955		0.0314	0.100	1	04/20/2022 23:19	WG1850530
(S) a,a,a-Trifluorotoluene(FID)	*108*			*78.0-120*		*04/20/2022 23:19*	WG1850530

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/18/2022 06:12	WG1849914
Benzene	U		0.0000941	0.00100	1	04/18/2022 06:12	WG1849914
Bromodichloromethane	U		0.000136	0.00100	1	04/18/2022 06:12	WG1849914
Bromoform	U		0.000129	0.00100	1	04/18/2022 06:12	WG1849914
Bromomethane	U		0.000605	0.00500	1	04/18/2022 06:12	WG1849914
n-Butylbenzene	U		0.000157	0.00100	1	04/18/2022 06:12	WG1849914
sec-Butylbenzene	U		0.000125	0.00100	1	04/18/2022 06:12	WG1849914
Carbon disulfide	U		0.0000962	0.00100	1	04/18/2022 06:12	WG1849914

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Carbon tetrachloride	U		0.000128	0.00100	1	04/18/2022 06:12	WG1849914
Chlorobenzene	U		0.000116	0.00100	1	04/18/2022 06:12	WG1849914
Chlorodibromomethane	U		0.000140	0.00100	1	04/18/2022 06:12	WG1849914
Chloroethane	U		0.000192	0.00500	1	04/18/2022 06:12	WG1849914
Chloroform	U		0.000111	0.00500	1	04/18/2022 06:12	WG1849914
Chloromethane	U		0.000960	0.00250	1	04/18/2022 06:12	WG1849914
1,2-Dibromoethane	U		0.000126	0.00100	1	04/18/2022 06:12	WG1849914
1,1-Dichloroethane	U		0.000100	0.00100	1	04/18/2022 06:12	WG1849914
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/18/2022 06:12	WG1849914
1,1-Dichloroethene	U		0.000188	0.00100	1	04/18/2022 06:12	WG1849914
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/18/2022 06:12	WG1849914
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/18/2022 06:12	WG1849914
1,2-Dichloropropane	U		0.000149	0.00100	1	04/18/2022 06:12	WG1849914
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/18/2022 06:12	WG1849914
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/18/2022 06:12	WG1849914
Ethylbenzene	U		0.000137	0.00100	1	04/18/2022 06:12	WG1849914
Isopropylbenzene	U		0.000105	0.00100	1	04/18/2022 06:12	WG1849914
p-Isopropyltoluene	U		0.000120	0.00100	1	04/18/2022 06:12	WG1849914
2-Butanone (MEK)	U		0.00119	0.0100	1	04/18/2022 06:12	WG1849914
2-Hexanone	U		0.000787	0.0100	1	04/18/2022 06:12	WG1849914
Methylene Chloride	U		0.000430	0.00500	1	04/18/2022 06:12	WG1849914
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/18/2022 06:12	WG1849914
Methyl tert-butyl ether	0.00239		0.000101	0.00100	1	04/18/2022 06:12	WG1849914
Naphthalene	U	J4	0.00100	0.00500	1	04/18/2022 06:12	WG1849914
n-Propylbenzene	U		0.0000993	0.00100	1	04/18/2022 06:12	WG1849914
Styrene	U		0.000118	0.00100	1	04/18/2022 06:12	WG1849914
tert-Butyl alcohol	0.00473	J	0.00406	0.00500	1	04/18/2022 06:12	WG1849914
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/18/2022 06:12	WG1849914
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/18/2022 06:12	WG1849914
Tetrachloroethene	U		0.000300	0.00100	1	04/18/2022 06:12	WG1849914
Toluene	U		0.000278	0.00100	1	04/18/2022 06:12	WG1849914
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/18/2022 06:12	WG1849914
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/18/2022 06:12	WG1849914
Trichloroethene	U		0.000190	0.00100	1	04/18/2022 06:12	WG1849914
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/18/2022 06:12	WG1849914
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/18/2022 06:12	WG1849914
Vinyl chloride	U		0.000234	0.00100	1	04/18/2022 06:12	WG1849914
o-Xylene	U		0.000174	0.00100	1	04/18/2022 06:12	WG1849914
m&p-Xylene	U		0.000430	0.00200	1	04/18/2022 06:12	WG1849914
Xylenes, Total	U		0.000174	0.00300	1	04/18/2022 06:12	WG1849914
(S) Toluene-d8	*111*			*80.0-120*		*04/18/2022 06:12*	WG1849914
(S) 4-Bromofluorobenzene	*87.6*			*77.0-126*		*04/18/2022 06:12*	WG1849914
(S) 1,2-Dichloroethane-d4	*82.7*			*70.0-130*		*04/18/2022 06:12*	WG1849914

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	3.11		0.0247	0.100	1	04/27/2022 05:02	WG1853530
(S) o-Terphenyl	*97.9*			*31.0-160*		*04/27/2022 05:02*	WG1853530

Semi Volatile Organic Compounds (GC/MS) by Method 8270 C-mod

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,4-Dioxane	0.000929		0.0000447	0.000400	1	04/19/2022 04:35	WG1849821
(S) Nitrobenzene-d5	*65.8*			*10.0-120*		*04/19/2022 04:35*	WG1849821

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	2860		100	1	04/18/2022 18:37	WG1850391
Dissolved Solids	4630	Q	100	1	05/11/2022 12:13	WG1862144

Wet Chemistry by Method 353.2

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	U		0.0500	0.100	1	04/21/2022 22:20	WG1851912

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	1380		37.9	100	100	04/20/2022 11:51	WG1850743
Fluoride	1.27	J	0.640	1.50	10	04/20/2022 11:36	WG1850743
Sulfate	1890		59.4	500	100	04/20/2022 11:51	WG1850743

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.0429		0.000180	0.00200	1	04/25/2022 23:20	WG1850332
Arsenic,Dissolved	0.0129		0.000180	0.00200	1	04/25/2022 01:35	WG1850299
Barium	0.0176		0.000381	0.00200	1	04/25/2022 23:20	WG1850332
Barium,Dissolved	0.0129		0.000381	0.00200	1	04/25/2022 01:35	WG1850299
Calcium	442		0.0936	1.00	1	04/25/2022 23:20	WG1850332
Chromium	0.00209		0.00124	0.00200	1	04/25/2022 23:20	WG1850332
Chromium,Dissolved	U		0.00124	0.00200	1	04/25/2022 01:35	WG1850299
Iron	5.85		0.0281	0.100	1	04/25/2022 23:20	WG1850332
Iron,Dissolved	0.171		0.0281	0.100	1	04/25/2022 01:35	WG1850299
Lead	0.00189	J	0.000849	0.00200	1	04/25/2022 23:20	WG1850332
Lead,Dissolved	U		0.000849	0.00200	1	04/25/2022 01:35	WG1850299
Manganese	2.41		0.000704	0.00500	1	04/25/2022 23:20	WG1850332
Manganese,Dissolved	2.20		0.000704	0.00500	1	04/25/2022 01:35	WG1850299
Potassium	3.40		0.108	2.00	1	04/25/2022 23:20	WG1850332
Selenium	U		0.000300	0.00200	1	04/25/2022 23:20	WG1850332
Selenium,Dissolved	U		0.000300	0.00200	1	04/25/2022 01:35	WG1850299
Sodium	971		0.376	2.00	1	04/25/2022 23:20	WG1850332

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	0.426		0.0314	0.100	1	04/20/2022 23:41	WG1850530
(S) a,a,a-Trifluorotoluene(FID)	*108*			*78.0-120*		*04/20/2022 23:41*	WG1850530

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/18/2022 06:32	WG1849914
Benzene	U		0.0000941	0.00100	1	04/18/2022 06:32	WG1849914
Bromodichloromethane	U		0.000136	0.00100	1	04/18/2022 06:32	WG1849914
Bromoform	U		0.000129	0.00100	1	04/18/2022 06:32	WG1849914
Bromomethane	U		0.000605	0.00500	1	04/18/2022 06:32	WG1849914
n-Butylbenzene	U		0.000157	0.00100	1	04/18/2022 06:32	WG1849914
sec-Butylbenzene	U		0.000125	0.00100	1	04/18/2022 06:32	WG1849914
Carbon disulfide	U		0.0000962	0.00100	1	04/18/2022 06:32	WG1849914

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Carbon tetrachloride	U		0.000128	0.00100	1	04/18/2022 06:32	WG1849914
Chlorobenzene	U		0.000116	0.00100	1	04/18/2022 06:32	WG1849914
Chlorodibromomethane	U		0.000140	0.00100	1	04/18/2022 06:32	WG1849914
Chloroethane	U		0.000192	0.00500	1	04/18/2022 06:32	WG1849914
Chloroform	U		0.000111	0.00500	1	04/18/2022 06:32	WG1849914
Chloromethane	U		0.000960	0.00250	1	04/18/2022 06:32	WG1849914
1,2-Dibromoethane	U		0.000126	0.00100	1	04/18/2022 06:32	WG1849914
1,1-Dichloroethane	U		0.000100	0.00100	1	04/18/2022 06:32	WG1849914
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/18/2022 06:32	WG1849914
1,1-Dichloroethene	U		0.000188	0.00100	1	04/18/2022 06:32	WG1849914
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/18/2022 06:32	WG1849914
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/18/2022 06:32	WG1849914
1,2-Dichloropropane	U		0.000149	0.00100	1	04/18/2022 06:32	WG1849914
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/18/2022 06:32	WG1849914
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/18/2022 06:32	WG1849914
Ethylbenzene	U		0.000137	0.00100	1	04/18/2022 06:32	WG1849914
Isopropylbenzene	U		0.000105	0.00100	1	04/18/2022 06:32	WG1849914
p-Isopropyltoluene	U		0.000120	0.00100	1	04/18/2022 06:32	WG1849914
2-Butanone (MEK)	U		0.00119	0.0100	1	04/18/2022 06:32	WG1849914
2-Hexanone	U		0.000787	0.0100	1	04/18/2022 06:32	WG1849914
Methylene Chloride	U		0.000430	0.00500	1	04/18/2022 06:32	WG1849914
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/18/2022 06:32	WG1849914
Methyl tert-butyl ether	0.00103		0.000101	0.00100	1	04/18/2022 06:32	WG1849914
Naphthalene	U	J4	0.00100	0.00500	1	04/18/2022 06:32	WG1849914
n-Propylbenzene	U		0.0000993	0.00100	1	04/18/2022 06:32	WG1849914
Styrene	U		0.000118	0.00100	1	04/18/2022 06:32	WG1849914
tert-Butyl alcohol	U		0.00406	0.00500	1	04/18/2022 06:32	WG1849914
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/18/2022 06:32	WG1849914
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/18/2022 06:32	WG1849914
Tetrachloroethene	U		0.000300	0.00100	1	04/18/2022 06:32	WG1849914
Toluene	U		0.000278	0.00100	1	04/18/2022 06:32	WG1849914
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/18/2022 06:32	WG1849914
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/18/2022 06:32	WG1849914
Trichloroethene	U		0.000190	0.00100	1	04/18/2022 06:32	WG1849914
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/18/2022 06:32	WG1849914
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/18/2022 06:32	WG1849914
Vinyl chloride	U		0.000234	0.00100	1	04/18/2022 06:32	WG1849914
o-Xylene	U		0.000174	0.00100	1	04/18/2022 06:32	WG1849914
m&p-Xylene	U		0.000430	0.00200	1	04/18/2022 06:32	WG1849914
Xylenes, Total	U		0.000174	0.00300	1	04/18/2022 06:32	WG1849914
(S) Toluene-d8	*110*			*80.0-120*		*04/18/2022 06:32*	WG1849914
(S) 4-Bromofluorobenzene	*92.6*			*77.0-126*		*04/18/2022 06:32*	WG1849914
(S) 1,2-Dichloroethane-d4	*81.8*			*70.0-130*		*04/18/2022 06:32*	WG1849914

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	1.67		0.0247	0.100	1	04/27/2022 00:40	WG1853530
(S) o-Terphenyl	*98.9*			*31.0-160*		*04/27/2022 00:40*	WG1853530

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	3050		100	1	04/18/2022 18:37	WG1850391
Dissolved Solids	4990	Q	100	1	05/11/2022 12:13	WG1862144

Wet Chemistry by Method 353.2

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	U		0.0500	0.100	1	04/21/2022 22:21	WG1851912

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	1350	V	37.9	100	100	04/20/2022 12:53	WG1850743
Fluoride	0.897		0.0640	0.150	1	04/20/2022 12:07	WG1850743
Sulfate	1960	V	59.4	500	100	04/20/2022 12:53	WG1850743

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.0182		0.000180	0.00200	1	04/25/2022 23:23	WG1850332
Arsenic,Dissolved	0.0171		0.000180	0.00200	1	04/25/2022 01:38	WG1850299
Barium	0.0379		0.000381	0.00200	1	04/25/2022 23:23	WG1850332
Barium,Dissolved	0.0317		0.000381	0.00200	1	04/25/2022 01:38	WG1850299
Calcium	540		0.0936	1.00	1	04/25/2022 23:23	WG1850332
Chromium	U		0.00124	0.00200	1	04/25/2022 23:23	WG1850332
Chromium,Dissolved	U		0.00124	0.00200	1	04/25/2022 01:38	WG1850299
Iron	0.0518	J	0.0281	0.100	1	04/25/2022 23:23	WG1850332
Iron,Dissolved	U		0.0281	0.100	1	04/25/2022 01:38	WG1850299
Lead	U		0.000849	0.00200	1	04/25/2022 23:23	WG1850332
Lead,Dissolved	U		0.000849	0.00200	1	04/25/2022 01:38	WG1850299
Manganese	3.47		0.000704	0.00500	1	04/25/2022 23:23	WG1850332
Manganese,Dissolved	3.26		0.000704	0.00500	1	04/25/2022 01:38	WG1850299
Potassium	3.68		0.108	2.00	1	04/25/2022 23:23	WG1850332
Selenium	U		0.000300	0.00200	1	04/25/2022 23:23	WG1850332
Selenium,Dissolved	0.000320	J	0.000300	0.00200	1	04/25/2022 01:38	WG1850299
Sodium	1020		1.88	10.0	5	04/26/2022 00:10	WG1850332

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	0.956		0.0314	0.100	1	04/21/2022 00:02	WG1850530
(S) a,a,a-Trifluorotoluene(FID)	*109*			*78.0-120*		*04/21/2022 00:02*	WG1850530

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/18/2022 06:53	WG1849914
Benzene	U		0.0000941	0.00100	1	04/18/2022 06:53	WG1849914
Bromodichloromethane	U		0.000136	0.00100	1	04/18/2022 06:53	WG1849914
Bromoform	U		0.000129	0.00100	1	04/18/2022 06:53	WG1849914
Bromomethane	U		0.000605	0.00500	1	04/18/2022 06:53	WG1849914
n-Butylbenzene	U		0.000157	0.00100	1	04/18/2022 06:53	WG1849914
sec-Butylbenzene	U		0.000125	0.00100	1	04/18/2022 06:53	WG1849914
Carbon disulfide	U		0.0000962	0.00100	1	04/18/2022 06:53	WG1849914

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Carbon tetrachloride	U		0.000128	0.00100	1	04/18/2022 06:53	WG1849914
Chlorobenzene	U		0.000116	0.00100	1	04/18/2022 06:53	WG1849914
Chlorodibromomethane	U		0.000140	0.00100	1	04/18/2022 06:53	WG1849914
Chloroethane	U		0.000192	0.00500	1	04/18/2022 06:53	WG1849914
Chloroform	U		0.000111	0.00500	1	04/18/2022 06:53	WG1849914
Chloromethane	U		0.000960	0.00250	1	04/18/2022 06:53	WG1849914
1,2-Dibromoethane	U		0.000126	0.00100	1	04/18/2022 06:53	WG1849914
1,1-Dichloroethane	U		0.000100	0.00100	1	04/18/2022 06:53	WG1849914
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/18/2022 06:53	WG1849914
1,1-Dichloroethene	U		0.000188	0.00100	1	04/18/2022 06:53	WG1849914
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/18/2022 06:53	WG1849914
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/18/2022 06:53	WG1849914
1,2-Dichloropropane	U		0.000149	0.00100	1	04/18/2022 06:53	WG1849914
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/18/2022 06:53	WG1849914
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/18/2022 06:53	WG1849914
Ethylbenzene	U		0.000137	0.00100	1	04/18/2022 06:53	WG1849914
Isopropylbenzene	U		0.000105	0.00100	1	04/18/2022 06:53	WG1849914
p-Isopropyltoluene	U		0.000120	0.00100	1	04/18/2022 06:53	WG1849914
2-Butanone (MEK)	U		0.00119	0.0100	1	04/18/2022 06:53	WG1849914
2-Hexanone	U		0.000787	0.0100	1	04/18/2022 06:53	WG1849914
Methylene Chloride	U		0.000430	0.00500	1	04/18/2022 06:53	WG1849914
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/18/2022 06:53	WG1849914
Methyl tert-butyl ether	0.00164		0.000101	0.00100	1	04/18/2022 06:53	WG1849914
Naphthalene	U	J4	0.00100	0.00500	1	04/18/2022 06:53	WG1849914
n-Propylbenzene	U		0.0000993	0.00100	1	04/18/2022 06:53	WG1849914
Styrene	U		0.000118	0.00100	1	04/18/2022 06:53	WG1849914
tert-Butyl alcohol	U		0.00406	0.00500	1	04/18/2022 06:53	WG1849914
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/18/2022 06:53	WG1849914
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/18/2022 06:53	WG1849914
Tetrachloroethene	U		0.000300	0.00100	1	04/18/2022 06:53	WG1849914
Toluene	U		0.000278	0.00100	1	04/18/2022 06:53	WG1849914
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/18/2022 06:53	WG1849914
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/18/2022 06:53	WG1849914
Trichloroethene	U		0.000190	0.00100	1	04/18/2022 06:53	WG1849914
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/18/2022 06:53	WG1849914
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/18/2022 06:53	WG1849914
Vinyl chloride	U		0.000234	0.00100	1	04/18/2022 06:53	WG1849914
o-Xylene	U		0.000174	0.00100	1	04/18/2022 06:53	WG1849914
m&p-Xylene	U		0.000430	0.00200	1	04/18/2022 06:53	WG1849914
Xylenes, Total	U		0.000174	0.00300	1	04/18/2022 06:53	WG1849914
(S) Toluene-d8	*114*			*80.0-120*		*04/18/2022 06:53*	WG1849914
(S) 4-Bromofluorobenzene	*90.1*			*77.0-126*		*04/18/2022 06:53*	WG1849914
(S) 1,2-Dichloroethane-d4	*82.6*			*70.0-130*		*04/18/2022 06:53*	WG1849914

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	2.14		0.0247	0.100	1	04/27/2022 01:00	WG1853530
(S) o-Terphenyl	*97.4*			*31.0-160*		*04/27/2022 01:00*	WG1853530

Semi Volatile Organic Compounds (GC/MS) by Method 8270 C-mod

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,4-Dioxane	0.000895		0.0000447	0.000400	1	04/19/2022 04:54	WG1849821
(S) Nitrobenzene-d5	*59.0*			*10.0-120*		*04/19/2022 04:54*	WG1849821

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	2360		100	1	04/18/2022 18:37	WG1850391
Dissolved Solids	4810	Q	100	1	05/11/2022 12:13	WG1862144

Wet Chemistry by Method 353.2

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	U		0.0500	0.100	1	04/21/2022 22:22	WG1851912

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	1410		37.9	100	100	04/20/2022 14:10	WG1850743
Fluoride	2.40		0.640	1.50	10	04/20/2022 13:55	WG1850743
Sulfate	1830		59.4	500	100	04/20/2022 14:10	WG1850743

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.108		0.000180	0.00200	1	04/24/2022 21:35	WG1850334
Arsenic,Dissolved	0.101		0.000180	0.00200	1	04/25/2022 01:42	WG1850299
Barium	0.0111		0.000381	0.00200	1	04/24/2022 21:35	WG1850334
Barium,Dissolved	0.0124		0.000381	0.00200	1	04/25/2022 01:42	WG1850299
Calcium	394		0.0936	1.00	1	04/24/2022 21:35	WG1850334
Chromium	U		0.00124	0.00200	1	04/24/2022 21:35	WG1850334
Chromium,Dissolved	U		0.00124	0.00200	1	04/25/2022 01:42	WG1850299
Iron	2.06		0.0281	0.100	1	04/24/2022 21:35	WG1850334
Iron,Dissolved	1.94		0.0281	0.100	1	04/25/2022 01:42	WG1850299
Lead	U		0.000849	0.00200	1	04/24/2022 21:35	WG1850334
Lead,Dissolved	U		0.000849	0.00200	1	04/25/2022 01:42	WG1850299
Manganese	1.64		0.000704	0.00500	1	04/24/2022 21:35	WG1850334
Manganese,Dissolved	1.68		0.000704	0.00500	1	04/25/2022 01:42	WG1850299
Potassium	4.95		0.108	2.00	1	04/24/2022 21:35	WG1850334
Selenium	0.000494	J	0.000300	0.00200	1	04/24/2022 21:35	WG1850334
Selenium,Dissolved	0.000483	J	0.000300	0.00200	1	04/25/2022 01:42	WG1850299
Sodium	883		0.376	2.00	1	04/24/2022 21:35	WG1850334

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	0.605		0.0314	0.100	1	04/21/2022 00:24	WG1850530
(S) a,a,a-Trifluorotoluene(FID)	*113*			*78.0-120*		*04/21/2022 00:24*	WG1850530

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/18/2022 07:14	WG1849914
Benzene	U		0.0000941	0.00100	1	04/18/2022 07:14	WG1849914
Bromodichloromethane	U		0.000136	0.00100	1	04/18/2022 07:14	WG1849914
Bromoform	U		0.000129	0.00100	1	04/18/2022 07:14	WG1849914
Bromomethane	U		0.000605	0.00500	1	04/18/2022 07:14	WG1849914
n-Butylbenzene	U		0.000157	0.00100	1	04/18/2022 07:14	WG1849914
sec-Butylbenzene	0.000281	J	0.000125	0.00100	1	04/18/2022 07:14	WG1849914
Carbon disulfide	U		0.0000962	0.00100	1	04/18/2022 07:14	WG1849914

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Carbon tetrachloride	U		0.000128	0.00100	1	04/18/2022 07:14	WG1849914
Chlorobenzene	U		0.000116	0.00100	1	04/18/2022 07:14	WG1849914
Chlorodibromomethane	U		0.000140	0.00100	1	04/18/2022 07:14	WG1849914
Chloroethane	U		0.000192	0.00500	1	04/18/2022 07:14	WG1849914
Chloroform	U		0.000111	0.00500	1	04/18/2022 07:14	WG1849914
Chloromethane	U		0.000960	0.00250	1	04/18/2022 07:14	WG1849914
1,2-Dibromoethane	U		0.000126	0.00100	1	04/18/2022 07:14	WG1849914
1,1-Dichloroethane	U		0.000100	0.00100	1	04/18/2022 07:14	WG1849914
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/18/2022 07:14	WG1849914
1,1-Dichloroethene	U		0.000188	0.00100	1	04/18/2022 07:14	WG1849914
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/18/2022 07:14	WG1849914
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/18/2022 07:14	WG1849914
1,2-Dichloropropane	U		0.000149	0.00100	1	04/18/2022 07:14	WG1849914
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/18/2022 07:14	WG1849914
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/18/2022 07:14	WG1849914
Ethylbenzene	U		0.000137	0.00100	1	04/18/2022 07:14	WG1849914
Isopropylbenzene	0.00107		0.000105	0.00100	1	04/18/2022 07:14	WG1849914
p-Isopropyltoluene	U		0.000120	0.00100	1	04/18/2022 07:14	WG1849914
2-Butanone (MEK)	U		0.00119	0.0100	1	04/18/2022 07:14	WG1849914
2-Hexanone	U		0.000787	0.0100	1	04/18/2022 07:14	WG1849914
Methylene Chloride	U		0.000430	0.00500	1	04/18/2022 07:14	WG1849914
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/18/2022 07:14	WG1849914
Methyl tert-butyl ether	0.000221	J	0.000101	0.00100	1	04/18/2022 07:14	WG1849914
Naphthalene	U	J4	0.00100	0.00500	1	04/18/2022 07:14	WG1849914
n-Propylbenzene	U		0.0000993	0.00100	1	04/18/2022 07:14	WG1849914
Styrene	U		0.000118	0.00100	1	04/18/2022 07:14	WG1849914
tert-Butyl alcohol	0.0281		0.00406	0.00500	1	04/18/2022 07:14	WG1849914
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/18/2022 07:14	WG1849914
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/18/2022 07:14	WG1849914
Tetrachloroethene	U		0.000300	0.00100	1	04/18/2022 07:14	WG1849914
Toluene	U		0.000278	0.00100	1	04/18/2022 07:14	WG1849914
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/18/2022 07:14	WG1849914
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/18/2022 07:14	WG1849914
Trichloroethene	U		0.000190	0.00100	1	04/18/2022 07:14	WG1849914
1,2,4-Trimethylbenzene	0.000345	J	0.000322	0.00100	1	04/18/2022 07:14	WG1849914
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/18/2022 07:14	WG1849914
Vinyl chloride	U		0.000234	0.00100	1	04/18/2022 07:14	WG1849914
o-Xylene	U		0.000174	0.00100	1	04/18/2022 07:14	WG1849914
m&p-Xylene	0.000882	J	0.000430	0.00200	1	04/18/2022 07:14	WG1849914
Xylenes, Total	0.000882	J	0.000174	0.00300	1	04/18/2022 07:14	WG1849914
(S) Toluene-d8	*110*			*80.0-120*		*04/18/2022 07:14*	WG1849914
(S) 4-Bromofluorobenzene	*101*			*77.0-126*		*04/18/2022 07:14*	WG1849914
(S) 1,2-Dichloroethane-d4	*79.4*			*70.0-130*		*04/18/2022 07:14*	WG1849914

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	5.86		0.0247	0.100	1	04/27/2022 01:20	WG1853530
(S) o-Terphenyl	*108*			*31.0-160*		*04/27/2022 01:20*	WG1853530

Semi Volatile Organic Compounds (GC/MS) by Method 8270 C-mod

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,4-Dioxane	0.000324	J	0.0000447	0.000400	1	04/19/2022 05:13	WG1849821
(S) Nitrobenzene-d5	*64.0*			*10.0-120*		*04/19/2022 05:13*	WG1849821

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	8380		200	1	04/18/2022 18:37	WG1850391
Dissolved Solids	11000	Q	200	1	05/11/2022 12:13	WG1862144

Wet Chemistry by Method 353.2

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	U		0.0500	0.100	1	04/21/2022 22:41	WG1851914

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	2850		37.9	100	100	04/20/2022 14:41	WG1850743
Fluoride	4.06		0.640	1.50	10	04/20/2022 14:25	WG1850743
Sulfate	5440		59.4	500	100	04/20/2022 14:41	WG1850743

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.153		0.000180	0.00200	1	04/24/2022 21:38	WG1850334
Arsenic,Dissolved	0.152		0.000180	0.00200	1	04/25/2022 01:45	WG1850299
Barium	0.0128		0.000381	0.00200	1	04/24/2022 21:38	WG1850334
Barium,Dissolved	0.0150		0.000381	0.00200	1	04/25/2022 01:45	WG1850299
Calcium	396		0.0936	1.00	1	04/24/2022 21:38	WG1850334
Chromium	U		0.00124	0.00200	1	04/24/2022 21:38	WG1850334
Chromium,Dissolved	U		0.00124	0.00200	1	04/25/2022 01:45	WG1850299
Iron	4.54		0.0281	0.100	1	04/24/2022 21:38	WG1850334
Iron,Dissolved	4.67		0.0281	0.100	1	04/25/2022 01:45	WG1850299
Lead	U		0.000849	0.00200	1	04/24/2022 21:38	WG1850334
Lead,Dissolved	U		0.000849	0.00200	1	04/25/2022 01:45	WG1850299
Manganese	1.03		0.000704	0.00500	1	04/24/2022 21:38	WG1850334
Manganese,Dissolved	1.10		0.000704	0.00500	1	04/25/2022 01:45	WG1850299
Potassium	7.53		0.108	2.00	1	04/24/2022 21:38	WG1850334
Selenium	0.000863	J	0.000300	0.00200	1	04/24/2022 21:38	WG1850334
Selenium,Dissolved	0.000815	J	0.000300	0.00200	1	04/25/2022 01:45	WG1850299
Sodium	2980		1.88	10.0	5	04/25/2022 17:02	WG1850334

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	1.75		0.0314	0.100	1	04/21/2022 00:46	WG1850530
(S) a,a,a-Trifluorotoluene(FID)	*110*			*78.0-120*		*04/21/2022 00:46*	WG1850530

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/18/2022 07:35	WG1849914
Benzene	U		0.0000941	0.00100	1	04/18/2022 07:35	WG1849914
Bromodichloromethane	U		0.000136	0.00100	1	04/18/2022 07:35	WG1849914
Bromoform	U		0.000129	0.00100	1	04/18/2022 07:35	WG1849914
Bromomethane	U		0.000605	0.00500	1	04/18/2022 07:35	WG1849914
n-Butylbenzene	U		0.000157	0.00100	1	04/18/2022 07:35	WG1849914
sec-Butylbenzene	U		0.000125	0.00100	1	04/18/2022 07:35	WG1849914
Carbon disulfide	U		0.0000962	0.00100	1	04/18/2022 07:35	WG1849914

MW-3A
Collected date/time: 04/13/22 10:15
L1482988

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Carbon tetrachloride	U		0.000128	0.00100	1	04/18/2022 07:35	WG1849914
Chlorobenzene	U		0.000116	0.00100	1	04/18/2022 07:35	WG1849914
Chlorodibromomethane	U		0.000140	0.00100	1	04/18/2022 07:35	WG1849914
Chloroethane	U		0.000192	0.00500	1	04/18/2022 07:35	WG1849914
Chloroform	U		0.000111	0.00500	1	04/18/2022 07:35	WG1849914
Chloromethane	U		0.000960	0.00250	1	04/18/2022 07:35	WG1849914
1,2-Dibromoethane	U		0.000126	0.00100	1	04/18/2022 07:35	WG1849914
1,1-Dichloroethane	U		0.000100	0.00100	1	04/18/2022 07:35	WG1849914
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/18/2022 07:35	WG1849914
1,1-Dichloroethene	U		0.000188	0.00100	1	04/18/2022 07:35	WG1849914
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/18/2022 07:35	WG1849914
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/18/2022 07:35	WG1849914
1,2-Dichloropropane	U		0.000149	0.00100	1	04/18/2022 07:35	WG1849914
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/18/2022 07:35	WG1849914
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/18/2022 07:35	WG1849914
Ethylbenzene	U		0.000137	0.00100	1	04/18/2022 07:35	WG1849914
Isopropylbenzene	0.000288	J	0.000105	0.00100	1	04/18/2022 07:35	WG1849914
p-Isopropyltoluene	U		0.000120	0.00100	1	04/18/2022 07:35	WG1849914
2-Butanone (MEK)	U		0.00119	0.0100	1	04/18/2022 07:35	WG1849914
2-Hexanone	U		0.000787	0.0100	1	04/18/2022 07:35	WG1849914
Methylene Chloride	U		0.000430	0.00500	1	04/18/2022 07:35	WG1849914
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/18/2022 07:35	WG1849914
Methyl tert-butyl ether	0.00111		0.000101	0.00100	1	04/18/2022 07:35	WG1849914
Naphthalene	U	J4	0.00100	0.00500	1	04/18/2022 07:35	WG1849914
n-Propylbenzene	U		0.0000993	0.00100	1	04/18/2022 07:35	WG1849914
Styrene	U		0.000118	0.00100	1	04/18/2022 07:35	WG1849914
tert-Butyl alcohol	0.0241		0.00406	0.00500	1	04/18/2022 07:35	WG1849914
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/18/2022 07:35	WG1849914
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/18/2022 07:35	WG1849914
Tetrachloroethene	U		0.000300	0.00100	1	04/18/2022 07:35	WG1849914
Toluene	U		0.000278	0.00100	1	04/18/2022 07:35	WG1849914
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/18/2022 07:35	WG1849914
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/18/2022 07:35	WG1849914
Trichloroethene	U		0.000190	0.00100	1	04/18/2022 07:35	WG1849914
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/18/2022 07:35	WG1849914
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/18/2022 07:35	WG1849914
Vinyl chloride	U		0.000234	0.00100	1	04/18/2022 07:35	WG1849914
o-Xylene	U		0.000174	0.00100	1	04/18/2022 07:35	WG1849914
m&p-Xylene	U		0.000430	0.00200	1	04/18/2022 07:35	WG1849914
Xylenes, Total	U		0.000174	0.00300	1	04/18/2022 07:35	WG1849914
(S) Toluene-d8	*108*			*80.0-120*		*04/18/2022 07:35*	WG1849914
(S) 4-Bromofluorobenzene	*94.3*			*77.0-126*		*04/18/2022 07:35*	WG1849914
(S) 1,2-Dichloroethane-d4	*79.9*			*70.0-130*		*04/18/2022 07:35*	WG1849914

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	5.82		0.0247	0.100	1	04/27/2022 01:40	WG1853530
(S) o-Terphenyl	*107*			*31.0-160*		*04/27/2022 01:40*	WG1853530

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	3970		100	1	04/18/2022 18:37	WG1850391
Dissolved Solids	6060	Q	100	1	05/11/2022 12:13	WG1862144

Wet Chemistry by Method 353.2

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	0.0793	J	0.0500	0.100	1	04/21/2022 22:42	WG1851914

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	2010		37.9	100	100	04/20/2022 15:12	WG1850743
Fluoride	1.71		0.640	1.50	10	04/20/2022 14:56	WG1850743
Sulfate	2470		59.4	500	100	04/20/2022 15:12	WG1850743

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.0149		0.000180	0.00200	1	04/24/2022 21:22	WG1850334
Arsenic,Dissolved	0.0152		0.000180	0.00200	1	04/25/2022 01:48	WG1850299
Barium	0.0162		0.000381	0.00200	1	04/24/2022 21:22	WG1850334
Barium,Dissolved	0.0159		0.000381	0.00200	1	04/25/2022 01:48	WG1850299
Calcium	335	V	0.0936	1.00	1	04/24/2022 21:22	WG1850334
Chromium	0.00180	J	0.00124	0.00200	1	04/24/2022 21:22	WG1850334
Chromium,Dissolved	U		0.00124	0.00200	1	04/25/2022 01:48	WG1850299
Iron	2.38		0.0281	0.100	1	04/24/2022 21:22	WG1850334
Iron,Dissolved	2.37		0.0281	0.100	1	04/25/2022 01:48	WG1850299
Lead	U		0.000849	0.00200	1	04/24/2022 21:22	WG1850334
Lead,Dissolved	U		0.000849	0.00200	1	04/25/2022 01:48	WG1850299
Manganese	0.428		0.000704	0.00500	1	04/24/2022 21:22	WG1850334
Manganese,Dissolved	0.426		0.000704	0.00500	1	04/25/2022 01:48	WG1850299
Potassium	3.58		0.108	2.00	1	04/24/2022 21:22	WG1850334
Selenium	U		0.000300	0.00200	1	04/24/2022 21:22	WG1850334
Selenium,Dissolved	U		0.000300	0.00200	1	04/25/2022 01:48	WG1850299
Sodium	1340		1.88	10.0	5	04/24/2022 22:40	WG1850334

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	0.263		0.0314	0.100	1	04/21/2022 01:07	WG1850530
(S) a,a,a-Trifluorotoluene(FID)	*109*			*78.0-120*		*04/21/2022 01:07*	WG1850530

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/18/2022 07:56	WG1849914
Benzene	U		0.0000941	0.00100	1	04/18/2022 07:56	WG1849914
Bromodichloromethane	U		0.000136	0.00100	1	04/18/2022 07:56	WG1849914
Bromoform	U		0.000129	0.00100	1	04/18/2022 07:56	WG1849914
Bromomethane	U		0.000605	0.00500	1	04/18/2022 07:56	WG1849914
n-Butylbenzene	U		0.000157	0.00100	1	04/18/2022 07:56	WG1849914
sec-Butylbenzene	U		0.000125	0.00100	1	04/18/2022 07:56	WG1849914
Carbon disulfide	U		0.0000962	0.00100	1	04/18/2022 07:56	WG1849914

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Carbon tetrachloride	U		0.000128	0.00100	1	04/18/2022 07:56	WG1849914
Chlorobenzene	U		0.000116	0.00100	1	04/18/2022 07:56	WG1849914
Chlorodibromomethane	U		0.000140	0.00100	1	04/18/2022 07:56	WG1849914
Chloroethane	U		0.000192	0.00500	1	04/18/2022 07:56	WG1849914
Chloroform	U		0.000111	0.00500	1	04/18/2022 07:56	WG1849914
Chloromethane	U		0.000960	0.00250	1	04/18/2022 07:56	WG1849914
1,2-Dibromoethane	U		0.000126	0.00100	1	04/18/2022 07:56	WG1849914
1,1-Dichloroethane	U		0.000100	0.00100	1	04/18/2022 07:56	WG1849914
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/18/2022 07:56	WG1849914
1,1-Dichloroethene	U		0.000188	0.00100	1	04/18/2022 07:56	WG1849914
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/18/2022 07:56	WG1849914
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/18/2022 07:56	WG1849914
1,2-Dichloropropane	U		0.000149	0.00100	1	04/18/2022 07:56	WG1849914
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/18/2022 07:56	WG1849914
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/18/2022 07:56	WG1849914
Ethylbenzene	U		0.000137	0.00100	1	04/18/2022 07:56	WG1849914
Isopropylbenzene	U		0.000105	0.00100	1	04/18/2022 07:56	WG1849914
p-Isopropyltoluene	U		0.000120	0.00100	1	04/18/2022 07:56	WG1849914
2-Butanone (MEK)	U		0.00119	0.0100	1	04/18/2022 07:56	WG1849914
2-Hexanone	U		0.000787	0.0100	1	04/18/2022 07:56	WG1849914
Methylene Chloride	U		0.000430	0.00500	1	04/18/2022 07:56	WG1849914
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/18/2022 07:56	WG1849914
Methyl tert-butyl ether	0.000867	J	0.000101	0.00100	1	04/18/2022 07:56	WG1849914
Naphthalene	U	J4	0.00100	0.00500	1	04/18/2022 07:56	WG1849914
n-Propylbenzene	U		0.0000993	0.00100	1	04/18/2022 07:56	WG1849914
Styrene	U		0.000118	0.00100	1	04/18/2022 07:56	WG1849914
tert-Butyl alcohol	0.00700		0.00406	0.00500	1	04/18/2022 07:56	WG1849914
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/18/2022 07:56	WG1849914
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/18/2022 07:56	WG1849914
Tetrachloroethene	U		0.000300	0.00100	1	04/18/2022 07:56	WG1849914
Toluene	U		0.000278	0.00100	1	04/18/2022 07:56	WG1849914
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/18/2022 07:56	WG1849914
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/18/2022 07:56	WG1849914
Trichloroethene	U		0.000190	0.00100	1	04/18/2022 07:56	WG1849914
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/18/2022 07:56	WG1849914
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/18/2022 07:56	WG1849914
Vinyl chloride	U		0.000234	0.00100	1	04/18/2022 07:56	WG1849914
o-Xylene	U		0.000174	0.00100	1	04/18/2022 07:56	WG1849914
m&p-Xylene	U		0.000430	0.00200	1	04/18/2022 07:56	WG1849914
Xylenes, Total	U		0.000174	0.00300	1	04/18/2022 07:56	WG1849914
(S) Toluene-d8	*110*			*80.0-120*		*04/18/2022 07:56*	WG1849914
(S) 4-Bromofluorobenzene	*100*			*77.0-126*		*04/18/2022 07:56*	WG1849914
(S) 1,2-Dichloroethane-d4	*80.7*			*70.0-130*		*04/18/2022 07:56*	WG1849914

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.870		0.0247	0.100	1	04/27/2022 13:58	WG1853530
(S) o-Terphenyl	*107*			*31.0-160*		*04/27/2022 13:58*	WG1853530

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	11000		200	1	04/18/2022 18:37	WG1850391
Dissolved Solids	13800	Q	200	1	05/11/2022 12:13	WG1862144

Wet Chemistry by Method 353.2

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	0.0587	J	0.0500	0.100	1	04/21/2022 22:43	WG1851914

Wet Chemistry by Method 4500CN E-2011

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Cyanide	0.00362	J	0.00180	0.00500	1	04/25/2022 15:06	WG1852103

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	5290		37.9	100	100	04/19/2022 19:43	WG1850483
Fluoride	2.49		0.640	1.50	10	04/19/2022 19:28	WG1850483
Sulfate	4900		59.4	500	100	04/19/2022 19:43	WG1850483

Sample Narrative:

L1482988-21 WG1850483: Dilution due to matrix.

Mercury by Method 7470A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Mercury	U		0.000100	0.000200	1	04/28/2022 11:44	WG1850019
Mercury,Dissolved	U		0.000100	0.000200	1	04/27/2022 12:41	WG1850025

Metals (ICP) by Method 6010B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Boron	1.02		0.0200	0.200	1	04/20/2022 15:48	WG1851270
Boron,Dissolved	1.04		0.0200	0.200	1	04/26/2022 23:30	WG1851304

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.0436		0.000180	0.00200	1	04/24/2022 21:41	WG1850334
Arsenic,Dissolved	0.0400		0.000180	0.00200	1	04/25/2022 01:51	WG1850299
Barium	0.0163		0.000381	0.00200	1	04/24/2022 21:41	WG1850334
Barium,Dissolved	0.0169		0.000381	0.00200	1	04/25/2022 01:51	WG1850299
Cadmium	U		0.000150	0.00100	1	04/24/2022 21:41	WG1850334
Cadmium,Dissolved	U		0.000150	0.00100	1	04/25/2022 01:51	WG1850299
Calcium	686		0.0936	1.00	1	04/24/2022 21:41	WG1850334
Chromium	U		0.00124	0.00200	1	04/24/2022 21:41	WG1850334
Chromium,Dissolved	U		0.00124	0.00200	1	04/25/2022 01:51	WG1850299
Cobalt	0.00277		0.0000596	0.00200	1	04/24/2022 21:41	WG1850334
Cobalt,Dissolved	0.00274		0.0000596	0.00200	1	04/25/2022 01:51	WG1850299
Iron	2.49		0.0281	0.100	1	04/24/2022 21:41	WG1850334
Iron,Dissolved	2.14		0.0281	0.100	1	04/25/2022 01:51	WG1850299
Lead	U		0.000849	0.00200	1	04/24/2022 21:41	WG1850334
Lead,Dissolved	U		0.000849	0.00200	1	04/25/2022 01:51	WG1850299

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Manganese	2.23		0.000704	0.00500	1	04/24/2022 21:41	WG1850334
Manganese,Dissolved	2.21		0.000704	0.00500	1	04/25/2022 01:51	WG1850299
Nickel	0.0322		0.000816	0.00200	1	04/25/2022 17:05	WG1850334
Nickel,Dissolved	0.0337		0.000816	0.00200	1	04/25/2022 18:08	WG1850299
Potassium	9.59		0.108	2.00	1	04/24/2022 21:41	WG1850334
Selenium	0.00108	J	0.000300	0.00200	1	04/24/2022 21:41	WG1850334
Selenium,Dissolved	0.00118	J	0.000300	0.00200	1	04/25/2022 01:51	WG1850299
Sodium	3660		1.88	10.0	5	04/25/2022 17:08	WG1850334
Uranium	0.00485		0.0000789	0.00100	1	04/24/2022 21:41	WG1850334
Uranium,Dissolved	0.00473		0.0000789	0.00100	1	04/25/2022 01:51	WG1850299
Vanadium	0.00224	B J	0.000664	0.00500	1	04/24/2022 21:41	WG1850334
Vanadium,Dissolved	0.00287	B J	0.000664	0.00500	1	04/25/2022 01:51	WG1850299

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	0.524		0.0314	0.100	1	04/21/2022 01:29	WG1850530
(S) a,a,a-Trifluorotoluene(FID)	*108*			*78.0-120*		*04/21/2022 01:29*	WG1850530

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/18/2022 08:17	WG1849914
Benzene	U		0.0000941	0.00100	1	04/18/2022 08:17	WG1849914
Bromodichloromethane	U		0.000136	0.00100	1	04/18/2022 08:17	WG1849914
Bromoform	U		0.000129	0.00100	1	04/18/2022 08:17	WG1849914
Bromomethane	U		0.000605	0.00500	1	04/18/2022 08:17	WG1849914
n-Butylbenzene	U		0.000157	0.00100	1	04/18/2022 08:17	WG1849914
sec-Butylbenzene	U		0.000125	0.00100	1	04/18/2022 08:17	WG1849914
Carbon disulfide	U		0.0000962	0.00100	1	04/18/2022 08:17	WG1849914
Carbon tetrachloride	U		0.000128	0.00100	1	04/18/2022 08:17	WG1849914
Chlorobenzene	U		0.000116	0.00100	1	04/18/2022 08:17	WG1849914
Chlorodibromomethane	U		0.000140	0.00100	1	04/18/2022 08:17	WG1849914
Chloroethane	U		0.000192	0.00500	1	04/18/2022 08:17	WG1849914
Chloroform	U		0.000111	0.00500	1	04/18/2022 08:17	WG1849914
Chloromethane	U		0.000960	0.00250	1	04/18/2022 08:17	WG1849914
1,2-Dibromoethane	U		0.000126	0.00100	1	04/18/2022 08:17	WG1849914
1,1-Dichloroethane	U		0.000100	0.00100	1	04/18/2022 08:17	WG1849914
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/18/2022 08:17	WG1849914
1,1-Dichloroethene	U		0.000188	0.00100	1	04/18/2022 08:17	WG1849914
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/18/2022 08:17	WG1849914
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/18/2022 08:17	WG1849914
1,2-Dichloropropane	U		0.000149	0.00100	1	04/18/2022 08:17	WG1849914
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/18/2022 08:17	WG1849914
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/18/2022 08:17	WG1849914
Ethylbenzene	U		0.000137	0.00100	1	04/18/2022 08:17	WG1849914
Isopropylbenzene	U		0.000105	0.00100	1	04/18/2022 08:17	WG1849914
p-Isopropyltoluene	U		0.000120	0.00100	1	04/18/2022 08:17	WG1849914
2-Butanone (MEK)	U		0.00119	0.0100	1	04/18/2022 08:17	WG1849914
2-Hexanone	U		0.000787	0.0100	1	04/18/2022 08:17	WG1849914
Methylene Chloride	U		0.000430	0.00500	1	04/18/2022 08:17	WG1849914
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/18/2022 08:17	WG1849914
Methyl tert-butyl ether	0.00228		0.000101	0.00100	1	04/18/2022 08:17	WG1849914
Naphthalene	U	J4	0.00100	0.00500	1	04/18/2022 08:17	WG1849914
n-Propylbenzene	U		0.0000993	0.00100	1	04/18/2022 08:17	WG1849914

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Styrene	U		0.000118	0.00100	1	04/18/2022 08:17	WG1849914
tert-Butyl alcohol	0.0147		0.00406	0.00500	1	04/18/2022 08:17	WG1849914
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/18/2022 08:17	WG1849914
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/18/2022 08:17	WG1849914
Tetrachloroethene	U		0.000300	0.00100	1	04/18/2022 08:17	WG1849914
Toluene	U		0.000278	0.00100	1	04/18/2022 08:17	WG1849914
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/18/2022 08:17	WG1849914
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/18/2022 08:17	WG1849914
Trichloroethene	U		0.000190	0.00100	1	04/18/2022 08:17	WG1849914
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/18/2022 08:17	WG1849914
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/18/2022 08:17	WG1849914
Vinyl chloride	U		0.000234	0.00100	1	04/18/2022 08:17	WG1849914
o-Xylene	U		0.000174	0.00100	1	04/18/2022 08:17	WG1849914
m&p-Xylene	U		0.000430	0.00200	1	04/18/2022 08:17	WG1849914
Xylenes, Total	U		0.000174	0.00300	1	04/18/2022 08:17	WG1849914
(S) Toluene-d8	*110*			*80.0-120*		*04/18/2022 08:17*	WG1849914
(S) 4-Bromofluorobenzene	*102*			*77.0-126*		*04/18/2022 08:17*	WG1849914
(S) 1,2-Dichloroethane-d4	*80.8*			*70.0-130*		*04/18/2022 08:17*	WG1849914

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	1.75		0.0247	0.100	1	04/27/2022 02:21	WG1853530
(S) o-Terphenyl	*96.8*			*31.0-160*		*04/27/2022 02:21*	WG1853530

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	3960		100	1	04/18/2022 18:37	WG1850391
Dissolved Solids	4820	Q	100	1	05/11/2022 12:13	WG1862144

Wet Chemistry by Method 353.2

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	0.0694	J	0.0500	0.100	1	04/21/2022 22:45	WG1851914

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	2000		37.9	100	100	04/19/2022 20:14	WG1850483
Fluoride	1.72		0.640	1.50	10	04/19/2022 19:58	WG1850483
Sulfate	2450		59.4	500	100	04/19/2022 20:14	WG1850483

Sample Narrative:

L1482988-22 WG1850483: Dilution due to matrix.

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.0159		0.000180	0.00200	1	04/24/2022 21:45	WG1850334
Arsenic,Dissolved	0.0153		0.000180	0.00200	1	04/25/2022 01:55	WG1850299
Barium	0.0182		0.000381	0.00200	1	04/24/2022 21:45	WG1850334
Barium,Dissolved	0.0148		0.000381	0.00200	1	04/25/2022 01:55	WG1850299
Calcium	339		0.0936	1.00	1	04/24/2022 21:45	WG1850334
Chromium	0.00414		0.00124	0.00200	1	04/24/2022 21:45	WG1850334
Chromium,Dissolved	U		0.00124	0.00200	1	04/25/2022 01:55	WG1850299
Iron	2.59		0.0281	0.100	1	04/24/2022 21:45	WG1850334
Iron,Dissolved	2.29		0.0281	0.100	1	04/25/2022 01:55	WG1850299
Lead	0.000952	J	0.000849	0.00200	1	04/24/2022 21:45	WG1850334
Lead,Dissolved	U		0.000849	0.00200	1	04/25/2022 01:55	WG1850299
Manganese	0.444		0.000704	0.00500	1	04/24/2022 21:45	WG1850334
Manganese,Dissolved	0.439		0.000704	0.00500	1	04/25/2022 01:55	WG1850299
Potassium	3.71		0.108	2.00	1	04/24/2022 21:45	WG1850334
Selenium	0.000360	J	0.000300	0.00200	1	04/24/2022 21:45	WG1850334
Selenium,Dissolved	U		0.000300	0.00200	1	04/25/2022 01:55	WG1850299
Sodium	1610		1.88	10.0	5	04/25/2022 16:14	WG1850334

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	0.254		0.0314	0.100	1	04/21/2022 01:50	WG1850530
(S) a,a,a-Trifluorotoluene(FID)	*109*			*78.0-120*		*04/21/2022 01:50*	WG1850530

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/18/2022 08:38	WG1849914
Benzene	U		0.0000941	0.00100	1	04/18/2022 08:38	WG1849914
Bromodichloromethane	U		0.000136	0.00100	1	04/18/2022 08:38	WG1849914
Bromoform	U		0.000129	0.00100	1	04/18/2022 08:38	WG1849914
Bromomethane	U		0.000605	0.00500	1	04/18/2022 08:38	WG1849914

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
n-Butylbenzene	U		0.000157	0.00100	1	04/18/2022 08:38	WG1849914
sec-Butylbenzene	U		0.000125	0.00100	1	04/18/2022 08:38	WG1849914
Carbon disulfide	U		0.0000962	0.00100	1	04/18/2022 08:38	WG1849914
Carbon tetrachloride	U		0.000128	0.00100	1	04/18/2022 08:38	WG1849914
Chlorobenzene	U		0.000116	0.00100	1	04/18/2022 08:38	WG1849914
Chlorodibromomethane	U		0.000140	0.00100	1	04/18/2022 08:38	WG1849914
Chloroethane	U		0.000192	0.00500	1	04/18/2022 08:38	WG1849914
Chloroform	U		0.000111	0.00500	1	04/18/2022 08:38	WG1849914
Chloromethane	U		0.000960	0.00250	1	04/18/2022 08:38	WG1849914
1,2-Dibromoethane	U		0.000126	0.00100	1	04/18/2022 08:38	WG1849914
1,1-Dichloroethane	U		0.000100	0.00100	1	04/18/2022 08:38	WG1849914
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/18/2022 08:38	WG1849914
1,1-Dichloroethene	U		0.000188	0.00100	1	04/18/2022 08:38	WG1849914
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/18/2022 08:38	WG1849914
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/18/2022 08:38	WG1849914
1,2-Dichloropropane	U		0.000149	0.00100	1	04/18/2022 08:38	WG1849914
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/18/2022 08:38	WG1849914
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/18/2022 08:38	WG1849914
Ethylbenzene	U		0.000137	0.00100	1	04/18/2022 08:38	WG1849914
Isopropylbenzene	U		0.000105	0.00100	1	04/18/2022 08:38	WG1849914
p-Isopropyltoluene	U		0.000120	0.00100	1	04/18/2022 08:38	WG1849914
2-Butanone (MEK)	U		0.00119	0.0100	1	04/18/2022 08:38	WG1849914
2-Hexanone	U		0.000787	0.0100	1	04/18/2022 08:38	WG1849914
Methylene Chloride	U		0.000430	0.00500	1	04/18/2022 08:38	WG1849914
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/18/2022 08:38	WG1849914
Methyl tert-butyl ether	0.000830	J	0.000101	0.00100	1	04/18/2022 08:38	WG1849914
Naphthalene	U	J4	0.00100	0.00500	1	04/18/2022 08:38	WG1849914
n-Propylbenzene	U		0.0000993	0.00100	1	04/18/2022 08:38	WG1849914
Styrene	U		0.000118	0.00100	1	04/18/2022 08:38	WG1849914
tert-Butyl alcohol	0.00563		0.00406	0.00500	1	04/18/2022 08:38	WG1849914
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/18/2022 08:38	WG1849914
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/18/2022 08:38	WG1849914
Tetrachloroethene	U		0.000300	0.00100	1	04/18/2022 08:38	WG1849914
Toluene	U		0.000278	0.00100	1	04/18/2022 08:38	WG1849914
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/18/2022 08:38	WG1849914
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/18/2022 08:38	WG1849914
Trichloroethene	U		0.000190	0.00100	1	04/18/2022 08:38	WG1849914
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/18/2022 08:38	WG1849914
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/18/2022 08:38	WG1849914
Vinyl chloride	U		0.000234	0.00100	1	04/18/2022 08:38	WG1849914
o-Xylene	U		0.000174	0.00100	1	04/18/2022 08:38	WG1849914
m&p-Xylene	U		0.000430	0.00200	1	04/18/2022 08:38	WG1849914
Xylenes, Total	U		0.000174	0.00300	1	04/18/2022 08:38	WG1849914
(S) Toluene-d8	*108*			*80.0-120*		*04/18/2022 08:38*	WG1849914
(S) 4-Bromofluorobenzene	*99.9*			*77.0-126*		*04/18/2022 08:38*	WG1849914
(S) 1,2-Dichloroethane-d4	*79.9*			*70.0-130*		*04/18/2022 08:38*	WG1849914

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.873		0.0247	0.100	1	04/27/2022 14:49	WG1853530
(S) o-Terphenyl	*108*			*31.0-160*		*04/27/2022 14:49*	WG1853530

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	200		200	1	04/18/2022 18:37	WG1850391
Dissolved Solids	8420	Q	200	1	04/28/2022 16:15	WG1855786
Dissolved Solids	9980	Q	200	1	05/11/2022 12:13	WG1862144

Wet Chemistry by Method 353.2

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	U		0.0500	0.100	1	04/21/2022 22:46	WG1851914

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	3590		37.9	100	100	04/19/2022 21:15	WG1850483
Fluoride	1.58		0.640	1.50	10	04/19/2022 21:00	WG1850483
Sulfate	3400		59.4	500	100	04/19/2022 21:15	WG1850483

Sample Narrative:

L1482988-23 WG1850483: Dilution due to matrix.

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.0264		0.000180	0.00200	1	04/24/2022 22:32	WG1850334
Arsenic,Dissolved	0.0253		0.000180	0.00200	1	04/25/2022 01:58	WG1850299
Barium	0.0136		0.000381	0.00200	1	04/24/2022 22:32	WG1850334
Barium,Dissolved	0.0138		0.000381	0.00200	1	04/25/2022 01:58	WG1850299
Calcium	452		0.0936	1.00	1	04/24/2022 22:32	WG1850334
Chromium	U		0.00124	0.00200	1	04/24/2022 22:32	WG1850334
Chromium,Dissolved	U		0.00124	0.00200	1	04/25/2022 01:58	WG1850299
Iron	0.254		0.0281	0.100	1	04/24/2022 22:32	WG1850334
Iron,Dissolved	0.0584	J	0.0281	0.100	1	04/25/2022 01:58	WG1850299
Lead	U		0.000849	0.00200	1	04/24/2022 22:32	WG1850334
Lead,Dissolved	U		0.000849	0.00200	1	04/25/2022 01:58	WG1850299
Manganese	0.657		0.000704	0.00500	1	04/24/2022 22:32	WG1850334
Manganese,Dissolved	0.655		0.000704	0.00500	1	04/25/2022 01:58	WG1850299
Potassium	4.01		0.108	2.00	1	04/24/2022 22:32	WG1850334
Selenium	0.00304		0.000300	0.00200	1	04/24/2022 22:32	WG1850334
Selenium,Dissolved	0.00261		0.000300	0.00200	1	04/25/2022 01:58	WG1850299
Sodium	2710		1.88	10.0	5	04/25/2022 16:17	WG1850334

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	0.989		0.0314	0.100	1	04/21/2022 02:12	WG1850530
(S) a,a,a-Trifluorotoluene(FID)	*108*			*78.0-120*		*04/21/2022 02:12*	WG1850530

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/18/2022 08:59	WG1849914
Benzene	U		0.0000941	0.00100	1	04/18/2022 08:59	WG1849914
Bromodichloromethane	U		0.000136	0.00100	1	04/18/2022 08:59	WG1849914
Bromoform	U		0.000129	0.00100	1	04/18/2022 08:59	WG1849914

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Bromomethane	U		0.000605	0.00500	1	04/18/2022 08:59	WG1849914
n-Butylbenzene	U		0.000157	0.00100	1	04/18/2022 08:59	WG1849914
sec-Butylbenzene	U		0.000125	0.00100	1	04/18/2022 08:59	WG1849914
Carbon disulfide	U		0.0000962	0.00100	1	04/18/2022 08:59	WG1849914
Carbon tetrachloride	U		0.000128	0.00100	1	04/18/2022 08:59	WG1849914
Chlorobenzene	U		0.000116	0.00100	1	04/18/2022 08:59	WG1849914
Chlorodibromomethane	U		0.000140	0.00100	1	04/18/2022 08:59	WG1849914
Chloroethane	U		0.000192	0.00500	1	04/18/2022 08:59	WG1849914
Chloroform	U		0.000111	0.00500	1	04/18/2022 08:59	WG1849914
Chloromethane	U		0.000960	0.00250	1	04/18/2022 08:59	WG1849914
1,2-Dibromoethane	U		0.000126	0.00100	1	04/18/2022 08:59	WG1849914
1,1-Dichloroethane	U		0.000100	0.00100	1	04/18/2022 08:59	WG1849914
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/18/2022 08:59	WG1849914
1,1-Dichloroethene	U		0.000188	0.00100	1	04/18/2022 08:59	WG1849914
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/18/2022 08:59	WG1849914
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/18/2022 08:59	WG1849914
1,2-Dichloropropane	U		0.000149	0.00100	1	04/18/2022 08:59	WG1849914
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/18/2022 08:59	WG1849914
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/18/2022 08:59	WG1849914
Ethylbenzene	U		0.000137	0.00100	1	04/18/2022 08:59	WG1849914
Isopropylbenzene	U		0.000105	0.00100	1	04/18/2022 08:59	WG1849914
p-Isopropyltoluene	U		0.000120	0.00100	1	04/18/2022 08:59	WG1849914
2-Butanone (MEK)	U		0.00119	0.0100	1	04/18/2022 08:59	WG1849914
2-Hexanone	U		0.000787	0.0100	1	04/18/2022 08:59	WG1849914
Methylene Chloride	U		0.000430	0.00500	1	04/18/2022 08:59	WG1849914
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/18/2022 08:59	WG1849914
Methyl tert-butyl ether	0.00231		0.000101	0.00100	1	04/18/2022 08:59	WG1849914
Naphthalene	U	J4	0.00100	0.00500	1	04/18/2022 08:59	WG1849914
n-Propylbenzene	U		0.0000993	0.00100	1	04/18/2022 08:59	WG1849914
Styrene	U		0.000118	0.00100	1	04/18/2022 08:59	WG1849914
tert-Butyl alcohol	U		0.00406	0.00500	1	04/18/2022 08:59	WG1849914
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/18/2022 08:59	WG1849914
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/18/2022 08:59	WG1849914
Tetrachloroethene	U		0.000300	0.00100	1	04/18/2022 08:59	WG1849914
Toluene	U		0.000278	0.00100	1	04/18/2022 08:59	WG1849914
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/18/2022 08:59	WG1849914
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/18/2022 08:59	WG1849914
Trichloroethene	U		0.000190	0.00100	1	04/18/2022 08:59	WG1849914
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/18/2022 08:59	WG1849914
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/18/2022 08:59	WG1849914
Vinyl chloride	U		0.000234	0.00100	1	04/18/2022 08:59	WG1849914
o-Xylene	U		0.000174	0.00100	1	04/18/2022 08:59	WG1849914
m&p-Xylene	U		0.000430	0.00200	1	04/18/2022 08:59	WG1849914
Xylenes, Total	U		0.000174	0.00300	1	04/18/2022 08:59	WG1849914
(S) Toluene-d8	*108*			*80.0-120*		*04/18/2022 08:59*	WG1849914
(S) 4-Bromofluorobenzene	*96.9*			*77.0-126*		*04/18/2022 08:59*	WG1849914
(S) 1,2-Dichloroethane-d4	*81.2*			*70.0-130*		*04/18/2022 08:59*	WG1849914

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	3.11		0.0247	0.100	1	04/27/2022 03:01	WG1853530
(S) o-Terphenyl	*96.8*			*31.0-160*		*04/27/2022 03:01*	WG1853530

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	3770		100	1	04/18/2022 18:37	WG1850391
Dissolved Solids	4730	Q	100	1	05/11/2022 12:13	WG1862144

Wet Chemistry by Method 353.2

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	U		0.0500	0.100	1	04/21/2022 22:55	WG1851914

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	1380		37.9	100	100	04/19/2022 21:46	WG1850483
Fluoride	1.92		0.640	1.50	10	04/19/2022 21:31	WG1850483
Sulfate	2190		59.4	500	100	04/19/2022 21:46	WG1850483

Sample Narrative:

L1482988-24 WG1850483: Dilution due to matrix.

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.0497		0.000180	0.00200	1	04/24/2022 22:36	WG1850334
Arsenic,Dissolved	0.0434		0.000180	0.00200	1	04/25/2022 02:18	WG1850299
Barium	0.0122		0.000381	0.00200	1	04/24/2022 22:36	WG1850334
Barium,Dissolved	0.0130		0.000381	0.00200	1	04/25/2022 02:18	WG1850299
Calcium	497		0.0936	1.00	1	04/24/2022 22:36	WG1850334
Chromium	U		0.00124	0.00200	1	04/24/2022 22:36	WG1850334
Chromium,Dissolved	U		0.00124	0.00200	1	04/25/2022 02:18	WG1850299
Iron	0.569		0.0281	0.100	1	04/24/2022 22:36	WG1850334
Iron,Dissolved	0.398		0.0281	0.100	1	04/25/2022 02:18	WG1850299
Lead	U		0.000849	0.00200	1	04/24/2022 22:36	WG1850334
Lead,Dissolved	U		0.000849	0.00200	1	04/25/2022 02:18	WG1850299
Manganese	1.91		0.000704	0.00500	1	04/24/2022 22:36	WG1850334
Manganese,Dissolved	1.91		0.000704	0.00500	1	04/25/2022 02:18	WG1850299
Potassium	5.00		0.108	2.00	1	04/24/2022 22:36	WG1850334
Selenium	0.00398		0.000300	0.00200	1	04/24/2022 22:36	WG1850334
Selenium,Dissolved	0.00350		0.000300	0.00200	1	04/25/2022 02:18	WG1850299
Sodium	814		0.376	2.00	1	04/24/2022 22:36	WG1850334

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	U		0.157	0.500	5	04/21/2022 04:21	WG1850530
(S) a,a,a-Trifluorotoluene(FID)	*111*			*78.0-120*		*04/21/2022 04:21*	WG1850530

Sample Narrative:

L1482988-24 WG1850530: Lowest possible dilution due to sample foaming.

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U	J3	0.0113	0.0500	1	04/19/2022 15:11	WG1850790
Benzene	U		0.0000941	0.00100	1	04/19/2022 15:11	WG1850790
Bromodichloromethane	U		0.000136	0.00100	1	04/19/2022 15:11	WG1850790
Bromoform	U	J4	0.000129	0.00100	1	04/19/2022 15:11	WG1850790
Bromomethane	U		0.000605	0.00500	1	04/19/2022 15:11	WG1850790
n-Butylbenzene	U		0.000157	0.00100	1	04/19/2022 15:11	WG1850790
sec-Butylbenzene	0.000207	J	0.000125	0.00100	1	04/19/2022 15:11	WG1850790
Carbon disulfide	U	J4	0.0000962	0.00100	1	04/19/2022 15:11	WG1850790
Carbon tetrachloride	U		0.000128	0.00100	1	04/19/2022 15:11	WG1850790
Chlorobenzene	U		0.000116	0.00100	1	04/19/2022 15:11	WG1850790
Chlorodibromomethane	U		0.000140	0.00100	1	04/19/2022 15:11	WG1850790
Chloroethane	U		0.000192	0.00500	1	04/19/2022 15:11	WG1850790
Chloroform	0.000139	J	0.000111	0.00500	1	04/19/2022 15:11	WG1850790
Chloromethane	U		0.000960	0.00250	1	04/19/2022 15:11	WG1850790
1,2-Dibromoethane	U		0.000126	0.00100	1	04/19/2022 15:11	WG1850790
1,1-Dichloroethane	U		0.000100	0.00100	1	04/19/2022 15:11	WG1850790
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/19/2022 15:11	WG1850790
1,1-Dichloroethene	U		0.000188	0.00100	1	04/19/2022 15:11	WG1850790
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/19/2022 15:11	WG1850790
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/19/2022 15:11	WG1850790
1,2-Dichloropropane	U		0.000149	0.00100	1	04/19/2022 15:11	WG1850790
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/19/2022 15:11	WG1850790
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/19/2022 15:11	WG1850790
Ethylbenzene	U		0.000137	0.00100	1	04/19/2022 15:11	WG1850790
Isopropylbenzene	U		0.000105	0.00100	1	04/19/2022 15:11	WG1850790
p-Isopropyltoluene	U		0.000120	0.00100	1	04/19/2022 15:11	WG1850790
2-Butanone (MEK)	U		0.00119	0.0100	1	04/19/2022 15:11	WG1850790
2-Hexanone	U		0.000787	0.0100	1	04/19/2022 15:11	WG1850790
Methylene Chloride	U		0.000430	0.00500	1	04/19/2022 15:11	WG1850790
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/19/2022 15:11	WG1850790
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/19/2022 15:11	WG1850790
Naphthalene	U		0.00100	0.00500	1	04/19/2022 15:11	WG1850790
n-Propylbenzene	U		0.0000993	0.00100	1	04/19/2022 15:11	WG1850790
Styrene	U		0.000118	0.00100	1	04/19/2022 15:11	WG1850790
tert-Butyl alcohol	0.0140		0.00406	0.00500	1	04/19/2022 15:11	WG1850790
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/19/2022 15:11	WG1850790
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/19/2022 15:11	WG1850790
Tetrachloroethene	U		0.000300	0.00100	1	04/19/2022 15:11	WG1850790
Toluene	U		0.000278	0.00100	1	04/19/2022 15:11	WG1850790
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/19/2022 15:11	WG1850790
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/19/2022 15:11	WG1850790
Trichloroethene	U		0.000190	0.00100	1	04/19/2022 15:11	WG1850790
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/19/2022 15:11	WG1850790
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/19/2022 15:11	WG1850790
Vinyl chloride	U		0.000234	0.00100	1	04/19/2022 15:11	WG1850790
o-Xylene	U		0.000174	0.00100	1	04/19/2022 15:11	WG1850790
m&p-Xylene	U		0.000430	0.00200	1	04/19/2022 15:11	WG1850790
Xylenes, Total	U		0.000174	0.00300	1	04/19/2022 15:11	WG1850790
(S) Toluene-d8	*107*			*80.0-120*		*04/19/2022 15:11*	WG1850790
(S) 4-Bromofluorobenzene	*88.8*			*77.0-126*		*04/19/2022 15:11*	WG1850790
(S) 1,2-Dichloroethane-d4	*79.1*			*70.0-130*		*04/19/2022 15:11*	WG1850790

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	6.38		0.0247	0.100	1	04/27/2022 05:22	WG1853530

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
(S) o-Terphenyl	*99.5*			*31.0-160*		*04/27/2022 05:22*	WG1853530

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	13.0		10.0	1	04/18/2022 18:37	WG1850391

Wet Chemistry by Method 353.2

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	U		0.0500	0.100	1	04/21/2022 22:56	WG1851914

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	U		0.379	1.00	1	04/19/2022 22:02	WG1850483
Fluoride	U		0.0640	0.150	1	04/19/2022 22:02	WG1850483
Sulfate	U		0.594	5.00	1	04/19/2022 22:02	WG1850483

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	U		0.000180	0.00200	1	04/24/2022 22:43	WG1850334
Arsenic,Dissolved	U		0.000180	0.00200	1	04/25/2022 02:21	WG1850299
Barium	0.000575	J	0.000381	0.00200	1	04/24/2022 22:43	WG1850334
Barium,Dissolved	U		0.000381	0.00200	1	04/25/2022 02:21	WG1850299
Calcium	0.116	J	0.0936	1.00	1	04/24/2022 22:43	WG1850334
Chromium	U		0.00124	0.00200	1	04/24/2022 22:43	WG1850334
Chromium,Dissolved	U		0.00124	0.00200	1	04/25/2022 02:21	WG1850299
Iron	U		0.0281	0.100	1	04/24/2022 22:43	WG1850334
Iron,Dissolved	U		0.0281	0.100	1	04/25/2022 02:21	WG1850299
Lead	U		0.000849	0.00200	1	04/24/2022 22:43	WG1850334
Lead,Dissolved	U		0.000849	0.00200	1	04/25/2022 02:21	WG1850299
Manganese	0.000927	J	0.000704	0.00500	1	04/24/2022 22:43	WG1850334
Manganese,Dissolved	0.00139	B J	0.000704	0.00500	1	04/25/2022 02:21	WG1850299
Potassium	U		0.108	2.00	1	04/24/2022 22:43	WG1850334
Selenium	U		0.000300	0.00200	1	04/24/2022 22:43	WG1850334
Selenium,Dissolved	U		0.000300	0.00200	1	04/25/2022 02:21	WG1850299
Sodium	0.688	J	0.376	2.00	1	04/24/2022 22:43	WG1850334

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	U		0.0314	0.100	1	04/20/2022 21:31	WG1850530
(S) a,a,a-Trifluorotoluene(FID)	*110*			*78.0-120*		*04/20/2022 21:31*	WG1850530

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/18/2022 05:30	WG1849914
Benzene	U		0.0000941	0.00100	1	04/18/2022 05:30	WG1849914
Bromodichloromethane	U		0.000136	0.00100	1	04/18/2022 05:30	WG1849914
Bromoform	U		0.000129	0.00100	1	04/18/2022 05:30	WG1849914
Bromomethane	U		0.000605	0.00500	1	04/18/2022 05:30	WG1849914
n-Butylbenzene	U		0.000157	0.00100	1	04/18/2022 05:30	WG1849914
sec-Butylbenzene	U		0.000125	0.00100	1	04/18/2022 05:30	WG1849914
Carbon disulfide	U		0.0000962	0.00100	1	04/18/2022 05:30	WG1849914
Carbon tetrachloride	U		0.000128	0.00100	1	04/18/2022 05:30	WG1849914

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chlorobenzene	U		0.000116	0.00100	1	04/18/2022 05:30	WG1849914
Chlorodibromomethane	U		0.000140	0.00100	1	04/18/2022 05:30	WG1849914
Chloroethane	U		0.000192	0.00500	1	04/18/2022 05:30	WG1849914
Chloroform	U		0.000111	0.00500	1	04/18/2022 05:30	WG1849914
Chloromethane	U		0.000960	0.00250	1	04/18/2022 05:30	WG1849914
1,2-Dibromoethane	U		0.000126	0.00100	1	04/18/2022 05:30	WG1849914
1,1-Dichloroethane	U		0.000100	0.00100	1	04/18/2022 05:30	WG1849914
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/18/2022 05:30	WG1849914
1,1-Dichloroethene	U		0.000188	0.00100	1	04/18/2022 05:30	WG1849914
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/18/2022 05:30	WG1849914
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/18/2022 05:30	WG1849914
1,2-Dichloropropane	U		0.000149	0.00100	1	04/18/2022 05:30	WG1849914
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/18/2022 05:30	WG1849914
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/18/2022 05:30	WG1849914
Ethylbenzene	U		0.000137	0.00100	1	04/18/2022 05:30	WG1849914
Isopropylbenzene	U		0.000105	0.00100	1	04/18/2022 05:30	WG1849914
p-Isopropyltoluene	U		0.000120	0.00100	1	04/18/2022 05:30	WG1849914
2-Butanone (MEK)	U		0.00119	0.0100	1	04/18/2022 05:30	WG1849914
2-Hexanone	U		0.000787	0.0100	1	04/18/2022 05:30	WG1849914
Methylene Chloride	U		0.000430	0.00500	1	04/18/2022 05:30	WG1849914
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/18/2022 05:30	WG1849914
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/18/2022 05:30	WG1849914
Naphthalene	U	J4	0.00100	0.00500	1	04/18/2022 05:30	WG1849914
n-Propylbenzene	U		0.0000993	0.00100	1	04/18/2022 05:30	WG1849914
Styrene	U		0.000118	0.00100	1	04/18/2022 05:30	WG1849914
tert-Butyl alcohol	U		0.00406	0.00500	1	04/18/2022 05:30	WG1849914
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/18/2022 05:30	WG1849914
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/18/2022 05:30	WG1849914
Tetrachloroethene	U		0.000300	0.00100	1	04/18/2022 05:30	WG1849914
Toluene	U		0.000278	0.00100	1	04/18/2022 05:30	WG1849914
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/18/2022 05:30	WG1849914
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/18/2022 05:30	WG1849914
Trichloroethene	U		0.000190	0.00100	1	04/18/2022 05:30	WG1849914
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/18/2022 05:30	WG1849914
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/18/2022 05:30	WG1849914
Vinyl chloride	U		0.000234	0.00100	1	04/18/2022 05:30	WG1849914
o-Xylene	U		0.000174	0.00100	1	04/18/2022 05:30	WG1849914
m&p-Xylene	U		0.000430	0.00200	1	04/18/2022 05:30	WG1849914
Xylenes, Total	U		0.000174	0.00300	1	04/18/2022 05:30	WG1849914
(S) Toluene-d8	*108*			*80.0-120*		*04/18/2022 05:30*	WG1849914
(S) 4-Bromofluorobenzene	*97.6*			*77.0-126*		*04/18/2022 05:30*	WG1849914
(S) 1,2-Dichloroethane-d4	*82.0*			*70.0-130*		*04/18/2022 05:30*	WG1849914

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.0379	J	0.0247	0.100	1	04/27/2022 03:21	WG1853530
(S) o-Terphenyl	*71.1*			*31.0-160*		*04/27/2022 03:21*	WG1853530

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/18/2022 05:10	WG1849914
Benzene	U		0.0000941	0.00100	1	04/18/2022 05:10	WG1849914
Bromodichloromethane	U		0.000136	0.00100	1	04/18/2022 05:10	WG1849914
Bromoform	U		0.000129	0.00100	1	04/18/2022 05:10	WG1849914
Bromomethane	U		0.000605	0.00500	1	04/18/2022 05:10	WG1849914
n-Butylbenzene	U		0.000157	0.00100	1	04/18/2022 05:10	WG1849914
sec-Butylbenzene	U		0.000125	0.00100	1	04/18/2022 05:10	WG1849914
Carbon disulfide	U		0.0000962	0.00100	1	04/18/2022 05:10	WG1849914
Carbon tetrachloride	U		0.000128	0.00100	1	04/18/2022 05:10	WG1849914
Chlorobenzene	U		0.000116	0.00100	1	04/18/2022 05:10	WG1849914
Chlorodibromomethane	U		0.000140	0.00100	1	04/18/2022 05:10	WG1849914
Chloroethane	U		0.000192	0.00500	1	04/18/2022 05:10	WG1849914
Chloroform	U		0.000111	0.00500	1	04/18/2022 05:10	WG1849914
Chloromethane	U		0.000960	0.00250	1	04/18/2022 05:10	WG1849914
1,2-Dibromoethane	U		0.000126	0.00100	1	04/18/2022 05:10	WG1849914
1,1-Dichloroethane	U		0.000100	0.00100	1	04/18/2022 05:10	WG1849914
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/18/2022 05:10	WG1849914
1,1-Dichloroethene	U		0.000188	0.00100	1	04/18/2022 05:10	WG1849914
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/18/2022 05:10	WG1849914
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/18/2022 05:10	WG1849914
1,2-Dichloropropane	U		0.000149	0.00100	1	04/18/2022 05:10	WG1849914
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/18/2022 05:10	WG1849914
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/18/2022 05:10	WG1849914
Ethylbenzene	U		0.000137	0.00100	1	04/18/2022 05:10	WG1849914
Isopropylbenzene	U		0.000105	0.00100	1	04/18/2022 05:10	WG1849914
p-Isopropyltoluene	U		0.000120	0.00100	1	04/18/2022 05:10	WG1849914
2-Butanone (MEK)	U		0.00119	0.0100	1	04/18/2022 05:10	WG1849914
2-Hexanone	U		0.000787	0.0100	1	04/18/2022 05:10	WG1849914
Methylene Chloride	U		0.000430	0.00500	1	04/18/2022 05:10	WG1849914
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/18/2022 05:10	WG1849914
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/18/2022 05:10	WG1849914
Naphthalene	U	J4	0.00100	0.00500	1	04/18/2022 05:10	WG1849914
n-Propylbenzene	U		0.0000993	0.00100	1	04/18/2022 05:10	WG1849914
Styrene	U		0.000118	0.00100	1	04/18/2022 05:10	WG1849914
tert-Butyl alcohol	U		0.00406	0.00500	1	04/18/2022 05:10	WG1849914
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/18/2022 05:10	WG1849914
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/18/2022 05:10	WG1849914
Tetrachloroethene	U		0.000300	0.00100	1	04/18/2022 05:10	WG1849914
Toluene	U		0.000278	0.00100	1	04/18/2022 05:10	WG1849914
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/18/2022 05:10	WG1849914
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/18/2022 05:10	WG1849914
Trichloroethene	U		0.000190	0.00100	1	04/18/2022 05:10	WG1849914
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/18/2022 05:10	WG1849914
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/18/2022 05:10	WG1849914
Vinyl chloride	U		0.000234	0.00100	1	04/18/2022 05:10	WG1849914
o-Xylene	U		0.000174	0.00100	1	04/18/2022 05:10	WG1849914
m&p-Xylene	U		0.000430	0.00200	1	04/18/2022 05:10	WG1849914
Xylenes, Total	U		0.000174	0.00300	1	04/18/2022 05:10	WG1849914
(S) Toluene-d8	*109*			*80.0-120*		*04/18/2022 05:10*	WG1849914
(S) 4-Bromofluorobenzene	*95.3*			*77.0-126*		*04/18/2022 05:10*	WG1849914
(S) 1,2-Dichloroethane-d4	*81.3*			*70.0-130*		*04/18/2022 05:10*	WG1849914

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	25300		200	1	04/19/2022 13:14	WG1850635

Wet Chemistry by Method 353.2

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	U		0.0500	0.100	1	04/21/2022 22:57	WG1851914

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	5220		37.9	100	100	04/20/2022 12:15	WG1851361
Fluoride	1.10		0.0640	0.150	1	04/20/2022 11:59	WG1851361
Sulfate	3430		59.4	500	100	04/20/2022 12:15	WG1851361

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00347		0.000180	0.00200	1	04/24/2022 22:46	WG1850334
Arsenic,Dissolved	0.00356		0.000180	0.00200	1	04/25/2022 02:24	WG1850299
Barium	0.0451		0.000381	0.00200	1	04/24/2022 22:46	WG1850334
Barium,Dissolved	0.0309		0.000381	0.00200	1	04/25/2022 02:24	WG1850299
Calcium	1250		0.468	5.00	5	04/25/2022 16:20	WG1850334
Chromium	U		0.00124	0.00200	1	04/24/2022 22:46	WG1850334
Chromium,Dissolved	U		0.00124	0.00200	1	04/25/2022 02:24	WG1850299
Iron	U		0.0281	0.100	1	04/24/2022 22:46	WG1850334
Iron,Dissolved	U		0.0281	0.100	1	04/25/2022 02:24	WG1850299
Lead	U		0.000849	0.00200	1	04/24/2022 22:46	WG1850334
Lead,Dissolved	U		0.000849	0.00200	1	04/25/2022 02:24	WG1850299
Manganese	2.51		0.000704	0.00500	1	04/24/2022 22:46	WG1850334
Manganese,Dissolved	0.870		0.000704	0.00500	1	04/25/2022 02:24	WG1850299
Potassium	7.69		0.108	2.00	1	04/24/2022 22:46	WG1850334
Selenium	0.000351	J	0.000300	0.00200	1	04/24/2022 22:46	WG1850334
Selenium,Dissolved	U		0.000300	0.00200	1	04/25/2022 02:24	WG1850299
Sodium	2480		1.88	10.0	5	04/25/2022 16:20	WG1850334

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/18/2022 09:20	WG1849914
Benzene	U		0.0000941	0.00100	1	04/18/2022 09:20	WG1849914
Bromodichloromethane	U		0.000136	0.00100	1	04/18/2022 09:20	WG1849914
Bromoform	U		0.000129	0.00100	1	04/18/2022 09:20	WG1849914
Bromomethane	U		0.000605	0.00500	1	04/18/2022 09:20	WG1849914
n-Butylbenzene	U		0.000157	0.00100	1	04/18/2022 09:20	WG1849914
sec-Butylbenzene	U		0.000125	0.00100	1	04/18/2022 09:20	WG1849914
Carbon disulfide	U		0.0000962	0.00100	1	04/18/2022 09:20	WG1849914
Carbon tetrachloride	U		0.000128	0.00100	1	04/18/2022 09:20	WG1849914
Chlorobenzene	U		0.000116	0.00100	1	04/18/2022 09:20	WG1849914
Chlorodibromomethane	U		0.000140	0.00100	1	04/18/2022 09:20	WG1849914
Chloroethane	U		0.000192	0.00500	1	04/18/2022 09:20	WG1849914
Chloroform	U		0.000111	0.00500	1	04/18/2022 09:20	WG1849914
Chloromethane	U		0.000960	0.00250	1	04/18/2022 09:20	WG1849914
1,2-Dibromoethane	U		0.000126	0.00100	1	04/18/2022 09:20	WG1849914
1,1-Dichloroethane	U		0.000100	0.00100	1	04/18/2022 09:20	WG1849914

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/18/2022 09:20	WG1849914
1,1-Dichloroethene	U		0.000188	0.00100	1	04/18/2022 09:20	WG1849914
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/18/2022 09:20	WG1849914
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/18/2022 09:20	WG1849914
1,2-Dichloropropane	U		0.000149	0.00100	1	04/18/2022 09:20	WG1849914
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/18/2022 09:20	WG1849914
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/18/2022 09:20	WG1849914
Ethylbenzene	U		0.000137	0.00100	1	04/18/2022 09:20	WG1849914
Isopropylbenzene	U		0.000105	0.00100	1	04/18/2022 09:20	WG1849914
p-Isopropyltoluene	U		0.000120	0.00100	1	04/18/2022 09:20	WG1849914
2-Butanone (MEK)	U		0.00119	0.0100	1	04/18/2022 09:20	WG1849914
2-Hexanone	U		0.000787	0.0100	1	04/18/2022 09:20	WG1849914
Methylene Chloride	U		0.000430	0.00500	1	04/18/2022 09:20	WG1849914
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/18/2022 09:20	WG1849914
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/18/2022 09:20	WG1849914
Naphthalene	U	J4	0.00100	0.00500	1	04/18/2022 09:20	WG1849914
n-Propylbenzene	U		0.0000993	0.00100	1	04/18/2022 09:20	WG1849914
Styrene	U		0.000118	0.00100	1	04/18/2022 09:20	WG1849914
tert-Butyl alcohol	U		0.00406	0.00500	1	04/18/2022 09:20	WG1849914
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/18/2022 09:20	WG1849914
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/18/2022 09:20	WG1849914
Tetrachloroethene	U		0.000300	0.00100	1	04/18/2022 09:20	WG1849914
Toluene	U		0.000278	0.00100	1	04/18/2022 09:20	WG1849914
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/18/2022 09:20	WG1849914
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/18/2022 09:20	WG1849914
Trichloroethene	U		0.000190	0.00100	1	04/18/2022 09:20	WG1849914
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/18/2022 09:20	WG1849914
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/18/2022 09:20	WG1849914
Vinyl chloride	U		0.000234	0.00100	1	04/18/2022 09:20	WG1849914
o-Xylene	U		0.000174	0.00100	1	04/18/2022 09:20	WG1849914
m&p-Xylene	U		0.000430	0.00200	1	04/18/2022 09:20	WG1849914
Xylenes, Total	U		0.000174	0.00300	1	04/18/2022 09:20	WG1849914
(S) Toluene-d8	*106*			*80.0-120*		*04/18/2022 09:20*	WG1849914
(S) 4-Bromofluorobenzene	*103*			*77.0-126*		*04/18/2022 09:20*	WG1849914
(S) 1,2-Dichloroethane-d4	*82.6*			*70.0-130*		*04/18/2022 09:20*	WG1849914

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.233		0.0247	0.100	1	04/27/2022 04:02	WG1853530
(S) o-Terphenyl	*86.8*			*31.0-160*		*04/27/2022 04:02*	WG1853530

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Dissolved Solids	4250		100	1	04/19/2022 13:14	WG1850635

Wet Chemistry by Method 353.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Nitrate-Nitrite	0.0763	J	0.0500	0.100	1	04/21/2022 23:01	WG1851914

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Chloride	1160		37.9	100	100	04/20/2022 12:48	WG1851361
Fluoride	0.835		0.0640	0.150	1	04/20/2022 12:31	WG1851361
Sulfate	1730		59.4	500	100	04/20/2022 12:48	WG1851361

Metals (ICPMS) by Method 6020

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Arsenic	0.00220		0.000180	0.00200	1	04/24/2022 22:50	WG1850334
Arsenic,Dissolved	0.00132	J	0.000180	0.00200	1	04/25/2022 02:27	WG1850299
Barium	0.0203		0.000381	0.00200	1	04/24/2022 22:50	WG1850334
Barium,Dissolved	0.0189		0.000381	0.00200	1	04/25/2022 02:27	WG1850299
Calcium	473		0.0936	1.00	1	04/24/2022 22:50	WG1850334
Chromium	U		0.00124	0.00200	1	04/24/2022 22:50	WG1850334
Chromium,Dissolved	U		0.00124	0.00200	1	04/25/2022 02:27	WG1850299
Iron	2.95		0.0281	0.100	1	04/24/2022 22:50	WG1850334
Iron,Dissolved	1.81		0.0281	0.100	1	04/25/2022 02:27	WG1850299
Lead	U		0.000849	0.00200	1	04/24/2022 22:50	WG1850334
Lead,Dissolved	U		0.000849	0.00200	1	04/25/2022 02:27	WG1850299
Manganese	1.26		0.000704	0.00500	1	04/24/2022 22:50	WG1850334
Manganese,Dissolved	1.23		0.000704	0.00500	1	04/25/2022 02:27	WG1850299
Potassium	3.80		0.108	2.00	1	04/24/2022 22:50	WG1850334
Selenium	U		0.000300	0.00200	1	04/24/2022 22:50	WG1850334
Selenium,Dissolved	U		0.000300	0.00200	1	04/25/2022 02:27	WG1850299
Sodium	662		0.376	2.00	1	04/24/2022 22:50	WG1850334

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Acetone	U		0.0113	0.0500	1	04/18/2022 09:41	WG1849914
Benzene	U		0.0000941	0.00100	1	04/18/2022 09:41	WG1849914
Bromodichloromethane	U		0.000136	0.00100	1	04/18/2022 09:41	WG1849914
Bromoform	U		0.000129	0.00100	1	04/18/2022 09:41	WG1849914
Bromomethane	U		0.000605	0.00500	1	04/18/2022 09:41	WG1849914
n-Butylbenzene	U		0.000157	0.00100	1	04/18/2022 09:41	WG1849914
sec-Butylbenzene	U		0.000125	0.00100	1	04/18/2022 09:41	WG1849914
Carbon disulfide	U		0.0000962	0.00100	1	04/18/2022 09:41	WG1849914
Carbon tetrachloride	U		0.000128	0.00100	1	04/18/2022 09:41	WG1849914
Chlorobenzene	U		0.000116	0.00100	1	04/18/2022 09:41	WG1849914
Chlorodibromomethane	U		0.000140	0.00100	1	04/18/2022 09:41	WG1849914
Chloroethane	U		0.000192	0.00500	1	04/18/2022 09:41	WG1849914
Chloroform	U		0.000111	0.00500	1	04/18/2022 09:41	WG1849914
Chloromethane	U		0.000960	0.00250	1	04/18/2022 09:41	WG1849914
1,2-Dibromoethane	U		0.000126	0.00100	1	04/18/2022 09:41	WG1849914
1,1-Dichloroethane	U		0.000100	0.00100	1	04/18/2022 09:41	WG1849914

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/18/2022 09:41	WG1849914
1,1-Dichloroethene	U		0.000188	0.00100	1	04/18/2022 09:41	WG1849914
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/18/2022 09:41	WG1849914
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/18/2022 09:41	WG1849914
1,2-Dichloropropane	U		0.000149	0.00100	1	04/18/2022 09:41	WG1849914
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/18/2022 09:41	WG1849914
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/18/2022 09:41	WG1849914
Ethylbenzene	U		0.000137	0.00100	1	04/18/2022 09:41	WG1849914
Isopropylbenzene	U		0.000105	0.00100	1	04/18/2022 09:41	WG1849914
p-Isopropyltoluene	U		0.000120	0.00100	1	04/18/2022 09:41	WG1849914
2-Butanone (MEK)	U		0.00119	0.0100	1	04/18/2022 09:41	WG1849914
2-Hexanone	U		0.000787	0.0100	1	04/18/2022 09:41	WG1849914
Methylene Chloride	U		0.000430	0.00500	1	04/18/2022 09:41	WG1849914
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/18/2022 09:41	WG1849914
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/18/2022 09:41	WG1849914
Naphthalene	U	J4	0.00100	0.00500	1	04/18/2022 09:41	WG1849914
n-Propylbenzene	U		0.0000993	0.00100	1	04/18/2022 09:41	WG1849914
Styrene	U		0.000118	0.00100	1	04/18/2022 09:41	WG1849914
tert-Butyl alcohol	U		0.00406	0.00500	1	04/18/2022 09:41	WG1849914
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/18/2022 09:41	WG1849914
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/18/2022 09:41	WG1849914
Tetrachloroethene	U		0.000300	0.00100	1	04/18/2022 09:41	WG1849914
Toluene	U		0.000278	0.00100	1	04/18/2022 09:41	WG1849914
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/18/2022 09:41	WG1849914
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/18/2022 09:41	WG1849914
Trichloroethene	U		0.000190	0.00100	1	04/18/2022 09:41	WG1849914
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/18/2022 09:41	WG1849914
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/18/2022 09:41	WG1849914
Vinyl chloride	U		0.000234	0.00100	1	04/18/2022 09:41	WG1849914
o-Xylene	U		0.000174	0.00100	1	04/18/2022 09:41	WG1849914
m&p-Xylene	U		0.000430	0.00200	1	04/18/2022 09:41	WG1849914
Xylenes, Total	U		0.000174	0.00300	1	04/18/2022 09:41	WG1849914
(S) Toluene-d8	*107*			*80.0-120*		*04/18/2022 09:41*	WG1849914
(S) 4-Bromofluorobenzene	*97.8*			*77.0-126*		*04/18/2022 09:41*	WG1849914
(S) 1,2-Dichloroethane-d4	*80.5*			*70.0-130*		*04/18/2022 09:41*	WG1849914

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.0957	J	0.0247	0.100	1	04/27/2022 03:41	WG1853530
(S) o-Terphenyl	*76.3*			*31.0-160*		*04/27/2022 03:41*	WG1853530

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Dissolved Solids	5410		100	1	04/19/2022 13:14	WG1850635

Wet Chemistry by Method 353.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Nitrate-Nitrite	2.91		0.0500	0.100	1	04/21/2022 23:03	WG1851914

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Chloride	1500		37.9	100	100	04/20/2022 13:21	WG1851361
Fluoride	3.53		0.0640	0.150	1	04/20/2022 13:04	WG1851361
Sulfate	2190		59.4	500	100	04/20/2022 13:21	WG1851361

Metals (ICPMS) by Method 6020

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Arsenic	0.0249		0.000180	0.00200	1	04/24/2022 22:53	WG1850334
Arsenic,Dissolved	0.0234		0.000180	0.00200	1	04/25/2022 02:31	WG1850299
Barium	0.0149		0.000381	0.00200	1	04/24/2022 22:53	WG1850334
Barium,Dissolved	0.0150		0.000381	0.00200	1	04/25/2022 02:31	WG1850299
Calcium	650		0.0936	1.00	1	04/24/2022 22:53	WG1850334
Chromium	U		0.00124	0.00200	1	04/24/2022 22:53	WG1850334
Chromium,Dissolved	U		0.00124	0.00200	1	04/25/2022 02:31	WG1850299
Iron	U		0.0281	0.100	1	04/24/2022 22:53	WG1850334
Iron,Dissolved	U		0.0281	0.100	1	04/25/2022 02:31	WG1850299
Lead	U		0.000849	0.00200	1	04/24/2022 22:53	WG1850334
Lead,Dissolved	U		0.000849	0.00200	1	04/25/2022 02:31	WG1850299
Manganese	0.0627		0.000704	0.00500	1	04/24/2022 22:53	WG1850334
Manganese,Dissolved	0.0321		0.000704	0.00500	1	04/25/2022 02:31	WG1850299
Potassium	6.09		0.108	2.00	1	04/24/2022 22:53	WG1850334
Selenium	0.000468	J	0.000300	0.00200	1	04/24/2022 22:53	WG1850334
Selenium,Dissolved	0.000731	J	0.000300	0.00200	1	04/25/2022 02:31	WG1850299
Sodium	841		0.376	2.00	1	04/24/2022 22:53	WG1850334

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
TPH (GC/FID) Low Fraction	0.0437	J	0.0314	0.100	1	04/21/2022 02:33	WG1850530
(S) a,a,a-Trifluorotoluene(FID)	*110*			*78.0-120*		*04/21/2022 02:33*	WG1850530

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Acetone	U		0.0113	0.0500	1	04/18/2022 10:02	WG1849914
Benzene	U		0.0000941	0.00100	1	04/18/2022 10:02	WG1849914
Bromodichloromethane	U		0.000136	0.00100	1	04/18/2022 10:02	WG1849914
Bromoform	U		0.000129	0.00100	1	04/18/2022 10:02	WG1849914
Bromomethane	U		0.000605	0.00500	1	04/18/2022 10:02	WG1849914
n-Butylbenzene	U		0.000157	0.00100	1	04/18/2022 10:02	WG1849914
sec-Butylbenzene	U		0.000125	0.00100	1	04/18/2022 10:02	WG1849914
Carbon disulfide	U		0.0000962	0.00100	1	04/18/2022 10:02	WG1849914
Carbon tetrachloride	U		0.000128	0.00100	1	04/18/2022 10:02	WG1849914

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chlorobenzene	U		0.000116	0.00100	1	04/18/2022 10:02	WG1849914
Chlorodibromomethane	U		0.000140	0.00100	1	04/18/2022 10:02	WG1849914
Chloroethane	U		0.000192	0.00500	1	04/18/2022 10:02	WG1849914
Chloroform	U		0.000111	0.00500	1	04/18/2022 10:02	WG1849914
Chloromethane	U		0.000960	0.00250	1	04/18/2022 10:02	WG1849914
1,2-Dibromoethane	U		0.000126	0.00100	1	04/18/2022 10:02	WG1849914
1,1-Dichloroethane	U		0.000100	0.00100	1	04/18/2022 10:02	WG1849914
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/18/2022 10:02	WG1849914
1,1-Dichloroethene	U		0.000188	0.00100	1	04/18/2022 10:02	WG1849914
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/18/2022 10:02	WG1849914
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/18/2022 10:02	WG1849914
1,2-Dichloropropane	U		0.000149	0.00100	1	04/18/2022 10:02	WG1849914
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/18/2022 10:02	WG1849914
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/18/2022 10:02	WG1849914
Ethylbenzene	U		0.000137	0.00100	1	04/18/2022 10:02	WG1849914
Isopropylbenzene	U		0.000105	0.00100	1	04/18/2022 10:02	WG1849914
p-Isopropyltoluene	U		0.000120	0.00100	1	04/18/2022 10:02	WG1849914
2-Butanone (MEK)	U		0.00119	0.0100	1	04/18/2022 10:02	WG1849914
2-Hexanone	U		0.000787	0.0100	1	04/18/2022 10:02	WG1849914
Methylene Chloride	U		0.000430	0.00500	1	04/18/2022 10:02	WG1849914
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/18/2022 10:02	WG1849914
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/18/2022 10:02	WG1849914
Naphthalene	U	J4	0.00100	0.00500	1	04/18/2022 10:02	WG1849914
n-Propylbenzene	U		0.0000993	0.00100	1	04/18/2022 10:02	WG1849914
Styrene	U		0.000118	0.00100	1	04/18/2022 10:02	WG1849914
tert-Butyl alcohol	U		0.00406	0.00500	1	04/18/2022 10:02	WG1849914
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/18/2022 10:02	WG1849914
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/18/2022 10:02	WG1849914
Tetrachloroethene	U		0.000300	0.00100	1	04/18/2022 10:02	WG1849914
Toluene	U		0.000278	0.00100	1	04/18/2022 10:02	WG1849914
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/18/2022 10:02	WG1849914
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/18/2022 10:02	WG1849914
Trichloroethene	U		0.000190	0.00100	1	04/18/2022 10:02	WG1849914
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/18/2022 10:02	WG1849914
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/18/2022 10:02	WG1849914
Vinyl chloride	U		0.000234	0.00100	1	04/18/2022 10:02	WG1849914
o-Xylene	U		0.000174	0.00100	1	04/18/2022 10:02	WG1849914
m&p-Xylene	U		0.000430	0.00200	1	04/18/2022 10:02	WG1849914
Xylenes, Total	U		0.000174	0.00300	1	04/18/2022 10:02	WG1849914
(S) Toluene-d8	*107*			*80.0-120*		*04/18/2022 10:02*	WG1849914
(S) 4-Bromofluorobenzene	*102*			*77.0-126*		*04/18/2022 10:02*	WG1849914
(S) 1,2-Dichloroethane-d4	*80.6*			*70.0-130*		*04/18/2022 10:02*	WG1849914

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.719		0.0247	0.100	1	04/27/2022 04:22	WG1853530
(S) o-Terphenyl	*93.2*			*31.0-160*		*04/27/2022 04:22*	WG1853530

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	2450		50.0	1	04/19/2022 13:14	WG1850635

Wet Chemistry by Method 353.2

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	19.2		1.00	2.00	20	04/21/2022 23:04	WG1851914

Wet Chemistry by Method 4500CN E-2011

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Cyanide	U		0.00180	0.00500	1	04/25/2022 15:09	WG1852103

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	176		37.9	100	100	04/20/2022 13:54	WG1851361
Fluoride	1.81		0.0640	0.150	1	04/20/2022 13:37	WG1851361
Sulfate	994		59.4	500	100	04/20/2022 13:54	WG1851361

Mercury by Method 7470A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Mercury	U		0.000100	0.000200	1	04/28/2022 11:47	WG1850019
Mercury,Dissolved	U		0.000100	0.000200	1	04/27/2022 12:43	WG1850025

Metals (ICP) by Method 6010B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Boron	0.762		0.0200	0.200	1	04/20/2022 16:07	WG1851270
Boron,Dissolved	0.771		0.0200	0.200	1	04/26/2022 23:33	WG1851304

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00384		0.000180	0.00200	1	04/24/2022 22:56	WG1850334
Arsenic,Dissolved	0.00365		0.000180	0.00200	1	04/25/2022 02:34	WG1850299
Barium	0.0113		0.000381	0.00200	1	04/24/2022 22:56	WG1850334
Barium,Dissolved	0.0110		0.000381	0.00200	1	04/25/2022 02:34	WG1850299
Cadmium	U		0.000150	0.00100	1	04/24/2022 22:56	WG1850334
Cadmium,Dissolved	U		0.000150	0.00100	1	04/25/2022 02:34	WG1850299
Calcium	187		0.0936	1.00	1	04/24/2022 22:56	WG1850334
Chromium	U		0.00124	0.00200	1	04/24/2022 22:56	WG1850334
Chromium,Dissolved	U		0.00124	0.00200	1	04/25/2022 02:34	WG1850299
Cobalt	0.000818	J	0.0000596	0.00200	1	04/24/2022 22:56	WG1850334
Cobalt,Dissolved	0.000885	J	0.0000596	0.00200	1	04/25/2022 02:34	WG1850299
Iron	U		0.0281	0.100	1	04/24/2022 22:56	WG1850334
Iron,Dissolved	U		0.0281	0.100	1	04/25/2022 02:34	WG1850299
Lead	U		0.000849	0.00200	1	04/24/2022 22:56	WG1850334
Lead,Dissolved	U		0.000849	0.00200	1	04/25/2022 02:34	WG1850299
Manganese	0.0673		0.000704	0.00500	1	04/24/2022 22:56	WG1850334
Manganese,Dissolved	0.0703		0.000704	0.00500	1	04/25/2022 02:34	WG1850299
Nickel	0.0446		0.000816	0.00200	1	04/25/2022 16:24	WG1850334
Nickel,Dissolved	0.0444		0.000816	0.00200	1	04/25/2022 18:12	WG1850299

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Potassium	0.373	J	0.108	2.00	1	04/24/2022 22:56	WG1850334
Selenium	0.00355		0.000300	0.00200	1	04/24/2022 22:56	WG1850334
Selenium,Dissolved	0.00316		0.000300	0.00200	1	04/25/2022 02:34	WG1850299
Sodium	309		0.376	2.00	1	04/24/2022 22:56	WG1850334
Uranium	0.00937		0.0000789	0.00100	1	04/24/2022 22:56	WG1850334
Uranium,Dissolved	0.00941		0.0000789	0.00100	1	04/25/2022 02:34	WG1850299
Vanadium	0.0266		0.000664	0.00500	1	04/24/2022 22:56	WG1850334
Vanadium,Dissolved	0.0280		0.000664	0.00500	1	04/25/2022 02:34	WG1850299

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	U		0.0314	0.100	1	04/21/2022 02:55	WG1850530
(S) a,a,a-Trifluorotoluene(FID)	*109*			*78.0-120*		*04/21/2022 02:55*	WG1850530

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/18/2022 10:23	WG1849914
Benzene	U		0.0000941	0.00100	1	04/18/2022 10:23	WG1849914
Bromodichloromethane	U		0.000136	0.00100	1	04/18/2022 10:23	WG1849914
Bromoform	U		0.000129	0.00100	1	04/18/2022 10:23	WG1849914
Bromomethane	U		0.000605	0.00500	1	04/18/2022 10:23	WG1849914
n-Butylbenzene	U		0.000157	0.00100	1	04/18/2022 10:23	WG1849914
sec-Butylbenzene	U		0.000125	0.00100	1	04/18/2022 10:23	WG1849914
Carbon disulfide	U		0.0000962	0.00100	1	04/18/2022 10:23	WG1849914
Carbon tetrachloride	U		0.000128	0.00100	1	04/18/2022 10:23	WG1849914
Chlorobenzene	U		0.000116	0.00100	1	04/18/2022 10:23	WG1849914
Chlorodibromomethane	U		0.000140	0.00100	1	04/18/2022 10:23	WG1849914
Chloroethane	U		0.000192	0.00500	1	04/18/2022 10:23	WG1849914
Chloroform	U		0.000111	0.00500	1	04/18/2022 10:23	WG1849914
Chloromethane	U		0.000960	0.00250	1	04/18/2022 10:23	WG1849914
1,2-Dibromoethane	U		0.000126	0.00100	1	04/18/2022 10:23	WG1849914
1,1-Dichloroethane	U		0.000100	0.00100	1	04/18/2022 10:23	WG1849914
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/18/2022 10:23	WG1849914
1,1-Dichloroethene	U		0.000188	0.00100	1	04/18/2022 10:23	WG1849914
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/18/2022 10:23	WG1849914
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/18/2022 10:23	WG1849914
1,2-Dichloropropane	U		0.000149	0.00100	1	04/18/2022 10:23	WG1849914
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/18/2022 10:23	WG1849914
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/18/2022 10:23	WG1849914
Ethylbenzene	U		0.000137	0.00100	1	04/18/2022 10:23	WG1849914
Isopropylbenzene	U		0.000105	0.00100	1	04/18/2022 10:23	WG1849914
p-Isopropyltoluene	U		0.000120	0.00100	1	04/18/2022 10:23	WG1849914
2-Butanone (MEK)	U		0.00119	0.0100	1	04/18/2022 10:23	WG1849914
2-Hexanone	U		0.000787	0.0100	1	04/18/2022 10:23	WG1849914
Methylene Chloride	U		0.000430	0.00500	1	04/18/2022 10:23	WG1849914
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/18/2022 10:23	WG1849914
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/18/2022 10:23	WG1849914
Naphthalene	U	J4	0.00100	0.00500	1	04/18/2022 10:23	WG1849914
n-Propylbenzene	U		0.0000993	0.00100	1	04/18/2022 10:23	WG1849914
Styrene	U		0.000118	0.00100	1	04/18/2022 10:23	WG1849914
tert-Butyl alcohol	U		0.00406	0.00500	1	04/18/2022 10:23	WG1849914
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/18/2022 10:23	WG1849914
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/18/2022 10:23	WG1849914

MW-32
Collected date/time: 04/13/22 14:00
L1482988

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Tetrachloroethene	U		0.000300	0.00100	1	04/18/2022 10:23	WG1849914
Toluene	U		0.000278	0.00100	1	04/18/2022 10:23	WG1849914
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/18/2022 10:23	WG1849914
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/18/2022 10:23	WG1849914
Trichloroethene	U		0.000190	0.00100	1	04/18/2022 10:23	WG1849914
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/18/2022 10:23	WG1849914
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/18/2022 10:23	WG1849914
Vinyl chloride	U		0.000234	0.00100	1	04/18/2022 10:23	WG1849914
o-Xylene	U		0.000174	0.00100	1	04/18/2022 10:23	WG1849914
m&p-Xylene	U		0.000430	0.00200	1	04/18/2022 10:23	WG1849914
Xylenes, Total	U		0.000174	0.00300	1	04/18/2022 10:23	WG1849914
(S) Toluene-d8	*107*			*80.0-120*		*04/18/2022 10:23*	WG1849914
(S) 4-Bromofluorobenzene	*97.9*			*77.0-126*		*04/18/2022 10:23*	WG1849914
(S) 1,2-Dichloroethane-d4	*80.3*			*70.0-130*		*04/18/2022 10:23*	WG1849914

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.332		0.0247	0.100	1	04/26/2022 17:23	WG1853887
(S) o-Terphenyl	*108*			*31.0-160*		*04/26/2022 17:23*	WG1853887

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

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	1910		50.0	1	04/19/2022 13:14	WG1850635

Wet Chemistry by Method 353.2

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	U		1.00	2.00	20	04/21/2022 23:05	WG1851914

Sample Narrative:

L1482988-31 WG1851914: Dilution due to sulfide hit.

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	201		3.79	10.0	10	04/20/2022 14:26	WG1851361
Fluoride	1.96		0.0640	0.150	1	04/20/2022 14:10	WG1851361
Sulfate	276		5.94	50.0	10	04/20/2022 14:26	WG1851361

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00178	J	0.000180	0.00200	1	04/24/2022 22:59	WG1850334
Arsenic,Dissolved	0.00179	J	0.000180	0.00200	1	04/24/2022 18:00	WG1850302
Barium	0.0893		0.000381	0.00200	1	04/24/2022 22:59	WG1850334
Barium,Dissolved	0.0793		0.000381	0.00200	1	04/24/2022 18:00	WG1850302
Calcium	60.9		0.0936	1.00	1	04/24/2022 22:59	WG1850334
Chromium	U		0.00124	0.00200	1	04/24/2022 22:59	WG1850334
Chromium,Dissolved	0.00174	J	0.00124	0.00200	1	04/24/2022 18:00	WG1850302
Iron	U		0.0281	0.100	1	04/24/2022 22:59	WG1850334
Iron,Dissolved	0.0300	J	0.0281	0.100	1	04/24/2022 18:00	WG1850302
Lead	U		0.000849	0.00200	1	04/24/2022 22:59	WG1850334
Lead,Dissolved	0.00116	J	0.000849	0.00200	1	04/24/2022 18:00	WG1850302
Manganese	0.0494		0.000704	0.00500	1	04/24/2022 22:59	WG1850334
Manganese,Dissolved	0.0647		0.000704	0.00500	1	04/24/2022 18:00	WG1850302
Potassium	0.852	J	0.108	2.00	1	04/24/2022 22:59	WG1850334
Selenium	U		0.000300	0.00200	1	04/24/2022 22:59	WG1850334
Selenium,Dissolved	U		0.000300	0.00200	1	04/24/2022 18:00	WG1850302
Sodium	389		0.376	2.00	1	04/24/2022 22:59	WG1850334

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	3.31		0.0314	0.100	1	04/21/2022 03:17	WG1850530
(S) a,a,a-Trifluorotoluene(FID)	*84.6*			*78.0-120*		*04/21/2022 03:17*	WG1850530

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/18/2022 10:44	WG1849914
Benzene	1.55		0.00471	0.0500	50	04/19/2022 15:32	WG1850790
Bromodichloromethane	U		0.000136	0.00100	1	04/18/2022 10:44	WG1849914
Bromoform	U		0.000129	0.00100	1	04/18/2022 10:44	WG1849914
Bromomethane	U		0.000605	0.00500	1	04/18/2022 10:44	WG1849914
n-Butylbenzene	0.00291		0.000157	0.00100	1	04/18/2022 10:44	WG1849914

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
sec-Butylbenzene	0.00843		0.000125	0.00100	1	04/18/2022 10:44	WG1849914
Carbon disulfide	0.000655	J	0.0000962	0.00100	1	04/18/2022 10:44	WG1849914
Carbon tetrachloride	U		0.000128	0.00100	1	04/18/2022 10:44	WG1849914
Chlorobenzene	U		0.000116	0.00100	1	04/18/2022 10:44	WG1849914
Chlorodibromomethane	U		0.000140	0.00100	1	04/18/2022 10:44	WG1849914
Chloroethane	U		0.000192	0.00500	1	04/18/2022 10:44	WG1849914
Chloroform	U		0.000111	0.00500	1	04/18/2022 10:44	WG1849914
Chloromethane	U		0.000960	0.00250	1	04/18/2022 10:44	WG1849914
1,2-Dibromoethane	U		0.000126	0.00100	1	04/18/2022 10:44	WG1849914
1,1-Dichloroethane	U		0.000100	0.00100	1	04/18/2022 10:44	WG1849914
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/18/2022 10:44	WG1849914
1,1-Dichloroethene	U		0.000188	0.00100	1	04/18/2022 10:44	WG1849914
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/18/2022 10:44	WG1849914
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/18/2022 10:44	WG1849914
1,2-Dichloropropane	U		0.000149	0.00100	1	04/18/2022 10:44	WG1849914
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/18/2022 10:44	WG1849914
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/18/2022 10:44	WG1849914
Ethylbenzene	0.00711		0.000137	0.00100	1	04/18/2022 10:44	WG1849914
Isopropylbenzene	0.0673		0.000105	0.00100	1	04/18/2022 10:44	WG1849914
p-Isopropyltoluene	0.000727	J	0.000120	0.00100	1	04/18/2022 10:44	WG1849914
2-Butanone (MEK)	U		0.00119	0.0100	1	04/18/2022 10:44	WG1849914
2-Hexanone	U		0.000787	0.0100	1	04/18/2022 10:44	WG1849914
Methylene Chloride	U		0.000430	0.00500	1	04/18/2022 10:44	WG1849914
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/18/2022 10:44	WG1849914
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/18/2022 10:44	WG1849914
Naphthalene	0.00103	J J4	0.00100	0.00500	1	04/18/2022 10:44	WG1849914
n-Propylbenzene	0.0682		0.0000993	0.00100	1	04/18/2022 10:44	WG1849914
Styrene	U		0.000118	0.00100	1	04/18/2022 10:44	WG1849914
tert-Butyl alcohol	0.0281		0.00406	0.00500	1	04/18/2022 10:44	WG1849914
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/18/2022 10:44	WG1849914
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/18/2022 10:44	WG1849914
Tetrachloroethene	U		0.000300	0.00100	1	04/18/2022 10:44	WG1849914
Toluene	0.0203		0.000278	0.00100	1	04/18/2022 10:44	WG1849914
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/18/2022 10:44	WG1849914
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/18/2022 10:44	WG1849914
Trichloroethene	U		0.000190	0.00100	1	04/18/2022 10:44	WG1849914
1,2,4-Trimethylbenzene	0.00292		0.000322	0.00100	1	04/18/2022 10:44	WG1849914
1,3,5-Trimethylbenzene	0.00130		0.000104	0.00100	1	04/18/2022 10:44	WG1849914
Vinyl chloride	U		0.000234	0.00100	1	04/18/2022 10:44	WG1849914
o-Xylene	0.000388	J	0.000174	0.00100	1	04/18/2022 10:44	WG1849914
m&p-Xylene	0.0173		0.000430	0.00200	1	04/18/2022 10:44	WG1849914
Xylenes, Total	0.0177		0.000174	0.00300	1	04/18/2022 10:44	WG1849914
(S) Toluene-d8	*104*			*80.0-120*		*04/18/2022 10:44*	WG1849914
(S) Toluene-d8	*109*			*80.0-120*		*04/19/2022 15:32*	WG1850790
(S) 4-Bromofluorobenzene	*103*			*77.0-126*		*04/18/2022 10:44*	WG1849914
(S) 4-Bromofluorobenzene	*98.8*			*77.0-126*		*04/19/2022 15:32*	WG1850790
(S) 1,2-Dichloroethane-d4	*76.5*			*70.0-130*		*04/18/2022 10:44*	WG1849914
(S) 1,2-Dichloroethane-d4	*81.1*			*70.0-130*		*04/19/2022 15:32*	WG1850790

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	2.47		0.0247	0.100	1	04/26/2022 17:49	WG1853887
(S) o-Terphenyl	*112*			*31.0-160*		*04/26/2022 17:49*	WG1853887

Semi Volatile Organic Compounds (GC/MS) by Method 8270 C-mod

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
1,4-Dioxane	U		0.0000447	0.000400	1	04/19/2022 05:32	WG1849821
(S) Nitrobenzene-d5	*77.9*			*10.0-120*		*04/19/2022 05:32*	WG1849821

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	1060		20.0	1	04/19/2022 13:14	WG1850635

Wet Chemistry by Method 353.2

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	U		0.0500	0.100	1	04/21/2022 23:10	WG1851914

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	76.1		0.379	1.00	1	04/20/2022 15:16	WG1851361
Fluoride	1.82		0.0640	0.150	1	04/20/2022 15:16	WG1851361
Sulfate	77.3		0.594	5.00	1	04/20/2022 15:16	WG1851361

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00429		0.000180	0.00200	1	04/24/2022 23:03	WG1850334
Arsenic,Dissolved	0.00189	J	0.000180	0.00200	1	04/24/2022 17:47	WG1850302
Barium	0.0615		0.000381	0.00200	1	04/24/2022 23:03	WG1850334
Barium,Dissolved	0.0610		0.000381	0.00200	1	04/24/2022 17:47	WG1850302
Calcium	66.3		0.0936	1.00	1	04/24/2022 23:03	WG1850334
Chromium	U		0.00124	0.00200	1	04/24/2022 23:03	WG1850334
Chromium,Dissolved	U		0.00124	0.00200	1	04/24/2022 17:47	WG1850302
Iron	0.414		0.0281	0.100	1	04/24/2022 23:03	WG1850334
Iron,Dissolved	0.0948	J	0.0281	0.100	1	04/24/2022 17:47	WG1850302
Lead	U		0.000849	0.00200	1	04/24/2022 23:03	WG1850334
Lead,Dissolved	0.000872	J	0.000849	0.00200	1	04/24/2022 17:47	WG1850302
Manganese	0.566		0.000704	0.00500	1	04/24/2022 23:03	WG1850334
Manganese,Dissolved	0.594		0.000704	0.00500	1	04/24/2022 17:47	WG1850302
Potassium	0.260	J	0.108	2.00	1	04/24/2022 23:03	WG1850334
Selenium	U		0.000300	0.00200	1	04/24/2022 23:03	WG1850334
Selenium,Dissolved	U		0.000300	0.00200	1	04/24/2022 17:47	WG1850302
Sodium	239		0.376	2.00	1	04/24/2022 23:03	WG1850334

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	1.89		0.0314	0.100	1	04/19/2022 20:09	WG1851115
(S) a,a,a-Trifluorotoluene(FID)	*89.6*			*78.0-120*		*04/19/2022 20:09*	WG1851115

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	0.0141	J	0.0113	0.0500	1	04/18/2022 11:06	WG1849914
Benzene	0.120		0.0000941	0.00100	1	04/18/2022 11:06	WG1849914
Bromodichloromethane	U		0.000136	0.00100	1	04/18/2022 11:06	WG1849914
Bromoform	U		0.000129	0.00100	1	04/18/2022 11:06	WG1849914
Bromomethane	U		0.000605	0.00500	1	04/18/2022 11:06	WG1849914
n-Butylbenzene	0.000515	J	0.000157	0.00100	1	04/18/2022 11:06	WG1849914
sec-Butylbenzene	0.00337		0.000125	0.00100	1	04/18/2022 11:06	WG1849914
Carbon disulfide	U		0.0000962	0.00100	1	04/18/2022 11:06	WG1849914
Carbon tetrachloride	U		0.000128	0.00100	1	04/18/2022 11:06	WG1849914

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chlorobenzene	U		0.000116	0.00100	1	04/18/2022 11:06	WG1849914
Chlorodibromomethane	U		0.000140	0.00100	1	04/18/2022 11:06	WG1849914
Chloroethane	U		0.000192	0.00500	1	04/18/2022 11:06	WG1849914
Chloroform	U		0.000111	0.00500	1	04/18/2022 11:06	WG1849914
Chloromethane	U		0.000960	0.00250	1	04/18/2022 11:06	WG1849914
1,2-Dibromoethane	U		0.000126	0.00100	1	04/18/2022 11:06	WG1849914
1,1-Dichloroethane	U		0.000100	0.00100	1	04/18/2022 11:06	WG1849914
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/18/2022 11:06	WG1849914
1,1-Dichloroethene	U		0.000188	0.00100	1	04/18/2022 11:06	WG1849914
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/18/2022 11:06	WG1849914
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/18/2022 11:06	WG1849914
1,2-Dichloropropane	U		0.000149	0.00100	1	04/18/2022 11:06	WG1849914
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/18/2022 11:06	WG1849914
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/18/2022 11:06	WG1849914
Ethylbenzene	0.0394		0.000137	0.00100	1	04/18/2022 11:06	WG1849914
Isopropylbenzene	0.0208		0.000105	0.00100	1	04/18/2022 11:06	WG1849914
p-Isopropyltoluene	0.000460	J	0.000120	0.00100	1	04/18/2022 11:06	WG1849914
2-Butanone (MEK)	U		0.00119	0.0100	1	04/18/2022 11:06	WG1849914
2-Hexanone	U		0.000787	0.0100	1	04/18/2022 11:06	WG1849914
Methylene Chloride	U		0.000430	0.00500	1	04/18/2022 11:06	WG1849914
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/18/2022 11:06	WG1849914
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/18/2022 11:06	WG1849914
Naphthalene	0.0200	J4	0.00100	0.00500	1	04/18/2022 11:06	WG1849914
n-Propylbenzene	0.0169		0.0000993	0.00100	1	04/18/2022 11:06	WG1849914
Styrene	U		0.000118	0.00100	1	04/18/2022 11:06	WG1849914
tert-Butyl alcohol	0.0168		0.00406	0.00500	1	04/18/2022 11:06	WG1849914
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/18/2022 11:06	WG1849914
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/18/2022 11:06	WG1849914
Tetrachloroethene	U		0.000300	0.00100	1	04/18/2022 11:06	WG1849914
Toluene	0.00337		0.000278	0.00100	1	04/18/2022 11:06	WG1849914
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/18/2022 11:06	WG1849914
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/18/2022 11:06	WG1849914
Trichloroethene	U		0.000190	0.00100	1	04/18/2022 11:06	WG1849914
1,2,4-Trimethylbenzene	0.0316		0.000322	0.00100	1	04/18/2022 11:06	WG1849914
1,3,5-Trimethylbenzene	0.00428		0.000104	0.00100	1	04/18/2022 11:06	WG1849914
Vinyl chloride	U		0.000234	0.00100	1	04/18/2022 11:06	WG1849914
o-Xylene	0.000570	J	0.000174	0.00100	1	04/18/2022 11:06	WG1849914
m&p-Xylene	0.0699		0.000430	0.00200	1	04/18/2022 11:06	WG1849914
Xylenes, Total	0.0705		0.000174	0.00300	1	04/18/2022 11:06	WG1849914
(S) Toluene-d8	*100*			*80.0-120*		*04/18/2022 11:06*	WG1849914
(S) 4-Bromofluorobenzene	*98.7*			*77.0-126*		*04/18/2022 11:06*	WG1849914
(S) 1,2-Dichloroethane-d4	*82.4*			*70.0-130*		*04/18/2022 11:06*	WG1849914

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	1.91		0.0247	0.100	1	04/26/2022 18:15	WG1853887
(S) o-Terphenyl	*134*			*31.0-160*		*04/26/2022 18:15*	WG1853887

Semi Volatile Organic Compounds (GC/MS) by Method 8270 C-mod

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,4-Dioxane	U		0.0000447	0.000400	1	04/19/2022 05:51	WG1849821
(S) Nitrobenzene-d5	*69.3*			*10.0-120*		*04/19/2022 05:51*	WG1849821

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Dissolved Solids	2320		50.0	1	04/19/2022 13:14	WG1850635

Wet Chemistry by Method 353.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Nitrate-Nitrite	U		0.0500	0.100	1	04/21/2022 23:11	WG1851914

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Chloride	188		7.58	20.0	20	04/20/2022 16:05	WG1851361
Fluoride	0.564		0.0640	0.150	1	04/20/2022 15:48	WG1851361
Sulfate	996		11.9	100	20	04/20/2022 16:05	WG1851361

Metals (ICPMS) by Method 6020

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Arsenic	0.000661	J	0.000180	0.00200	1	04/24/2022 23:19	WG1850334
Arsenic,Dissolved	0.000670	J	0.000180	0.00200	1	04/24/2022 18:04	WG1850302
Barium	0.0336		0.000381	0.00200	1	04/24/2022 23:19	WG1850334
Barium,Dissolved	0.0353		0.000381	0.00200	1	04/24/2022 18:04	WG1850302
Calcium	294		0.0936	1.00	1	04/24/2022 23:19	WG1850334
Chromium	U		0.00124	0.00200	1	04/24/2022 23:19	WG1850334
Chromium,Dissolved	U		0.00124	0.00200	1	04/24/2022 18:04	WG1850302
Iron	1.01		0.0281	0.100	1	04/24/2022 23:19	WG1850334
Iron,Dissolved	1.17		0.0281	0.100	1	04/24/2022 18:04	WG1850302
Lead	U		0.000849	0.00200	1	04/24/2022 23:19	WG1850334
Lead,Dissolved	U		0.000849	0.00200	1	04/24/2022 18:04	WG1850302
Manganese	1.19		0.000704	0.00500	1	04/24/2022 23:19	WG1850334
Manganese,Dissolved	1.41		0.000704	0.00500	1	04/24/2022 18:04	WG1850302
Potassium	0.562	J	0.108	2.00	1	04/24/2022 23:19	WG1850334
Selenium	U		0.000300	0.00200	1	04/24/2022 23:19	WG1850334
Selenium,Dissolved	U		0.000300	0.00200	1	04/24/2022 18:04	WG1850302
Sodium	154		0.376	2.00	1	04/24/2022 23:19	WG1850334

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
TPH (GC/FID) Low Fraction	1.30		0.0314	0.100	1	04/19/2022 20:31	WG1851115
(S) a,a,a-Trifluorotoluene(FID)	*99.1*			*78.0-120*		*04/19/2022 20:31*	WG1851115

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Acetone	U		0.0113	0.0500	1	04/18/2022 11:28	WG1849914
Benzene	0.0436		0.0000941	0.00100	1	04/18/2022 11:28	WG1849914
Bromodichloromethane	U		0.000136	0.00100	1	04/18/2022 11:28	WG1849914
Bromoform	U		0.000129	0.00100	1	04/18/2022 11:28	WG1849914
Bromomethane	U		0.000605	0.00500	1	04/18/2022 11:28	WG1849914
n-Butylbenzene	0.000267	J	0.000157	0.00100	1	04/18/2022 11:28	WG1849914
sec-Butylbenzene	0.00117		0.000125	0.00100	1	04/18/2022 11:28	WG1849914
Carbon disulfide	U		0.0000962	0.00100	1	04/18/2022 11:28	WG1849914
Carbon tetrachloride	U		0.000128	0.00100	1	04/18/2022 11:28	WG1849914

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chlorobenzene	U		0.000116	0.00100	1	04/18/2022 11:28	WG1849914
Chlorodibromomethane	U		0.000140	0.00100	1	04/18/2022 11:28	WG1849914
Chloroethane	U		0.000192	0.00500	1	04/18/2022 11:28	WG1849914
Chloroform	U		0.000111	0.00500	1	04/18/2022 11:28	WG1849914
Chloromethane	U		0.000960	0.00250	1	04/18/2022 11:28	WG1849914
1,2-Dibromoethane	U		0.000126	0.00100	1	04/18/2022 11:28	WG1849914
1,1-Dichloroethane	U		0.000100	0.00100	1	04/18/2022 11:28	WG1849914
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/18/2022 11:28	WG1849914
1,1-Dichloroethene	U		0.000188	0.00100	1	04/18/2022 11:28	WG1849914
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/18/2022 11:28	WG1849914
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/18/2022 11:28	WG1849914
1,2-Dichloropropane	U		0.000149	0.00100	1	04/18/2022 11:28	WG1849914
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/18/2022 11:28	WG1849914
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/18/2022 11:28	WG1849914
Ethylbenzene	0.0217		0.000137	0.00100	1	04/18/2022 11:28	WG1849914
Isopropylbenzene	0.00337		0.000105	0.00100	1	04/18/2022 11:28	WG1849914
p-Isopropyltoluene	0.000514	J	0.000120	0.00100	1	04/18/2022 11:28	WG1849914
2-Butanone (MEK)	U		0.00119	0.0100	1	04/18/2022 11:28	WG1849914
2-Hexanone	U		0.000787	0.0100	1	04/18/2022 11:28	WG1849914
Methylene Chloride	U		0.000430	0.00500	1	04/18/2022 11:28	WG1849914
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/18/2022 11:28	WG1849914
Methyl tert-butyl ether	0.0147		0.000101	0.00100	1	04/18/2022 11:28	WG1849914
Naphthalene	0.00192	J J4	0.00100	0.00500	1	04/18/2022 11:28	WG1849914
n-Propylbenzene	0.00414		0.0000993	0.00100	1	04/18/2022 11:28	WG1849914
Styrene	U		0.000118	0.00100	1	04/18/2022 11:28	WG1849914
tert-Butyl alcohol	U		0.00406	0.00500	1	04/18/2022 11:28	WG1849914
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/18/2022 11:28	WG1849914
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/18/2022 11:28	WG1849914
Tetrachloroethene	U		0.000300	0.00100	1	04/18/2022 11:28	WG1849914
Toluene	0.00128		0.000278	0.00100	1	04/18/2022 11:28	WG1849914
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/18/2022 11:28	WG1849914
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/18/2022 11:28	WG1849914
Trichloroethene	U		0.000190	0.00100	1	04/18/2022 11:28	WG1849914
1,2,4-Trimethylbenzene	0.0570		0.000322	0.00100	1	04/18/2022 11:28	WG1849914
1,3,5-Trimethylbenzene	0.000763	J	0.000104	0.00100	1	04/18/2022 11:28	WG1849914
Vinyl chloride	U		0.000234	0.00100	1	04/18/2022 11:28	WG1849914
o-Xylene	0.000466	J	0.000174	0.00100	1	04/18/2022 11:28	WG1849914
m&p-Xylene	0.0955		0.000430	0.00200	1	04/18/2022 11:28	WG1849914
Xylenes, Total	0.0960		0.000174	0.00300	1	04/18/2022 11:28	WG1849914
(S) Toluene-d8	*104*			*80.0-120*		*04/18/2022 11:28*	WG1849914
(S) 4-Bromofluorobenzene	*98.6*			*77.0-126*		*04/18/2022 11:28*	WG1849914
(S) 1,2-Dichloroethane-d4	*79.8*			*70.0-130*		*04/18/2022 11:28*	WG1849914

EDB / DBCP by Method 8011

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Ethylene Dibromide	U		0.00000547	0.0000204	1.02	04/19/2022 19:52	WG1850420

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.328		0.0247	0.100	1	04/27/2022 10:36	WG1853887
(S) o-Terphenyl	*109*			*31.0-160*		*04/27/2022 10:36*	WG1853887

MW-113
Collected date/time: 04/13/22 17:00
L1482988

Semi Volatile Organic Compounds (GC/MS) by Method 8270 C-mod

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
1,4-Dioxane	U		0.0000447	0.000400	1	04/19/2022 07:07	WG1849821
(S) Nitrobenzene-d5	*70.1*			*10.0-120*		*04/19/2022 07:07*	WG1849821

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	4470		50.0	1	04/19/2022 13:14	WG1850635

Wet Chemistry by Method 353.2

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	0.697		0.0500	0.100	1	04/21/2022 23:13	WG1851914

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	314		37.9	100	100	04/20/2022 16:38	WG1851361
Fluoride	1.11		0.0640	0.150	1	04/20/2022 16:21	WG1851361
Sulfate	2700		59.4	500	100	04/20/2022 16:38	WG1851361

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00350		0.000180	0.00200	1	04/24/2022 23:22	WG1850334
Arsenic,Dissolved	0.00367		0.000180	0.00200	1	04/24/2022 18:07	WG1850302
Barium	0.00866		0.000381	0.00200	1	04/24/2022 23:22	WG1850334
Barium,Dissolved	0.00894		0.000381	0.00200	1	04/24/2022 18:07	WG1850302
Calcium	488		0.0936	1.00	1	04/24/2022 23:22	WG1850334
Chromium	U		0.00124	0.00200	1	04/24/2022 23:22	WG1850334
Chromium,Dissolved	0.00178	J	0.00124	0.00200	1	04/24/2022 18:07	WG1850302
Iron	0.0424	J	0.0281	0.100	1	04/24/2022 23:22	WG1850334
Iron,Dissolved	U		0.0281	0.100	1	04/24/2022 18:07	WG1850302
Lead	U		0.000849	0.00200	1	04/24/2022 23:22	WG1850334
Lead,Dissolved	U		0.000849	0.00200	1	04/24/2022 18:07	WG1850302
Manganese	0.00706		0.000704	0.00500	1	04/24/2022 23:22	WG1850334
Manganese,Dissolved	0.00782		0.000704	0.00500	1	04/24/2022 18:07	WG1850302
Potassium	1.80	J	0.108	2.00	1	04/24/2022 23:22	WG1850334
Selenium	0.00416		0.000300	0.00200	1	04/24/2022 23:22	WG1850334
Selenium,Dissolved	0.00507		0.000300	0.00200	1	04/24/2022 18:07	WG1850302
Sodium	235		0.376	2.00	1	04/24/2022 23:22	WG1850334

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	U		0.0314	0.100	1	04/19/2022 20:52	WG1851115
(S) a,a,a-Trifluorotoluene(FID)	*110*			*78.0-120*		*04/19/2022 20:52*	WG1851115

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/18/2022 10:33	WG1849932
Benzene	U		0.0000941	0.00100	1	04/18/2022 10:33	WG1849932
Bromodichloromethane	U		0.000136	0.00100	1	04/18/2022 10:33	WG1849932
Bromoform	U		0.000129	0.00100	1	04/18/2022 10:33	WG1849932
Bromomethane	U		0.000605	0.00500	1	04/18/2022 10:33	WG1849932
n-Butylbenzene	U		0.000157	0.00100	1	04/18/2022 10:33	WG1849932
sec-Butylbenzene	U		0.000125	0.00100	1	04/18/2022 10:33	WG1849932
Carbon disulfide	0.000380	J	0.0000962	0.00100	1	04/18/2022 10:33	WG1849932
Carbon tetrachloride	U		0.000128	0.00100	1	04/18/2022 10:33	WG1849932

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chlorobenzene	U		0.000116	0.00100	1	04/18/2022 10:33	WG1849932
Chlorodibromomethane	U		0.000140	0.00100	1	04/18/2022 10:33	WG1849932
Chloroethane	U		0.000192	0.00500	1	04/18/2022 10:33	WG1849932
Chloroform	U		0.000111	0.00500	1	04/18/2022 10:33	WG1849932
Chloromethane	U		0.000960	0.00250	1	04/18/2022 10:33	WG1849932
1,2-Dibromoethane	U		0.000126	0.00100	1	04/18/2022 10:33	WG1849932
1,1-Dichloroethane	U		0.000100	0.00100	1	04/18/2022 10:33	WG1849932
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/18/2022 10:33	WG1849932
1,1-Dichloroethene	U		0.000188	0.00100	1	04/18/2022 10:33	WG1849932
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/18/2022 10:33	WG1849932
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/18/2022 10:33	WG1849932
1,2-Dichloropropane	U		0.000149	0.00100	1	04/18/2022 10:33	WG1849932
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/18/2022 10:33	WG1849932
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/18/2022 10:33	WG1849932
Ethylbenzene	U		0.000137	0.00100	1	04/18/2022 10:33	WG1849932
Isopropylbenzene	U		0.000105	0.00100	1	04/18/2022 10:33	WG1849932
p-Isopropyltoluene	U		0.000120	0.00100	1	04/18/2022 10:33	WG1849932
2-Butanone (MEK)	U		0.00119	0.0100	1	04/18/2022 10:33	WG1849932
2-Hexanone	U		0.000787	0.0100	1	04/18/2022 10:33	WG1849932
Methylene Chloride	U		0.000430	0.00500	1	04/18/2022 10:33	WG1849932
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/18/2022 10:33	WG1849932
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/18/2022 10:33	WG1849932
Naphthalene	U		0.00100	0.00500	1	04/18/2022 10:33	WG1849932
n-Propylbenzene	U		0.0000993	0.00100	1	04/18/2022 10:33	WG1849932
Styrene	U		0.000118	0.00100	1	04/18/2022 10:33	WG1849932
tert-Butyl alcohol	U		0.00406	0.00500	1	04/18/2022 10:33	WG1849932
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/18/2022 10:33	WG1849932
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/18/2022 10:33	WG1849932
Tetrachloroethene	U		0.000300	0.00100	1	04/18/2022 10:33	WG1849932
Toluene	U		0.000278	0.00100	1	04/18/2022 10:33	WG1849932
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/18/2022 10:33	WG1849932
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/18/2022 10:33	WG1849932
Trichloroethene	U		0.000190	0.00100	1	04/18/2022 10:33	WG1849932
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/18/2022 10:33	WG1849932
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/18/2022 10:33	WG1849932
Vinyl chloride	U		0.000234	0.00100	1	04/18/2022 10:33	WG1849932
o-Xylene	U		0.000174	0.00100	1	04/18/2022 10:33	WG1849932
m&p-Xylene	U		0.000430	0.00200	1	04/18/2022 10:33	WG1849932
Xylenes, Total	U		0.000174	0.00300	1	04/18/2022 10:33	WG1849932
(S) Toluene-d8	*107*			*80.0-120*		*04/18/2022 10:33*	WG1849932
(S) 4-Bromofluorobenzene	*106*			*77.0-126*		*04/18/2022 10:33*	WG1849932
(S) 1,2-Dichloroethane-d4	*103*			*70.0-130*		*04/18/2022 10:33*	WG1849932

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.0989	J	0.0247	0.100	1	04/27/2022 12:47	WG1853887
(S) o-Terphenyl	*93.7*			*31.0-160*		*04/27/2022 12:47*	WG1853887

Semi Volatile Organic Compounds (GC/MS) by Method 8270 C-mod

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,4-Dioxane	U		0.0000447	0.000400	1	04/20/2022 20:09	WG1849822
(S) Nitrobenzene-d5	*73.7*			*10.0-120*		*04/20/2022 20:09*	WG1849822

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	1330		20.0	1	04/19/2022 13:14	WG1850635

Wet Chemistry by Method 353.2

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	0.811		0.0500	0.100	1	04/21/2022 23:14	WG1851914

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	65.3		0.379	1.00	1	04/20/2022 16:54	WG1851361
Fluoride	0.386		0.0640	0.150	1	04/20/2022 16:54	WG1851361
Sulfate	781		11.9	100	20	04/20/2022 17:20	WG1851361

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Calcium	236		0.0936	1.00	1	04/24/2022 23:25	WG1850334
Potassium	2.04		0.108	2.00	1	04/24/2022 23:25	WG1850334
Sodium	41.2		0.376	2.00	1	04/24/2022 23:25	WG1850334

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/18/2022 10:53	WG1849932
Benzene	U		0.0000941	0.00100	1	04/18/2022 10:53	WG1849932
Bromodichloromethane	U		0.000136	0.00100	1	04/18/2022 10:53	WG1849932
Bromoform	U		0.000129	0.00100	1	04/18/2022 10:53	WG1849932
Bromomethane	U		0.000605	0.00500	1	04/18/2022 10:53	WG1849932
n-Butylbenzene	U		0.000157	0.00100	1	04/18/2022 10:53	WG1849932
sec-Butylbenzene	U		0.000125	0.00100	1	04/18/2022 10:53	WG1849932
Carbon disulfide	0.000347	J	0.0000962	0.00100	1	04/18/2022 10:53	WG1849932
Carbon tetrachloride	U		0.000128	0.00100	1	04/18/2022 10:53	WG1849932
Chlorobenzene	U		0.000116	0.00100	1	04/18/2022 10:53	WG1849932
Chlorodibromomethane	U		0.000140	0.00100	1	04/18/2022 10:53	WG1849932
Chloroethane	U		0.000192	0.00500	1	04/18/2022 10:53	WG1849932
Chloroform	U		0.000111	0.00500	1	04/18/2022 10:53	WG1849932
Chloromethane	U		0.000960	0.00250	1	04/18/2022 10:53	WG1849932
1,2-Dibromoethane	U		0.000126	0.00100	1	04/18/2022 10:53	WG1849932
1,1-Dichloroethane	U		0.000100	0.00100	1	04/18/2022 10:53	WG1849932
1,2-Dichloroethane	0.000128	J	0.0000819	0.00100	1	04/18/2022 10:53	WG1849932
1,1-Dichloroethene	U		0.000188	0.00100	1	04/18/2022 10:53	WG1849932
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/18/2022 10:53	WG1849932
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/18/2022 10:53	WG1849932
1,2-Dichloropropane	U		0.000149	0.00100	1	04/18/2022 10:53	WG1849932
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/18/2022 10:53	WG1849932
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/18/2022 10:53	WG1849932
Ethylbenzene	U		0.000137	0.00100	1	04/18/2022 10:53	WG1849932
Isopropylbenzene	U		0.000105	0.00100	1	04/18/2022 10:53	WG1849932
p-Isopropyltoluene	U		0.000120	0.00100	1	04/18/2022 10:53	WG1849932
2-Butanone (MEK)	U		0.00119	0.0100	1	04/18/2022 10:53	WG1849932
2-Hexanone	U		0.000787	0.0100	1	04/18/2022 10:53	WG1849932
Methylene Chloride	U		0.000430	0.00500	1	04/18/2022 10:53	WG1849932
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/18/2022 10:53	WG1849932

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Methyl tert-butyl ether	0.000397	J	0.000101	0.00100	1	04/18/2022 10:53	WG1849932
Naphthalene	U		0.00100	0.00500	1	04/18/2022 10:53	WG1849932
n-Propylbenzene	U		0.0000993	0.00100	1	04/18/2022 10:53	WG1849932
Styrene	U		0.000118	0.00100	1	04/18/2022 10:53	WG1849932
tert-Butyl alcohol	U		0.00406	0.00500	1	04/18/2022 10:53	WG1849932
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/18/2022 10:53	WG1849932
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/18/2022 10:53	WG1849932
Tetrachloroethene	U		0.000300	0.00100	1	04/18/2022 10:53	WG1849932
Toluene	U		0.000278	0.00100	1	04/18/2022 10:53	WG1849932
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/18/2022 10:53	WG1849932
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/18/2022 10:53	WG1849932
Trichloroethene	U		0.000190	0.00100	1	04/18/2022 10:53	WG1849932
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/18/2022 10:53	WG1849932
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/18/2022 10:53	WG1849932
Vinyl chloride	U		0.000234	0.00100	1	04/18/2022 10:53	WG1849932
o-Xylene	U		0.000174	0.00100	1	04/18/2022 10:53	WG1849932
m&p-Xylene	U		0.000430	0.00200	1	04/18/2022 10:53	WG1849932
Xylenes, Total	U		0.000174	0.00300	1	04/18/2022 10:53	WG1849932
(S) Toluene-d8	*102*			*80.0-120*		*04/18/2022 10:53*	WG1849932
(S) 4-Bromofluorobenzene	*101*			*77.0-126*		*04/18/2022 10:53*	WG1849932
(S) 1,2-Dichloroethane-d4	*104*			*70.0-130*		*04/18/2022 10:53*	WG1849932

EDB / DBCP by Method 8011

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Ethylene Dibromide	U		0.00000536	0.0000200	1	04/19/2022 20:04	WG1850420

Semi Volatile Organic Compounds (GC/MS) by Method 8270 C-mod

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,4-Dioxane	U		0.0000447	0.000400	1	04/20/2022 19:31	WG1849822
(S) Nitrobenzene-d5	*85.5*			*10.0-120*		*04/20/2022 19:31*	WG1849822

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	4080		100	1	04/19/2022 13:14	WG1850635

Wet Chemistry by Method 353.2

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	0.0633	J	0.0500	0.100	1	04/21/2022 23:15	WG1851914

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	1110		37.9	100	100	04/20/2022 17:52	WG1851361
Fluoride	0.716		0.0640	0.150	1	04/20/2022 17:36	WG1851361
Sulfate	1590		59.4	500	100	04/20/2022 17:52	WG1851361

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Calcium	457		0.0936	1.00	1	04/24/2022 23:28	WG1850334
Potassium	3.40		0.108	2.00	1	04/24/2022 23:28	WG1850334
Sodium	643		0.376	2.00	1	04/24/2022 23:28	WG1850334

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/18/2022 11:14	WG1849932
Benzene	U		0.0000941	0.00100	1	04/18/2022 11:14	WG1849932
Bromodichloromethane	U		0.000136	0.00100	1	04/18/2022 11:14	WG1849932
Bromoform	U		0.000129	0.00100	1	04/18/2022 11:14	WG1849932
Bromomethane	U		0.000605	0.00500	1	04/18/2022 11:14	WG1849932
n-Butylbenzene	U		0.000157	0.00100	1	04/18/2022 11:14	WG1849932
sec-Butylbenzene	U		0.000125	0.00100	1	04/18/2022 11:14	WG1849932
Carbon disulfide	0.000329	J	0.0000962	0.00100	1	04/18/2022 11:14	WG1849932
Carbon tetrachloride	U		0.000128	0.00100	1	04/18/2022 11:14	WG1849932
Chlorobenzene	U		0.000116	0.00100	1	04/18/2022 11:14	WG1849932
Chlorodibromomethane	U		0.000140	0.00100	1	04/18/2022 11:14	WG1849932
Chloroethane	U		0.000192	0.00500	1	04/18/2022 11:14	WG1849932
Chloroform	U		0.000111	0.00500	1	04/18/2022 11:14	WG1849932
Chloromethane	U		0.000960	0.00250	1	04/18/2022 11:14	WG1849932
1,2-Dibromoethane	U		0.000126	0.00100	1	04/18/2022 11:14	WG1849932
1,1-Dichloroethane	U		0.000100	0.00100	1	04/18/2022 11:14	WG1849932
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/18/2022 11:14	WG1849932
1,1-Dichloroethene	U		0.000188	0.00100	1	04/18/2022 11:14	WG1849932
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/18/2022 11:14	WG1849932
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/18/2022 11:14	WG1849932
1,2-Dichloropropane	U		0.000149	0.00100	1	04/18/2022 11:14	WG1849932
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/18/2022 11:14	WG1849932
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/18/2022 11:14	WG1849932
Ethylbenzene	U		0.000137	0.00100	1	04/18/2022 11:14	WG1849932
Isopropylbenzene	U		0.000105	0.00100	1	04/18/2022 11:14	WG1849932
p-Isopropyltoluene	U		0.000120	0.00100	1	04/18/2022 11:14	WG1849932
2-Butanone (MEK)	U		0.00119	0.0100	1	04/18/2022 11:14	WG1849932
2-Hexanone	U		0.000787	0.0100	1	04/18/2022 11:14	WG1849932
Methylene Chloride	U		0.000430	0.00500	1	04/18/2022 11:14	WG1849932
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/18/2022 11:14	WG1849932

RA-3136
Collected date/time: 04/13/22 13:50
L1482988

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/18/2022 11:14	WG1849932
Naphthalene	U		0.00100	0.00500	1	04/18/2022 11:14	WG1849932
n-Propylbenzene	U		0.0000993	0.00100	1	04/18/2022 11:14	WG1849932
Styrene	U		0.000118	0.00100	1	04/18/2022 11:14	WG1849932
tert-Butyl alcohol	U		0.00406	0.00500	1	04/18/2022 11:14	WG1849932
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/18/2022 11:14	WG1849932
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/18/2022 11:14	WG1849932
Tetrachloroethene	U		0.000300	0.00100	1	04/18/2022 11:14	WG1849932
Toluene	U		0.000278	0.00100	1	04/18/2022 11:14	WG1849932
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/18/2022 11:14	WG1849932
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/18/2022 11:14	WG1849932
Trichloroethene	U		0.000190	0.00100	1	04/18/2022 11:14	WG1849932
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/18/2022 11:14	WG1849932
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/18/2022 11:14	WG1849932
Vinyl chloride	U		0.000234	0.00100	1	04/18/2022 11:14	WG1849932
o-Xylene	U		0.000174	0.00100	1	04/18/2022 11:14	WG1849932
m&p-Xylene	U		0.000430	0.00200	1	04/18/2022 11:14	WG1849932
Xylenes, Total	U		0.000174	0.00300	1	04/18/2022 11:14	WG1849932
(S) Toluene-d8	*109*			*80.0-120*		*04/18/2022 11:14*	WG1849932
(S) 4-Bromofluorobenzene	*100*			*77.0-126*		*04/18/2022 11:14*	WG1849932
(S) 1,2-Dichloroethane-d4	*104*			*70.0-130*		*04/18/2022 11:14*	WG1849932

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	1220		20.0	1	04/19/2022 13:14	WG1850635

Wet Chemistry by Method 353.2

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	0.604		0.0500	0.100	1	04/21/2022 23:17	WG1851914

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	144		3.79	10.0	10	04/20/2022 18:58	WG1851361
Fluoride	0.938		0.0640	0.150	1	04/20/2022 18:42	WG1851361
Sulfate	553		5.94	50.0	10	04/20/2022 18:58	WG1851361

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Calcium	214		0.0936	1.00	1	04/24/2022 23:32	WG1850334
Potassium	1.52	J	0.108	2.00	1	04/24/2022 23:32	WG1850334
Sodium	100		0.376	2.00	1	04/24/2022 23:32	WG1850334

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/18/2022 11:35	WG1849932
Benzene	U		0.0000941	0.00100	1	04/18/2022 11:35	WG1849932
Bromodichloromethane	U		0.000136	0.00100	1	04/18/2022 11:35	WG1849932
Bromoform	U		0.000129	0.00100	1	04/18/2022 11:35	WG1849932
Bromomethane	U		0.000605	0.00500	1	04/18/2022 11:35	WG1849932
n-Butylbenzene	U		0.000157	0.00100	1	04/18/2022 11:35	WG1849932
sec-Butylbenzene	U		0.000125	0.00100	1	04/18/2022 11:35	WG1849932
Carbon disulfide	0.000322	J	0.0000962	0.00100	1	04/18/2022 11:35	WG1849932
Carbon tetrachloride	U		0.000128	0.00100	1	04/18/2022 11:35	WG1849932
Chlorobenzene	U		0.000116	0.00100	1	04/18/2022 11:35	WG1849932
Chlorodibromomethane	U		0.000140	0.00100	1	04/18/2022 11:35	WG1849932
Chloroethane	U		0.000192	0.00500	1	04/18/2022 11:35	WG1849932
Chloroform	U		0.000111	0.00500	1	04/18/2022 11:35	WG1849932
Chloromethane	U		0.000960	0.00250	1	04/18/2022 11:35	WG1849932
1,2-Dibromoethane	U		0.000126	0.00100	1	04/18/2022 11:35	WG1849932
1,1-Dichloroethane	U		0.000100	0.00100	1	04/18/2022 11:35	WG1849932
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/18/2022 11:35	WG1849932
1,1-Dichloroethene	U		0.000188	0.00100	1	04/18/2022 11:35	WG1849932
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/18/2022 11:35	WG1849932
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/18/2022 11:35	WG1849932
1,2-Dichloropropane	U		0.000149	0.00100	1	04/18/2022 11:35	WG1849932
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/18/2022 11:35	WG1849932
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/18/2022 11:35	WG1849932
Ethylbenzene	U		0.000137	0.00100	1	04/18/2022 11:35	WG1849932
Isopropylbenzene	U		0.000105	0.00100	1	04/18/2022 11:35	WG1849932
p-Isopropyltoluene	U		0.000120	0.00100	1	04/18/2022 11:35	WG1849932
2-Butanone (MEK)	U		0.00119	0.0100	1	04/18/2022 11:35	WG1849932
2-Hexanone	U		0.000787	0.0100	1	04/18/2022 11:35	WG1849932
Methylene Chloride	U		0.000430	0.00500	1	04/18/2022 11:35	WG1849932
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/18/2022 11:35	WG1849932

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/18/2022 11:35	WG1849932
Naphthalene	U		0.00100	0.00500	1	04/18/2022 11:35	WG1849932
n-Propylbenzene	U		0.0000993	0.00100	1	04/18/2022 11:35	WG1849932
Styrene	U		0.000118	0.00100	1	04/18/2022 11:35	WG1849932
tert-Butyl alcohol	U		0.00406	0.00500	1	04/18/2022 11:35	WG1849932
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/18/2022 11:35	WG1849932
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/18/2022 11:35	WG1849932
Tetrachloroethene	U		0.000300	0.00100	1	04/18/2022 11:35	WG1849932
Toluene	U		0.000278	0.00100	1	04/18/2022 11:35	WG1849932
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/18/2022 11:35	WG1849932
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/18/2022 11:35	WG1849932
Trichloroethene	U		0.000190	0.00100	1	04/18/2022 11:35	WG1849932
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/18/2022 11:35	WG1849932
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/18/2022 11:35	WG1849932
Vinyl chloride	U		0.000234	0.00100	1	04/18/2022 11:35	WG1849932
o-Xylene	U		0.000174	0.00100	1	04/18/2022 11:35	WG1849932
m&p-Xylene	U		0.000430	0.00200	1	04/18/2022 11:35	WG1849932
Xylenes, Total	U		0.000174	0.00300	1	04/18/2022 11:35	WG1849932
(S) Toluene-d8	*99.6*			*80.0-120*		*04/18/2022 11:35*	WG1849932
(S) 4-Bromofluorobenzene	*94.8*			*77.0-126*		*04/18/2022 11:35*	WG1849932
(S) 1,2-Dichloroethane-d4	*103*			*70.0-130*		*04/18/2022 11:35*	WG1849932

Semi Volatile Organic Compounds (GC/MS) by Method 8270 C-mod

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
1,4-Dioxane	U		0.0000447	0.000400	1	04/20/2022 20:28	WG1849822
(S) Nitrobenzene-d5	*79.6*			*10.0-120*		*04/20/2022 20:28*	WG1849822

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Dissolved Solids	1320		50.0	1	04/18/2022 18:37	WG1850391

Wet Chemistry by Method 353.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Nitrate-Nitrite	U		0.500	1.00	10	04/21/2022 23:18	WG1851914

Sample Narrative:

L1482988-38 WG1851914: Dilution due to sulfide hit.

Wet Chemistry by Method 4500CN E-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Cyanide	U		0.00900	0.0250	5	04/25/2022 15:10	WG1852103

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Chloride	397	V	3.79	10.0	10	04/20/2022 19:47	WG1851361
Fluoride	0.883		0.0640	0.150	1	04/20/2022 19:14	WG1851361
Sulfate	340	V	5.94	50.0	10	04/20/2022 19:47	WG1851361

Mercury by Method 7470A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Mercury	U		0.000100	0.000200	1	04/28/2022 11:49	WG1850019
Mercury,Dissolved	U		0.000100	0.000200	1	04/29/2022 10:15	WG1852270

Metals (ICP) by Method 6010B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Boron	0.449		0.0200	0.200	1	04/20/2022 16:10	WG1851270
Boron,Dissolved	0.453		0.0200	0.200	1	04/26/2022 23:41	WG1851304

Metals (ICPMS) by Method 6020

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Arsenic	0.00198	J	0.000180	0.00200	1	04/24/2022 23:35	WG1850334
Arsenic,Dissolved	0.000458	J	0.000180	0.00200	1	04/24/2022 18:10	WG1850302
Barium	0.0642		0.000381	0.00200	1	04/24/2022 23:35	WG1850334
Barium,Dissolved	0.0583		0.000381	0.00200	1	04/24/2022 18:10	WG1850302
Cadmium	U		0.000150	0.00100	1	04/24/2022 23:35	WG1850334
Cadmium,Dissolved	U		0.000150	0.00100	1	04/24/2022 18:10	WG1850302
Calcium	239		0.0936	1.00	1	04/24/2022 23:35	WG1850334
Chromium	U		0.00124	0.00200	1	04/24/2022 23:35	WG1850334
Chromium,Dissolved	0.00138	J	0.00124	0.00200	1	04/24/2022 18:10	WG1850302
Cobalt	0.00121	J	0.0000596	0.00200	1	04/24/2022 23:35	WG1850334
Cobalt,Dissolved	U		0.0000596	0.00200	1	04/24/2022 18:10	WG1850302
Iron	1.43		0.0281	0.100	1	04/24/2022 23:35	WG1850334
Iron,Dissolved	0.0382	J	0.0281	0.100	1	04/24/2022 18:10	WG1850302
Lead	0.00124	J	0.000849	0.00200	1	04/24/2022 23:35	WG1850334
Lead,Dissolved	U		0.000849	0.00200	1	04/24/2022 18:10	WG1850302
Manganese	1.42		0.000704	0.00500	1	04/24/2022 23:35	WG1850334

KWD-7
Collected date/time: 04/13/22 13:20
L1482988

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Manganese,Dissolved	1.55		0.000704	0.00500	1	04/24/2022 18:10	WG1850302
Nickel	0.00374		0.000816	0.00200	1	04/25/2022 16:27	WG1850334
Nickel,Dissolved	U		0.000816	0.00200	1	04/25/2022 00:13	WG1850302
Potassium	0.410	J	0.108	2.00	1	04/24/2022 23:35	WG1850334
Selenium	U		0.000300	0.00200	1	04/24/2022 23:35	WG1850334
Selenium,Dissolved	U		0.000300	0.00200	1	04/24/2022 18:10	WG1850302
Sodium	250		0.376	2.00	1	04/24/2022 23:35	WG1850334
Uranium	0.000367	J	0.0000789	0.00100	1	04/24/2022 23:35	WG1850334
Uranium,Dissolved	0.000531	J	0.0000789	0.00100	1	04/24/2022 18:10	WG1850302
Vanadium	0.00362	B J	0.000664	0.00500	1	04/24/2022 23:35	WG1850334
Vanadium,Dissolved	0.00356	B J	0.000664	0.00500	1	04/24/2022 18:10	WG1850302

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/18/2022 11:55	WG1849932
Benzene	0.190		0.000471	0.00500	5	04/19/2022 15:22	WG1850745
Bromodichloromethane	U		0.000136	0.00100	1	04/18/2022 11:55	WG1849932
Bromoform	U		0.000129	0.00100	1	04/18/2022 11:55	WG1849932
Bromomethane	U		0.000605	0.00500	1	04/18/2022 11:55	WG1849932
n-Butylbenzene	U		0.000157	0.00100	1	04/18/2022 11:55	WG1849932
sec-Butylbenzene	0.00947		0.000125	0.00100	1	04/18/2022 11:55	WG1849932
Carbon disulfide	0.000662	J	0.0000962	0.00100	1	04/18/2022 11:55	WG1849932
Carbon tetrachloride	U		0.000128	0.00100	1	04/18/2022 11:55	WG1849932
Chlorobenzene	U		0.000116	0.00100	1	04/18/2022 11:55	WG1849932
Chlorodibromomethane	U		0.000140	0.00100	1	04/18/2022 11:55	WG1849932
Chloroethane	U		0.000192	0.00500	1	04/18/2022 11:55	WG1849932
Chloroform	U		0.000111	0.00500	1	04/18/2022 11:55	WG1849932
Chloromethane	U		0.000960	0.00250	1	04/18/2022 11:55	WG1849932
1,2-Dibromoethane	U		0.000126	0.00100	1	04/18/2022 11:55	WG1849932
1,1-Dichloroethane	U		0.000100	0.00100	1	04/18/2022 11:55	WG1849932
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/18/2022 11:55	WG1849932
1,1-Dichloroethene	U		0.000188	0.00100	1	04/18/2022 11:55	WG1849932
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/18/2022 11:55	WG1849932
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/18/2022 11:55	WG1849932
1,2-Dichloropropane	U		0.000149	0.00100	1	04/18/2022 11:55	WG1849932
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/18/2022 11:55	WG1849932
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/18/2022 11:55	WG1849932
Ethylbenzene	0.00103		0.000137	0.00100	1	04/18/2022 11:55	WG1849932
Isopropylbenzene	0.0405		0.000105	0.00100	1	04/18/2022 11:55	WG1849932
p-Isopropyltoluene	U		0.000120	0.00100	1	04/18/2022 11:55	WG1849932
2-Butanone (MEK)	U		0.00119	0.0100	1	04/18/2022 11:55	WG1849932
2-Hexanone	U		0.000787	0.0100	1	04/18/2022 11:55	WG1849932
Methylene Chloride	U		0.000430	0.00500	1	04/18/2022 11:55	WG1849932
4-Methyl-2-pentanone (MIBK)	0.000866	J	0.000478	0.0100	1	04/18/2022 11:55	WG1849932
Methyl tert-butyl ether	0.00646		0.000101	0.00100	1	04/18/2022 11:55	WG1849932
Naphthalene	0.00138	J	0.00100	0.00500	1	04/18/2022 11:55	WG1849932
n-Propylbenzene	0.0236		0.0000993	0.00100	1	04/18/2022 11:55	WG1849932
Styrene	U		0.000118	0.00100	1	04/18/2022 11:55	WG1849932
tert-Butyl alcohol	0.0191		0.00406	0.00500	1	04/18/2022 11:55	WG1849932
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/18/2022 11:55	WG1849932
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/18/2022 11:55	WG1849932
Tetrachloroethene	U		0.000300	0.00100	1	04/18/2022 11:55	WG1849932
Toluene	0.000657	J	0.000278	0.00100	1	04/18/2022 11:55	WG1849932
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/18/2022 11:55	WG1849932
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/18/2022 11:55	WG1849932

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Trichloroethene	U		0.000190	0.00100	1	04/18/2022 11:55	WG1849932
1,2,4-Trimethylbenzene	0.00243		0.000322	0.00100	1	04/18/2022 11:55	WG1849932
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/18/2022 11:55	WG1849932
Vinyl chloride	U		0.000234	0.00100	1	04/18/2022 11:55	WG1849932
o-Xylene	0.000254	J	0.000174	0.00100	1	04/18/2022 11:55	WG1849932
m&p-Xylene	0.00103	J	0.000430	0.00200	1	04/18/2022 11:55	WG1849932
Xylenes, Total	0.00128	J	0.000174	0.00300	1	04/18/2022 11:55	WG1849932
(S) Toluene-d8	*98.4*			*80.0-120*		*04/18/2022 11:55*	WG1849932
(S) Toluene-d8	*103*			*80.0-120*		*04/19/2022 15:22*	WG1850745
(S) 4-Bromofluorobenzene	*95.7*			*77.0-126*		*04/18/2022 11:55*	WG1849932
(S) 4-Bromofluorobenzene	*98.8*			*77.0-126*		*04/19/2022 15:22*	WG1850745
(S) 1,2-Dichloroethane-d4	*98.8*			*70.0-130*		*04/18/2022 11:55*	WG1849932
(S) 1,2-Dichloroethane-d4	*95.3*			*70.0-130*		*04/19/2022 15:22*	WG1850745

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	1.07		0.0247	0.100	1	04/26/2022 21:54	WG1853887
(S) o-Terphenyl	*111*			*31.0-160*		*04/26/2022 21:54*	WG1853887

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	4530		100	1	04/19/2022 13:14	WG1850635

Wet Chemistry by Method 353.2

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	5.45		0.250	0.500	5	04/21/2022 23:19	WG1851914

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	518		37.9	100	100	04/20/2022 20:53	WG1851361
Fluoride	1.85		0.0640	0.150	1	04/20/2022 20:36	WG1851361
Sulfate	2570		59.4	500	100	04/20/2022 20:53	WG1851361

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00495		0.000180	0.00200	1	04/21/2022 21:39	WG1850339
Arsenic,Dissolved	0.00507		0.000180	0.00200	1	04/24/2022 18:34	WG1850302
Barium	0.00958		0.000381	0.00200	1	04/21/2022 21:39	WG1850339
Barium,Dissolved	0.0106		0.000381	0.00200	1	04/24/2022 18:34	WG1850302
Calcium	513	V	0.0936	1.00	1	04/21/2022 21:39	WG1850339
Chromium	U		0.00124	0.00200	1	04/21/2022 21:39	WG1850339
Chromium,Dissolved	0.0106		0.00124	0.00200	1	04/24/2022 18:34	WG1850302
Iron	U		0.0281	0.100	1	04/21/2022 21:39	WG1850339
Iron,Dissolved	0.0305	J	0.0281	0.100	1	04/24/2022 18:34	WG1850302
Lead	U		0.000849	0.00200	1	04/21/2022 21:39	WG1850339
Lead,Dissolved	U		0.000849	0.00200	1	04/24/2022 18:34	WG1850302
Manganese	0.00169	J	0.000704	0.00500	1	04/21/2022 21:39	WG1850339
Manganese,Dissolved	U		0.000704	0.00500	1	04/24/2022 18:34	WG1850302
Potassium	0.566	J	0.108	2.00	1	04/21/2022 21:39	WG1850339
Selenium	0.00953		0.000300	0.00200	1	04/21/2022 21:39	WG1850339
Selenium,Dissolved	0.0105		0.000300	0.00200	1	04/24/2022 18:34	WG1850302
Sodium	250	V	0.376	2.00	1	04/21/2022 21:39	WG1850339

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/18/2022 12:15	WG1849932
Benzene	U		0.0000941	0.00100	1	04/19/2022 15:03	WG1850745
Bromodichloromethane	U		0.000136	0.00100	1	04/18/2022 12:15	WG1849932
Bromoform	U		0.000129	0.00100	1	04/18/2022 12:15	WG1849932
Bromomethane	U		0.000605	0.00500	1	04/18/2022 12:15	WG1849932
n-Butylbenzene	U		0.000157	0.00100	1	04/18/2022 12:15	WG1849932
sec-Butylbenzene	0.000268	J	0.000125	0.00100	1	04/18/2022 12:15	WG1849932
Carbon disulfide	0.000364	J	0.0000962	0.00100	1	04/18/2022 12:15	WG1849932
Carbon tetrachloride	U		0.000128	0.00100	1	04/18/2022 12:15	WG1849932
Chlorobenzene	U		0.000116	0.00100	1	04/18/2022 12:15	WG1849932
Chlorodibromomethane	U		0.000140	0.00100	1	04/18/2022 12:15	WG1849932
Chloroethane	U		0.000192	0.00500	1	04/18/2022 12:15	WG1849932
Chloroform	U		0.000111	0.00500	1	04/18/2022 12:15	WG1849932
Chloromethane	U		0.000960	0.00250	1	04/18/2022 12:15	WG1849932
1,2-Dibromoethane	U		0.000126	0.00100	1	04/18/2022 12:15	WG1849932
1,1-Dichloroethane	U		0.000100	0.00100	1	04/18/2022 12:15	WG1849932

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/18/2022 12:15	WG1849932
1,1-Dichloroethene	U		0.000188	0.00100	1	04/18/2022 12:15	WG1849932
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/18/2022 12:15	WG1849932
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/18/2022 12:15	WG1849932
1,2-Dichloropropane	U		0.000149	0.00100	1	04/18/2022 12:15	WG1849932
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/18/2022 12:15	WG1849932
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/18/2022 12:15	WG1849932
Ethylbenzene	U		0.000137	0.00100	1	04/18/2022 12:15	WG1849932
Isopropylbenzene	0.000287	J	0.000105	0.00100	1	04/18/2022 12:15	WG1849932
p-Isopropyltoluene	U		0.000120	0.00100	1	04/18/2022 12:15	WG1849932
2-Butanone (MEK)	U		0.00119	0.0100	1	04/18/2022 12:15	WG1849932
2-Hexanone	U		0.000787	0.0100	1	04/18/2022 12:15	WG1849932
Methylene Chloride	U		0.000430	0.00500	1	04/18/2022 12:15	WG1849932
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/18/2022 12:15	WG1849932
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/18/2022 12:15	WG1849932
Naphthalene	U		0.00100	0.00500	1	04/18/2022 12:15	WG1849932
n-Propylbenzene	0.000568	J	0.0000993	0.00100	1	04/18/2022 12:15	WG1849932
Styrene	U		0.000118	0.00100	1	04/18/2022 12:15	WG1849932
tert-Butyl alcohol	U		0.00406	0.00500	1	04/18/2022 12:15	WG1849932
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/18/2022 12:15	WG1849932
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/18/2022 12:15	WG1849932
Tetrachloroethene	U		0.000300	0.00100	1	04/18/2022 12:15	WG1849932
Toluene	U		0.000278	0.00100	1	04/18/2022 12:15	WG1849932
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/18/2022 12:15	WG1849932
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/18/2022 12:15	WG1849932
Trichloroethene	U		0.000190	0.00100	1	04/18/2022 12:15	WG1849932
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/18/2022 12:15	WG1849932
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/18/2022 12:15	WG1849932
Vinyl chloride	U		0.000234	0.00100	1	04/18/2022 12:15	WG1849932
o-Xylene	U		0.000174	0.00100	1	04/18/2022 12:15	WG1849932
m&p-Xylene	U		0.000430	0.00200	1	04/18/2022 12:15	WG1849932
Xylenes, Total	U		0.000174	0.00300	1	04/18/2022 12:15	WG1849932
(S) Toluene-d8	*108*			*80.0-120*		*04/18/2022 12:15*	WG1849932
(S) Toluene-d8	*103*			*80.0-120*		*04/19/2022 15:03*	WG1850745
(S) 4-Bromofluorobenzene	*98.1*			*77.0-126*		*04/18/2022 12:15*	WG1849932
(S) 4-Bromofluorobenzene	*99.6*			*77.0-126*		*04/19/2022 15:03*	WG1850745
(S) 1,2-Dichloroethane-d4	*106*			*70.0-130*		*04/18/2022 12:15*	WG1849932
(S) 1,2-Dichloroethane-d4	*95.4*			*70.0-130*		*04/19/2022 15:03*	WG1850745

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.0979	J	0.0247	0.100	1	04/27/2022 09:18	WG1853887
(S) o-Terphenyl	*89.5*			*31.0-160*		*04/27/2022 09:18*	WG1853887

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Dissolved Solids	2540		50.0	1	04/19/2022 13:14	WG1850635

Wet Chemistry by Method 353.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Nitrate-Nitrite	2.60		0.0500	0.100	1	04/22/2022 14:54	WG1851916

Wet Chemistry by Method 4500CN E-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Cyanide	U		0.00180	0.00500	1	04/25/2022 15:11	WG1852103

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Chloride	256		19.0	50.0	50	04/20/2022 21:58	WG1851361
Fluoride	0.365		0.0640	0.150	1	04/20/2022 21:09	WG1851361
Sulfate	1420		29.7	250	50	04/20/2022 21:58	WG1851361

Mercury by Method 7470A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Mercury	U		0.000100	0.000200	1	04/28/2022 08:30	WG1850020
Mercury,Dissolved	U		0.000100	0.000200	1	04/29/2022 10:21	WG1852270

Metals (ICP) by Method 6010B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Boron	0.0973	J	0.0200	0.200	1	04/20/2022 16:19	WG1851270
Boron,Dissolved	0.0918	J	0.0200	0.200	1	04/26/2022 23:44	WG1851304

Metals (ICPMS) by Method 6020

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Arsenic	0.000340	J	0.000180	0.00200	1	04/21/2022 21:53	WG1850339
Arsenic,Dissolved	0.000509	J	0.000180	0.00200	1	04/24/2022 18:37	WG1850302
Barium	0.0119		0.000381	0.00200	1	04/21/2022 21:53	WG1850339
Barium,Dissolved	0.0119		0.000381	0.00200	1	04/24/2022 18:37	WG1850302
Cadmium	U		0.000150	0.00100	1	04/21/2022 21:53	WG1850339
Cadmium,Dissolved	U		0.000150	0.00100	1	04/24/2022 18:37	WG1850302
Calcium	405		0.0936	1.00	1	04/21/2022 21:53	WG1850339
Chromium	U		0.00124	0.00200	1	04/21/2022 21:53	WG1850339
Chromium,Dissolved	0.00353		0.00124	0.00200	1	04/24/2022 18:37	WG1850302
Cobalt	U		0.0000596	0.00200	1	04/21/2022 21:53	WG1850339
Cobalt,Dissolved	U		0.0000596	0.00200	1	04/24/2022 18:37	WG1850302
Iron	0.0306	J	0.0281	0.100	1	04/21/2022 21:53	WG1850339
Iron,Dissolved	0.0300	J	0.0281	0.100	1	04/24/2022 18:37	WG1850302
Lead	U		0.000849	0.00200	1	04/21/2022 21:53	WG1850339
Lead,Dissolved	U		0.000849	0.00200	1	04/24/2022 18:37	WG1850302
Manganese	0.000734	J	0.000704	0.00500	1	04/21/2022 21:53	WG1850339
Manganese,Dissolved	0.00142	J	0.000704	0.00500	1	04/24/2022 18:37	WG1850302
Nickel	U		0.000816	0.00200	1	04/25/2022 00:46	WG1850339
Nickel,Dissolved	U		0.000816	0.00200	1	04/25/2022 00:16	WG1850302

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Potassium	2.36		0.108	2.00	1	04/21/2022 21:53	WG1850339
Selenium	0.00694		0.000300	0.00200	1	04/21/2022 21:53	WG1850339
Selenium,Dissolved	0.00786		0.000300	0.00200	1	04/24/2022 18:37	WG1850302
Sodium	78.0		0.376	2.00	1	04/21/2022 21:53	WG1850339
Uranium	0.00777		0.0000789	0.00100	1	04/21/2022 21:53	WG1850339
Uranium,Dissolved	0.00908		0.0000789	0.00100	1	04/24/2022 18:37	WG1850302
Vanadium	0.00241	J	0.000664	0.00500	1	04/21/2022 21:53	WG1850339
Vanadium,Dissolved	0.00491	B J	0.000664	0.00500	1	04/24/2022 18:37	WG1850302

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	U		0.0314	0.100	1	04/19/2022 21:14	WG1851115
(S) a,a,a-Trifluorotoluene(FID)	*109*			*78.0-120*		*04/19/2022 21:14*	WG1851115

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/18/2022 12:36	WG1849932
Benzene	U		0.0000941	0.00100	1	04/18/2022 12:36	WG1849932
Bromodichloromethane	U		0.000136	0.00100	1	04/18/2022 12:36	WG1849932
Bromoform	U		0.000129	0.00100	1	04/18/2022 12:36	WG1849932
Bromomethane	U		0.000605	0.00500	1	04/18/2022 12:36	WG1849932
n-Butylbenzene	U		0.000157	0.00100	1	04/18/2022 12:36	WG1849932
sec-Butylbenzene	0.000169	J	0.000125	0.00100	1	04/18/2022 12:36	WG1849932
Carbon disulfide	0.000353	J	0.0000962	0.00100	1	04/18/2022 12:36	WG1849932
Carbon tetrachloride	U		0.000128	0.00100	1	04/18/2022 12:36	WG1849932
Chlorobenzene	U		0.000116	0.00100	1	04/18/2022 12:36	WG1849932
Chlorodibromomethane	U		0.000140	0.00100	1	04/18/2022 12:36	WG1849932
Chloroethane	U		0.000192	0.00500	1	04/18/2022 12:36	WG1849932
Chloroform	U		0.000111	0.00500	1	04/18/2022 12:36	WG1849932
Chloromethane	U		0.000960	0.00250	1	04/18/2022 12:36	WG1849932
1,2-Dibromoethane	U		0.000126	0.00100	1	04/18/2022 12:36	WG1849932
1,1-Dichloroethane	U		0.000100	0.00100	1	04/18/2022 12:36	WG1849932
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/18/2022 12:36	WG1849932
1,1-Dichloroethene	U		0.000188	0.00100	1	04/18/2022 12:36	WG1849932
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/18/2022 12:36	WG1849932
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/18/2022 12:36	WG1849932
1,2-Dichloropropane	U		0.000149	0.00100	1	04/18/2022 12:36	WG1849932
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/18/2022 12:36	WG1849932
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/18/2022 12:36	WG1849932
Ethylbenzene	U		0.000137	0.00100	1	04/18/2022 12:36	WG1849932
Isopropylbenzene	0.000121	J	0.000105	0.00100	1	04/18/2022 12:36	WG1849932
p-Isopropyltoluene	U		0.000120	0.00100	1	04/18/2022 12:36	WG1849932
2-Butanone (MEK)	U		0.00119	0.0100	1	04/18/2022 12:36	WG1849932
2-Hexanone	U		0.000787	0.0100	1	04/18/2022 12:36	WG1849932
Methylene Chloride	U		0.000430	0.00500	1	04/18/2022 12:36	WG1849932
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/18/2022 12:36	WG1849932
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/18/2022 12:36	WG1849932
Naphthalene	U		0.00100	0.00500	1	04/18/2022 12:36	WG1849932
n-Propylbenzene	0.000441	J	0.0000993	0.00100	1	04/18/2022 12:36	WG1849932
Styrene	U		0.000118	0.00100	1	04/18/2022 12:36	WG1849932
tert-Butyl alcohol	U		0.00406	0.00500	1	04/18/2022 12:36	WG1849932
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/18/2022 12:36	WG1849932
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/18/2022 12:36	WG1849932

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Tetrachloroethene	U		0.000300	0.00100	1	04/18/2022 12:36	WG1849932
Toluene	U		0.000278	0.00100	1	04/18/2022 12:36	WG1849932
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/18/2022 12:36	WG1849932
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/18/2022 12:36	WG1849932
Trichloroethene	U		0.000190	0.00100	1	04/18/2022 12:36	WG1849932
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/18/2022 12:36	WG1849932
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/18/2022 12:36	WG1849932
Vinyl chloride	U		0.000234	0.00100	1	04/18/2022 12:36	WG1849932
o-Xylene	U		0.000174	0.00100	1	04/18/2022 12:36	WG1849932
m&p-Xylene	U		0.000430	0.00200	1	04/18/2022 12:36	WG1849932
Xylenes, Total	U		0.000174	0.00300	1	04/18/2022 12:36	WG1849932
(S) Toluene-d8	*102*			*80.0-120*		*04/18/2022 12:36*	WG1849932
(S) 4-Bromofluorobenzene	*100*			*77.0-126*		*04/18/2022 12:36*	WG1849932
(S) 1,2-Dichloroethane-d4	*102*			*70.0-130*		*04/18/2022 12:36*	WG1849932

EDB / DBCP by Method 8011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Ethylene Dibromide	U		0.00000547	0.0000204	1.02	04/19/2022 20:16	WG1850420

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
TPH (GC/FID) High Fraction	0.0827	J	0.0247	0.100	1	04/26/2022 22:46	WG1853887
(S) o-Terphenyl	*104*			*31.0-160*		*04/26/2022 22:46*	WG1853887

Semi Volatile Organic Compounds (GC/MS) by Method 8270 C-mod

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
1,4-Dioxane	U		0.0000447	0.000400	1	04/20/2022 21:26	WG1849822
(S) Nitrobenzene-d5	*79.9*			*10.0-120*		*04/20/2022 21:26*	WG1849822

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	2560		50.0	1	04/19/2022 13:14	WG1850635
Dissolved Solids	4070	Q	50.0	1	05/11/2022 12:13	WG1862144

Wet Chemistry by Method 353.2

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	1.60		0.0500	0.100	1	04/22/2022 16:23	WG1851916

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	342		37.9	100	100	04/20/2022 22:31	WG1851361
Fluoride	1.57		0.0640	0.150	1	04/20/2022 22:15	WG1851361
Sulfate	2220		59.4	500	100	04/20/2022 22:31	WG1851361

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00444		0.000180	0.00200	1	04/21/2022 21:57	WG1850339
Arsenic,Dissolved	0.00458		0.000180	0.00200	1	04/24/2022 18:40	WG1850302
Barium	0.00893		0.000381	0.00200	1	04/21/2022 21:57	WG1850339
Barium,Dissolved	0.00859		0.000381	0.00200	1	04/24/2022 18:40	WG1850302
Calcium	437		0.0936	1.00	1	04/21/2022 21:57	WG1850339
Chromium	0.00296		0.00124	0.00200	1	04/21/2022 21:57	WG1850339
Chromium,Dissolved	U		0.00124	0.00200	1	04/24/2022 18:40	WG1850302
Iron	U		0.0281	0.100	1	04/21/2022 21:57	WG1850339
Iron,Dissolved	U		0.0281	0.100	1	04/24/2022 18:40	WG1850302
Lead	U		0.000849	0.00200	1	04/21/2022 21:57	WG1850339
Lead,Dissolved	U		0.000849	0.00200	1	04/24/2022 18:40	WG1850302
Manganese	0.0593		0.000704	0.00500	1	04/21/2022 21:57	WG1850339
Manganese,Dissolved	0.0405		0.000704	0.00500	1	04/24/2022 18:40	WG1850302
Potassium	0.516	J	0.108	2.00	1	04/21/2022 21:57	WG1850339
Selenium	0.00576		0.000300	0.00200	1	04/21/2022 21:57	WG1850339
Selenium,Dissolved	0.00620		0.000300	0.00200	1	04/24/2022 18:40	WG1850302
Sodium	219		0.376	2.00	1	04/21/2022 21:57	WG1850339

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	0.0420	J	0.0314	0.100	1	04/21/2022 19:55	WG1852280
(S) a,a,a-Trifluorotoluene(FID)	*97.6*			*78.0-120*		*04/21/2022 19:55*	WG1852280

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.113	0.500	10	04/18/2022 18:23	WG1849932
Benzene	U		0.000941	0.0100	10	04/18/2022 18:23	WG1849932
Bromodichloromethane	U		0.00136	0.0100	10	04/18/2022 18:23	WG1849932
Bromoform	U		0.00129	0.0100	10	04/18/2022 18:23	WG1849932
Bromomethane	U		0.00605	0.0500	10	04/18/2022 18:23	WG1849932
n-Butylbenzene	U		0.00157	0.0100	10	04/18/2022 18:23	WG1849932
sec-Butylbenzene	U		0.00125	0.0100	10	04/18/2022 18:23	WG1849932
Carbon disulfide	0.00364	J	0.000962	0.0100	10	04/18/2022 18:23	WG1849932

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Carbon tetrachloride	U		0.00128	0.0100	10	04/18/2022 18:23	WG1849932
Chlorobenzene	U		0.00116	0.0100	10	04/18/2022 18:23	WG1849932
Chlorodibromomethane	U		0.00140	0.0100	10	04/18/2022 18:23	WG1849932
Chloroethane	U		0.00192	0.0500	10	04/18/2022 18:23	WG1849932
Chloroform	U		0.00111	0.0500	10	04/18/2022 18:23	WG1849932
Chloromethane	U		0.00960	0.0250	10	04/18/2022 18:23	WG1849932
1,2-Dibromoethane	U		0.00126	0.0100	10	04/18/2022 18:23	WG1849932
1,1-Dichloroethane	U		0.00100	0.0100	10	04/18/2022 18:23	WG1849932
1,2-Dichloroethane	U		0.000819	0.0100	10	04/18/2022 18:23	WG1849932
1,1-Dichloroethene	U		0.00188	0.0100	10	04/18/2022 18:23	WG1849932
cis-1,2-Dichloroethene	U		0.00126	0.0100	10	04/18/2022 18:23	WG1849932
trans-1,2-Dichloroethene	U		0.00149	0.0100	10	04/18/2022 18:23	WG1849932
1,2-Dichloropropane	U		0.00149	0.0100	10	04/18/2022 18:23	WG1849932
cis-1,3-Dichloropropene	U		0.00111	0.0100	10	04/18/2022 18:23	WG1849932
trans-1,3-Dichloropropene	U		0.00118	0.0100	10	04/18/2022 18:23	WG1849932
Ethylbenzene	U		0.00137	0.0100	10	04/18/2022 18:23	WG1849932
Isopropylbenzene	U		0.00105	0.0100	10	04/18/2022 18:23	WG1849932
p-Isopropyltoluene	U		0.00120	0.0100	10	04/18/2022 18:23	WG1849932
2-Butanone (MEK)	U		0.0119	0.100	10	04/18/2022 18:23	WG1849932
2-Hexanone	U		0.00787	0.100	10	04/18/2022 18:23	WG1849932
Methylene Chloride	U		0.00430	0.0500	10	04/18/2022 18:23	WG1849932
4-Methyl-2-pentanone (MIBK)	U		0.00478	0.100	10	04/18/2022 18:23	WG1849932
Methyl tert-butyl ether	0.0198		0.00101	0.0100	10	04/18/2022 18:23	WG1849932
Naphthalene	U		0.0100	0.0500	10	04/18/2022 18:23	WG1849932
n-Propylbenzene	U		0.000993	0.0100	10	04/18/2022 18:23	WG1849932
Styrene	U		0.00118	0.0100	10	04/18/2022 18:23	WG1849932
tert-Butyl alcohol	U		0.0406	0.0500	10	04/18/2022 18:23	WG1849932
1,1,1,2-Tetrachloroethane	U		0.00147	0.0100	10	04/18/2022 18:23	WG1849932
1,1,2,2-Tetrachloroethane	U		0.00133	0.0100	10	04/18/2022 18:23	WG1849932
Tetrachloroethene	U		0.00300	0.0100	10	04/18/2022 18:23	WG1849932
Toluene	U		0.00278	0.0100	10	04/18/2022 18:23	WG1849932
1,1,1-Trichloroethane	U		0.00149	0.0100	10	04/18/2022 18:23	WG1849932
1,1,2-Trichloroethane	U		0.00158	0.0100	10	04/18/2022 18:23	WG1849932
Trichloroethene	U		0.00190	0.0100	10	04/18/2022 18:23	WG1849932
1,2,4-Trimethylbenzene	U		0.00322	0.0100	10	04/18/2022 18:23	WG1849932
1,3,5-Trimethylbenzene	U		0.00104	0.0100	10	04/18/2022 18:23	WG1849932
Vinyl chloride	U		0.00234	0.0100	10	04/18/2022 18:23	WG1849932
o-Xylene	U		0.00174	0.0100	10	04/18/2022 18:23	WG1849932
m&p-Xylene	U		0.00430	0.0200	10	04/18/2022 18:23	WG1849932
Xylenes, Total	U		0.00174	0.0300	10	04/18/2022 18:23	WG1849932
(S) Toluene-d8	*109*			*80.0-120*		*04/18/2022 18:23*	WG1849932
(S) 4-Bromofluorobenzene	*99.6*			*77.0-126*		*04/18/2022 18:23*	WG1849932
(S) 1,2-Dichloroethane-d4	*92.6*			*70.0-130*		*04/18/2022 18:23*	WG1849932

Sample Narrative:

L1482988-41 WG1849932: Lowest possible dilution due to sample foaming.

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.460		0.0247	0.100	1	04/26/2022 23:12	WG1853887
(S) o-Terphenyl	*97.4*			*31.0-160*		*04/26/2022 23:12*	WG1853887

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	2080		50.0	1	04/21/2022 19:35	WG1852510

Wet Chemistry by Method 353.2

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	U		0.0500	0.100	1	04/22/2022 15:00	WG1851916

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	114		37.9	100	100	04/20/2022 23:04	WG1851361
Fluoride	2.75		0.0640	0.150	1	04/20/2022 22:48	WG1851361
Sulfate	1320		59.4	500	100	04/20/2022 23:04	WG1851361

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00377		0.000180	0.00200	1	04/21/2022 22:00	WG1850339
Arsenic,Dissolved	0.00388		0.000180	0.00200	1	04/24/2022 18:43	WG1850302
Barium	0.0120		0.000381	0.00200	1	04/21/2022 22:00	WG1850339
Barium,Dissolved	0.0130		0.000381	0.00200	1	04/24/2022 18:43	WG1850302
Calcium	380		0.0936	1.00	1	04/21/2022 22:00	WG1850339
Chromium	U		0.00124	0.00200	1	04/21/2022 22:00	WG1850339
Chromium,Dissolved	U		0.00124	0.00200	1	04/24/2022 18:43	WG1850302
Iron	U		0.0281	0.100	1	04/21/2022 22:00	WG1850339
Iron,Dissolved	U		0.0281	0.100	1	04/24/2022 18:43	WG1850302
Lead	U		0.000849	0.00200	1	04/21/2022 22:00	WG1850339
Lead,Dissolved	U		0.000849	0.00200	1	04/24/2022 18:43	WG1850302
Manganese	0.695		0.000704	0.00500	1	04/21/2022 22:00	WG1850339
Manganese,Dissolved	0.746		0.000704	0.00500	1	04/24/2022 18:43	WG1850302
Potassium	1.89	J	0.108	2.00	1	04/21/2022 22:00	WG1850339
Selenium	0.000752	J	0.000300	0.00200	1	04/21/2022 22:00	WG1850339
Selenium,Dissolved	0.000549	J	0.000300	0.00200	1	04/24/2022 18:43	WG1850302
Sodium	97.1		0.376	2.00	1	04/21/2022 22:00	WG1850339

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	U		0.0314	0.100	1	04/19/2022 21:36	WG1851115
(S) a,a,a-Trifluorotoluene(FID)	*109*			*78.0-120*		*04/19/2022 21:36*	WG1851115

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/18/2022 12:56	WG1849932
Benzene	U		0.0000941	0.00100	1	04/18/2022 12:56	WG1849932
Bromodichloromethane	U		0.000136	0.00100	1	04/18/2022 12:56	WG1849932
Bromoform	U		0.000129	0.00100	1	04/18/2022 12:56	WG1849932
Bromomethane	U		0.000605	0.00500	1	04/18/2022 12:56	WG1849932
n-Butylbenzene	0.000654	B J	0.000157	0.00100	1	04/18/2022 12:56	WG1849932
sec-Butylbenzene	0.00423		0.000125	0.00100	1	04/18/2022 12:56	WG1849932
Carbon disulfide	0.000362	J	0.0000962	0.00100	1	04/18/2022 12:56	WG1849932
Carbon tetrachloride	U		0.000128	0.00100	1	04/18/2022 12:56	WG1849932

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chlorobenzene	U		0.000116	0.00100	1	04/18/2022 12:56	WG1849932
Chlorodibromomethane	U		0.000140	0.00100	1	04/18/2022 12:56	WG1849932
Chloroethane	U		0.000192	0.00500	1	04/18/2022 12:56	WG1849932
Chloroform	U		0.000111	0.00500	1	04/18/2022 12:56	WG1849932
Chloromethane	U		0.000960	0.00250	1	04/18/2022 12:56	WG1849932
1,2-Dibromoethane	U		0.000126	0.00100	1	04/18/2022 12:56	WG1849932
1,1-Dichloroethane	U		0.000100	0.00100	1	04/18/2022 12:56	WG1849932
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/18/2022 12:56	WG1849932
1,1-Dichloroethene	U		0.000188	0.00100	1	04/18/2022 12:56	WG1849932
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/18/2022 12:56	WG1849932
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/18/2022 12:56	WG1849932
1,2-Dichloropropane	U		0.000149	0.00100	1	04/18/2022 12:56	WG1849932
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/18/2022 12:56	WG1849932
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/18/2022 12:56	WG1849932
Ethylbenzene	U		0.000137	0.00100	1	04/18/2022 12:56	WG1849932
Isopropylbenzene	0.000137	J	0.000105	0.00100	1	04/18/2022 12:56	WG1849932
p-Isopropyltoluene	U		0.000120	0.00100	1	04/18/2022 12:56	WG1849932
2-Butanone (MEK)	U		0.00119	0.0100	1	04/18/2022 12:56	WG1849932
2-Hexanone	U		0.000787	0.0100	1	04/18/2022 12:56	WG1849932
Methylene Chloride	U		0.000430	0.00500	1	04/18/2022 12:56	WG1849932
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/18/2022 12:56	WG1849932
Methyl tert-butyl ether	0.00308		0.000101	0.00100	1	04/18/2022 12:56	WG1849932
Naphthalene	U		0.00100	0.00500	1	04/18/2022 12:56	WG1849932
n-Propylbenzene	0.000414	J	0.0000993	0.00100	1	04/18/2022 12:56	WG1849932
Styrene	U		0.000118	0.00100	1	04/18/2022 12:56	WG1849932
tert-Butyl alcohol	U		0.00406	0.00500	1	04/18/2022 12:56	WG1849932
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/18/2022 12:56	WG1849932
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/18/2022 12:56	WG1849932
Tetrachloroethene	U		0.000300	0.00100	1	04/18/2022 12:56	WG1849932
Toluene	U		0.000278	0.00100	1	04/18/2022 12:56	WG1849932
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/18/2022 12:56	WG1849932
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/18/2022 12:56	WG1849932
Trichloroethene	U		0.000190	0.00100	1	04/18/2022 12:56	WG1849932
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/18/2022 12:56	WG1849932
1,3,5-Trimethylbenzene	0.000358	B J	0.000104	0.00100	1	04/18/2022 12:56	WG1849932
Vinyl chloride	U		0.000234	0.00100	1	04/18/2022 12:56	WG1849932
o-Xylene	U		0.000174	0.00100	1	04/18/2022 12:56	WG1849932
m&p-Xylene	U		0.000430	0.00200	1	04/18/2022 12:56	WG1849932
Xylenes, Total	U		0.000174	0.00300	1	04/18/2022 12:56	WG1849932
(S) Toluene-d8	*101*			*80.0-120*		*04/18/2022 12:56*	WG1849932
(S) 4-Bromofluorobenzene	*101*			*77.0-126*		*04/18/2022 12:56*	WG1849932
(S) 1,2-Dichloroethane-d4	*101*			*70.0-130*		*04/18/2022 12:56*	WG1849932

EDB / DBCP by Method 8011

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Ethylene Dibromide	U		0.00000568	0.0000212	1.06	04/19/2022 20:27	WG1850420

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.756		0.0247	0.100	1	04/26/2022 23:38	WG1853887
(S) o-Terphenyl	*115*			*31.0-160*		*04/26/2022 23:38*	WG1853887

Semi Volatile Organic Compounds (GC/MS) by Method 8270 C-mod

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,4-Dioxane	0.000464		0.0000447	0.000400	1	04/20/2022 21:45	WG1849822
(S) Nitrobenzene-d5	*67.3*			*10.0-120*		*04/20/2022 21:45*	WG1849822

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	2390		50.0	1	04/19/2022 13:14	WG1850635
Dissolved Solids	3330	Q	50.0	1	05/11/2022 13:46	WG1862182

Wet Chemistry by Method 353.2

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	U		0.0500	0.100	1	04/22/2022 15:01	WG1851916

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	273		37.9	100	100	04/20/2022 23:37	WG1851361
Fluoride	1.07		0.0640	0.150	1	04/20/2022 23:20	WG1851361
Sulfate	2360		59.4	500	100	04/20/2022 23:37	WG1851361

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00343		0.000180	0.00200	1	04/21/2022 22:04	WG1850339
Arsenic,Dissolved	0.00371		0.000180	0.00200	1	04/24/2022 18:47	WG1850302
Barium	0.00848		0.000381	0.00200	1	04/21/2022 22:04	WG1850339
Barium,Dissolved	0.00942		0.000381	0.00200	1	04/24/2022 18:47	WG1850302
Calcium	473		0.0936	1.00	1	04/21/2022 22:04	WG1850339
Chromium	U		0.00124	0.00200	1	04/21/2022 22:04	WG1850339
Chromium,Dissolved	0.00129	J	0.00124	0.00200	1	04/24/2022 18:47	WG1850302
Iron	U		0.0281	0.100	1	04/21/2022 22:04	WG1850339
Iron,Dissolved	U		0.0281	0.100	1	04/24/2022 18:47	WG1850302
Lead	U		0.000849	0.00200	1	04/21/2022 22:04	WG1850339
Lead,Dissolved	U		0.000849	0.00200	1	04/24/2022 18:47	WG1850302
Manganese	0.387		0.000704	0.00500	1	04/21/2022 22:04	WG1850339
Manganese,Dissolved	0.411		0.000704	0.00500	1	04/24/2022 18:47	WG1850302
Potassium	1.19	J	0.108	2.00	1	04/21/2022 22:04	WG1850339
Selenium	0.000565	J	0.000300	0.00200	1	04/21/2022 22:04	WG1850339
Selenium,Dissolved	0.000765	J	0.000300	0.00200	1	04/24/2022 18:47	WG1850302
Sodium	189		0.376	2.00	1	04/21/2022 22:04	WG1850339

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	U		0.0314	0.100	1	04/19/2022 21:57	WG1851115
(S) a,a,a-Trifluorotoluene(FID)	*109*			*78.0-120*		*04/19/2022 21:57*	WG1851115

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/18/2022 13:17	WG1849932
Benzene	U		0.0000941	0.00100	1	04/18/2022 13:17	WG1849932
Bromodichloromethane	U		0.000136	0.00100	1	04/18/2022 13:17	WG1849932
Bromoform	U		0.000129	0.00100	1	04/18/2022 13:17	WG1849932
Bromomethane	U		0.000605	0.00500	1	04/18/2022 13:17	WG1849932
n-Butylbenzene	U		0.000157	0.00100	1	04/18/2022 13:17	WG1849932
sec-Butylbenzene	0.000199	J	0.000125	0.00100	1	04/18/2022 13:17	WG1849932
Carbon disulfide	0.000347	J	0.0000962	0.00100	1	04/18/2022 13:17	WG1849932

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Carbon tetrachloride	U		0.000128	0.00100	1	04/18/2022 13:17	WG1849932
Chlorobenzene	U		0.000116	0.00100	1	04/18/2022 13:17	WG1849932
Chlorodibromomethane	U		0.000140	0.00100	1	04/18/2022 13:17	WG1849932
Chloroethane	U		0.000192	0.00500	1	04/18/2022 13:17	WG1849932
Chloroform	U		0.000111	0.00500	1	04/18/2022 13:17	WG1849932
Chloromethane	U		0.000960	0.00250	1	04/18/2022 13:17	WG1849932
1,2-Dibromoethane	U		0.000126	0.00100	1	04/18/2022 13:17	WG1849932
1,1-Dichloroethane	U		0.000100	0.00100	1	04/18/2022 13:17	WG1849932
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/18/2022 13:17	WG1849932
1,1-Dichloroethene	U		0.000188	0.00100	1	04/18/2022 13:17	WG1849932
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/18/2022 13:17	WG1849932
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/18/2022 13:17	WG1849932
1,2-Dichloropropane	U		0.000149	0.00100	1	04/18/2022 13:17	WG1849932
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/18/2022 13:17	WG1849932
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/18/2022 13:17	WG1849932
Ethylbenzene	U		0.000137	0.00100	1	04/18/2022 13:17	WG1849932
Isopropylbenzene	U		0.000105	0.00100	1	04/18/2022 13:17	WG1849932
p-Isopropyltoluene	U		0.000120	0.00100	1	04/18/2022 13:17	WG1849932
2-Butanone (MEK)	U		0.00119	0.0100	1	04/18/2022 13:17	WG1849932
2-Hexanone	U		0.000787	0.0100	1	04/18/2022 13:17	WG1849932
Methylene Chloride	U		0.000430	0.00500	1	04/18/2022 13:17	WG1849932
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/18/2022 13:17	WG1849932
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/18/2022 13:17	WG1849932
Naphthalene	U		0.00100	0.00500	1	04/18/2022 13:17	WG1849932
n-Propylbenzene	U		0.0000993	0.00100	1	04/18/2022 13:17	WG1849932
Styrene	U		0.000118	0.00100	1	04/18/2022 13:17	WG1849932
tert-Butyl alcohol	U		0.00406	0.00500	1	04/18/2022 13:17	WG1849932
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/18/2022 13:17	WG1849932
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/18/2022 13:17	WG1849932
Tetrachloroethene	U		0.000300	0.00100	1	04/18/2022 13:17	WG1849932
Toluene	U		0.000278	0.00100	1	04/18/2022 13:17	WG1849932
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/18/2022 13:17	WG1849932
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/18/2022 13:17	WG1849932
Trichloroethene	U		0.000190	0.00100	1	04/18/2022 13:17	WG1849932
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/18/2022 13:17	WG1849932
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/18/2022 13:17	WG1849932
Vinyl chloride	U		0.000234	0.00100	1	04/18/2022 13:17	WG1849932
o-Xylene	U		0.000174	0.00100	1	04/18/2022 13:17	WG1849932
m&p-Xylene	U		0.000430	0.00200	1	04/18/2022 13:17	WG1849932
Xylenes, Total	U		0.000174	0.00300	1	04/18/2022 13:17	WG1849932
(S) Toluene-d8	*101*			*80.0-120*		*04/18/2022 13:17*	WG1849932
(S) 4-Bromofluorobenzene	*99.7*			*77.0-126*		*04/18/2022 13:17*	WG1849932
(S) 1,2-Dichloroethane-d4	*103*			*70.0-130*		*04/18/2022 13:17*	WG1849932

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.122		0.0247	0.100	1	04/27/2022 00:04	WG1853887
(S) o-Terphenyl	*101*			*31.0-160*		*04/27/2022 00:04*	WG1853887

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	2370		50.0	1	04/19/2022 13:14	WG1850635

Wet Chemistry by Method 353.2

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	U		0.0500	0.100	1	04/22/2022 15:56	WG1851916

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	177		37.9	100	100	04/21/2022 00:10	WG1851361
Fluoride	0.511		0.0640	0.150	1	04/20/2022 23:53	WG1851361
Sulfate	975		59.4	500	100	04/21/2022 00:10	WG1851361

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.000677	J	0.000180	0.00200	1	04/21/2022 22:22	WG1850339
Arsenic,Dissolved	0.000770	J	0.000180	0.00200	1	04/24/2022 18:50	WG1850302
Barium	0.0331		0.000381	0.00200	1	04/21/2022 22:22	WG1850339
Barium,Dissolved	0.0350		0.000381	0.00200	1	04/24/2022 18:50	WG1850302
Calcium	278		0.0936	1.00	1	04/21/2022 22:22	WG1850339
Chromium	U		0.00124	0.00200	1	04/21/2022 22:22	WG1850339
Chromium,Dissolved	U		0.00124	0.00200	1	04/24/2022 18:50	WG1850302
Iron	0.998		0.0281	0.100	1	04/21/2022 22:22	WG1850339
Iron,Dissolved	1.13		0.0281	0.100	1	04/24/2022 18:50	WG1850302
Lead	U		0.000849	0.00200	1	04/21/2022 22:22	WG1850339
Lead,Dissolved	U		0.000849	0.00200	1	04/24/2022 18:50	WG1850302
Manganese	1.16		0.000704	0.00500	1	04/21/2022 22:22	WG1850339
Manganese,Dissolved	1.36		0.000704	0.00500	1	04/24/2022 18:50	WG1850302
Potassium	0.471	J	0.108	2.00	1	04/21/2022 22:22	WG1850339
Selenium	U		0.000300	0.00200	1	04/21/2022 22:22	WG1850339
Selenium,Dissolved	U		0.000300	0.00200	1	04/24/2022 18:50	WG1850302
Sodium	149		0.376	2.00	1	04/21/2022 22:22	WG1850339

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	1.24		0.0314	0.100	1	04/19/2022 22:19	WG1851115
(S) a,a,a-Trifluorotoluene(FID)	*99.5*			*78.0-120*		*04/19/2022 22:19*	WG1851115

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/18/2022 13:37	WG1849932
Benzene	0.0524		0.0000941	0.00100	1	04/18/2022 13:37	WG1849932
Bromodichloromethane	U		0.000136	0.00100	1	04/18/2022 13:37	WG1849932
Bromoform	U		0.000129	0.00100	1	04/18/2022 13:37	WG1849932
Bromomethane	U		0.000605	0.00500	1	04/18/2022 13:37	WG1849932
n-Butylbenzene	U		0.000157	0.00100	1	04/18/2022 13:37	WG1849932
sec-Butylbenzene	0.00107		0.000125	0.00100	1	04/18/2022 13:37	WG1849932
Carbon disulfide	0.000473	J	0.0000962	0.00100	1	04/18/2022 13:37	WG1849932
Carbon tetrachloride	U		0.000128	0.00100	1	04/18/2022 13:37	WG1849932

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chlorobenzene	U		0.000116	0.00100	1	04/18/2022 13:37	WG1849932
Chlorodibromomethane	U		0.000140	0.00100	1	04/18/2022 13:37	WG1849932
Chloroethane	U		0.000192	0.00500	1	04/18/2022 13:37	WG1849932
Chloroform	U		0.000111	0.00500	1	04/18/2022 13:37	WG1849932
Chloromethane	U		0.000960	0.00250	1	04/18/2022 13:37	WG1849932
1,2-Dibromoethane	U		0.000126	0.00100	1	04/18/2022 13:37	WG1849932
1,1-Dichloroethane	U		0.000100	0.00100	1	04/18/2022 13:37	WG1849932
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/18/2022 13:37	WG1849932
1,1-Dichloroethene	U		0.000188	0.00100	1	04/18/2022 13:37	WG1849932
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/18/2022 13:37	WG1849932
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/18/2022 13:37	WG1849932
1,2-Dichloropropane	U		0.000149	0.00100	1	04/18/2022 13:37	WG1849932
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/18/2022 13:37	WG1849932
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/18/2022 13:37	WG1849932
Ethylbenzene	0.0227		0.000137	0.00100	1	04/18/2022 13:37	WG1849932
Isopropylbenzene	0.00334		0.000105	0.00100	1	04/18/2022 13:37	WG1849932
p-Isopropyltoluene	U		0.000120	0.00100	1	04/18/2022 13:37	WG1849932
2-Butanone (MEK)	U		0.00119	0.0100	1	04/18/2022 13:37	WG1849932
2-Hexanone	U		0.000787	0.0100	1	04/18/2022 13:37	WG1849932
Methylene Chloride	U		0.000430	0.00500	1	04/18/2022 13:37	WG1849932
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/18/2022 13:37	WG1849932
Methyl tert-butyl ether	0.0136		0.000101	0.00100	1	04/18/2022 13:37	WG1849932
Naphthalene	0.00163	J	0.00100	0.00500	1	04/18/2022 13:37	WG1849932
n-Propylbenzene	0.00367		0.0000993	0.00100	1	04/18/2022 13:37	WG1849932
Styrene	U		0.000118	0.00100	1	04/18/2022 13:37	WG1849932
tert-Butyl alcohol	U		0.00406	0.00500	1	04/18/2022 13:37	WG1849932
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/18/2022 13:37	WG1849932
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/18/2022 13:37	WG1849932
Tetrachloroethene	U		0.000300	0.00100	1	04/18/2022 13:37	WG1849932
Toluene	0.00121		0.000278	0.00100	1	04/18/2022 13:37	WG1849932
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/18/2022 13:37	WG1849932
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/18/2022 13:37	WG1849932
Trichloroethene	U		0.000190	0.00100	1	04/18/2022 13:37	WG1849932
1,2,4-Trimethylbenzene	0.0542		0.000322	0.00100	1	04/18/2022 13:37	WG1849932
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/18/2022 13:37	WG1849932
Vinyl chloride	U		0.000234	0.00100	1	04/18/2022 13:37	WG1849932
o-Xylene	0.000520	J	0.000174	0.00100	1	04/18/2022 13:37	WG1849932
m&p-Xylene	0.102		0.000430	0.00200	1	04/18/2022 13:37	WG1849932
Xylenes, Total	0.103		0.000174	0.00300	1	04/18/2022 13:37	WG1849932
(S) Toluene-d8	*109*			*80.0-120*		*04/18/2022 13:37*	WG1849932
(S) 4-Bromofluorobenzene	*101*			*77.0-126*		*04/18/2022 13:37*	WG1849932
(S) 1,2-Dichloroethane-d4	*89.0*			*70.0-130*		*04/18/2022 13:37*	WG1849932

EDB / DBCP by Method 8011

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Ethylene Dibromide	U		0.00000552	0.0000206	1.03	04/19/2022 20:39	WG1850420

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.334		0.0247	0.100	1	04/27/2022 00:30	WG1853887
(S) o-Terphenyl	*102*			*31.0-160*		*04/27/2022 00:30*	WG1853887

DUP-REST-01
Collected date/time: 04/13/22 12:00
L1482988

Semi Volatile Organic Compounds (GC/MS) by Method 8270 C-mod

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
1,4-Dioxane	U		0.0000447	0.000400	1	04/20/2022 20:48	WG1849822
(S) Nitrobenzene-d5	*73.5*			*10.0-120*		*04/20/2022 20:48*	WG1849822

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Dissolved Solids	ND		10.0	1	04/19/2022 19:08	WG1850638

Wet Chemistry by Method 353.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Nitrate-Nitrite	U		0.0500	0.100	1	04/22/2022 15:57	WG1851916

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Chloride	U		0.379	1.00	1	04/21/2022 00:26	WG1851361
Fluoride	U		0.0640	0.150	1	04/21/2022 00:26	WG1851361
Sulfate	U		0.594	5.00	1	04/21/2022 00:26	WG1851361

Metals (ICPMS) by Method 6020

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Arsenic	U		0.000180	0.00200	1	04/21/2022 22:26	WG1850339
Arsenic,Dissolved	U		0.000180	0.00200	1	04/24/2022 18:54	WG1850302
Barium	U		0.000381	0.00200	1	04/21/2022 22:26	WG1850339
Barium,Dissolved	U		0.000381	0.00200	1	04/24/2022 18:54	WG1850302
Calcium	0.109	B J	0.0936	1.00	1	04/21/2022 22:26	WG1850339
Chromium	U		0.00124	0.00200	1	04/21/2022 22:26	WG1850339
Chromium,Dissolved	U		0.00124	0.00200	1	04/24/2022 18:54	WG1850302
Iron	U		0.0281	0.100	1	04/21/2022 22:26	WG1850339
Iron,Dissolved	U		0.0281	0.100	1	04/24/2022 18:54	WG1850302
Lead	U		0.000849	0.00200	1	04/21/2022 22:26	WG1850339
Lead,Dissolved	U		0.000849	0.00200	1	04/24/2022 18:54	WG1850302
Manganese	U		0.000704	0.00500	1	04/21/2022 22:26	WG1850339
Manganese,Dissolved	0.00139	J	0.000704	0.00500	1	04/24/2022 18:54	WG1850302
Potassium	U		0.108	2.00	1	04/21/2022 22:26	WG1850339
Selenium	U		0.000300	0.00200	1	04/21/2022 22:26	WG1850339
Selenium,Dissolved	U		0.000300	0.00200	1	04/24/2022 18:54	WG1850302
Sodium	U		0.376	2.00	1	04/21/2022 22:26	WG1850339

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
TPH (GC/FID) Low Fraction	U		0.0314	0.100	1	04/19/2022 22:40	WG1851115
(S) a,a,a-Trifluorotoluene(FID)	*111*			*78.0-120*		*04/19/2022 22:40*	WG1851115

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Acetone	U		0.0113	0.0500	1	04/18/2022 13:58	WG1849932
Benzene	U		0.0000941	0.00100	1	04/18/2022 13:58	WG1849932
Bromodichloromethane	U		0.000136	0.00100	1	04/18/2022 13:58	WG1849932
Bromoform	U		0.000129	0.00100	1	04/18/2022 13:58	WG1849932
Bromomethane	U		0.000605	0.00500	1	04/18/2022 13:58	WG1849932
n-Butylbenzene	U		0.000157	0.00100	1	04/18/2022 13:58	WG1849932
sec-Butylbenzene	0.000162	J	0.000125	0.00100	1	04/18/2022 13:58	WG1849932
Carbon disulfide	0.000341	J	0.0000962	0.00100	1	04/18/2022 13:58	WG1849932
Carbon tetrachloride	U		0.000128	0.00100	1	04/18/2022 13:58	WG1849932

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chlorobenzene	U		0.000116	0.00100	1	04/18/2022 13:58	WG1849932
Chlorodibromomethane	U		0.000140	0.00100	1	04/18/2022 13:58	WG1849932
Chloroethane	U		0.000192	0.00500	1	04/18/2022 13:58	WG1849932
Chloroform	U		0.000111	0.00500	1	04/18/2022 13:58	WG1849932
Chloromethane	U		0.000960	0.00250	1	04/18/2022 13:58	WG1849932
1,2-Dibromoethane	U		0.000126	0.00100	1	04/18/2022 13:58	WG1849932
1,1-Dichloroethane	U		0.000100	0.00100	1	04/18/2022 13:58	WG1849932
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/18/2022 13:58	WG1849932
1,1-Dichloroethene	U		0.000188	0.00100	1	04/18/2022 13:58	WG1849932
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/18/2022 13:58	WG1849932
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/18/2022 13:58	WG1849932
1,2-Dichloropropane	U		0.000149	0.00100	1	04/18/2022 13:58	WG1849932
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/18/2022 13:58	WG1849932
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/18/2022 13:58	WG1849932
Ethylbenzene	U		0.000137	0.00100	1	04/18/2022 13:58	WG1849932
Isopropylbenzene	U		0.000105	0.00100	1	04/18/2022 13:58	WG1849932
p-Isopropyltoluene	U		0.000120	0.00100	1	04/18/2022 13:58	WG1849932
2-Butanone (MEK)	U		0.00119	0.0100	1	04/18/2022 13:58	WG1849932
2-Hexanone	U		0.000787	0.0100	1	04/18/2022 13:58	WG1849932
Methylene Chloride	U		0.000430	0.00500	1	04/18/2022 13:58	WG1849932
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/18/2022 13:58	WG1849932
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/18/2022 13:58	WG1849932
Naphthalene	U		0.00100	0.00500	1	04/18/2022 13:58	WG1849932
n-Propylbenzene	U		0.0000993	0.00100	1	04/18/2022 13:58	WG1849932
Styrene	U		0.000118	0.00100	1	04/18/2022 13:58	WG1849932
tert-Butyl alcohol	U		0.00406	0.00500	1	04/18/2022 13:58	WG1849932
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/18/2022 13:58	WG1849932
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/18/2022 13:58	WG1849932
Tetrachloroethene	U		0.000300	0.00100	1	04/18/2022 13:58	WG1849932
Toluene	U		0.000278	0.00100	1	04/18/2022 13:58	WG1849932
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/18/2022 13:58	WG1849932
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/18/2022 13:58	WG1849932
Trichloroethene	U		0.000190	0.00100	1	04/18/2022 13:58	WG1849932
1,2,4-Trimethylbenzene	0.000506	J	0.000322	0.00100	1	04/18/2022 13:58	WG1849932
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/18/2022 13:58	WG1849932
Vinyl chloride	U		0.000234	0.00100	1	04/18/2022 13:58	WG1849932
o-Xylene	U		0.000174	0.00100	1	04/18/2022 13:58	WG1849932
m&p-Xylene	U		0.000430	0.00200	1	04/18/2022 13:58	WG1849932
Xylenes, Total	U		0.000174	0.00300	1	04/18/2022 13:58	WG1849932
(S) Toluene-d8	*109*			*80.0-120*		*04/18/2022 13:58*	WG1849932
(S) 4-Bromofluorobenzene	*97.4*			*77.0-126*		*04/18/2022 13:58*	WG1849932
(S) 1,2-Dichloroethane-d4	*89.8*			*70.0-130*		*04/18/2022 13:58*	WG1849932

EDB / DBCP by Method 8011

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Ethylene Dibromide	U		0.00000552	0.0000206	1.03	04/19/2022 20:51	WG1850420

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.0262	J	0.0247	0.100	1	04/27/2022 00:56	WG1853887
(S) o-Terphenyl	*101*			*31.0-160*		*04/27/2022 00:56*	WG1853887

LB-REST-01
Collected date/time: 04/13/22 17:20
L1482988

Semi Volatile Organic Compounds (GC/MS) by Method 8270 C-mod

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
1,4-Dioxane	U		0.0000447	0.000400	1	04/20/2022 15:40	WG1849822
(S) Nitrobenzene-d5	*80.0*			*10.0-120*		*04/20/2022 15:40*	WG1849822

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	3750		50.0	1	04/19/2022 19:08	WG1850638

Wet Chemistry by Method 353.2

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	0.676		0.0500	0.100	1	04/22/2022 16:01	WG1851916

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	289		37.9	100	100	04/21/2022 05:30	WG1851537
Fluoride	0.935		0.0640	0.150	1	04/21/2022 05:14	WG1851537
Sulfate	2610		59.4	500	100	04/21/2022 05:30	WG1851537

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00334		0.000180	0.00200	1	04/21/2022 22:29	WG1850339
Arsenic,Dissolved	0.00353		0.000180	0.00200	1	04/24/2022 18:57	WG1850302
Barium	0.00859		0.000381	0.00200	1	04/21/2022 22:29	WG1850339
Barium,Dissolved	0.00932		0.000381	0.00200	1	04/24/2022 18:57	WG1850302
Calcium	461		0.0936	1.00	1	04/21/2022 22:29	WG1850339
Chromium	0.00192	J	0.00124	0.00200	1	04/21/2022 22:29	WG1850339
Chromium,Dissolved	U		0.00124	0.00200	1	04/24/2022 18:57	WG1850302
Iron	0.0328	J	0.0281	0.100	1	04/21/2022 22:29	WG1850339
Iron,Dissolved	U		0.0281	0.100	1	04/24/2022 18:57	WG1850302
Lead	U		0.000849	0.00200	1	04/21/2022 22:29	WG1850339
Lead,Dissolved	U		0.000849	0.00200	1	04/24/2022 18:57	WG1850302
Manganese	0.00566		0.000704	0.00500	1	04/21/2022 22:29	WG1850339
Manganese,Dissolved	0.00713		0.000704	0.00500	1	04/24/2022 18:57	WG1850302
Potassium	1.62	J	0.108	2.00	1	04/21/2022 22:29	WG1850339
Selenium	0.00441		0.000300	0.00200	1	04/21/2022 22:29	WG1850339
Selenium,Dissolved	0.00512		0.000300	0.00200	1	04/24/2022 18:57	WG1850302
Sodium	224		0.376	2.00	1	04/21/2022 22:29	WG1850339

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	U		0.0314	0.100	1	04/19/2022 23:02	WG1851115
(S) a,a,a-Trifluorotoluene(FID)	*109*			*78.0-120*		*04/19/2022 23:02*	WG1851115

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/18/2022 14:18	WG1849932
Benzene	U		0.0000941	0.00100	1	04/18/2022 14:18	WG1849932
Bromodichloromethane	U		0.000136	0.00100	1	04/18/2022 14:18	WG1849932
Bromoform	U		0.000129	0.00100	1	04/18/2022 14:18	WG1849932
Bromomethane	U		0.000605	0.00500	1	04/18/2022 14:18	WG1849932
n-Butylbenzene	U		0.000157	0.00100	1	04/18/2022 14:18	WG1849932
sec-Butylbenzene	U		0.000125	0.00100	1	04/18/2022 14:18	WG1849932
Carbon disulfide	0.000395	J	0.0000962	0.00100	1	04/18/2022 14:18	WG1849932
Carbon tetrachloride	U		0.000128	0.00100	1	04/18/2022 14:18	WG1849932

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chlorobenzene	U		0.000116	0.00100	1	04/18/2022 14:18	WG1849932
Chlorodibromomethane	U		0.000140	0.00100	1	04/18/2022 14:18	WG1849932
Chloroethane	U		0.000192	0.00500	1	04/18/2022 14:18	WG1849932
Chloroform	U		0.000111	0.00500	1	04/18/2022 14:18	WG1849932
Chloromethane	U		0.000960	0.00250	1	04/18/2022 14:18	WG1849932
1,2-Dibromoethane	U		0.000126	0.00100	1	04/18/2022 14:18	WG1849932
1,1-Dichloroethane	U		0.000100	0.00100	1	04/18/2022 14:18	WG1849932
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/18/2022 14:18	WG1849932
1,1-Dichloroethene	U		0.000188	0.00100	1	04/18/2022 14:18	WG1849932
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/18/2022 14:18	WG1849932
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/18/2022 14:18	WG1849932
1,2-Dichloropropane	U		0.000149	0.00100	1	04/18/2022 14:18	WG1849932
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/18/2022 14:18	WG1849932
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/18/2022 14:18	WG1849932
Ethylbenzene	U		0.000137	0.00100	1	04/18/2022 14:18	WG1849932
Isopropylbenzene	U		0.000105	0.00100	1	04/18/2022 14:18	WG1849932
p-Isopropyltoluene	U		0.000120	0.00100	1	04/18/2022 14:18	WG1849932
2-Butanone (MEK)	U		0.00119	0.0100	1	04/18/2022 14:18	WG1849932
2-Hexanone	U		0.000787	0.0100	1	04/18/2022 14:18	WG1849932
Methylene Chloride	U		0.000430	0.00500	1	04/18/2022 14:18	WG1849932
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/18/2022 14:18	WG1849932
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/18/2022 14:18	WG1849932
Naphthalene	U		0.00100	0.00500	1	04/18/2022 14:18	WG1849932
n-Propylbenzene	U		0.0000993	0.00100	1	04/18/2022 14:18	WG1849932
Styrene	U		0.000118	0.00100	1	04/18/2022 14:18	WG1849932
tert-Butyl alcohol	U		0.00406	0.00500	1	04/18/2022 14:18	WG1849932
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/18/2022 14:18	WG1849932
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/18/2022 14:18	WG1849932
Tetrachloroethene	U		0.000300	0.00100	1	04/18/2022 14:18	WG1849932
Toluene	U		0.000278	0.00100	1	04/18/2022 14:18	WG1849932
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/18/2022 14:18	WG1849932
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/18/2022 14:18	WG1849932
Trichloroethene	U		0.000190	0.00100	1	04/18/2022 14:18	WG1849932
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/18/2022 14:18	WG1849932
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/18/2022 14:18	WG1849932
Vinyl chloride	U		0.000234	0.00100	1	04/18/2022 14:18	WG1849932
o-Xylene	U		0.000174	0.00100	1	04/18/2022 14:18	WG1849932
m&p-Xylene	U		0.000430	0.00200	1	04/18/2022 14:18	WG1849932
Xylenes, Total	U		0.000174	0.00300	1	04/18/2022 14:18	WG1849932
(S) Toluene-d8	*106*			*80.0-120*		*04/18/2022 14:18*	WG1849932
(S) 4-Bromofluorobenzene	*95.4*			*77.0-126*		*04/18/2022 14:18*	WG1849932
(S) 1,2-Dichloroethane-d4	*93.6*			*70.0-130*		*04/18/2022 14:18*	WG1849932

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.104		0.0247	0.100	1	04/27/2022 01:22	WG1853887
(S) o-Terphenyl	*96.8*			*31.0-160*		*04/27/2022 01:22*	WG1853887

Semi Volatile Organic Compounds (GC/MS) by Method 8270 C-mod

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,4-Dioxane	U		0.0000469	0.000420	1.05	04/20/2022 15:59	WG1849822
(S) Nitrobenzene-d5	*71.2*			*10.0-120*		*04/20/2022 15:59*	WG1849822

Wet Chemistry by Method 353.2

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	U		0.0500	0.100	1	04/22/2022 16:02	WG1851916

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	U	J6	0.379	1.00	1	04/21/2022 05:46	WG1851537
Fluoride	U	J6	0.0640	0.150	1	04/21/2022 05:46	WG1851537
Sulfate	U	J6	0.594	5.00	1	04/21/2022 05:46	WG1851537

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	U		0.000180	0.00200	1	04/21/2022 22:33	WG1850339
Arsenic,Dissolved	U		0.000180	0.00200	1	04/24/2022 19:01	WG1850302
Barium	0.000836	J	0.000381	0.00200	1	04/21/2022 22:33	WG1850339
Barium,Dissolved	0.000632	J	0.000381	0.00200	1	04/24/2022 19:01	WG1850302
Calcium	0.181	B J	0.0936	1.00	1	04/21/2022 22:33	WG1850339
Chromium	U		0.00124	0.00200	1	04/21/2022 22:33	WG1850339
Chromium,Dissolved	U		0.00124	0.00200	1	04/24/2022 19:01	WG1850302
Iron	U		0.0281	0.100	1	04/21/2022 22:33	WG1850339
Iron,Dissolved	U		0.0281	0.100	1	04/24/2022 19:01	WG1850302
Lead	U		0.000849	0.00200	1	04/21/2022 22:33	WG1850339
Lead,Dissolved	U		0.000849	0.00200	1	04/24/2022 19:01	WG1850302
Manganese	U		0.000704	0.00500	1	04/21/2022 22:33	WG1850339
Manganese,Dissolved	U		0.000704	0.00500	1	04/24/2022 19:01	WG1850302
Potassium	U		0.108	2.00	1	04/21/2022 22:33	WG1850339
Selenium	U		0.000300	0.00200	1	04/21/2022 22:33	WG1850339
Selenium,Dissolved	U		0.000300	0.00200	1	04/24/2022 19:01	WG1850302
Sodium	U		0.376	2.00	1	04/21/2022 22:33	WG1850339

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	U		0.0314	0.100	1	04/19/2022 23:23	WG1851115
(S) a,a,a-Trifluorotoluene(FID)	*110*			*78.0-120*		*04/19/2022 23:23*	WG1851115

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/18/2022 14:38	WG1849932
Benzene	U		0.0000941	0.00100	1	04/18/2022 14:38	WG1849932
Bromodichloromethane	U		0.000136	0.00100	1	04/18/2022 14:38	WG1849932
Bromoform	U		0.000129	0.00100	1	04/18/2022 14:38	WG1849932
Bromomethane	U		0.000605	0.00500	1	04/18/2022 14:38	WG1849932
n-Butylbenzene	U		0.000157	0.00100	1	04/18/2022 14:38	WG1849932
sec-Butylbenzene	U		0.000125	0.00100	1	04/18/2022 14:38	WG1849932
Carbon disulfide	0.000343	J	0.0000962	0.00100	1	04/18/2022 14:38	WG1849932
Carbon tetrachloride	U		0.000128	0.00100	1	04/18/2022 14:38	WG1849932
Chlorobenzene	U		0.000116	0.00100	1	04/18/2022 14:38	WG1849932
Chlorodibromomethane	U		0.000140	0.00100	1	04/18/2022 14:38	WG1849932
Chloroethane	U		0.000192	0.00500	1	04/18/2022 14:38	WG1849932
Chloroform	U		0.000111	0.00500	1	04/18/2022 14:38	WG1849932
Chloromethane	U		0.000960	0.00250	1	04/18/2022 14:38	WG1849932

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,2-Dibromoethane	U		0.000126	0.00100	1	04/18/2022 14:38	WG1849932
1,1-Dichloroethane	U		0.000100	0.00100	1	04/18/2022 14:38	WG1849932
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/18/2022 14:38	WG1849932
1,1-Dichloroethene	U		0.000188	0.00100	1	04/18/2022 14:38	WG1849932
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/18/2022 14:38	WG1849932
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/18/2022 14:38	WG1849932
1,2-Dichloropropane	U		0.000149	0.00100	1	04/18/2022 14:38	WG1849932
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/18/2022 14:38	WG1849932
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/18/2022 14:38	WG1849932
Ethylbenzene	U		0.000137	0.00100	1	04/18/2022 14:38	WG1849932
Isopropylbenzene	U		0.000105	0.00100	1	04/18/2022 14:38	WG1849932
p-Isopropyltoluene	U		0.000120	0.00100	1	04/18/2022 14:38	WG1849932
2-Butanone (MEK)	U		0.00119	0.0100	1	04/18/2022 14:38	WG1849932
2-Hexanone	U		0.000787	0.0100	1	04/18/2022 14:38	WG1849932
Methylene Chloride	U		0.000430	0.00500	1	04/18/2022 14:38	WG1849932
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/18/2022 14:38	WG1849932
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/18/2022 14:38	WG1849932
Naphthalene	U		0.00100	0.00500	1	04/18/2022 14:38	WG1849932
n-Propylbenzene	U		0.0000993	0.00100	1	04/18/2022 14:38	WG1849932
Styrene	U		0.000118	0.00100	1	04/18/2022 14:38	WG1849932
tert-Butyl alcohol	U		0.00406	0.00500	1	04/18/2022 14:38	WG1849932
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/18/2022 14:38	WG1849932
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/18/2022 14:38	WG1849932
Tetrachloroethene	U		0.000300	0.00100	1	04/18/2022 14:38	WG1849932
Toluene	U		0.000278	0.00100	1	04/18/2022 14:38	WG1849932
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/18/2022 14:38	WG1849932
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/18/2022 14:38	WG1849932
Trichloroethene	U		0.000190	0.00100	1	04/18/2022 14:38	WG1849932
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/18/2022 14:38	WG1849932
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/18/2022 14:38	WG1849932
Vinyl chloride	U		0.000234	0.00100	1	04/18/2022 14:38	WG1849932
o-Xylene	U		0.000174	0.00100	1	04/18/2022 14:38	WG1849932
m&p-Xylene	U		0.000430	0.00200	1	04/18/2022 14:38	WG1849932
Xylenes, Total	U		0.000174	0.00300	1	04/18/2022 14:38	WG1849932
(S) Toluene-d8	*106*			*80.0-120*		*04/18/2022 14:38*	WG1849932
(S) 4-Bromofluorobenzene	*97.8*			*77.0-126*		*04/18/2022 14:38*	WG1849932
(S) 1,2-Dichloroethane-d4	*90.6*			*70.0-130*		*04/18/2022 14:38*	WG1849932

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.0366	J	0.0247	0.100	1	04/27/2022 01:48	WG1853887
(S) o-Terphenyl	*111*			*31.0-160*		*04/27/2022 01:48*	WG1853887

Semi Volatile Organic Compounds (GC/MS) by Method 8270 C-mod

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,4-Dioxane	U		0.0000469	0.000420	1.05	04/20/2022 16:18	WG1849822
(S) Nitrobenzene-d5	*78.1*			*10.0-120*		*04/20/2022 16:18*	WG1849822

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/18/2022 10:13	WG1849932
Benzene	U		0.0000941	0.00100	1	04/18/2022 10:13	WG1849932
Bromodichloromethane	U		0.000136	0.00100	1	04/18/2022 10:13	WG1849932
Bromoform	U		0.000129	0.00100	1	04/18/2022 10:13	WG1849932
Bromomethane	U		0.000605	0.00500	1	04/18/2022 10:13	WG1849932
n-Butylbenzene	U		0.000157	0.00100	1	04/18/2022 10:13	WG1849932
sec-Butylbenzene	U		0.000125	0.00100	1	04/18/2022 10:13	WG1849932
Carbon disulfide	0.000341	J	0.0000962	0.00100	1	04/18/2022 10:13	WG1849932
Carbon tetrachloride	U		0.000128	0.00100	1	04/18/2022 10:13	WG1849932
Chlorobenzene	U		0.000116	0.00100	1	04/18/2022 10:13	WG1849932
Chlorodibromomethane	U		0.000140	0.00100	1	04/18/2022 10:13	WG1849932
Chloroethane	U		0.000192	0.00500	1	04/18/2022 10:13	WG1849932
Chloroform	U		0.000111	0.00500	1	04/18/2022 10:13	WG1849932
Chloromethane	U		0.000960	0.00250	1	04/18/2022 10:13	WG1849932
1,2-Dibromoethane	U		0.000126	0.00100	1	04/18/2022 10:13	WG1849932
1,1-Dichloroethane	U		0.000100	0.00100	1	04/18/2022 10:13	WG1849932
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/18/2022 10:13	WG1849932
1,1-Dichloroethene	U		0.000188	0.00100	1	04/18/2022 10:13	WG1849932
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/18/2022 10:13	WG1849932
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/18/2022 10:13	WG1849932
1,2-Dichloropropane	U		0.000149	0.00100	1	04/18/2022 10:13	WG1849932
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/18/2022 10:13	WG1849932
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/18/2022 10:13	WG1849932
Ethylbenzene	U		0.000137	0.00100	1	04/18/2022 10:13	WG1849932
Isopropylbenzene	U		0.000105	0.00100	1	04/18/2022 10:13	WG1849932
p-Isopropyltoluene	U		0.000120	0.00100	1	04/18/2022 10:13	WG1849932
2-Butanone (MEK)	U		0.00119	0.0100	1	04/18/2022 10:13	WG1849932
2-Hexanone	U		0.000787	0.0100	1	04/18/2022 10:13	WG1849932
Methylene Chloride	U		0.000430	0.00500	1	04/18/2022 10:13	WG1849932
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/18/2022 10:13	WG1849932
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/18/2022 10:13	WG1849932
Naphthalene	U		0.00100	0.00500	1	04/18/2022 10:13	WG1849932
n-Propylbenzene	U		0.0000993	0.00100	1	04/18/2022 10:13	WG1849932
Styrene	U		0.000118	0.00100	1	04/18/2022 10:13	WG1849932
tert-Butyl alcohol	U		0.00406	0.00500	1	04/18/2022 10:13	WG1849932
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/18/2022 10:13	WG1849932
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/18/2022 10:13	WG1849932
Tetrachloroethene	U		0.000300	0.00100	1	04/18/2022 10:13	WG1849932
Toluene	U		0.000278	0.00100	1	04/18/2022 10:13	WG1849932
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/18/2022 10:13	WG1849932
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/18/2022 10:13	WG1849932
Trichloroethene	U		0.000190	0.00100	1	04/18/2022 10:13	WG1849932
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/18/2022 10:13	WG1849932
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/18/2022 10:13	WG1849932
Vinyl chloride	U		0.000234	0.00100	1	04/18/2022 10:13	WG1849932
o-Xylene	U		0.000174	0.00100	1	04/18/2022 10:13	WG1849932
m&p-Xylene	U		0.000430	0.00200	1	04/18/2022 10:13	WG1849932
Xylenes, Total	U		0.000174	0.00300	1	04/18/2022 10:13	WG1849932
(S) Toluene-d8	*104*			*80.0-120*		*04/18/2022 10:13*	WG1849932
(S) 4-Bromofluorobenzene	*105*			*77.0-126*		*04/18/2022 10:13*	WG1849932
(S) 1,2-Dichloroethane-d4	*102*			*70.0-130*		*04/18/2022 10:13*	WG1849932

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	6700		200	1	04/19/2022 19:08	WG1850638
Dissolved Solids	8280	Q	200	1	05/11/2022 12:13	WG1862144

Wet Chemistry by Method 353.2

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	U		0.500	1.00	10	04/22/2022 16:03	WG1851916

Sample Narrative:

L1482988-49 WG1851916: Dilution due to sulfide hits.

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	4670		37.9	100	100	04/21/2022 06:52	WG1851537
Fluoride	4.33		0.0640	0.150	1	04/21/2022 06:36	WG1851537
Sulfate	67.2		0.594	5.00	1	04/21/2022 06:36	WG1851537

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00192	J	0.000180	0.00200	1	04/21/2022 22:37	WG1850339
Arsenic,Dissolved	0.00218		0.000180	0.00200	1	04/24/2022 19:17	WG1850302
Barium	1.51		0.000381	0.00200	1	04/21/2022 22:37	WG1850339
Barium,Dissolved	1.67		0.000381	0.00200	1	04/24/2022 19:17	WG1850302
Calcium	81.5		0.0936	1.00	1	04/21/2022 22:37	WG1850339
Chromium	0.00278		0.00124	0.00200	1	04/21/2022 22:37	WG1850339
Chromium,Dissolved	0.00143	J	0.00124	0.00200	1	04/24/2022 19:17	WG1850302
Iron	0.0607	J	0.0281	0.100	1	04/21/2022 22:37	WG1850339
Iron,Dissolved	0.0343	J	0.0281	0.100	1	04/24/2022 19:17	WG1850302
Lead	U		0.000849	0.00200	1	04/21/2022 22:37	WG1850339
Lead,Dissolved	0.000864	J	0.000849	0.00200	1	04/24/2022 19:17	WG1850302
Manganese	0.00535		0.000704	0.00500	1	04/21/2022 22:37	WG1850339
Manganese,Dissolved	0.00373	J	0.000704	0.00500	1	04/24/2022 19:17	WG1850302
Potassium	1.06	J	0.108	2.00	1	04/21/2022 22:37	WG1850339
Selenium	U		0.000300	0.00200	1	04/21/2022 22:37	WG1850339
Selenium,Dissolved	U		0.000300	0.00200	1	04/24/2022 19:17	WG1850302
Sodium	2800		1.88	10.0	5	04/21/2022 23:27	WG1850339

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	5.10		0.157	0.500	5	04/21/2022 20:38	WG1852280
(S) a,a,a-Trifluorotoluene(FID)	*96.9*			*78.0-120*		*04/21/2022 20:38*	WG1852280

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.113	0.500	10	04/18/2022 18:44	WG1849932
Benzene	1.23		0.000941	0.0100	10	04/18/2022 18:44	WG1849932
Bromodichloromethane	U		0.00136	0.0100	10	04/18/2022 18:44	WG1849932
Bromoform	U		0.00129	0.0100	10	04/18/2022 18:44	WG1849932
Bromomethane	U		0.00605	0.0500	10	04/18/2022 18:44	WG1849932

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
n-Butylbenzene	0.00722	B J	0.00157	0.0100	10	04/18/2022 18:44	WG1849932
sec-Butylbenzene	0.00549	J	0.00125	0.0100	10	04/18/2022 18:44	WG1849932
Carbon disulfide	0.00474	J	0.000962	0.0100	10	04/18/2022 18:44	WG1849932
Carbon tetrachloride	U		0.00128	0.0100	10	04/18/2022 18:44	WG1849932
Chlorobenzene	U		0.00116	0.0100	10	04/18/2022 18:44	WG1849932
Chlorodibromomethane	U		0.00140	0.0100	10	04/18/2022 18:44	WG1849932
Chloroethane	U		0.00192	0.0500	10	04/18/2022 18:44	WG1849932
Chloroform	U		0.00111	0.0500	10	04/18/2022 18:44	WG1849932
Chloromethane	U		0.00960	0.0250	10	04/18/2022 18:44	WG1849932
1,2-Dibromoethane	U		0.00126	0.0100	10	04/18/2022 18:44	WG1849932
1,1-Dichloroethane	U		0.00100	0.0100	10	04/18/2022 18:44	WG1849932
1,2-Dichloroethane	U		0.000819	0.0100	10	04/18/2022 18:44	WG1849932
1,1-Dichloroethene	U		0.00188	0.0100	10	04/18/2022 18:44	WG1849932
cis-1,2-Dichloroethene	U		0.00126	0.0100	10	04/18/2022 18:44	WG1849932
trans-1,2-Dichloroethene	U		0.00149	0.0100	10	04/18/2022 18:44	WG1849932
1,2-Dichloropropane	U		0.00149	0.0100	10	04/18/2022 18:44	WG1849932
cis-1,3-Dichloropropene	U		0.00111	0.0100	10	04/18/2022 18:44	WG1849932
trans-1,3-Dichloropropene	U		0.00118	0.0100	10	04/18/2022 18:44	WG1849932
Ethylbenzene	0.00309	J	0.00137	0.0100	10	04/18/2022 18:44	WG1849932
Isopropylbenzene	0.0251		0.00105	0.0100	10	04/18/2022 18:44	WG1849932
p-Isopropyltoluene	U		0.00120	0.0100	10	04/18/2022 18:44	WG1849932
2-Butanone (MEK)	U		0.0119	0.100	10	04/18/2022 18:44	WG1849932
2-Hexanone	U		0.00787	0.100	10	04/18/2022 18:44	WG1849932
Methylene Chloride	U		0.00430	0.0500	10	04/18/2022 18:44	WG1849932
4-Methyl-2-pentanone (MIBK)	U		0.00478	0.100	10	04/18/2022 18:44	WG1849932
Methyl tert-butyl ether	U		0.00101	0.0100	10	04/18/2022 18:44	WG1849932
Naphthalene	U		0.0100	0.0500	10	04/18/2022 18:44	WG1849932
n-Propylbenzene	0.0318		0.000993	0.0100	10	04/18/2022 18:44	WG1849932
Styrene	U		0.00118	0.0100	10	04/18/2022 18:44	WG1849932
tert-Butyl alcohol	0.192		0.0406	0.0500	10	04/18/2022 18:44	WG1849932
1,1,1,2-Tetrachloroethane	U		0.00147	0.0100	10	04/18/2022 18:44	WG1849932
1,1,2,2-Tetrachloroethane	U		0.00133	0.0100	10	04/18/2022 18:44	WG1849932
Tetrachloroethene	U		0.00300	0.0100	10	04/18/2022 18:44	WG1849932
Toluene	0.00847	J	0.00278	0.0100	10	04/18/2022 18:44	WG1849932
1,1,1-Trichloroethane	U		0.00149	0.0100	10	04/18/2022 18:44	WG1849932
1,1,2-Trichloroethane	U		0.00158	0.0100	10	04/18/2022 18:44	WG1849932
Trichloroethene	U		0.00190	0.0100	10	04/18/2022 18:44	WG1849932
1,2,4-Trimethylbenzene	U		0.00322	0.0100	10	04/18/2022 18:44	WG1849932
1,3,5-Trimethylbenzene	U		0.00104	0.0100	10	04/18/2022 18:44	WG1849932
Vinyl chloride	U		0.00234	0.0100	10	04/18/2022 18:44	WG1849932
o-Xylene	U		0.00174	0.0100	10	04/18/2022 18:44	WG1849932
m&p-Xylene	U		0.00430	0.0200	10	04/18/2022 18:44	WG1849932
Xylenes, Total	U		0.00174	0.0300	10	04/18/2022 18:44	WG1849932
(S) Toluene-d8	*109*			*80.0-120*		*04/18/2022 18:44*	WG1849932
(S) 4-Bromofluorobenzene	*101*			*77.0-126*		*04/18/2022 18:44*	WG1849932
(S) 1,2-Dichloroethane-d4	*88.1*			*70.0-130*		*04/18/2022 18:44*	WG1849932

Sample Narrative:

L1482988-49 WG1849932: Lowest possible dilution due to sample foaming.

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	5.37		0.0247	0.100	1	04/27/2022 02:14	WG1853887
(S) o-Terphenyl	*102*			*31.0-160*		*04/27/2022 02:14*	WG1853887

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	1060		20.0	1	04/19/2022 19:08	WG1850638

Wet Chemistry by Method 353.2

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	U		0.500	1.00	10	04/22/2022 16:05	WG1851916

Sample Narrative:

L1482988-50 WG1851916: Dilution due to sulfide hits.

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	41.6		0.379	1.00	1	04/21/2022 07:08	WG1851537
Fluoride	1.28		0.0640	0.150	1	04/21/2022 07:08	WG1851537
Sulfate	623		5.94	50.0	10	04/30/2022 19:12	WG1856364

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00185	J	0.000180	0.00200	1	04/21/2022 22:41	WG1850339
Arsenic,Dissolved	0.00208		0.000180	0.00200	1	04/24/2022 19:20	WG1850302
Barium	0.0180		0.000381	0.00200	1	04/21/2022 22:41	WG1850339
Barium,Dissolved	0.0192		0.000381	0.00200	1	04/24/2022 19:20	WG1850302
Calcium	190		0.0936	1.00	1	04/21/2022 22:41	WG1850339
Chromium	0.00174	J	0.00124	0.00200	1	04/21/2022 22:41	WG1850339
Chromium,Dissolved	0.00191	J	0.00124	0.00200	1	04/24/2022 19:20	WG1850302
Iron	0.0432	J	0.0281	0.100	1	04/21/2022 22:41	WG1850339
Iron,Dissolved	0.0289	J	0.0281	0.100	1	04/24/2022 19:20	WG1850302
Lead	U		0.000849	0.00200	1	04/21/2022 22:41	WG1850339
Lead,Dissolved	U		0.000849	0.00200	1	04/24/2022 19:20	WG1850302
Manganese	0.0173		0.000704	0.00500	1	04/21/2022 22:41	WG1850339
Manganese,Dissolved	0.0180		0.000704	0.00500	1	04/24/2022 19:20	WG1850302
Potassium	3.79		0.108	2.00	1	04/21/2022 22:41	WG1850339
Selenium	U		0.000300	0.00200	1	04/21/2022 22:41	WG1850339
Selenium,Dissolved	U		0.000300	0.00200	1	04/24/2022 19:20	WG1850302
Sodium	47.4		0.376	2.00	1	04/21/2022 22:41	WG1850339

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	0.813		0.0314	0.100	1	04/19/2022 23:45	WG1851115
(S) a,a,a-Trifluorotoluene(FID)	*106*			*78.0-120*		*04/19/2022 23:45*	WG1851115

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/18/2022 14:59	WG1849932
Benzene	0.0135		0.0000941	0.00100	1	04/18/2022 14:59	WG1849932
Bromodichloromethane	U		0.000136	0.00100	1	04/18/2022 14:59	WG1849932
Bromoform	U		0.000129	0.00100	1	04/18/2022 14:59	WG1849932
Bromomethane	U		0.000605	0.00500	1	04/18/2022 14:59	WG1849932
n-Butylbenzene	U		0.000157	0.00100	1	04/18/2022 14:59	WG1849932

MW-104
Collected date/time: 04/13/22 09:55
L1482988

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
sec-Butylbenzene	0.0389		0.000125	0.00100	1	04/18/2022 14:59	WG1849932
Carbon disulfide	0.000579	J	0.0000962	0.00100	1	04/18/2022 14:59	WG1849932
Carbon tetrachloride	U		0.000128	0.00100	1	04/18/2022 14:59	WG1849932
Chlorobenzene	U		0.000116	0.00100	1	04/18/2022 14:59	WG1849932
Chlorodibromomethane	U		0.000140	0.00100	1	04/18/2022 14:59	WG1849932
Chloroethane	U		0.000192	0.00500	1	04/18/2022 14:59	WG1849932
Chloroform	U		0.000111	0.00500	1	04/18/2022 14:59	WG1849932
Chloromethane	U		0.000960	0.00250	1	04/18/2022 14:59	WG1849932
1,2-Dibromoethane	U		0.000126	0.00100	1	04/18/2022 14:59	WG1849932
1,1-Dichloroethane	U		0.000100	0.00100	1	04/18/2022 14:59	WG1849932
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/18/2022 14:59	WG1849932
1,1-Dichloroethene	U		0.000188	0.00100	1	04/18/2022 14:59	WG1849932
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/18/2022 14:59	WG1849932
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/18/2022 14:59	WG1849932
1,2-Dichloropropane	U		0.000149	0.00100	1	04/18/2022 14:59	WG1849932
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/18/2022 14:59	WG1849932
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/18/2022 14:59	WG1849932
Ethylbenzene	0.000232	J	0.000137	0.00100	1	04/18/2022 14:59	WG1849932
Isopropylbenzene	0.0173		0.000105	0.00100	1	04/18/2022 14:59	WG1849932
p-Isopropyltoluene	U		0.000120	0.00100	1	04/18/2022 14:59	WG1849932
2-Butanone (MEK)	U		0.00119	0.0100	1	04/18/2022 14:59	WG1849932
2-Hexanone	U		0.000787	0.0100	1	04/18/2022 14:59	WG1849932
Methylene Chloride	U		0.000430	0.00500	1	04/18/2022 14:59	WG1849932
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/18/2022 14:59	WG1849932
Methyl tert-butyl ether	0.000592	J	0.000101	0.00100	1	04/18/2022 14:59	WG1849932
Naphthalene	U		0.00100	0.00500	1	04/18/2022 14:59	WG1849932
n-Propylbenzene	0.00230		0.0000993	0.00100	1	04/18/2022 14:59	WG1849932
Styrene	U		0.000118	0.00100	1	04/18/2022 14:59	WG1849932
tert-Butyl alcohol	0.00515		0.00406	0.00500	1	04/18/2022 14:59	WG1849932
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/18/2022 14:59	WG1849932
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/18/2022 14:59	WG1849932
Tetrachloroethene	U		0.000300	0.00100	1	04/18/2022 14:59	WG1849932
Toluene	U		0.000278	0.00100	1	04/18/2022 14:59	WG1849932
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/18/2022 14:59	WG1849932
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/18/2022 14:59	WG1849932
Trichloroethene	U		0.000190	0.00100	1	04/18/2022 14:59	WG1849932
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/18/2022 14:59	WG1849932
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/18/2022 14:59	WG1849932
Vinyl chloride	U		0.000234	0.00100	1	04/18/2022 14:59	WG1849932
o-Xylene	U		0.000174	0.00100	1	04/18/2022 14:59	WG1849932
m&p-Xylene	U		0.000430	0.00200	1	04/18/2022 14:59	WG1849932
Xylenes, Total	U		0.000174	0.00300	1	04/18/2022 14:59	WG1849932
(S) Toluene-d8	*95.4*			*80.0-120*		*04/18/2022 14:59*	WG1849932
(S) 4-Bromofluorobenzene	*85.8*			*77.0-126*		*04/18/2022 14:59*	WG1849932
(S) 1,2-Dichloroethane-d4	*91.1*			*70.0-130*		*04/18/2022 14:59*	WG1849932

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.888		0.0247	0.100	1	04/27/2022 11:04	WG1853887
(S) o-Terphenyl	*115*			*31.0-160*		*04/27/2022 11:04*	WG1853887

MW-104
Collected date/time: 04/13/22 09:55
L1482988

Semi Volatile Organic Compounds (GC/MS) by Method 8270 C-mod

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
1,4-Dioxane	U		0.0000447	0.000400	1	04/20/2022 16:38	WG1849822
(S) Nitrobenzene-d5	*61.5*			*10.0-120*		*04/20/2022 16:38*	WG1849822

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	1310		50.0	1	04/19/2022 19:08	WG1850638

Wet Chemistry by Method 353.2

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	U		0.500	1.00	10	04/22/2022 16:06	WG1851916

Sample Narrative:

L1482988-51 WG1851916: Dilution due to sulfide hits.

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	295		19.0	50.0	50	04/21/2022 08:30	WG1851537
Fluoride	0.619		0.0640	0.150	1	04/21/2022 08:14	WG1851537
Sulfate	1.81	J	0.594	5.00	1	04/21/2022 08:14	WG1851537

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.0231		0.000180	0.00200	1	04/21/2022 22:44	WG1850339
Arsenic,Dissolved	0.0252		0.000180	0.00200	1	04/24/2022 19:24	WG1850302
Barium	2.13		0.000381	0.00200	1	04/21/2022 22:44	WG1850339
Barium,Dissolved	2.29		0.000381	0.00200	1	04/24/2022 19:24	WG1850302
Calcium	79.2		0.0936	1.00	1	04/21/2022 22:44	WG1850339
Chromium	U		0.00124	0.00200	1	04/21/2022 22:44	WG1850339
Chromium,Dissolved	U		0.00124	0.00200	1	04/24/2022 19:24	WG1850302
Iron	0.0716	J	0.0281	0.100	1	04/21/2022 22:44	WG1850339
Iron,Dissolved	U		0.0281	0.100	1	04/24/2022 19:24	WG1850302
Lead	U		0.000849	0.00200	1	04/21/2022 22:44	WG1850339
Lead,Dissolved	0.000880	J	0.000849	0.00200	1	04/24/2022 19:24	WG1850302
Manganese	0.0566		0.000704	0.00500	1	04/21/2022 22:44	WG1850339
Manganese,Dissolved	0.0616		0.000704	0.00500	1	04/24/2022 19:24	WG1850302
Potassium	0.571	J	0.108	2.00	1	04/21/2022 22:44	WG1850339
Selenium	0.000401	J	0.000300	0.00200	1	04/21/2022 22:44	WG1850339
Selenium,Dissolved	U		0.000300	0.00200	1	04/24/2022 19:24	WG1850302
Sodium	318		0.376	2.00	1	04/21/2022 22:44	WG1850339

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	110		0.785	2.50	25	04/20/2022 01:11	WG1851115
(S) a,a,a-Trifluorotoluene(FID)	*105*			*78.0-120*		*04/20/2022 01:11*	WG1851115

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.282	1.25	25	04/18/2022 19:04	WG1849932
Benzene	23.8		0.0471	0.500	500	04/19/2022 15:41	WG1850745
Bromodichloromethane	U		0.00340	0.0250	25	04/18/2022 19:04	WG1849932
Bromoform	U		0.00322	0.0250	25	04/18/2022 19:04	WG1849932
Bromomethane	U		0.0151	0.125	25	04/18/2022 19:04	WG1849932
n-Butylbenzene	U		0.00393	0.0250	25	04/18/2022 19:04	WG1849932

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
sec-Butylbenzene	U		0.00313	0.0250	25	04/18/2022 19:04	WG1849932
Carbon disulfide	0.0101	J	0.00241	0.0250	25	04/18/2022 19:04	WG1849932
Carbon tetrachloride	U		0.00320	0.0250	25	04/18/2022 19:04	WG1849932
Chlorobenzene	U		0.00290	0.0250	25	04/18/2022 19:04	WG1849932
Chlorodibromomethane	U		0.00350	0.0250	25	04/18/2022 19:04	WG1849932
Chloroethane	U		0.00480	0.125	25	04/18/2022 19:04	WG1849932
Chloroform	U		0.00278	0.125	25	04/18/2022 19:04	WG1849932
Chloromethane	U		0.0240	0.0625	25	04/18/2022 19:04	WG1849932
1,2-Dibromoethane	U		0.00315	0.0250	25	04/18/2022 19:04	WG1849932
1,1-Dichloroethane	U		0.00250	0.0250	25	04/18/2022 19:04	WG1849932
1,2-Dichloroethane	U		0.00205	0.0250	25	04/18/2022 19:04	WG1849932
1,1-Dichloroethene	U		0.00470	0.0250	25	04/18/2022 19:04	WG1849932
cis-1,2-Dichloroethene	U		0.00315	0.0250	25	04/18/2022 19:04	WG1849932
trans-1,2-Dichloroethene	U		0.00373	0.0250	25	04/18/2022 19:04	WG1849932
1,2-Dichloropropane	U		0.00373	0.0250	25	04/18/2022 19:04	WG1849932
cis-1,3-Dichloropropene	U		0.00278	0.0250	25	04/18/2022 19:04	WG1849932
trans-1,3-Dichloropropene	U		0.00295	0.0250	25	04/18/2022 19:04	WG1849932
Ethylbenzene	1.65		0.00343	0.0250	25	04/18/2022 19:04	WG1849932
Isopropylbenzene	0.0451		0.00263	0.0250	25	04/18/2022 19:04	WG1849932
p-Isopropyltoluene	U		0.00300	0.0250	25	04/18/2022 19:04	WG1849932
2-Butanone (MEK)	U		0.0298	0.250	25	04/18/2022 19:04	WG1849932
2-Hexanone	U		0.0197	0.250	25	04/18/2022 19:04	WG1849932
Methylene Chloride	U		0.0107	0.125	25	04/18/2022 19:04	WG1849932
4-Methyl-2-pentanone (MIBK)	U		0.0120	0.250	25	04/18/2022 19:04	WG1849932
Methyl tert-butyl ether	0.505		0.00253	0.0250	25	04/18/2022 19:04	WG1849932
Naphthalene	0.141		0.0250	0.125	25	04/18/2022 19:04	WG1849932
n-Propylbenzene	0.0663		0.00248	0.0250	25	04/18/2022 19:04	WG1849932
Styrene	U		0.00295	0.0250	25	04/18/2022 19:04	WG1849932
tert-Butyl alcohol	3.09		0.102	0.125	25	04/18/2022 19:04	WG1849932
1,1,1,2-Tetrachloroethane	U		0.00368	0.0250	25	04/18/2022 19:04	WG1849932
1,1,2,2-Tetrachloroethane	U		0.00333	0.0250	25	04/18/2022 19:04	WG1849932
Tetrachloroethene	U		0.00750	0.0250	25	04/18/2022 19:04	WG1849932
Toluene	12.4		0.139	0.500	500	04/19/2022 15:41	WG1850745
1,1,1-Trichloroethane	U		0.00373	0.0250	25	04/18/2022 19:04	WG1849932
1,1,2-Trichloroethane	U		0.00395	0.0250	25	04/18/2022 19:04	WG1849932
Trichloroethene	U		0.00475	0.0250	25	04/18/2022 19:04	WG1849932
1,2,4-Trimethylbenzene	0.483		0.00805	0.0250	25	04/18/2022 19:04	WG1849932
1,3,5-Trimethylbenzene	0.0957		0.00260	0.0250	25	04/18/2022 19:04	WG1849932
Vinyl chloride	U		0.00585	0.0250	25	04/18/2022 19:04	WG1849932
o-Xylene	1.43		0.00435	0.0250	25	04/18/2022 19:04	WG1849932
m&p-Xylene	3.58		0.0107	0.0500	25	04/18/2022 19:04	WG1849932
Xylenes, Total	5.01		0.00435	0.0750	25	04/18/2022 19:04	WG1849932
(S) Toluene-d8	*103*			*80.0-120*		*04/18/2022 19:04*	WG1849932
(S) Toluene-d8	*105*			*80.0-120*		*04/19/2022 15:41*	WG1850745
(S) 4-Bromofluorobenzene	*96.0*			*77.0-126*		*04/18/2022 19:04*	WG1849932
(S) 4-Bromofluorobenzene	*102*			*77.0-126*		*04/19/2022 15:41*	WG1850745
(S) 1,2-Dichloroethane-d4	*86.9*			*70.0-130*		*04/18/2022 19:04*	WG1849932
(S) 1,2-Dichloroethane-d4	*94.9*			*70.0-130*		*04/19/2022 15:41*	WG1850745

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	5.63		0.0247	0.100	1	04/27/2022 03:06	WG1853887
(S) o-Terphenyl	*92.1*			*31.0-160*		*04/27/2022 03:06*	WG1853887

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	1390		25.0	1	04/19/2022 19:08	WG1850638

Wet Chemistry by Method 353.2

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	U		2.50	5.00	50	04/22/2022 16:07	WG1851916

Sample Narrative:

L1482988-52 WG1851916: Dilution due to sulfide hits.

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	153		19.0	50.0	50	04/21/2022 09:03	WG1851537
Fluoride	0.815		0.0640	0.150	1	04/21/2022 08:47	WG1851537
Sulfate	23.3		0.594	5.00	1	04/21/2022 08:47	WG1851537

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.0138		0.000180	0.00200	1	04/21/2022 22:48	WG1850339
Arsenic,Dissolved	0.0164		0.000180	0.00200	1	04/24/2022 19:27	WG1850302
Barium	2.16		0.000381	0.00200	1	04/21/2022 22:48	WG1850339
Barium,Dissolved	2.52		0.000381	0.00200	1	04/24/2022 19:27	WG1850302
Calcium	77.1		0.0936	1.00	1	04/21/2022 22:48	WG1850339
Chromium	U		0.00124	0.00200	1	04/21/2022 22:48	WG1850339
Chromium,Dissolved	0.00157	J	0.00124	0.00200	1	04/24/2022 19:27	WG1850302
Iron	0.136		0.0281	0.100	1	04/21/2022 22:48	WG1850339
Iron,Dissolved	0.0893	J	0.0281	0.100	1	04/24/2022 19:27	WG1850302
Lead	0.00403		0.000849	0.00200	1	04/21/2022 22:48	WG1850339
Lead,Dissolved	0.00360		0.000849	0.00200	1	04/24/2022 19:27	WG1850302
Manganese	0.0412		0.000704	0.00500	1	04/21/2022 22:48	WG1850339
Manganese,Dissolved	0.0464		0.000704	0.00500	1	04/24/2022 19:27	WG1850302
Potassium	0.289	J	0.108	2.00	1	04/21/2022 22:48	WG1850339
Selenium	U		0.000300	0.00200	1	04/21/2022 22:48	WG1850339
Selenium,Dissolved	U		0.000300	0.00200	1	04/24/2022 19:27	WG1850302
Sodium	357		0.376	2.00	1	04/21/2022 22:48	WG1850339

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	43.0		1.57	5.00	50	04/20/2022 02:16	WG1851115
(S) a,a,a-Trifluorotoluene(FID)	*108*			*78.0-120*		*04/20/2022 02:16*	WG1851115

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.565	2.50	50	04/18/2022 19:25	WG1849932
Benzene	11.8		0.0471	0.500	500	04/19/2022 16:00	WG1850745
Bromodichloromethane	U		0.00680	0.0500	50	04/18/2022 19:25	WG1849932
Bromoform	U		0.00645	0.0500	50	04/18/2022 19:25	WG1849932
Bromomethane	U		0.0303	0.250	50	04/18/2022 19:25	WG1849932
n-Butylbenzene	0.0366	B J	0.00785	0.0500	50	04/18/2022 19:25	WG1849932

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
sec-Butylbenzene	0.0160	J	0.00625	0.0500	50	04/18/2022 19:25	WG1849932
Carbon disulfide	0.0230	J	0.00481	0.0500	50	04/18/2022 19:25	WG1849932
Carbon tetrachloride	U		0.00640	0.0500	50	04/18/2022 19:25	WG1849932
Chlorobenzene	U		0.00580	0.0500	50	04/18/2022 19:25	WG1849932
Chlorodibromomethane	U		0.00700	0.0500	50	04/18/2022 19:25	WG1849932
Chloroethane	U		0.00960	0.250	50	04/18/2022 19:25	WG1849932
Chloroform	U		0.00555	0.250	50	04/18/2022 19:25	WG1849932
Chloromethane	U		0.0480	0.125	50	04/18/2022 19:25	WG1849932
1,2-Dibromoethane	U		0.00630	0.0500	50	04/18/2022 19:25	WG1849932
1,1-Dichloroethane	U		0.00500	0.0500	50	04/18/2022 19:25	WG1849932
1,2-Dichloroethane	U		0.00409	0.0500	50	04/18/2022 19:25	WG1849932
1,1-Dichloroethene	U		0.00940	0.0500	50	04/18/2022 19:25	WG1849932
cis-1,2-Dichloroethene	U		0.00630	0.0500	50	04/18/2022 19:25	WG1849932
trans-1,2-Dichloroethene	U		0.00745	0.0500	50	04/18/2022 19:25	WG1849932
1,2-Dichloropropane	U		0.00745	0.0500	50	04/18/2022 19:25	WG1849932
cis-1,3-Dichloropropene	U		0.00555	0.0500	50	04/18/2022 19:25	WG1849932
trans-1,3-Dichloropropene	U		0.00590	0.0500	50	04/18/2022 19:25	WG1849932
Ethylbenzene	0.737		0.00685	0.0500	50	04/18/2022 19:25	WG1849932
Isopropylbenzene	0.0373	J	0.00525	0.0500	50	04/18/2022 19:25	WG1849932
p-Isopropyltoluene	0.0218	B J	0.00600	0.0500	50	04/18/2022 19:25	WG1849932
2-Butanone (MEK)	U		0.0595	0.500	50	04/18/2022 19:25	WG1849932
2-Hexanone	U		0.0394	0.500	50	04/18/2022 19:25	WG1849932
Methylene Chloride	U		0.0215	0.250	50	04/18/2022 19:25	WG1849932
4-Methyl-2-pentanone (MIBK)	U		0.0239	0.500	50	04/18/2022 19:25	WG1849932
Methyl tert-butyl ether	0.670		0.00505	0.0500	50	04/18/2022 19:25	WG1849932
Naphthalene	0.168	J	0.0500	0.250	50	04/18/2022 19:25	WG1849932
n-Propylbenzene	0.0680		0.00497	0.0500	50	04/18/2022 19:25	WG1849932
Styrene	U		0.00590	0.0500	50	04/18/2022 19:25	WG1849932
tert-Butyl alcohol	U		0.203	0.250	50	04/18/2022 19:25	WG1849932
1,1,1,2-Tetrachloroethane	U		0.00735	0.0500	50	04/18/2022 19:25	WG1849932
1,1,2,2-Tetrachloroethane	U		0.00665	0.0500	50	04/18/2022 19:25	WG1849932
Tetrachloroethene	U		0.0150	0.0500	50	04/18/2022 19:25	WG1849932
Toluene	0.338	J	0.139	0.500	500	04/19/2022 16:00	WG1850745
1,1,1-Trichloroethane	U		0.00745	0.0500	50	04/18/2022 19:25	WG1849932
1,1,2-Trichloroethane	U		0.00790	0.0500	50	04/18/2022 19:25	WG1849932
Trichloroethene	U		0.00950	0.0500	50	04/18/2022 19:25	WG1849932
1,2,4-Trimethylbenzene	0.119		0.0161	0.0500	50	04/18/2022 19:25	WG1849932
1,3,5-Trimethylbenzene	0.0326	B J	0.00520	0.0500	50	04/18/2022 19:25	WG1849932
Vinyl chloride	U		0.0117	0.0500	50	04/18/2022 19:25	WG1849932
o-Xylene	0.0672		0.00870	0.0500	50	04/18/2022 19:25	WG1849932
m&p-Xylene	0.413		0.0215	0.100	50	04/18/2022 19:25	WG1849932
Xylenes, Total	0.480		0.00870	0.150	50	04/18/2022 19:25	WG1849932
(S) Toluene-d8	*112*			*80.0-120*		*04/18/2022 19:25*	WG1849932
(S) Toluene-d8	*103*			*80.0-120*		*04/19/2022 16:00*	WG1850745
(S) 4-Bromofluorobenzene	*105*			*77.0-126*		*04/18/2022 19:25*	WG1849932
(S) 4-Bromofluorobenzene	*100*			*77.0-126*		*04/19/2022 16:00*	WG1850745
(S) 1,2-Dichloroethane-d4	*85.6*			*70.0-130*		*04/18/2022 19:25*	WG1849932
(S) 1,2-Dichloroethane-d4	*97.7*			*70.0-130*		*04/19/2022 16:00*	WG1850745

EDB / DBCP by Method 8011

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Ethylene Dibromide	U		0.00000552	0.0000206	1.03	04/19/2022 21:03	WG1850420

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

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
TPH (GC/FID) High Fraction	6.24		0.0247	0.100	1	04/27/2022 03:32	WG1853887
(S) o-Terphenyl	*85.3*			*31.0-160*		*04/27/2022 03:32*	WG1853887

Semi Volatile Organic Compounds (GC/MS) by Method 8270 C-mod

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
1,4-Dioxane	U		0.0000447	0.000400	1	04/20/2022 16:57	WG1849822
(S) Nitrobenzene-d5	*70.1*			*10.0-120*		*04/20/2022 16:57*	WG1849822

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	1480		50.0	1	04/19/2022 19:08	WG1850638

Wet Chemistry by Method 353.2

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	U		2.50	5.00	50	04/22/2022 16:12	WG1851916

Sample Narrative:

L1482988-53 WG1851916: Dilution due to sulfide hits.

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	218		19.0	50.0	50	04/21/2022 09:36	WG1851537
Fluoride	0.648		0.0640	0.150	1	04/21/2022 09:20	WG1851537
Sulfate	523		29.7	250	50	04/21/2022 09:36	WG1851537

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00552		0.000180	0.00200	1	04/21/2022 22:51	WG1850339
Arsenic,Dissolved	0.00546		0.000180	0.00200	1	04/24/2022 19:31	WG1850302
Barium	0.0742		0.000381	0.00200	1	04/21/2022 22:51	WG1850339
Barium,Dissolved	0.0788		0.000381	0.00200	1	04/24/2022 19:31	WG1850302
Calcium	223		0.0936	1.00	1	04/21/2022 22:51	WG1850339
Chromium	U		0.00124	0.00200	1	04/21/2022 22:51	WG1850339
Chromium,Dissolved	0.00358		0.00124	0.00200	1	04/24/2022 19:31	WG1850302
Iron	0.0784	J	0.0281	0.100	1	04/21/2022 22:51	WG1850339
Iron,Dissolved	0.0596	J	0.0281	0.100	1	04/24/2022 19:31	WG1850302
Lead	U		0.000849	0.00200	1	04/21/2022 22:51	WG1850339
Lead,Dissolved	0.00174	J	0.000849	0.00200	1	04/24/2022 19:31	WG1850302
Manganese	0.181		0.000704	0.00500	1	04/21/2022 22:51	WG1850339
Manganese,Dissolved	0.195		0.000704	0.00500	1	04/24/2022 19:31	WG1850302
Potassium	0.912	J	0.108	2.00	1	04/21/2022 22:51	WG1850339
Selenium	U		0.000300	0.00200	1	04/21/2022 22:51	WG1850339
Selenium,Dissolved	U		0.000300	0.00200	1	04/24/2022 19:31	WG1850302
Sodium	125		0.376	2.00	1	04/21/2022 22:51	WG1850339

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/18/2022 15:19	WG1849932
Benzene	0.0198		0.0000941	0.00100	1	04/18/2022 15:19	WG1849932
Bromodichloromethane	U		0.000136	0.00100	1	04/18/2022 15:19	WG1849932
Bromoform	U		0.000129	0.00100	1	04/18/2022 15:19	WG1849932
Bromomethane	U		0.000605	0.00500	1	04/18/2022 15:19	WG1849932
n-Butylbenzene	0.00559		0.000157	0.00100	1	04/18/2022 15:19	WG1849932
sec-Butylbenzene	0.00942		0.000125	0.00100	1	04/18/2022 15:19	WG1849932
Carbon disulfide	0.000676	J	0.0000962	0.00100	1	04/18/2022 15:19	WG1849932
Carbon tetrachloride	U		0.000128	0.00100	1	04/18/2022 15:19	WG1849932
Chlorobenzene	U		0.000116	0.00100	1	04/18/2022 15:19	WG1849932
Chlorodibromomethane	U		0.000140	0.00100	1	04/18/2022 15:19	WG1849932
Chloroethane	U		0.000192	0.00500	1	04/18/2022 15:19	WG1849932
Chloroform	U		0.000111	0.00500	1	04/18/2022 15:19	WG1849932

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloromethane	U		0.000960	0.00250	1	04/18/2022 15:19	WG1849932
1,2-Dibromoethane	U		0.000126	0.00100	1	04/18/2022 15:19	WG1849932
1,1-Dichloroethane	U		0.000100	0.00100	1	04/18/2022 15:19	WG1849932
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/18/2022 15:19	WG1849932
1,1-Dichloroethene	U		0.000188	0.00100	1	04/18/2022 15:19	WG1849932
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/18/2022 15:19	WG1849932
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/18/2022 15:19	WG1849932
1,2-Dichloropropane	U		0.000149	0.00100	1	04/18/2022 15:19	WG1849932
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/18/2022 15:19	WG1849932
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/18/2022 15:19	WG1849932
Ethylbenzene	0.00396		0.000137	0.00100	1	04/18/2022 15:19	WG1849932
Isopropylbenzene	0.0229		0.000105	0.00100	1	04/18/2022 15:19	WG1849932
p-Isopropyltoluene	0.00108	B	0.000120	0.00100	1	04/18/2022 15:19	WG1849932
2-Butanone (MEK)	U		0.00119	0.0100	1	04/18/2022 15:19	WG1849932
2-Hexanone	U		0.000787	0.0100	1	04/18/2022 15:19	WG1849932
Methylene Chloride	U		0.000430	0.00500	1	04/18/2022 15:19	WG1849932
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/18/2022 15:19	WG1849932
Methyl tert-butyl ether	0.0295		0.000101	0.00100	1	04/18/2022 15:19	WG1849932
Naphthalene	0.00193	J	0.00100	0.00500	1	04/18/2022 15:19	WG1849932
n-Propylbenzene	0.0331		0.0000993	0.00100	1	04/18/2022 15:19	WG1849932
Styrene	U		0.000118	0.00100	1	04/18/2022 15:19	WG1849932
tert-Butyl alcohol	0.0142		0.00406	0.00500	1	04/18/2022 15:19	WG1849932
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/18/2022 15:19	WG1849932
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/18/2022 15:19	WG1849932
Tetrachloroethene	U		0.000300	0.00100	1	04/18/2022 15:19	WG1849932
Toluene	0.00223		0.000278	0.00100	1	04/18/2022 15:19	WG1849932
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/18/2022 15:19	WG1849932
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/18/2022 15:19	WG1849932
Trichloroethene	U		0.000190	0.00100	1	04/18/2022 15:19	WG1849932
1,2,4-Trimethylbenzene	0.00184		0.000322	0.00100	1	04/18/2022 15:19	WG1849932
1,3,5-Trimethylbenzene	0.000602	B J	0.000104	0.00100	1	04/18/2022 15:19	WG1849932
Vinyl chloride	U		0.000234	0.00100	1	04/18/2022 15:19	WG1849932
o-Xylene	0.000508	J	0.000174	0.00100	1	04/18/2022 15:19	WG1849932
m&p-Xylene	0.00398		0.000430	0.00200	1	04/18/2022 15:19	WG1849932
Xylenes, Total	0.00449		0.000174	0.00300	1	04/18/2022 15:19	WG1849932
(S) Toluene-d8	*105*			*80.0-120*		*04/18/2022 15:19*	WG1849932
(S) 4-Bromofluorobenzene	*97.8*			*77.0-126*		*04/18/2022 15:19*	WG1849932
(S) 1,2-Dichloroethane-d4	*86.2*			*70.0-130*		*04/18/2022 15:19*	WG1849932

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	1.42		0.0247	0.100	1	04/27/2022 11:30	WG1853887
(S) o-Terphenyl	*111*			*31.0-160*		*04/27/2022 11:30*	WG1853887

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	1350		25.0	1	04/19/2022 19:08	WG1850638

Wet Chemistry by Method 353.2

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	U		2.50	5.00	50	04/22/2022 16:14	WG1851916

Sample Narrative:

L1482988-54 WG1851916: Dilution due to sulfide hits.

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	143		37.9	100	100	04/21/2022 10:09	WG1851537
Fluoride	0.812		0.0640	0.150	1	04/21/2022 09:52	WG1851537
Sulfate	23.5		0.594	5.00	1	04/21/2022 09:52	WG1851537

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.0140		0.000180	0.00200	1	04/21/2022 22:55	WG1850339
Arsenic,Dissolved	0.0159		0.000180	0.00200	1	04/24/2022 19:34	WG1850302
Barium	2.17		0.000381	0.00200	1	04/21/2022 22:55	WG1850339
Barium,Dissolved	2.52		0.000381	0.00200	1	04/24/2022 19:34	WG1850302
Calcium	78.1		0.0936	1.00	1	04/21/2022 22:55	WG1850339
Chromium	U		0.00124	0.00200	1	04/21/2022 22:55	WG1850339
Chromium,Dissolved	U		0.00124	0.00200	1	04/24/2022 19:34	WG1850302
Iron	0.0541	J	0.0281	0.100	1	04/21/2022 22:55	WG1850339
Iron,Dissolved	U		0.0281	0.100	1	04/24/2022 19:34	WG1850302
Lead	0.00356		0.000849	0.00200	1	04/21/2022 22:55	WG1850339
Lead,Dissolved	0.00372		0.000849	0.00200	1	04/24/2022 19:34	WG1850302
Manganese	0.0396		0.000704	0.00500	1	04/21/2022 22:55	WG1850339
Manganese,Dissolved	0.0447		0.000704	0.00500	1	04/24/2022 19:34	WG1850302
Potassium	0.297	J	0.108	2.00	1	04/21/2022 22:55	WG1850339
Selenium	U		0.000300	0.00200	1	04/21/2022 22:55	WG1850339
Selenium,Dissolved	U		0.000300	0.00200	1	04/24/2022 19:34	WG1850302
Sodium	361		0.376	2.00	1	04/21/2022 22:55	WG1850339

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	41.3		0.785	2.50	25	04/20/2022 01:33	WG1851115
(S) a,a,a-Trifluorotoluene(FID)	*105*			*78.0-120*		*04/20/2022 01:33*	WG1851115

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.282	1.25	25	04/18/2022 22:53	WG1850380
Benzene	14.4		0.0471	0.500	500	04/19/2022 16:05	WG1850793
Bromodichloromethane	U		0.00340	0.0250	25	04/18/2022 22:53	WG1850380
Bromoform	U		0.00322	0.0250	25	04/18/2022 22:53	WG1850380
Bromomethane	U		0.0151	0.125	25	04/18/2022 22:53	WG1850380
n-Butylbenzene	0.00601	J	0.00393	0.0250	25	04/18/2022 22:53	WG1850380

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
sec-Butylbenzene	0.0117	J	0.00313	0.0250	25	04/18/2022 22:53	WG1850380
Carbon disulfide	U		0.00241	0.0250	25	04/18/2022 22:53	WG1850380
Carbon tetrachloride	U		0.00320	0.0250	25	04/18/2022 22:53	WG1850380
Chlorobenzene	U		0.00290	0.0250	25	04/18/2022 22:53	WG1850380
Chlorodibromomethane	U		0.00350	0.0250	25	04/18/2022 22:53	WG1850380
Chloroethane	U		0.00480	0.125	25	04/18/2022 22:53	WG1850380
Chloroform	U		0.00278	0.125	25	04/18/2022 22:53	WG1850380
Chloromethane	U		0.0240	0.0625	25	04/18/2022 22:53	WG1850380
1,2-Dibromoethane	U		0.00315	0.0250	25	04/18/2022 22:53	WG1850380
1,1-Dichloroethane	U		0.00250	0.0250	25	04/18/2022 22:53	WG1850380
1,2-Dichloroethane	U		0.00205	0.0250	25	04/18/2022 22:53	WG1850380
1,1-Dichloroethene	U		0.00470	0.0250	25	04/18/2022 22:53	WG1850380
cis-1,2-Dichloroethene	U		0.00315	0.0250	25	04/18/2022 22:53	WG1850380
trans-1,2-Dichloroethene	U		0.00373	0.0250	25	04/18/2022 22:53	WG1850380
1,2-Dichloropropane	U		0.00373	0.0250	25	04/18/2022 22:53	WG1850380
cis-1,3-Dichloropropene	U		0.00278	0.0250	25	04/18/2022 22:53	WG1850380
trans-1,3-Dichloropropene	U		0.00295	0.0250	25	04/18/2022 22:53	WG1850380
Ethylbenzene	0.751		0.00343	0.0250	25	04/18/2022 22:53	WG1850380
Isopropylbenzene	0.0364		0.00263	0.0250	25	04/18/2022 22:53	WG1850380
p-Isopropyltoluene	0.00668	J	0.00300	0.0250	25	04/18/2022 22:53	WG1850380
2-Butanone (MEK)	U		0.0298	0.250	25	04/18/2022 22:53	WG1850380
2-Hexanone	U		0.0197	0.250	25	04/18/2022 22:53	WG1850380
Methylene Chloride	U		0.0107	0.125	25	04/18/2022 22:53	WG1850380
4-Methyl-2-pentanone (MIBK)	U		0.0120	0.250	25	04/18/2022 22:53	WG1850380
Methyl tert-butyl ether	0.706		0.00253	0.0250	25	04/18/2022 22:53	WG1850380
Naphthalene	0.112	J	0.0250	0.125	25	04/18/2022 22:53	WG1850380
n-Propylbenzene	0.0600		0.00248	0.0250	25	04/18/2022 22:53	WG1850380
Styrene	U		0.00295	0.0250	25	04/18/2022 22:53	WG1850380
tert-Butyl alcohol	0.316		0.102	0.125	25	04/18/2022 22:53	WG1850380
1,1,1,2-Tetrachloroethane	U		0.00368	0.0250	25	04/18/2022 22:53	WG1850380
1,1,2,2-Tetrachloroethane	U		0.00333	0.0250	25	04/18/2022 22:53	WG1850380
Tetrachloroethene	U		0.00750	0.0250	25	04/18/2022 22:53	WG1850380
Toluene	0.407		0.00695	0.0250	25	04/18/2022 22:53	WG1850380
1,1,1-Trichloroethane	U		0.00373	0.0250	25	04/18/2022 22:53	WG1850380
1,1,2-Trichloroethane	U		0.00395	0.0250	25	04/18/2022 22:53	WG1850380
Trichloroethene	U		0.00475	0.0250	25	04/18/2022 22:53	WG1850380
1,2,4-Trimethylbenzene	0.123		0.00805	0.0250	25	04/18/2022 22:53	WG1850380
1,3,5-Trimethylbenzene	0.0192	J	0.00260	0.0250	25	04/18/2022 22:53	WG1850380
Vinyl chloride	U		0.00585	0.0250	25	04/18/2022 22:53	WG1850380
o-Xylene	0.0565		0.00435	0.0250	25	04/18/2022 22:53	WG1850380
m&p-Xylene	0.397		0.0107	0.0500	25	04/18/2022 22:53	WG1850380
Xylenes, Total	0.454		0.00435	0.0750	25	04/18/2022 22:53	WG1850380
(S) Toluene-d8	*106*			*80.0-120*		*04/18/2022 22:53*	WG1850380
(S) Toluene-d8	*114*			*80.0-120*		*04/19/2022 16:05*	WG1850793
(S) 4-Bromofluorobenzene	*94.1*			*77.0-126*		*04/18/2022 22:53*	WG1850380
(S) 4-Bromofluorobenzene	*96.2*			*77.0-126*		*04/19/2022 16:05*	WG1850793
(S) 1,2-Dichloroethane-d4	*77.0*			*70.0-130*		*04/18/2022 22:53*	WG1850380
(S) 1,2-Dichloroethane-d4	*88.3*			*70.0-130*		*04/19/2022 16:05*	WG1850793

EDB / DBCP by Method 8011

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Ethylene Dibromide	U		0.00000557	0.0000208	1.04	04/19/2022 21:14	WG1850420

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
TPH (GC/FID) High Fraction	8.66		0.0247	0.100	1	04/26/2022 23:14	WG1853888
(S) o-Terphenyl	*166*	J1		*31.0-160*		*04/26/2022 23:14*	WG1853888

Sample Narrative:

L1482988-54 WG1853888: Surrogate failure due to matrix interference

Semi Volatile Organic Compounds (GC/MS) by Method 8270 C-mod

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
1,4-Dioxane	U		0.0000447	0.000400	1	04/20/2022 17:16	WG1849822
(S) Nitrobenzene-d5	*82.0*			*10.0-120*		*04/20/2022 17:16*	WG1849822

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	22.0		10.0	1	04/20/2022 18:25	WG1851757

Wet Chemistry by Method 353.2

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	U		0.0500	0.100	1	04/22/2022 16:15	WG1851916

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	U		0.379	1.00	1	04/21/2022 10:27	WG1851537
Fluoride	U		0.0640	0.150	1	04/21/2022 10:27	WG1851537
Sulfate	U		0.594	5.00	1	04/21/2022 10:27	WG1851537

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.000304	J	0.000180	0.00200	1	04/21/2022 23:09	WG1850339
Arsenic,Dissolved	0.000223	J	0.000180	0.00200	1	04/25/2022 14:25	WG1850306
Barium	0.00322		0.000381	0.00200	1	04/21/2022 23:09	WG1850339
Barium,Dissolved	U		0.000381	0.00200	1	04/25/2022 14:25	WG1850306
Calcium	1.50		0.0936	1.00	1	04/21/2022 23:09	WG1850339
Chromium	0.00146	J	0.00124	0.00200	1	04/21/2022 23:09	WG1850339
Chromium,Dissolved	0.00181	J	0.00124	0.00200	1	04/26/2022 11:55	WG1853681
Iron	0.0664	J	0.0281	0.100	1	04/21/2022 23:09	WG1850339
Iron,Dissolved	U		0.0281	0.100	1	04/25/2022 14:25	WG1850306
Lead	U		0.000849	0.00200	1	04/21/2022 23:09	WG1850339
Lead,Dissolved	U		0.000849	0.00200	1	04/25/2022 14:25	WG1850306
Manganese	0.00180	J	0.000704	0.00500	1	04/21/2022 23:09	WG1850339
Manganese,Dissolved	U		0.000704	0.00500	1	04/25/2022 14:25	WG1850306
Potassium	0.117	J	0.108	2.00	1	04/21/2022 23:09	WG1850339
Selenium	U		0.000300	0.00200	1	04/21/2022 23:09	WG1850339
Selenium,Dissolved	U		0.000300	0.00200	1	04/25/2022 14:25	WG1850306
Sodium	2.77		0.376	2.00	1	04/21/2022 23:09	WG1850339

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	U		0.0314	0.100	1	04/20/2022 00:07	WG1851115
(S) a,a,a-Trifluorotoluene(FID)	*110*			*78.0-120*		*04/20/2022 00:07*	WG1851115

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/18/2022 19:23	WG1850380
Benzene	0.00297		0.0000941	0.00100	1	04/18/2022 19:23	WG1850380
Bromodichloromethane	U		0.000136	0.00100	1	04/18/2022 19:23	WG1850380
Bromoform	U		0.000129	0.00100	1	04/18/2022 19:23	WG1850380
Bromomethane	U		0.000605	0.00500	1	04/18/2022 19:23	WG1850380
n-Butylbenzene	U		0.000157	0.00100	1	04/18/2022 19:23	WG1850380
sec-Butylbenzene	U		0.000125	0.00100	1	04/18/2022 19:23	WG1850380
Carbon disulfide	U		0.0000962	0.00100	1	04/18/2022 19:23	WG1850380
Carbon tetrachloride	U		0.000128	0.00100	1	04/18/2022 19:23	WG1850380

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chlorobenzene	U		0.000116	0.00100	1	04/18/2022 19:23	WG1850380
Chlorodibromomethane	U		0.000140	0.00100	1	04/18/2022 19:23	WG1850380
Chloroethane	U		0.000192	0.00500	1	04/18/2022 19:23	WG1850380
Chloroform	U		0.000111	0.00500	1	04/18/2022 19:23	WG1850380
Chloromethane	U		0.000960	0.00250	1	04/18/2022 19:23	WG1850380
1,2-Dibromoethane	U		0.000126	0.00100	1	04/18/2022 19:23	WG1850380
1,1-Dichloroethane	U		0.000100	0.00100	1	04/18/2022 19:23	WG1850380
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/18/2022 19:23	WG1850380
1,1-Dichloroethene	U		0.000188	0.00100	1	04/18/2022 19:23	WG1850380
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/18/2022 19:23	WG1850380
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/18/2022 19:23	WG1850380
1,2-Dichloropropane	U		0.000149	0.00100	1	04/18/2022 19:23	WG1850380
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/18/2022 19:23	WG1850380
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/18/2022 19:23	WG1850380
Ethylbenzene	U		0.000137	0.00100	1	04/18/2022 19:23	WG1850380
Isopropylbenzene	U		0.000105	0.00100	1	04/18/2022 19:23	WG1850380
p-Isopropyltoluene	U		0.000120	0.00100	1	04/18/2022 19:23	WG1850380
2-Butanone (MEK)	U		0.00119	0.0100	1	04/18/2022 19:23	WG1850380
2-Hexanone	U		0.000787	0.0100	1	04/18/2022 19:23	WG1850380
Methylene Chloride	U		0.000430	0.00500	1	04/18/2022 19:23	WG1850380
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/18/2022 19:23	WG1850380
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/18/2022 19:23	WG1850380
Naphthalene	U		0.00100	0.00500	1	04/18/2022 19:23	WG1850380
n-Propylbenzene	U		0.0000993	0.00100	1	04/18/2022 19:23	WG1850380
Styrene	U		0.000118	0.00100	1	04/18/2022 19:23	WG1850380
tert-Butyl alcohol	U		0.00406	0.00500	1	04/18/2022 19:23	WG1850380
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/18/2022 19:23	WG1850380
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/18/2022 19:23	WG1850380
Tetrachloroethene	U		0.000300	0.00100	1	04/18/2022 19:23	WG1850380
Toluene	U		0.000278	0.00100	1	04/18/2022 19:23	WG1850380
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/18/2022 19:23	WG1850380
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/18/2022 19:23	WG1850380
Trichloroethene	U		0.000190	0.00100	1	04/18/2022 19:23	WG1850380
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/18/2022 19:23	WG1850380
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/18/2022 19:23	WG1850380
Vinyl chloride	U		0.000234	0.00100	1	04/18/2022 19:23	WG1850380
o-Xylene	U		0.000174	0.00100	1	04/18/2022 19:23	WG1850380
m&p-Xylene	U		0.000430	0.00200	1	04/18/2022 19:23	WG1850380
Xylenes, Total	U		0.000174	0.00300	1	04/18/2022 19:23	WG1850380
(S) Toluene-d8	*109*			*80.0-120*		*04/18/2022 19:23*	WG1850380
(S) 4-Bromofluorobenzene	*97.2*			*77.0-126*		*04/18/2022 19:23*	WG1850380
(S) 1,2-Dichloroethane-d4	*81.8*			*70.0-130*		*04/18/2022 19:23*	WG1850380

EDB / DBCP by Method 8011

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Ethylene Dibromide	U		0.00000563	0.0000210	1.05	04/20/2022 20:27	WG1850932

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.0642	J	0.0247	0.100	1	04/26/2022 23:37	WG1853888
(S) o-Terphenyl	*107*			*31.0-160*		*04/26/2022 23:37*	WG1853888

LB-REST-02
Collected date/time: 04/13/22 16:20
L1482988

Semi Volatile Organic Compounds (GC/MS) by Method 8270 C-mod

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
1,4-Dioxane	U		0.0000447	0.000400	1	04/20/2022 17:35	WG1849822
(S) Nitrobenzene-d5	*81.1*			*10.0-120*		*04/20/2022 17:35*	WG1849822

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Dissolved Solids	1980		25.0	1	04/19/2022 19:08	WG1850638

Wet Chemistry by Method 353.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Nitrate-Nitrite	U		2.50	5.00	50	04/22/2022 16:16	WG1851916

Sample Narrative:

L1482988-56 WG1851916: Dilution due to sulfide hits.

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Chloride	50.7		0.379	1.00	1	04/30/2022 19:53	WG1856364
Fluoride	1.24		0.0640	0.150	1	04/30/2022 19:53	WG1856364
Sulfate	1020		59.4	500	100	04/30/2022 20:07	WG1856364

Metals (ICPMS) by Method 6020

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Arsenic	0.0133		0.000180	0.00200	1	04/21/2022 23:13	WG1850339
Arsenic,Dissolved	0.0132		0.000180	0.00200	1	04/25/2022 14:45	WG1850306
Barium	0.0755		0.000381	0.00200	1	04/21/2022 23:13	WG1850339
Barium,Dissolved	0.0731		0.000381	0.00200	1	04/25/2022 14:45	WG1850306
Calcium	400		0.0936	1.00	1	04/21/2022 23:13	WG1850339
Chromium	0.00317		0.00124	0.00200	1	04/21/2022 23:13	WG1850339
Chromium,Dissolved	0.00291		0.00124	0.00200	1	04/26/2022 11:59	WG1853681
Iron	0.298		0.0281	0.100	1	04/21/2022 23:13	WG1850339
Iron,Dissolved	0.0611	B J	0.0281	0.100	1	04/25/2022 14:45	WG1850306
Lead	U		0.000849	0.00200	1	04/21/2022 23:13	WG1850339
Lead,Dissolved	U		0.000849	0.00200	1	04/25/2022 14:45	WG1850306
Manganese	0.0553		0.000704	0.00500	1	04/21/2022 23:13	WG1850339
Manganese,Dissolved	0.0530		0.000704	0.00500	1	04/25/2022 14:45	WG1850306
Potassium	3.58		0.108	2.00	1	04/21/2022 23:13	WG1850339
Selenium	U		0.000300	0.00200	1	04/21/2022 23:13	WG1850339
Selenium,Dissolved	U		0.000300	0.00200	1	04/25/2022 14:45	WG1850306
Sodium	58.4		0.376	2.00	1	04/21/2022 23:13	WG1850339

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
TPH (GC/FID) Low Fraction	16.4		0.785	2.50	25	04/20/2022 01:55	WG1851115
(S) a,a,a-Trifluorotoluene(FID)	*103*			*78.0-120*		*04/20/2022 01:55*	WG1851115

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Acetone	U		0.282	1.25	25	04/18/2022 23:14	WG1850380
Benzene	5.34		0.0188	0.200	200	04/19/2022 16:25	WG1850793
Bromodichloromethane	U		0.00340	0.0250	25	04/18/2022 23:14	WG1850380
Bromoform	U		0.00322	0.0250	25	04/18/2022 23:14	WG1850380
Bromomethane	U		0.0151	0.125	25	04/18/2022 23:14	WG1850380
n-Butylbenzene	U		0.00393	0.0250	25	04/18/2022 23:14	WG1850380

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
sec-Butylbenzene	0.00747	J	0.00313	0.0250	25	04/18/2022 23:14	WG1850380
Carbon disulfide	U		0.00241	0.0250	25	04/18/2022 23:14	WG1850380
Carbon tetrachloride	U		0.00320	0.0250	25	04/18/2022 23:14	WG1850380
Chlorobenzene	U		0.00290	0.0250	25	04/18/2022 23:14	WG1850380
Chlorodibromomethane	U		0.00350	0.0250	25	04/18/2022 23:14	WG1850380
Chloroethane	U		0.00480	0.125	25	04/18/2022 23:14	WG1850380
Chloroform	U		0.00278	0.125	25	04/18/2022 23:14	WG1850380
Chloromethane	U		0.0240	0.0625	25	04/18/2022 23:14	WG1850380
1,2-Dibromoethane	U		0.00315	0.0250	25	04/18/2022 23:14	WG1850380
1,1-Dichloroethane	U		0.00250	0.0250	25	04/18/2022 23:14	WG1850380
1,2-Dichloroethane	U		0.00205	0.0250	25	04/18/2022 23:14	WG1850380
1,1-Dichloroethene	U		0.00470	0.0250	25	04/18/2022 23:14	WG1850380
cis-1,2-Dichloroethene	U		0.00315	0.0250	25	04/18/2022 23:14	WG1850380
trans-1,2-Dichloroethene	U		0.00373	0.0250	25	04/18/2022 23:14	WG1850380
1,2-Dichloropropane	U		0.00373	0.0250	25	04/18/2022 23:14	WG1850380
cis-1,3-Dichloropropene	U		0.00278	0.0250	25	04/18/2022 23:14	WG1850380
trans-1,3-Dichloropropene	U		0.00295	0.0250	25	04/18/2022 23:14	WG1850380
Ethylbenzene	0.0368		0.00343	0.0250	25	04/18/2022 23:14	WG1850380
Isopropylbenzene	0.0326		0.00263	0.0250	25	04/18/2022 23:14	WG1850380
p-Isopropyltoluene	0.00333	J	0.00300	0.0250	25	04/18/2022 23:14	WG1850380
2-Butanone (MEK)	U		0.0298	0.250	25	04/18/2022 23:14	WG1850380
2-Hexanone	U		0.0197	0.250	25	04/18/2022 23:14	WG1850380
Methylene Chloride	U		0.0107	0.125	25	04/18/2022 23:14	WG1850380
4-Methyl-2-pentanone (MIBK)	U		0.0120	0.250	25	04/18/2022 23:14	WG1850380
Methyl tert-butyl ether	0.00840	J	0.00253	0.0250	25	04/18/2022 23:14	WG1850380
Naphthalene	U		0.0250	0.125	25	04/18/2022 23:14	WG1850380
n-Propylbenzene	0.0346		0.00248	0.0250	25	04/18/2022 23:14	WG1850380
Styrene	U		0.00295	0.0250	25	04/18/2022 23:14	WG1850380
tert-Butyl alcohol	U		0.102	0.125	25	04/18/2022 23:14	WG1850380
1,1,1,2-Tetrachloroethane	U		0.00368	0.0250	25	04/18/2022 23:14	WG1850380
1,1,2,2-Tetrachloroethane	U		0.00333	0.0250	25	04/18/2022 23:14	WG1850380
Tetrachloroethene	U		0.00750	0.0250	25	04/18/2022 23:14	WG1850380
Toluene	0.0125	J	0.00695	0.0250	25	04/18/2022 23:14	WG1850380
1,1,1-Trichloroethane	U		0.00373	0.0250	25	04/18/2022 23:14	WG1850380
1,1,2-Trichloroethane	U		0.00395	0.0250	25	04/18/2022 23:14	WG1850380
Trichloroethene	U		0.00475	0.0250	25	04/18/2022 23:14	WG1850380
1,2,4-Trimethylbenzene	0.0444		0.00805	0.0250	25	04/18/2022 23:14	WG1850380
1,3,5-Trimethylbenzene	0.00611	J	0.00260	0.0250	25	04/18/2022 23:14	WG1850380
Vinyl chloride	U		0.00585	0.0250	25	04/18/2022 23:14	WG1850380
o-Xylene	U		0.00435	0.0250	25	04/18/2022 23:14	WG1850380
m&p-Xylene	0.191		0.0107	0.0500	25	04/18/2022 23:14	WG1850380
Xylenes, Total	0.191		0.00435	0.0750	25	04/18/2022 23:14	WG1850380
(S) Toluene-d8	*108*			*80.0-120*		*04/18/2022 23:14*	WG1850380
(S) Toluene-d8	*108*			*80.0-120*		*04/19/2022 16:25*	WG1850793
(S) 4-Bromofluorobenzene	*103*			*77.0-126*		*04/18/2022 23:14*	WG1850380
(S) 4-Bromofluorobenzene	*93.8*			*77.0-126*		*04/19/2022 16:25*	WG1850793
(S) 1,2-Dichloroethane-d4	*78.4*			*70.0-130*		*04/18/2022 23:14*	WG1850380
(S) 1,2-Dichloroethane-d4	*84.7*			*70.0-130*		*04/19/2022 16:25*	WG1850793

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	14.6		0.0494	0.200	2	04/27/2022 00:00	WG1853888
(S) o-Terphenyl	*159*			*31.0-160*		*04/27/2022 00:00*	WG1853888

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	1770		50.0	1	04/19/2022 19:08	WG1850638

Wet Chemistry by Method 353.2

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	U		2.50	5.00	50	04/22/2022 16:17	WG1851916

Sample Narrative:

L1482988-57 WG1851916: Dilution due to sulfide hits.

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	352		37.9	100	100	04/21/2022 12:05	WG1851537
Fluoride	1.02		0.0640	0.150	1	04/21/2022 11:48	WG1851537
Sulfate	500	J	59.4	500	100	04/21/2022 12:05	WG1851537

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00244		0.000180	0.00200	1	04/21/2022 23:16	WG1850339
Arsenic,Dissolved	0.00281		0.000180	0.00200	1	04/25/2022 14:48	WG1850306
Barium	0.0532		0.000381	0.00200	1	04/21/2022 23:16	WG1850339
Barium,Dissolved	0.0531		0.000381	0.00200	1	04/25/2022 14:48	WG1850306
Calcium	266		0.0936	1.00	1	04/21/2022 23:16	WG1850339
Chromium	U		0.00124	0.00200	1	04/21/2022 23:16	WG1850339
Chromium,Dissolved	0.00253		0.00124	0.00200	1	04/26/2022 12:12	WG1853681
Iron	0.0625	J	0.0281	0.100	1	04/21/2022 23:16	WG1850339
Iron,Dissolved	U		0.0281	0.100	1	04/25/2022 14:48	WG1850306
Lead	0.00376		0.000849	0.00200	1	04/21/2022 23:16	WG1850339
Lead,Dissolved	0.00372		0.000849	0.00200	1	04/25/2022 14:48	WG1850306
Manganese	0.0265		0.000704	0.00500	1	04/21/2022 23:16	WG1850339
Manganese,Dissolved	0.0270		0.000704	0.00500	1	04/25/2022 14:48	WG1850306
Potassium	0.788	J	0.108	2.00	1	04/21/2022 23:16	WG1850339
Selenium	U		0.000300	0.00200	1	04/21/2022 23:16	WG1850339
Selenium,Dissolved	U		0.000300	0.00200	1	04/25/2022 14:48	WG1850306
Sodium	243		0.376	2.00	1	04/21/2022 23:16	WG1850339

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	9.90		0.314	1.00	10	04/21/2022 20:59	WG1852280
(S) a,a,a-Trifluorotoluene(FID)	*95.4*			*78.0-120*		*04/21/2022 20:59*	WG1852280

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.565	2.50	50	04/18/2022 23:34	WG1850380
Benzene	1.45		0.00471	0.0500	50	04/18/2022 23:34	WG1850380
Bromodichloromethane	U		0.00680	0.0500	50	04/18/2022 23:34	WG1850380
Bromoform	U		0.00645	0.0500	50	04/18/2022 23:34	WG1850380
Bromomethane	U		0.0303	0.250	50	04/18/2022 23:34	WG1850380
n-Butylbenzene	U		0.00785	0.0500	50	04/18/2022 23:34	WG1850380

MW-01
Collected date/time: 04/13/22 12:50
L1482988

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
sec-Butylbenzene	0.0136	J	0.00625	0.0500	50	04/18/2022 23:34	WG1850380
Carbon disulfide	U		0.00481	0.0500	50	04/18/2022 23:34	WG1850380
Carbon tetrachloride	U		0.00640	0.0500	50	04/18/2022 23:34	WG1850380
Chlorobenzene	U		0.00580	0.0500	50	04/18/2022 23:34	WG1850380
Chlorodibromomethane	U		0.00700	0.0500	50	04/18/2022 23:34	WG1850380
Chloroethane	U		0.00960	0.250	50	04/18/2022 23:34	WG1850380
Chloroform	U		0.00555	0.250	50	04/18/2022 23:34	WG1850380
Chloromethane	U		0.0480	0.125	50	04/18/2022 23:34	WG1850380
1,2-Dibromoethane	U		0.00630	0.0500	50	04/18/2022 23:34	WG1850380
1,1-Dichloroethane	U		0.00500	0.0500	50	04/18/2022 23:34	WG1850380
1,2-Dichloroethane	U		0.00409	0.0500	50	04/18/2022 23:34	WG1850380
1,1-Dichloroethene	U		0.00940	0.0500	50	04/18/2022 23:34	WG1850380
cis-1,2-Dichloroethene	U		0.00630	0.0500	50	04/18/2022 23:34	WG1850380
trans-1,2-Dichloroethene	U		0.00745	0.0500	50	04/18/2022 23:34	WG1850380
1,2-Dichloropropane	U		0.00745	0.0500	50	04/18/2022 23:34	WG1850380
cis-1,3-Dichloropropene	U		0.00555	0.0500	50	04/18/2022 23:34	WG1850380
trans-1,3-Dichloropropene	U		0.00590	0.0500	50	04/18/2022 23:34	WG1850380
Ethylbenzene	0.0833		0.00685	0.0500	50	04/18/2022 23:34	WG1850380
Isopropylbenzene	0.0861		0.00525	0.0500	50	04/18/2022 23:34	WG1850380
p-Isopropyltoluene	U		0.00600	0.0500	50	04/18/2022 23:34	WG1850380
2-Butanone (MEK)	U		0.0595	0.500	50	04/18/2022 23:34	WG1850380
2-Hexanone	U		0.0394	0.500	50	04/18/2022 23:34	WG1850380
Methylene Chloride	U		0.0215	0.250	50	04/18/2022 23:34	WG1850380
4-Methyl-2-pentanone (MIBK)	U		0.0239	0.500	50	04/18/2022 23:34	WG1850380
Methyl tert-butyl ether	0.0105	J	0.00505	0.0500	50	04/18/2022 23:34	WG1850380
Naphthalene	0.148	J	0.0500	0.250	50	04/18/2022 23:34	WG1850380
n-Propylbenzene	0.126		0.00497	0.0500	50	04/18/2022 23:34	WG1850380
Styrene	U		0.00590	0.0500	50	04/18/2022 23:34	WG1850380
tert-Butyl alcohol	U		0.203	0.250	50	04/18/2022 23:34	WG1850380
1,1,1,2-Tetrachloroethane	U		0.00735	0.0500	50	04/18/2022 23:34	WG1850380
1,1,2,2-Tetrachloroethane	U		0.00665	0.0500	50	04/18/2022 23:34	WG1850380
Tetrachloroethene	U		0.0150	0.0500	50	04/18/2022 23:34	WG1850380
Toluene	0.165		0.0139	0.0500	50	04/18/2022 23:34	WG1850380
1,1,1-Trichloroethane	U		0.00745	0.0500	50	04/18/2022 23:34	WG1850380
1,1,2-Trichloroethane	U		0.00790	0.0500	50	04/18/2022 23:34	WG1850380
Trichloroethene	U		0.00950	0.0500	50	04/18/2022 23:34	WG1850380
1,2,4-Trimethylbenzene	0.260		0.0161	0.0500	50	04/18/2022 23:34	WG1850380
1,3,5-Trimethylbenzene	0.0348	J	0.00520	0.0500	50	04/18/2022 23:34	WG1850380
Vinyl chloride	U		0.0117	0.0500	50	04/18/2022 23:34	WG1850380
o-Xylene	U		0.00870	0.0500	50	04/18/2022 23:34	WG1850380
m&p-Xylene	0.691		0.0215	0.100	50	04/18/2022 23:34	WG1850380
Xylenes, Total	0.691		0.00870	0.150	50	04/18/2022 23:34	WG1850380
(S) Toluene-d8	*109*			*80.0-120*		*04/18/2022 23:34*	WG1850380
(S) 4-Bromofluorobenzene	*97.0*			*77.0-126*		*04/18/2022 23:34*	WG1850380
(S) 1,2-Dichloroethane-d4	*78.0*			*70.0-130*		*04/18/2022 23:34*	WG1850380

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	5.57		0.0247	0.100	1	04/27/2022 17:24	WG1853888
(S) o-Terphenyl	*158*			*31.0-160*		*04/27/2022 17:24*	WG1853888

Semi Volatile Organic Compounds (GC/MS) by Method 8270 C-mod

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,4-Dioxane	U		0.0000447	0.000400	1	04/20/2022 17:54	WG1849822
(S) Nitrobenzene-d5	*78.9*			*10.0-120*		*04/20/2022 17:54*	WG1849822

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acenaphthene	0.000905	J	0.0000886	0.00100	1	04/20/2022 13:04	WG1850343
Acenaphthylene	U		0.0000921	0.00100	1	04/20/2022 13:04	WG1850343
Acetophenone	U		0.000208	0.0100	1	04/20/2022 13:04	WG1850343
Anthracene	U		0.0000804	0.00100	1	04/20/2022 13:04	WG1850343
Atrazine	U		0.000255	0.0100	1	04/20/2022 13:04	WG1850343
Benzo(a)anthracene	U		0.000199	0.00100	1	04/20/2022 13:04	WG1850343
Benzaldehyde	U	J4	0.00169	0.0100	1	04/20/2022 13:04	WG1850343
Benzo(b)fluoranthene	U		0.000130	0.00100	1	04/20/2022 13:04	WG1850343
Benzo(k)fluoranthene	U		0.000120	0.00100	1	04/20/2022 13:04	WG1850343
Benzo(g,h,i)perylene	U		0.000121	0.00100	1	04/20/2022 13:04	WG1850343
Benzo(a)pyrene	U		0.0000381	0.000200	1	04/20/2022 13:04	WG1850343
Biphenyl	0.00540	J	0.000790	0.0100	1	04/20/2022 13:04	WG1850343
Bis(2-chlorethoxy)methane	U		0.000116	0.0100	1	04/20/2022 13:04	WG1850343
Bis(2-chloroethyl)ether	U		0.000137	0.0100	1	04/20/2022 13:04	WG1850343
2,2-Oxybis(1-Chloropropane)	U		0.000210	0.0100	1	04/20/2022 13:04	WG1850343
4-Bromophenyl-phenylether	U		0.0000877	0.0100	1	04/20/2022 13:04	WG1850343
2-Chloronaphthalene	U		0.0000648	0.00100	1	04/20/2022 13:04	WG1850343
4-Chlorophenyl-phenylether	U		0.0000926	0.0100	1	04/20/2022 13:04	WG1850343
Caprolactam	U		0.000309	0.0100	1	04/20/2022 13:04	WG1850343
Carbazole	0.00179	J	0.000111	0.0100	1	04/20/2022 13:04	WG1850343
Chrysene	U		0.000130	0.00100	1	04/20/2022 13:04	WG1850343
Dibenz(a,h)anthracene	U		0.0000644	0.000200	1	04/20/2022 13:04	WG1850343
Dibenzofuran	0.00406	J	0.0000970	0.0100	1	04/20/2022 13:04	WG1850343
3,3-Dichlorobenzidine	U		0.000212	0.0100	1	04/20/2022 13:04	WG1850343
2,4-Dinitrotoluene	U		0.0000983	0.0100	1	04/20/2022 13:04	WG1850343
2,6-Dinitrotoluene	U		0.000250	0.0100	1	04/20/2022 13:04	WG1850343
Fluoranthene	U		0.000102	0.00100	1	04/20/2022 13:04	WG1850343
Fluorene	0.00241		0.0000844	0.00100	1	04/20/2022 13:04	WG1850343
Hexachlorobenzene	U		0.0000755	0.00100	1	04/20/2022 13:04	WG1850343
Hexachloro-1,3-butadiene	U		0.0000968	0.0100	1	04/20/2022 13:04	WG1850343
Hexachlorocyclopentadiene	U		0.0000598	0.0100	1	04/20/2022 13:04	WG1850343
Hexachloroethane	U		0.000127	0.0100	1	04/20/2022 13:04	WG1850343
Indeno(1,2,3-cd)pyrene	U		0.000279	0.00100	1	04/20/2022 13:04	WG1850343
Isophorone	U		0.000143	0.0100	1	04/20/2022 13:04	WG1850343
1-Methylnaphthalene	0.101		0.0000790	0.00100	1	04/20/2022 13:04	WG1850343
2-Methylnaphthalene	0.0418		0.000117	0.00100	1	04/20/2022 13:04	WG1850343
Naphthalene	0.143		0.000159	0.00100	1	04/20/2022 13:04	WG1850343
Nitrobenzene	U		0.000297	0.0100	1	04/20/2022 13:04	WG1850343
n-Nitrosodiphenylamine	U		0.00237	0.0100	1	04/20/2022 13:04	WG1850343
n-Nitrosodi-n-propylamine	U		0.000261	0.0100	1	04/20/2022 13:04	WG1850343
Phenanthrene	0.00147		0.000112	0.00100	1	04/20/2022 13:04	WG1850343
Benzylbutyl phthalate	U		0.000765	0.00300	1	04/20/2022 13:04	WG1850343
Bis(2-ethylhexyl)phthalate	0.0152		0.000895	0.00300	1	04/20/2022 13:04	WG1850343
Di-n-butyl phthalate	U		0.000453	0.00300	1	04/20/2022 13:04	WG1850343
Diethyl phthalate	U		0.000287	0.00300	1	04/20/2022 13:04	WG1850343
Dimethyl phthalate	U		0.000260	0.00300	1	04/20/2022 13:04	WG1850343
Di-n-octyl phthalate	U		0.000932	0.00300	1	04/20/2022 13:04	WG1850343
Pyrene	U		0.000107	0.00100	1	04/20/2022 13:04	WG1850343
1,2,4-Trichlorobenzene	U		0.0000698	0.0100	1	04/20/2022 13:04	WG1850343
4-Chloro-3-methylphenol	U		0.000131	0.0100	1	04/20/2022 13:04	WG1850343

MW-01
Collected date/time: 04/13/22 12:50
L1482988

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
2-Chlorophenol	U		0.000133	0.0100	1	04/20/2022 13:04	WG1850343
2,4-Dichlorophenol	U		0.000102	0.0100	1	04/20/2022 13:04	WG1850343
2,4-Dimethylphenol	U		0.0000636	0.0100	1	04/20/2022 13:04	WG1850343
4,6-Dinitro-2-methylphenol	U		0.00112	0.0100	1	04/20/2022 13:04	WG1850343
2,4-Dinitrophenol	U		0.00593	0.0100	1	04/20/2022 13:04	WG1850343
2-Nitrophenol	U		0.000117	0.0100	1	04/20/2022 13:04	WG1850343
2-Nitroaniline	U		0.000102	0.0100	1	04/20/2022 13:04	WG1850343
2-Methylphenol	U		0.0000929	0.0100	1	04/20/2022 13:04	WG1850343
3&4-Methyl Phenol	U		0.000168	0.0100	1	04/20/2022 13:04	WG1850343
3-Nitroaniline	U		0.0000869	0.0100	1	04/20/2022 13:04	WG1850343
4-Chloroaniline	U		0.000234	0.0100	1	04/20/2022 13:04	WG1850343
4-Nitroaniline	U		0.0000910	0.0100	1	04/20/2022 13:04	WG1850343
4-Nitrophenol	U		0.000143	0.0100	1	04/20/2022 13:04	WG1850343
Pentachlorophenol	U		0.000313	0.0100	1	04/20/2022 13:04	WG1850343
Phenol	U		0.00433	0.0100	1	04/20/2022 13:04	WG1850343
2,4,5-Trichlorophenol	U		0.000109	0.0100	1	04/20/2022 13:04	WG1850343
2,4,6-Trichlorophenol	U		0.000100	0.0100	1	04/20/2022 13:04	WG1850343
(S) 2-Fluorophenol	*54.2*			*10.0-120*		*04/20/2022 13:04*	WG1850343
(S) Phenol-d5	*35.8*			*10.0-120*		*04/20/2022 13:04*	WG1850343
(S) Nitrobenzene-d5	*60.3*			*10.0-127*		*04/20/2022 13:04*	WG1850343
(S) 2-Fluorobiphenyl	*78.4*			*10.0-130*		*04/20/2022 13:04*	WG1850343
(S) 2,4,6-Tribromophenol	*105*			*10.0-155*		*04/20/2022 13:04*	WG1850343
(S) p-Terphenyl-d14	*84.4*			*10.0-128*		*04/20/2022 13:04*	WG1850343

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	2980		50.0	1	04/19/2022 19:08	WG1850638

Wet Chemistry by Method 353.2

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	U		2.50	5.00	50	04/22/2022 16:19	WG1851916

Sample Narrative:

L1482988-58 WG1851916: Dilution due to sulfide hits.

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	554		37.9	100	100	04/21/2022 12:38	WG1851537
Fluoride	0.895		0.0640	0.150	1	04/21/2022 12:21	WG1851537
Sulfate	901		59.4	500	100	04/21/2022 12:38	WG1851537

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00503		0.000180	0.00200	1	04/21/2022 23:20	WG1850339
Arsenic,Dissolved	0.00487		0.000180	0.00200	1	04/25/2022 17:40	WG1850306
Barium	0.0327		0.000381	0.00200	1	04/21/2022 23:20	WG1850339
Barium,Dissolved	0.0310		0.000381	0.00200	1	04/25/2022 17:40	WG1850306
Calcium	294		0.0936	1.00	1	04/21/2022 23:20	WG1850339
Chromium	0.00174	J	0.00124	0.00200	1	04/21/2022 23:20	WG1850339
Chromium,Dissolved	U		0.00124	0.00200	1	04/26/2022 12:15	WG1853681
Iron	0.0498	J	0.0281	0.100	1	04/21/2022 23:20	WG1850339
Iron,Dissolved	U		0.0281	0.100	1	04/25/2022 17:40	WG1850306
Lead	U		0.000849	0.00200	1	04/21/2022 23:20	WG1850339
Lead,Dissolved	U		0.000849	0.00200	1	04/25/2022 17:40	WG1850306
Manganese	0.318		0.000704	0.00500	1	04/21/2022 23:20	WG1850339
Manganese,Dissolved	0.311		0.000704	0.00500	1	04/25/2022 17:40	WG1850306
Potassium	1.12	J	0.108	2.00	1	04/21/2022 23:20	WG1850339
Selenium	U		0.000300	0.00200	1	04/21/2022 23:20	WG1850339
Selenium,Dissolved	0.000330	J	0.000300	0.00200	1	04/25/2022 17:40	WG1850306
Sodium	432		0.376	2.00	1	04/21/2022 23:20	WG1850339

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	1.16		0.0314	0.100	1	04/21/2022 20:16	WG1852280
(S) a,a,a-Trifluorotoluene(FID)	*97.9*			*78.0-120*		*04/21/2022 20:16*	WG1852280

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.113	0.500	10	04/19/2022 16:45	WG1850793
Benzene	0.00298	J	0.000941	0.0100	10	04/19/2022 16:45	WG1850793
Bromodichloromethane	U		0.00136	0.0100	10	04/19/2022 16:45	WG1850793
Bromoform	U		0.00129	0.0100	10	04/19/2022 16:45	WG1850793
Bromomethane	U		0.00605	0.0500	10	04/19/2022 16:45	WG1850793
n-Butylbenzene	U		0.00157	0.0100	10	04/19/2022 16:45	WG1850793

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
sec-Butylbenzene	0.0218		0.00125	0.0100	10	04/19/2022 16:45	WG1850793
Carbon disulfide	U		0.000962	0.0100	10	04/19/2022 16:45	WG1850793
Carbon tetrachloride	U		0.00128	0.0100	10	04/19/2022 16:45	WG1850793
Chlorobenzene	U		0.00116	0.0100	10	04/19/2022 16:45	WG1850793
Chlorodibromomethane	U		0.00140	0.0100	10	04/19/2022 16:45	WG1850793
Chloroethane	U		0.00192	0.0500	10	04/19/2022 16:45	WG1850793
Chloroform	U		0.00111	0.0500	10	04/19/2022 16:45	WG1850793
Chloromethane	U		0.00960	0.0250	10	04/19/2022 16:45	WG1850793
1,2-Dibromoethane	U		0.00126	0.0100	10	04/19/2022 16:45	WG1850793
1,1-Dichloroethane	U		0.00100	0.0100	10	04/19/2022 16:45	WG1850793
1,2-Dichloroethane	U		0.000819	0.0100	10	04/19/2022 16:45	WG1850793
1,1-Dichloroethene	U		0.00188	0.0100	10	04/19/2022 16:45	WG1850793
cis-1,2-Dichloroethene	U		0.00126	0.0100	10	04/19/2022 16:45	WG1850793
trans-1,2-Dichloroethene	U		0.00149	0.0100	10	04/19/2022 16:45	WG1850793
1,2-Dichloropropane	U		0.00149	0.0100	10	04/19/2022 16:45	WG1850793
cis-1,3-Dichloropropene	U		0.00111	0.0100	10	04/19/2022 16:45	WG1850793
trans-1,3-Dichloropropene	U		0.00118	0.0100	10	04/19/2022 16:45	WG1850793
Ethylbenzene	U		0.00137	0.0100	10	04/19/2022 16:45	WG1850793
Isopropylbenzene	0.0902		0.00105	0.0100	10	04/19/2022 16:45	WG1850793
p-Isopropyltoluene	U		0.00120	0.0100	10	04/19/2022 16:45	WG1850793
2-Butanone (MEK)	U		0.0119	0.100	10	04/19/2022 16:45	WG1850793
2-Hexanone	U		0.00787	0.100	10	04/19/2022 16:45	WG1850793
Methylene Chloride	U		0.00430	0.0500	10	04/19/2022 16:45	WG1850793
4-Methyl-2-pentanone (MIBK)	U		0.00478	0.100	10	04/19/2022 16:45	WG1850793
Methyl tert-butyl ether	0.417		0.00101	0.0100	10	04/19/2022 16:45	WG1850793
Naphthalene	U		0.0100	0.0500	10	04/19/2022 16:45	WG1850793
n-Propylbenzene	0.00540	J	0.000993	0.0100	10	04/19/2022 16:45	WG1850793
Styrene	U		0.00118	0.0100	10	04/19/2022 16:45	WG1850793
tert-Butyl alcohol	U		0.0406	0.0500	10	04/19/2022 16:45	WG1850793
1,1,1,2-Tetrachloroethane	U		0.00147	0.0100	10	04/19/2022 16:45	WG1850793
1,1,2,2-Tetrachloroethane	U		0.00133	0.0100	10	04/19/2022 16:45	WG1850793
Tetrachloroethene	U		0.00300	0.0100	10	04/19/2022 16:45	WG1850793
Toluene	U		0.00278	0.0100	10	04/19/2022 16:45	WG1850793
1,1,1-Trichloroethane	U		0.00149	0.0100	10	04/19/2022 16:45	WG1850793
1,1,2-Trichloroethane	U		0.00158	0.0100	10	04/19/2022 16:45	WG1850793
Trichloroethene	U		0.00190	0.0100	10	04/19/2022 16:45	WG1850793
1,2,4-Trimethylbenzene	U		0.00322	0.0100	10	04/19/2022 16:45	WG1850793
1,3,5-Trimethylbenzene	U		0.00104	0.0100	10	04/19/2022 16:45	WG1850793
Vinyl chloride	U		0.00234	0.0100	10	04/19/2022 16:45	WG1850793
o-Xylene	U		0.00174	0.0100	10	04/19/2022 16:45	WG1850793
m&p-Xylene	U		0.00430	0.0200	10	04/19/2022 16:45	WG1850793
Xylenes, Total	U		0.00174	0.0300	10	04/19/2022 16:45	WG1850793
(S) Toluene-d8	*110*			*80.0-120*		*04/19/2022 16:45*	WG1850793
(S) 4-Bromofluorobenzene	*97.5*			*77.0-126*		*04/19/2022 16:45*	WG1850793
(S) 1,2-Dichloroethane-d4	*84.7*			*70.0-130*		*04/19/2022 16:45*	WG1850793

EDB / DBCP by Method 8011

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Ethylene Dibromide	U		0.00000557	0.0000208	1.04	04/20/2022 20:03	WG1850932

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	3.63		0.0247	0.100	1	04/27/2022 00:47	WG1853888

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
(S) o-Terphenyl	*128*			*31.0-160*		*04/27/2022 00:47*	WG1853888

Semi Volatile Organic Compounds (GC/MS) by Method 8270 C-mod

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
1,4-Dioxane	0.000901		0.0000447	0.000400	1	04/20/2022 18:14	WG1849822
(S) Nitrobenzene-d5	*82.2*			*10.0-120*		*04/20/2022 18:14*	WG1849822

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Dissolved Solids	2020		50.0	1	04/19/2022 19:08	WG1850638

Wet Chemistry by Method 353.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Nitrate-Nitrite	U		0.0500	0.100	1	04/22/2022 16:20	WG1851916

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Chloride	193		19.0	50.0	50	04/21/2022 13:10	WG1851537
Fluoride	1.15		0.0640	0.150	1	04/21/2022 12:54	WG1851537
Sulfate	1400		29.7	250	50	04/21/2022 13:10	WG1851537

Metals (ICPMS) by Method 6020

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Arsenic	0.00501		0.000180	0.00200	1	04/21/2022 23:23	WG1850339
Arsenic,Dissolved	0.00541		0.000180	0.00200	1	04/25/2022 17:44	WG1850306
Barium	0.0104		0.000381	0.00200	1	04/21/2022 23:23	WG1850339
Barium,Dissolved	0.00912		0.000381	0.00200	1	04/25/2022 17:44	WG1850306
Calcium	388		0.0936	1.00	1	04/21/2022 23:23	WG1850339
Chromium	U		0.00124	0.00200	1	04/21/2022 23:23	WG1850339
Chromium,Dissolved	0.00155	J	0.00124	0.00200	1	04/26/2022 12:18	WG1853681
Iron	0.0459	J	0.0281	0.100	1	04/21/2022 23:23	WG1850339
Iron,Dissolved	U		0.0281	0.100	1	04/25/2022 17:44	WG1850306
Lead	U		0.000849	0.00200	1	04/21/2022 23:23	WG1850339
Lead,Dissolved	U		0.000849	0.00200	1	04/25/2022 17:44	WG1850306
Manganese	0.219		0.000704	0.00500	1	04/21/2022 23:23	WG1850339
Manganese,Dissolved	0.207		0.000704	0.00500	1	04/25/2022 17:44	WG1850306
Potassium	1.55	J	0.108	2.00	1	04/21/2022 23:23	WG1850339
Selenium	0.00177	J	0.000300	0.00200	1	04/21/2022 23:23	WG1850339
Selenium,Dissolved	0.00135	J	0.000300	0.00200	1	04/25/2022 17:44	WG1850306
Sodium	121		0.376	2.00	1	04/21/2022 23:23	WG1850339

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Acetone	U		0.0113	0.0500	1	04/18/2022 19:43	WG1850380
Benzene	U		0.0000941	0.00100	1	04/18/2022 19:43	WG1850380
Bromodichloromethane	U		0.000136	0.00100	1	04/18/2022 19:43	WG1850380
Bromoform	U		0.000129	0.00100	1	04/18/2022 19:43	WG1850380
Bromomethane	U		0.000605	0.00500	1	04/18/2022 19:43	WG1850380
n-Butylbenzene	U		0.000157	0.00100	1	04/18/2022 19:43	WG1850380
sec-Butylbenzene	U		0.000125	0.00100	1	04/18/2022 19:43	WG1850380
Carbon disulfide	U		0.0000962	0.00100	1	04/18/2022 19:43	WG1850380
Carbon tetrachloride	U		0.000128	0.00100	1	04/18/2022 19:43	WG1850380
Chlorobenzene	U		0.000116	0.00100	1	04/18/2022 19:43	WG1850380
Chlorodibromomethane	U		0.000140	0.00100	1	04/18/2022 19:43	WG1850380
Chloroethane	U		0.000192	0.00500	1	04/18/2022 19:43	WG1850380
Chloroform	U		0.000111	0.00500	1	04/18/2022 19:43	WG1850380
Chloromethane	U		0.000960	0.00250	1	04/18/2022 19:43	WG1850380
1,2-Dibromoethane	U		0.000126	0.00100	1	04/18/2022 19:43	WG1850380
1,1-Dichloroethane	U		0.000100	0.00100	1	04/18/2022 19:43	WG1850380

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/18/2022 19:43	WG1850380
1,1-Dichloroethene	U		0.000188	0.00100	1	04/18/2022 19:43	WG1850380
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/18/2022 19:43	WG1850380
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/18/2022 19:43	WG1850380
1,2-Dichloropropane	U		0.000149	0.00100	1	04/18/2022 19:43	WG1850380
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/18/2022 19:43	WG1850380
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/18/2022 19:43	WG1850380
Ethylbenzene	U		0.000137	0.00100	1	04/18/2022 19:43	WG1850380
Isopropylbenzene	U		0.000105	0.00100	1	04/18/2022 19:43	WG1850380
p-Isopropyltoluene	U		0.000120	0.00100	1	04/18/2022 19:43	WG1850380
2-Butanone (MEK)	U		0.00119	0.0100	1	04/18/2022 19:43	WG1850380
2-Hexanone	U		0.000787	0.0100	1	04/18/2022 19:43	WG1850380
Methylene Chloride	U		0.000430	0.00500	1	04/18/2022 19:43	WG1850380
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/18/2022 19:43	WG1850380
Methyl tert-butyl ether	0.000112	J	0.000101	0.00100	1	04/18/2022 19:43	WG1850380
Naphthalene	U		0.00100	0.00500	1	04/18/2022 19:43	WG1850380
n-Propylbenzene	U		0.0000993	0.00100	1	04/18/2022 19:43	WG1850380
Styrene	U		0.000118	0.00100	1	04/18/2022 19:43	WG1850380
tert-Butyl alcohol	U		0.00406	0.00500	1	04/18/2022 19:43	WG1850380
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/18/2022 19:43	WG1850380
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/18/2022 19:43	WG1850380
Tetrachloroethene	U		0.000300	0.00100	1	04/18/2022 19:43	WG1850380
Toluene	U		0.000278	0.00100	1	04/18/2022 19:43	WG1850380
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/18/2022 19:43	WG1850380
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/18/2022 19:43	WG1850380
Trichloroethene	U		0.000190	0.00100	1	04/18/2022 19:43	WG1850380
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/18/2022 19:43	WG1850380
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/18/2022 19:43	WG1850380
Vinyl chloride	U		0.000234	0.00100	1	04/18/2022 19:43	WG1850380
o-Xylene	U		0.000174	0.00100	1	04/18/2022 19:43	WG1850380
m&p-Xylene	U		0.000430	0.00200	1	04/18/2022 19:43	WG1850380
Xylenes, Total	U		0.000174	0.00300	1	04/18/2022 19:43	WG1850380
(S) Toluene-d8	*108*			*80.0-120*		*04/18/2022 19:43*	WG1850380
(S) 4-Bromofluorobenzene	*98.4*			*77.0-126*		*04/18/2022 19:43*	WG1850380
(S) 1,2-Dichloroethane-d4	*79.8*			*70.0-130*		*04/18/2022 19:43*	WG1850380

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.197		0.0247	0.100	1	04/27/2022 14:54	WG1853888
(S) o-Terphenyl	*107*			*31.0-160*		*04/27/2022 14:54*	WG1853888

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Dissolved Solids	1470		50.0	1	04/19/2022 19:08	WG1850638

Wet Chemistry by Method 353.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Nitrate-Nitrite	U		0.500	1.00	10	04/22/2022 16:21	WG1851916

Sample Narrative:

L1482988-60 WG1851916: Dilution due to sulfide hits.

Wet Chemistry by Method 4500CN E-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Cyanide	U		0.0900	0.250	50	04/25/2022 15:13	WG1852103

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Chloride	265		3.79	10.0	10	04/21/2022 13:43	WG1851537
Fluoride	1.30		0.0640	0.150	1	04/21/2022 13:27	WG1851537
Sulfate	258		5.94	50.0	10	04/21/2022 13:43	WG1851537

Mercury by Method 7470A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Mercury	U		0.000100	0.000200	1	04/28/2022 08:32	WG1850020
Mercury,Dissolved	U		0.000100	0.000200	1	04/29/2022 10:24	WG1852270

Metals (ICP) by Method 6010B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Boron	0.701		0.0200	0.200	1	04/20/2022 16:22	WG1851270
Boron,Dissolved	0.714		0.0200	0.200	1	04/26/2022 23:47	WG1851304

Metals (ICPMS) by Method 6020

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Arsenic	0.00488		0.000180	0.00200	1	04/21/2022 22:48	WG1850342
Arsenic,Dissolved	0.00463		0.000180	0.00200	1	04/25/2022 17:47	WG1850306
Barium	0.0505		0.000381	0.00200	1	04/21/2022 22:48	WG1850342
Barium,Dissolved	0.0480		0.000381	0.00200	1	04/25/2022 17:47	WG1850306
Cadmium	U		0.000150	0.00100	1	04/21/2022 22:48	WG1850342
Cadmium,Dissolved	U		0.000150	0.00100	1	04/25/2022 17:47	WG1850306
Calcium	144	V	0.0936	1.00	1	04/21/2022 22:48	WG1850342
Chromium	U		0.00124	0.00200	1	04/21/2022 22:48	WG1850342
Chromium,Dissolved	0.00247		0.00124	0.00200	1	04/26/2022 12:22	WG1853681
Cobalt	0.0000771	J	0.0000596	0.00200	1	04/21/2022 22:48	WG1850342
Cobalt,Dissolved	U		0.0000596	0.00200	1	04/25/2022 17:47	WG1850306
Iron	0.0693	J	0.0281	0.100	1	04/21/2022 22:48	WG1850342
Iron,Dissolved	0.0644	B J	0.0281	0.100	1	04/25/2022 17:47	WG1850306
Lead	U		0.000849	0.00200	1	04/21/2022 22:48	WG1850342
Lead,Dissolved	U		0.000849	0.00200	1	04/25/2022 17:47	WG1850306
Manganese	0.188	J6	0.000704	0.00500	1	04/21/2022 22:48	WG1850342

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Manganese,Dissolved	0.189		0.000704	0.00500	1	04/25/2022 17:47	WG1850306
Nickel	0.00944		0.000816	0.00200	1	04/21/2022 22:48	WG1850342
Nickel,Dissolved	0.00954	B	0.000816	0.00200	1	04/25/2022 17:47	WG1850306
Potassium	1.76	J	0.108	2.00	1	04/21/2022 22:48	WG1850342
Selenium	U		0.000300	0.00200	1	04/21/2022 22:48	WG1850342
Selenium,Dissolved	U		0.000300	0.00200	1	04/25/2022 17:47	WG1850306
Sodium	270	V	0.376	2.00	1	04/21/2022 22:48	WG1850342
Uranium	U		0.0000789	0.00100	1	04/21/2022 22:48	WG1850342
Uranium,Dissolved	U		0.0000789	0.00100	1	04/25/2022 17:47	WG1850306
Vanadium	0.000690	J	0.000664	0.00500	1	04/21/2022 22:48	WG1850342
Vanadium,Dissolved	0.00165	B J	0.000664	0.00500	1	04/25/2022 17:47	WG1850306

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	4.35		0.157	0.500	5	04/21/2022 04:50	WG1851651
(S) a,a,a-Trifluorotoluene(FID)	*96.2*			*78.0-120*		*04/21/2022 04:50*	WG1851651

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0565	0.250	5	04/19/2022 17:06	WG1850793
Benzene	0.236		0.000471	0.00500	5	04/19/2022 17:06	WG1850793
Bromodichloromethane	U		0.000680	0.00500	5	04/19/2022 17:06	WG1850793
Bromoform	U		0.000645	0.00500	5	04/19/2022 17:06	WG1850793
Bromomethane	U		0.00303	0.0250	5	04/19/2022 17:06	WG1850793
n-Butylbenzene	0.00636	B	0.000785	0.00500	5	04/19/2022 17:06	WG1850793
sec-Butylbenzene	0.00610		0.000625	0.00500	5	04/19/2022 17:06	WG1850793
Carbon disulfide	0.00337	B J	0.000481	0.00500	5	04/19/2022 17:06	WG1850793
Carbon tetrachloride	U		0.000640	0.00500	5	04/19/2022 17:06	WG1850793
Chlorobenzene	U		0.000580	0.00500	5	04/19/2022 17:06	WG1850793
Chlorodibromomethane	U		0.000700	0.00500	5	04/19/2022 17:06	WG1850793
Chloroethane	U		0.000960	0.0250	5	04/19/2022 17:06	WG1850793
Chloroform	U		0.000555	0.0250	5	04/19/2022 17:06	WG1850793
Chloromethane	U		0.00480	0.0125	5	04/19/2022 17:06	WG1850793
1,2-Dibromoethane	U		0.000630	0.00500	5	04/19/2022 17:06	WG1850793
1,1-Dichloroethane	U		0.000500	0.00500	5	04/19/2022 17:06	WG1850793
1,2-Dichloroethane	U		0.000409	0.00500	5	04/19/2022 17:06	WG1850793
1,1-Dichloroethene	U		0.000940	0.00500	5	04/19/2022 17:06	WG1850793
cis-1,2-Dichloroethene	U		0.000630	0.00500	5	04/19/2022 17:06	WG1850793
trans-1,2-Dichloroethene	U		0.000745	0.00500	5	04/19/2022 17:06	WG1850793
1,2-Dichloropropane	U		0.000745	0.00500	5	04/19/2022 17:06	WG1850793
cis-1,3-Dichloropropene	U		0.000555	0.00500	5	04/19/2022 17:06	WG1850793
trans-1,3-Dichloropropene	U		0.000590	0.00500	5	04/19/2022 17:06	WG1850793
Ethylbenzene	0.00809		0.000685	0.00500	5	04/19/2022 17:06	WG1850793
Isopropylbenzene	0.0311		0.000525	0.00500	5	04/19/2022 17:06	WG1850793
p-Isopropyltoluene	0.00341	J	0.000600	0.00500	5	04/19/2022 17:06	WG1850793
2-Butanone (MEK)	U		0.00595	0.0500	5	04/19/2022 17:06	WG1850793
2-Hexanone	U		0.00394	0.0500	5	04/19/2022 17:06	WG1850793
Methylene Chloride	U		0.00215	0.0250	5	04/19/2022 17:06	WG1850793
4-Methyl-2-pentanone (MIBK)	U		0.00239	0.0500	5	04/19/2022 17:06	WG1850793
Methyl tert-butyl ether	0.183		0.000505	0.00500	5	04/19/2022 17:06	WG1850793
Naphthalene	0.00626	J	0.00500	0.0250	5	04/19/2022 17:06	WG1850793
n-Propylbenzene	0.0381		0.000497	0.00500	5	04/19/2022 17:06	WG1850793
Styrene	U		0.000590	0.00500	5	04/19/2022 17:06	WG1850793

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
tert-Butyl alcohol	0.0466		0.0203	0.0250	5	04/19/2022 17:06	WG1850793
1,1,1,2-Tetrachloroethane	U		0.000735	0.00500	5	04/19/2022 17:06	WG1850793
1,1,2,2-Tetrachloroethane	U		0.000665	0.00500	5	04/19/2022 17:06	WG1850793
Tetrachloroethene	U		0.00150	0.00500	5	04/19/2022 17:06	WG1850793
Toluene	0.00334	J	0.00139	0.00500	5	04/19/2022 17:06	WG1850793
1,1,1-Trichloroethane	U		0.000745	0.00500	5	04/19/2022 17:06	WG1850793
1,1,2-Trichloroethane	U		0.000790	0.00500	5	04/19/2022 17:06	WG1850793
Trichloroethene	U		0.000950	0.00500	5	04/19/2022 17:06	WG1850793
1,2,4-Trimethylbenzene	0.0603		0.00161	0.00500	5	04/19/2022 17:06	WG1850793
1,3,5-Trimethylbenzene	0.00959		0.000520	0.00500	5	04/19/2022 17:06	WG1850793
Vinyl chloride	U		0.00117	0.00500	5	04/19/2022 17:06	WG1850793
o-Xylene	0.00125	J	0.000870	0.00500	5	04/19/2022 17:06	WG1850793
m&p-Xylene	0.0869		0.00215	0.0100	5	04/19/2022 17:06	WG1850793
Xylenes, Total	0.0882		0.000870	0.0150	5	04/19/2022 17:06	WG1850793
(S) Toluene-d8	*113*			*80.0-120*		*04/19/2022 17:06*	WG1850793
(S) 4-Bromofluorobenzene	*97.7*			*77.0-126*		*04/19/2022 17:06*	WG1850793
(S) 1,2-Dichloroethane-d4	*84.1*			*70.0-130*		*04/19/2022 17:06*	WG1850793

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	6.29		0.0247	0.100	1	04/27/2022 01:33	WG1853888
(S) o-Terphenyl	*145*			*31.0-160*		*04/27/2022 01:33*	WG1853888

Semi Volatile Organic Compounds (GC/MS) by Method 8270 C-mod

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,4-Dioxane	0.000612		0.0000447	0.000400	1	04/20/2022 18:33	WG1849822
(S) Nitrobenzene-d5	*88.9*			*10.0-120*		*04/20/2022 18:33*	WG1849822

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	3340		50.0	1	04/19/2022 19:08	WG1850638
Dissolved Solids	4330	Q	50.0	1	05/11/2022 12:13	WG1862144

Wet Chemistry by Method 353.2

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	U		0.0500	0.100	1	04/22/2022 19:04	WG1851919

Wet Chemistry by Method 4500CN E-2011

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Cyanide	U		0.00180	0.00500	1	04/25/2022 15:14	WG1852103

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	338		37.9	100	100	04/21/2022 21:30	WG1851537
Fluoride	1.34		0.0640	0.150	1	04/21/2022 21:14	WG1851537
Sulfate	2350		59.4	500	100	04/21/2022 21:30	WG1851537

Mercury by Method 7470A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Mercury	U		0.000100	0.000200	1	04/28/2022 08:35	WG1850020
Mercury,Dissolved	U		0.000100	0.000200	1	04/29/2022 10:32	WG1852270

Metals (ICP) by Method 6010B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Boron	0.568		0.0200	0.200	1	04/20/2022 16:25	WG1851270
Boron,Dissolved	0.571		0.0200	0.200	1	04/26/2022 23:51	WG1851304

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00394		0.000180	0.00200	1	04/21/2022 23:02	WG1850342
Arsenic,Dissolved	0.00388		0.000180	0.00200	1	04/25/2022 17:50	WG1850306
Barium	0.0135		0.000381	0.00200	1	04/21/2022 23:02	WG1850342
Barium,Dissolved	0.0127		0.000381	0.00200	1	04/25/2022 17:50	WG1850306
Cadmium	U		0.000150	0.00100	1	04/21/2022 23:02	WG1850342
Cadmium,Dissolved	U		0.000150	0.00100	1	04/25/2022 17:50	WG1850306
Calcium	534		0.0936	1.00	1	04/21/2022 23:02	WG1850342
Chromium	U		0.00124	0.00200	1	04/21/2022 23:02	WG1850342
Chromium,Dissolved	U		0.00124	0.00200	1	04/26/2022 12:25	WG1853681
Cobalt	0.000186	J	0.0000596	0.00200	1	04/21/2022 23:02	WG1850342
Cobalt,Dissolved	0.000303	J	0.0000596	0.00200	1	04/25/2022 17:50	WG1850306
Iron	1.08		0.0281	0.100	1	04/21/2022 23:02	WG1850342
Iron,Dissolved	0.876		0.0281	0.100	1	04/25/2022 17:50	WG1850306
Lead	0.00168	J	0.000849	0.00200	1	04/21/2022 23:02	WG1850342
Lead,Dissolved	U		0.000849	0.00200	1	04/25/2022 17:50	WG1850306
Manganese	0.639		0.000704	0.00500	1	04/21/2022 23:02	WG1850342
Manganese,Dissolved	0.620		0.000704	0.00500	1	04/25/2022 17:50	WG1850306
Nickel	0.00549		0.000816	0.00200	1	04/21/2022 23:02	WG1850342

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Nickel,Dissolved	0.00733	B	0.000816	0.00200	1	04/25/2022 17:50	WG1850306
Potassium	3.45		0.108	2.00	1	04/21/2022 23:02	WG1850342
Selenium	0.000481	J	0.000300	0.00200	1	04/21/2022 23:02	WG1850342
Selenium,Dissolved	0.000368	J	0.000300	0.00200	1	04/25/2022 17:50	WG1850306
Sodium	324		0.376	2.00	1	04/21/2022 23:02	WG1850342
Uranium	0.000763	J	0.0000789	0.00100	1	04/21/2022 23:02	WG1850342
Uranium,Dissolved	0.000739	J	0.0000789	0.00100	1	04/25/2022 17:50	WG1850306
Vanadium	0.00116	J	0.000664	0.00500	1	04/21/2022 23:02	WG1850342
Vanadium,Dissolved	0.00139	B J	0.000664	0.00500	1	04/25/2022 17:50	WG1850306

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/18/2022 20:04	WG1850380
Benzene	U		0.0000941	0.00100	1	04/18/2022 20:04	WG1850380
Bromodichloromethane	U		0.000136	0.00100	1	04/18/2022 20:04	WG1850380
Bromoform	U		0.000129	0.00100	1	04/18/2022 20:04	WG1850380
Bromomethane	U		0.000605	0.00500	1	04/18/2022 20:04	WG1850380
n-Butylbenzene	U		0.000157	0.00100	1	04/18/2022 20:04	WG1850380
sec-Butylbenzene	U		0.000125	0.00100	1	04/18/2022 20:04	WG1850380
Carbon disulfide	U		0.0000962	0.00100	1	04/18/2022 20:04	WG1850380
Carbon tetrachloride	U		0.000128	0.00100	1	04/18/2022 20:04	WG1850380
Chlorobenzene	U		0.000116	0.00100	1	04/18/2022 20:04	WG1850380
Chlorodibromomethane	U		0.000140	0.00100	1	04/18/2022 20:04	WG1850380
Chloroethane	U		0.000192	0.00500	1	04/18/2022 20:04	WG1850380
Chloroform	U		0.000111	0.00500	1	04/18/2022 20:04	WG1850380
Chloromethane	U		0.000960	0.00250	1	04/18/2022 20:04	WG1850380
1,2-Dibromoethane	U		0.000126	0.00100	1	04/18/2022 20:04	WG1850380
1,1-Dichloroethane	U		0.000100	0.00100	1	04/18/2022 20:04	WG1850380
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/18/2022 20:04	WG1850380
1,1-Dichloroethene	U		0.000188	0.00100	1	04/18/2022 20:04	WG1850380
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/18/2022 20:04	WG1850380
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/18/2022 20:04	WG1850380
1,2-Dichloropropane	U		0.000149	0.00100	1	04/18/2022 20:04	WG1850380
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/18/2022 20:04	WG1850380
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/18/2022 20:04	WG1850380
Ethylbenzene	U		0.000137	0.00100	1	04/18/2022 20:04	WG1850380
Isopropylbenzene	U		0.000105	0.00100	1	04/18/2022 20:04	WG1850380
p-Isopropyltoluene	U		0.000120	0.00100	1	04/18/2022 20:04	WG1850380
2-Butanone (MEK)	U		0.00119	0.0100	1	04/18/2022 20:04	WG1850380
2-Hexanone	U		0.000787	0.0100	1	04/18/2022 20:04	WG1850380
Methylene Chloride	U		0.000430	0.00500	1	04/18/2022 20:04	WG1850380
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/18/2022 20:04	WG1850380
Methyl tert-butyl ether	0.00829		0.000101	0.00100	1	04/18/2022 20:04	WG1850380
Naphthalene	U		0.00100	0.00500	1	04/18/2022 20:04	WG1850380
n-Propylbenzene	U		0.0000993	0.00100	1	04/18/2022 20:04	WG1850380
Styrene	U		0.000118	0.00100	1	04/18/2022 20:04	WG1850380
tert-Butyl alcohol	0.00568		0.00406	0.00500	1	04/18/2022 20:04	WG1850380
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/18/2022 20:04	WG1850380
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/18/2022 20:04	WG1850380
Tetrachloroethene	U		0.000300	0.00100	1	04/18/2022 20:04	WG1850380
Toluene	U		0.000278	0.00100	1	04/18/2022 20:04	WG1850380
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/18/2022 20:04	WG1850380
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/18/2022 20:04	WG1850380
Trichloroethene	U		0.000190	0.00100	1	04/18/2022 20:04	WG1850380
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/18/2022 20:04	WG1850380

MW-43
Collected date/time: 04/13/22 12:50
L1482988

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/18/2022 20:04	WG1850380
Vinyl chloride	U		0.000234	0.00100	1	04/18/2022 20:04	WG1850380
o-Xylene	U		0.000174	0.00100	1	04/18/2022 20:04	WG1850380
m&p-Xylene	U		0.000430	0.00200	1	04/18/2022 20:04	WG1850380
Xylenes, Total	U		0.000174	0.00300	1	04/18/2022 20:04	WG1850380
(S) Toluene-d8	*106*			*80.0-120*		*04/18/2022 20:04*	WG1850380
(S) 4-Bromofluorobenzene	*104*			*77.0-126*		*04/18/2022 20:04*	WG1850380
(S) 1,2-Dichloroethane-d4	*79.1*			*70.0-130*		*04/18/2022 20:04*	WG1850380

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
TPH (GC/FID) High Fraction	1.37		0.0247	0.100	1	04/27/2022 16:04	WG1853888
(S) o-Terphenyl	*133*			*31.0-160*		*04/27/2022 16:04*	WG1853888

Semi Volatile Organic Compounds (GC/MS) by Method 8270 C-mod

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
1,4-Dioxane	0.000273	J	0.0000447	0.000400	1	04/20/2022 18:52	WG1849822
(S) Nitrobenzene-d5	*56.6*			*10.0-120*		*04/20/2022 18:52*	WG1849822

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Acetone	U		0.0113	0.0500	1	04/19/2022 09:35	WG1850534
Benzene	U		0.0000941	0.00100	1	04/19/2022 09:35	WG1850534
Bromodichloromethane	U		0.000136	0.00100	1	04/19/2022 09:35	WG1850534
Bromoform	U		0.000129	0.00100	1	04/19/2022 09:35	WG1850534
Bromomethane	U		0.000605	0.00500	1	04/19/2022 09:35	WG1850534
n-Butylbenzene	U		0.000157	0.00100	1	04/19/2022 09:35	WG1850534
sec-Butylbenzene	U		0.000125	0.00100	1	04/19/2022 09:35	WG1850534
Carbon disulfide	0.000367	B J	0.0000962	0.00100	1	04/19/2022 09:35	WG1850534
Carbon tetrachloride	U		0.000128	0.00100	1	04/19/2022 09:35	WG1850534
Chlorobenzene	U		0.000116	0.00100	1	04/19/2022 09:35	WG1850534
Chlorodibromomethane	U		0.000140	0.00100	1	04/19/2022 09:35	WG1850534
Chloroethane	U		0.000192	0.00500	1	04/19/2022 09:35	WG1850534
Chloroform	U		0.000111	0.00500	1	04/19/2022 09:35	WG1850534
Chloromethane	U		0.000960	0.00250	1	04/19/2022 09:35	WG1850534
1,2-Dibromoethane	U		0.000126	0.00100	1	04/19/2022 09:35	WG1850534
1,1-Dichloroethane	U		0.000100	0.00100	1	04/19/2022 09:35	WG1850534
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/19/2022 09:35	WG1850534
1,1-Dichloroethene	U		0.000188	0.00100	1	04/19/2022 09:35	WG1850534
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/19/2022 09:35	WG1850534
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/19/2022 09:35	WG1850534
1,2-Dichloropropane	U		0.000149	0.00100	1	04/19/2022 09:35	WG1850534
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/19/2022 09:35	WG1850534
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/19/2022 09:35	WG1850534
Ethylbenzene	U		0.000137	0.00100	1	04/19/2022 09:35	WG1850534
Isopropylbenzene	U		0.000105	0.00100	1	04/19/2022 09:35	WG1850534
p-Isopropyltoluene	U		0.000120	0.00100	1	04/19/2022 09:35	WG1850534
2-Butanone (MEK)	U		0.00119	0.0100	1	04/19/2022 09:35	WG1850534
2-Hexanone	U		0.000787	0.0100	1	04/19/2022 09:35	WG1850534
Methylene Chloride	U		0.000430	0.00500	1	04/19/2022 09:35	WG1850534
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/19/2022 09:35	WG1850534
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/19/2022 09:35	WG1850534
Naphthalene	U		0.00100	0.00500	1	04/19/2022 09:35	WG1850534
n-Propylbenzene	U		0.0000993	0.00100	1	04/19/2022 09:35	WG1850534
Styrene	U		0.000118	0.00100	1	04/19/2022 09:35	WG1850534
tert-Butyl alcohol	U		0.00406	0.00500	1	04/19/2022 09:35	WG1850534
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/19/2022 09:35	WG1850534
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/19/2022 09:35	WG1850534
Tetrachloroethene	U		0.000300	0.00100	1	04/19/2022 09:35	WG1850534
Toluene	U		0.000278	0.00100	1	04/19/2022 09:35	WG1850534
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/19/2022 09:35	WG1850534
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/19/2022 09:35	WG1850534
Trichloroethene	U		0.000190	0.00100	1	04/19/2022 09:35	WG1850534
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/19/2022 09:35	WG1850534
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/19/2022 09:35	WG1850534
Vinyl chloride	U		0.000234	0.00100	1	04/19/2022 09:35	WG1850534
o-Xylene	U		0.000174	0.00100	1	04/19/2022 09:35	WG1850534
m&p-Xylene	U		0.000430	0.00200	1	04/19/2022 09:35	WG1850534
Xylenes, Total	U		0.000174	0.00300	1	04/19/2022 09:35	WG1850534
(S) Toluene-d8	*108*			*80.0-120*		*04/19/2022 09:35*	WG1850534
(S) 4-Bromofluorobenzene	*96.9*			*77.0-126*		*04/19/2022 09:35*	WG1850534
(S) 1,2-Dichloroethane-d4	*89.9*			*70.0-130*		*04/19/2022 09:35*	WG1850534

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	1210		20.0	1	04/19/2022 19:08	WG1850638

Wet Chemistry by Method 353.2

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	U		0.500	1.00	10	04/22/2022 19:05	WG1851919

Sample Narrative:

L1482988-64 WG1851919: Dilution due to sulfide hit.

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	190		3.79	10.0	10	04/21/2022 22:02	WG1851537
Fluoride	0.931		0.0640	0.150	1	04/21/2022 21:46	WG1851537
Sulfate	125		5.94	50.0	10	04/21/2022 22:02	WG1851537

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00428		0.000180	0.00200	1	04/21/2022 23:05	WG1850342
Arsenic,Dissolved	0.00357		0.000180	0.00200	1	04/25/2022 17:54	WG1850306
Barium	0.126		0.000381	0.00200	1	04/21/2022 23:05	WG1850342
Barium,Dissolved	0.120		0.000381	0.00200	1	04/25/2022 17:54	WG1850306
Calcium	164		0.0936	1.00	1	04/21/2022 23:05	WG1850342
Chromium	U		0.00124	0.00200	1	04/21/2022 23:05	WG1850342
Chromium,Dissolved	U		0.00124	0.00200	1	04/26/2022 12:29	WG1853681
Iron	0.133		0.0281	0.100	1	04/21/2022 23:05	WG1850342
Iron,Dissolved	0.0855	B J	0.0281	0.100	1	04/25/2022 17:54	WG1850306
Lead	U		0.000849	0.00200	1	04/21/2022 23:05	WG1850342
Lead,Dissolved	U		0.000849	0.00200	1	04/25/2022 17:54	WG1850306
Manganese	0.665		0.000704	0.00500	1	04/21/2022 23:05	WG1850342
Manganese,Dissolved	0.634		0.000704	0.00500	1	04/25/2022 17:54	WG1850306
Potassium	0.762	J	0.108	2.00	1	04/21/2022 23:05	WG1850342
Selenium	U		0.000300	0.00200	1	04/21/2022 23:05	WG1850342
Selenium,Dissolved	U		0.000300	0.00200	1	04/25/2022 17:54	WG1850306
Sodium	135		0.376	2.00	1	04/21/2022 23:05	WG1850342

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	1.08		0.0314	0.100	1	04/20/2022 01:13	WG1851118
(S) a,a,a-Trifluorotoluene(FID)	*99.8*			*78.0-120*		*04/20/2022 01:13*	WG1851118

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/19/2022 11:57	WG1850534
Benzene	0.173		0.0000941	0.00100	1	04/19/2022 11:57	WG1850534
Bromodichloromethane	U		0.000136	0.00100	1	04/19/2022 11:57	WG1850534
Bromoform	U		0.000129	0.00100	1	04/19/2022 11:57	WG1850534
Bromomethane	U		0.000605	0.00500	1	04/19/2022 11:57	WG1850534
n-Butylbenzene	U		0.000157	0.00100	1	04/19/2022 11:57	WG1850534

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
sec-Butylbenzene	0.00269		0.000125	0.00100	1	04/19/2022 11:57	WG1850534
Carbon disulfide	0.000487	B J	0.0000962	0.00100	1	04/19/2022 11:57	WG1850534
Carbon tetrachloride	U		0.000128	0.00100	1	04/19/2022 11:57	WG1850534
Chlorobenzene	U		0.000116	0.00100	1	04/19/2022 11:57	WG1850534
Chlorodibromomethane	U		0.000140	0.00100	1	04/19/2022 11:57	WG1850534
Chloroethane	U		0.000192	0.00500	1	04/19/2022 11:57	WG1850534
Chloroform	U		0.000111	0.00500	1	04/19/2022 11:57	WG1850534
Chloromethane	U		0.000960	0.00250	1	04/19/2022 11:57	WG1850534
1,2-Dibromoethane	U		0.000126	0.00100	1	04/19/2022 11:57	WG1850534
1,1-Dichloroethane	U		0.000100	0.00100	1	04/19/2022 11:57	WG1850534
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/19/2022 11:57	WG1850534
1,1-Dichloroethene	U		0.000188	0.00100	1	04/19/2022 11:57	WG1850534
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/19/2022 11:57	WG1850534
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/19/2022 11:57	WG1850534
1,2-Dichloropropane	U		0.000149	0.00100	1	04/19/2022 11:57	WG1850534
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/19/2022 11:57	WG1850534
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/19/2022 11:57	WG1850534
Ethylbenzene	0.00323		0.000137	0.00100	1	04/19/2022 11:57	WG1850534
Isopropylbenzene	0.00977		0.000105	0.00100	1	04/19/2022 11:57	WG1850534
p-Isopropyltoluene	U		0.000120	0.00100	1	04/19/2022 11:57	WG1850534
2-Butanone (MEK)	U		0.00119	0.0100	1	04/19/2022 11:57	WG1850534
2-Hexanone	U		0.000787	0.0100	1	04/19/2022 11:57	WG1850534
Methylene Chloride	U		0.000430	0.00500	1	04/19/2022 11:57	WG1850534
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/19/2022 11:57	WG1850534
Methyl tert-butyl ether	0.0629		0.000101	0.00100	1	04/19/2022 11:57	WG1850534
Naphthalene	0.00141	J	0.00100	0.00500	1	04/19/2022 11:57	WG1850534
n-Propylbenzene	0.00481		0.0000993	0.00100	1	04/19/2022 11:57	WG1850534
Styrene	U		0.000118	0.00100	1	04/19/2022 11:57	WG1850534
tert-Butyl alcohol	0.114		0.00406	0.00500	1	04/19/2022 11:57	WG1850534
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/19/2022 11:57	WG1850534
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/19/2022 11:57	WG1850534
Tetrachloroethene	U		0.000300	0.00100	1	04/19/2022 11:57	WG1850534
Toluene	0.00114		0.000278	0.00100	1	04/19/2022 11:57	WG1850534
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/19/2022 11:57	WG1850534
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/19/2022 11:57	WG1850534
Trichloroethene	U		0.000190	0.00100	1	04/19/2022 11:57	WG1850534
1,2,4-Trimethylbenzene	0.000845	J	0.000322	0.00100	1	04/19/2022 11:57	WG1850534
1,3,5-Trimethylbenzene	0.000556	J	0.000104	0.00100	1	04/19/2022 11:57	WG1850534
Vinyl chloride	U		0.000234	0.00100	1	04/19/2022 11:57	WG1850534
o-Xylene	U		0.000174	0.00100	1	04/19/2022 11:57	WG1850534
m&p-Xylene	0.00122	J	0.000430	0.00200	1	04/19/2022 11:57	WG1850534
Xylenes, Total	0.00122	J	0.000174	0.00300	1	04/19/2022 11:57	WG1850534
(S) Toluene-d8	*103*			*80.0-120*		*04/19/2022 11:57*	WG1850534
(S) 4-Bromofluorobenzene	*97.1*			*77.0-126*		*04/19/2022 11:57*	WG1850534
(S) 1,2-Dichloroethane-d4	*87.3*			*70.0-130*		*04/19/2022 11:57*	WG1850534

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	6.81		0.0247	0.100	1	04/27/2022 02:19	WG1853888
(S) o-Terphenyl	*151*			*31.0-160*		*04/27/2022 02:19*	WG1853888

MW-101
Collected date/time: 04/13/22 14:45
L1482988

Semi Volatile Organic Compounds (GC/MS) by Method 8270 C-mod

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
1,4-Dioxane	0.000599		0.0000447	0.000400	1	04/20/2022 19:11	WG1849822
(S) Nitrobenzene-d5	*78.7*			*10.0-120*		*04/20/2022 19:11*	WG1849822

Method Blank (MB)

(MB) R3782708-1 04/17/22 04:51

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Dissolved Solids	U		10.0	10.0

L1482870-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1482870-01 04/17/22 04:51 • (DUP) R3782708-3 04/17/22 04:51

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Dissolved Solids	1280	1290	1	1.09		5

L1482976-12 Original Sample (OS) • Duplicate (DUP)

(OS) L1482976-12 04/17/22 04:51 • (DUP) R3782708-4 04/17/22 04:51

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Dissolved Solids	536	549	1	2.40		5

Laboratory Control Sample (LCS)

(LCS) R3782708-2 04/17/22 04:51

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Dissolved Solids	8800	8570	97.4	77.4-123	

Method Blank (MB)

(MB) R3783196-1 04/18/22 17:29

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Dissolved Solids	U		10.0	10.0

L1481772-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1481772-01 04/18/22 17:29 • (DUP) R3783196-3 04/18/22 17:29

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Dissolved Solids	751	780	1	3.83		5

L1481772-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1481772-02 04/18/22 17:29 • (DUP) R3783196-4 04/18/22 17:29

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Dissolved Solids	700	725	1	3.55		5

Laboratory Control Sample (LCS)

(LCS) R3783196-2 04/18/22 17:29

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Dissolved Solids	8800	8140	92.5	77.4-123	

Method Blank (MB)

(MB) R3783202-1 04/18/22 18:37

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Dissolved Solids	U		10.0	10.0

L1482988-07 Original Sample (OS) • Duplicate (DUP)

(OS) L1482988-07 04/18/22 18:37 • (DUP) R3783202-3 04/18/22 18:37

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Dissolved Solids	1780	1950	1	9.40	J3	5

L1482988-10 Original Sample (OS) • Duplicate (DUP)

(OS) L1482988-10 04/18/22 18:37 • (DUP) R3783202-4 04/18/22 18:37

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Dissolved Solids	2500	2920	1	15.5	J3	5

Laboratory Control Sample (LCS)

(LCS) R3783202-2 04/18/22 18:37

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Dissolved Solids	8800	8090	91.9	77.4-123	

Method Blank (MB)

(MB) R3783305-1 04/19/22 13:14

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Dissolved Solids	U		10.0	10.0

L1482988-32 Original Sample (OS) • Duplicate (DUP)

(OS) L1482988-32 04/19/22 13:14 • (DUP) R3783305-3 04/19/22 13:14

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Dissolved Solids	1060	1090	1	3.35		5

L1482988-35 Original Sample (OS) • Duplicate (DUP)

(OS) L1482988-35 04/19/22 13:14 • (DUP) R3783305-4 04/19/22 13:14

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Dissolved Solids	1330	1350	1	1.79		5

Laboratory Control Sample (LCS)

(LCS) R3783305-2 04/19/22 13:14

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Dissolved Solids	8800	8480	96.4	77.4-123	

Method Blank (MB)

(MB) R3783290-1 04/19/22 19:08

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Dissolved Solids	U		10.0	10.0

L1482988-50 Original Sample (OS) • Duplicate (DUP)

(OS) L1482988-50 04/19/22 19:08 • (DUP) R3783290-3 04/19/22 19:08

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Dissolved Solids	1060	1090	1	2.78		5

L1482988-52 Original Sample (OS) • Duplicate (DUP)

(OS) L1482988-52 04/19/22 19:08 • (DUP) R3783290-4 04/19/22 19:08

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Dissolved Solids	1390	1450	1	4.24		5

Laboratory Control Sample (LCS)

(LCS) R3783290-2 04/19/22 19:08

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Dissolved Solids	8800	8560	97.3	77.4-123	

Method Blank (MB)

(MB) R3783831-1 04/20/22 18:25

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Dissolved Solids	U		10.0	10.0

L1480129-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1480129-01 04/20/22 18:25 • (DUP) R3783831-3 04/20/22 18:25

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Dissolved Solids	4000	4200	1	4.88		5

Sample Narrative:

OS: Dilution due to matrix. Re-ran tio confirm.

L1482988-55 Original Sample (OS) • Duplicate (DUP)

(OS) L1482988-55 04/20/22 18:25 • (DUP) R3783831-4 04/20/22 18:25

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Dissolved Solids	22.0	21.0	1	4.65		5

Laboratory Control Sample (LCS)

(LCS) R3783831-2 04/20/22 18:25

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Dissolved Solids	8800	8420	95.7	77.4-123	

Method Blank (MB)

(MB) R3784885-1 04/21/22 19:35

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Dissolved Solids	U		10.0	10.0

L1482901-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1482901-01 04/21/22 19:35 • (DUP) R3784885-3 04/21/22 19:35

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Dissolved Solids	732	753	1	2.87		5

L1482988-42 Original Sample (OS) • Duplicate (DUP)

(OS) L1482988-42 04/21/22 19:35 • (DUP) R3784885-4 04/21/22 19:35

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Dissolved Solids	2080	2100	1	1.20		5

Laboratory Control Sample (LCS)

(LCS) R3784885-2 04/21/22 19:35

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Dissolved Solids	8800	8320	94.5	77.4-123	

Method Blank (MB)

(MB) R3786752-1 04/28/22 16:15

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Dissolved Solids	U		10.0	10.0

L1482988-23 Original Sample (OS) • Duplicate (DUP)

(OS) L1482988-23 04/28/22 16:15 • (DUP) R3786752-3 04/28/22 16:15

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Dissolved Solids	8420	8720	1	3.50		5

Laboratory Control Sample (LCS)

(LCS) R3786752-2 04/28/22 16:15

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Dissolved Solids	2460	2510	102	81.7-118	

Method Blank (MB)

(MB) R3791393-1 05/11/22 12:13

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Dissolved Solids	U		10.0	10.0

L1482988-03 Original Sample (OS) • Duplicate (DUP)

(OS) L1482988-03 05/11/22 12:13 • (DUP) R3791393-3 05/11/22 12:13

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Dissolved Solids	5160	5100	1	1.17		5

L1482988-41 Original Sample (OS) • Duplicate (DUP)

(OS) L1482988-41 05/11/22 12:13 • (DUP) R3791393-4 05/11/22 12:13

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Dissolved Solids	4070	3980	1	2.24		5

Laboratory Control Sample (LCS)

(LCS) R3791393-2 05/11/22 12:13

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Dissolved Solids	2460	2420	98.4	81.7-118	

Method Blank (MB)

(MB) R3791374-1 05/11/22 13:46

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Dissolved Solids	U		10.0	10.0

L1490098-13 Original Sample (OS) • Duplicate (DUP)

(OS) L1490098-13 05/11/22 13:46 • (DUP) R3791374-3 05/11/22 13:46

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Dissolved Solids	891	909	1	2.07		5

L1490677-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1490677-02 05/11/22 13:46 • (DUP) R3791374-4 05/11/22 13:46

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Dissolved Solids	784	808	1	3.02		5

Laboratory Control Sample (LCS)

(LCS) R3791374-2 05/11/22 13:46

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Dissolved Solids	2460	2480	101	81.7-118	

Method Blank (MB)

(MB) R3783864-1 04/21/22 21:41

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Nitrate-Nitrite	U		0.0500	0.100

L1482976-17 Original Sample (OS) • Duplicate (DUP)

(OS) L1482976-17 04/21/22 21:45 • (DUP) R3783864-3 04/21/22 21:46

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Nitrate-Nitrite	U	U	1	0.000		20

L1482988-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1482988-01 04/21/22 21:51 • (DUP) R3783864-6 04/21/22 21:57

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Nitrate-Nitrite	U	U	1	0.000		20

Laboratory Control Sample (LCS)

(LCS) R3783864-2 04/21/22 21:43

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Nitrate-Nitrite	2.50	2.54	102	90.0-110	

L1482976-17 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1482976-17 04/21/22 21:45 • (MS) R3783864-4 04/21/22 21:48 • (MSD) R3783864-5 04/21/22 21:49

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Nitrate-Nitrite	2.50	U	2.50	2.59	100	104	1	90.0-110			3.54	20

L1482988-01 Original Sample (OS) • Matrix Spike (MS)

(OS) L1482988-01 04/21/22 21:51 • (MS) R3783864-7 04/21/22 21:58

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Nitrate-Nitrite	2.50	U	2.48	99.2	1	90.0-110	

Method Blank (MB)

(MB) R3783868-1 04/21/22 22:38

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Nitrate-Nitrite	U		0.0500	0.100

L1482988-23 Original Sample (OS) • Duplicate (DUP)

(OS) L1482988-23 04/21/22 22:46 • (DUP) R3783868-3 04/21/22 22:47

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Nitrate-Nitrite	U	U	1	0.000		20

L1482988-27 Original Sample (OS) • Duplicate (DUP)

(OS) L1482988-27 04/21/22 22:57 • (DUP) R3783868-6 04/21/22 22:59

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Nitrate-Nitrite	U	U	1	0.000		20

Laboratory Control Sample (LCS)

(LCS) R3783868-2 04/21/22 22:40

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Nitrate-Nitrite	2.50	2.51	100	90.0-110	

L1482988-23 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1482988-23 04/21/22 22:46 • (MS) R3783868-4 04/21/22 22:48 • (MSD) R3783868-5 04/21/22 22:54

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Nitrate-Nitrite	2.50	U	2.52	2.48	101	99.2	1	90.0-110			1.60	20

L1482988-27 Original Sample (OS) • Matrix Spike (MS)

(OS) L1482988-27 04/21/22 22:57 • (MS) R3783868-7 04/21/22 23:00

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Nitrate-Nitrite	2.50	U	2.50	100	1	90.0-110	

Method Blank (MB)

(MB) R3784203-1 04/22/22 14:51

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Nitrate-Nitrite	U		0.0500	0.100

L1482988-40 Original Sample (OS) • Duplicate (DUP)

(OS) L1482988-40 04/22/22 14:54 • (DUP) R3784203-3 04/22/22 14:55

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Nitrate-Nitrite	2.60	2.61	1	0.384		20

L1482988-45 Original Sample (OS) • Duplicate (DUP)

(OS) L1482988-45 04/22/22 15:57 • (DUP) R3784203-10 04/22/22 15:58

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Nitrate-Nitrite	U	U	1	0.000		20

Laboratory Control Sample (LCS)

(LCS) R3784203-2 04/22/22 14:53

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Nitrate-Nitrite	2.50	2.53	101	90.0-110	

L1482988-40 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1482988-40 04/22/22 14:54 • (MS) R3784203-4 04/22/22 14:56 • (MSD) R3784203-5 04/22/22 14:58

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Nitrate-Nitrite	2.50	2.60	5.01	5.01	96.4	96.4	1	90.0-110	E	E	0.000	20

L1482988-45 Original Sample (OS) • Matrix Spike (MS)

(OS) L1482988-45 04/22/22 15:57 • (MS) R3784203-11 04/22/22 16:00

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Nitrate-Nitrite	2.50	U	2.45	98.0	1	90.0-110	

Method Blank (MB)

(MB) R3784259-1 04/22/22 18:39

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Nitrate-Nitrite	U		0.0500	0.100

L1482314-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1482314-01 04/22/22 18:41 • (DUP) R3784259-3 04/22/22 18:43

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Nitrate-Nitrite	0.380	0.380	1	0.000		20

L1482976-25 Original Sample (OS) • Duplicate (DUP)

(OS) L1482976-25 04/22/22 18:56 • (DUP) R3784259-5 04/22/22 18:58

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Nitrate-Nitrite	U	U	1	0.000		20

Laboratory Control Sample (LCS)

(LCS) R3784259-2 04/22/22 18:40

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Nitrate-Nitrite	2.50	2.54	102	90.0-110	

L1482314-01 Original Sample (OS) • Matrix Spike (MS)

(OS) L1482314-01 04/22/22 18:41 • (MS) R3784259-4 04/22/22 18:44

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Nitrate-Nitrite	2.50	0.380	2.90	101	1	90.0-110	

L1482976-25 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1482976-25 04/22/22 18:56 • (MS) R3784259-6 04/22/22 18:59 • (MSD) R3784259-7 04/22/22 19:00

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Nitrate-Nitrite	2.50	U	2.41	2.42	96.4	96.8	1	90.0-110			0.414	20

Method Blank (MB)

(MB) R3784827-1 04/25/22 14:45

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Cyanide	U		0.00180	0.00500

L1482791-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1482791-02 04/25/22 14:58 • (DUP) R3784827-3 04/25/22 14:59

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Cyanide	U	U	1	0.000		20

L1482988-40 Original Sample (OS) • Duplicate (DUP)

(OS) L1482988-40 04/25/22 15:11 • (DUP) R3784827-6 04/25/22 15:12

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Cyanide	U	U	1	0.000		20

Laboratory Control Sample (LCS)

(LCS) R3784827-2 04/25/22 14:46

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Cyanide	0.100	0.0982	98.2	87.1-120	

L1482877-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1482877-01 04/25/22 15:02 • (MS) R3784827-4 04/25/22 15:03 • (MSD) R3784827-5 04/25/22 15:04

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Cyanide	0.100	U	0.0971	0.0989	97.1	98.9	1	90.0-110			1.84	20

L1482988-61 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1482988-61 04/25/22 15:14 • (MS) R3784827-7 04/25/22 15:15 • (MSD) R3784827-8 04/25/22 15:16

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Cyanide	0.100	U	0.0947	0.0985	94.7	98.5	1	90.0-110			3.93	20

Method Blank (MB)

(MB) R3785338-1 04/19/22 01:25

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Chloride	U		0.379	1.00
Fluoride	U		0.0640	0.150
Sulfate	U		0.594	5.00

L1482976-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1482976-01 04/19/22 02:06 • (DUP) R3785338-3 04/19/22 02:21

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	51.9	51.8	1	0.108		15
Fluoride	0.985	0.981	1	0.427		15
Sulfate	73.1	73.1	1	0.0804		15

L1482988-25 Original Sample (OS) • Duplicate (DUP)

(OS) L1482988-25 04/19/22 22:02 • (DUP) R3785338-5 04/19/22 22:17

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	U	U	1	0.000		15
Fluoride	U	U	1	0.000		15
Sulfate	U	U	1	0.000		15

Laboratory Control Sample (LCS)

(LCS) R3785338-2 04/19/22 01:41

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Chloride	40.0	40.0	100	80.0-120	
Fluoride	8.00	8.10	101	80.0-120	
Sulfate	40.0	40.5	101	80.0-120	

L1482976-01 Original Sample (OS) • Matrix Spike (MS)

(OS) L1482976-01 04/19/22 02:06 • (MS) R3785338-4 04/19/22 02:36

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Chloride	50.0	51.9	102	99.6	1	80.0-120	E
Fluoride	5.00	0.985	6.08	102	1	80.0-120	
Sulfate	50.0	73.1	121	96.4	1	80.0-120	E

L1482988-25 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1482988-25 04/19/22 22:02 • (MS) R3785338-6 04/19/22 22:33 • (MSD) R3785338-7 04/19/22 22:48

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Chloride	50.0	U	46.6	46.8	93.2	93.6	1	80.0-120			0.438	15
Fluoride	5.00	U	4.57	4.60	91.5	91.9	1	80.0-120			0.486	15
Sulfate	50.0	U	46.7	46.8	93.3	93.7	1	80.0-120			0.355	15

Method Blank (MB)

(MB) R3786495-1 04/20/22 00:33

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Chloride	U		0.379	1.00
Fluoride	U		0.0640	0.150
Sulfate	U		0.594	5.00

L1482988-07 Original Sample (OS) • Duplicate (DUP)

(OS) L1482988-07 04/20/22 04:55 • (DUP) R3786495-3 04/20/22 05:11

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Fluoride	0.768	0.769	1	0.104		15

L1482988-07 Original Sample (OS) • Duplicate (DUP)

(OS) L1482988-07 04/20/22 05:57 • (DUP) R3786495-6 04/20/22 06:12

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	145	144	10	0.471		15
Sulfate	885	882	10	0.319		15

L1482988-17 Original Sample (OS) • Duplicate (DUP)

(OS) L1482988-17 04/20/22 12:07 • (DUP) R3786495-7 04/20/22 12:22

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Fluoride	0.897	0.893	1	0.447		15

L1482988-17 Original Sample (OS) • Duplicate (DUP)

(OS) L1482988-17 04/20/22 12:53 • (DUP) R3786495-9 04/20/22 13:39

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	1350	1340	100	0.844		15
Sulfate	1960	1940	100	1.18		15

Laboratory Control Sample (LCS)

(LCS) R3786495-2 04/20/22 00:49

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Chloride	40.0	39.3	98.1	80.0-120	
Fluoride	8.00	7.98	99.8	80.0-120	
Sulfate	40.0	39.8	99.6	80.0-120	

L1482988-17 Original Sample (OS) • Matrix Spike (MS)

(OS) L1482988-17 04/20/22 12:07 • (MS) R3786495-8 04/20/22 12:38

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Chloride	50.0	1360	1350	0.000	1	80.0-120	E V
Fluoride	5.00	0.897	5.08	83.6	1	80.0-120	
Sulfate	50.0	1980	1930	0.000	1	80.0-120	E V

L1482988-07 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1482988-07 04/20/22 04:55 • (MS) R3786495-4 04/20/22 05:26 • (MSD) R3786495-5 04/20/22 05:41

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Chloride	50.0	142	183	183	82.2	82.0	1	80.0-120	E	E	0.0543	15
Fluoride	5.00	0.768	5.05	5.27	85.6	90.1	1	80.0-120			4.39	15
Sulfate	50.0	835	872	872	74.6	73.7	1	80.0-120	E V	E V	0.0530	15

Method Blank (MB)

(MB) R3786371-1 04/20/22 02:53

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Chloride	U		0.379	1.00
Fluoride	U		0.0640	0.150
Sulfate	U		0.594	5.00

L1482976-21 Original Sample (OS) • Duplicate (DUP)

(OS) L1482976-21 04/20/22 10:20 • (DUP) R3786371-3 04/20/22 10:36

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	27.4	27.5	1	0.303		15
Fluoride	0.357	0.348	1	2.78		15
Sulfate	73.9	73.8	1	0.0364		15

L1482988-38 Original Sample (OS) • Duplicate (DUP)

(OS) L1482988-38 04/20/22 19:14 • (DUP) R3786371-6 04/20/22 19:31

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Fluoride	0.883	0.881	1	0.227		15

L1482988-38 Original Sample (OS) • Duplicate (DUP)

(OS) L1482988-38 04/20/22 19:47 • (DUP) R3786371-7 04/20/22 20:04

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	397	396	10	0.340		15
Sulfate	340	340	10	0.0562		15

Laboratory Control Sample (LCS)

(LCS) R3786371-2 04/20/22 03:09

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Chloride	40.0	39.6	99.0	80.0-120	
Fluoride	8.00	7.85	98.1	80.0-120	
Sulfate	40.0	40.0	100	80.0-120	

L1482976-21 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1482976-21 04/20/22 10:20 • (MS) R3786371-4 04/20/22 10:53 • (MSD) R3786371-5 04/20/22 11:09

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Chloride	50.0	27.4	76.8	76.6	98.9	98.4	1	80.0-120			0.353	15
Fluoride	5.00	0.357	5.47	5.45	102	102	1	80.0-120			0.311	15
Sulfate	50.0	73.9	121	122	93.8	97.1	1	80.0-120	E	E	1.37	15

L1482988-38 Original Sample (OS) • Matrix Spike (MS)

(OS) L1482988-38 04/20/22 19:14 • (MS) R3786371-8 04/20/22 20:20

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Chloride	50.0	396	425	58.7	1	80.0-120	E V
Fluoride	5.00	0.883	5.85	99.3	1	80.0-120	
Sulfate	50.0	345	370	50.9	1	80.0-120	E V

Method Blank (MB)

(MB) R3786372-1 04/21/22 01:15

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Chloride	U		0.379	1.00
Fluoride	U		0.0640	0.150
Sulfate	U		0.594	5.00

L1482976-25 Original Sample (OS) • Duplicate (DUP)

(OS) L1482976-25 04/21/22 03:19 • (DUP) R3786372-3 04/21/22 03:35

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	91.8	90.0	1	1.95		15
Fluoride	0.715	0.714	1	0.126		15
Sulfate	8.21	8.13	1	0.995		15

L1482988-47 Original Sample (OS) • Duplicate (DUP)

(OS) L1482988-47 04/21/22 05:46 • (DUP) R3786372-6 04/21/22 06:03

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	U	U	1	0.000		15
Fluoride	U	U	1	0.000		15
Sulfate	U	U	1	0.000		15

Laboratory Control Sample (LCS)

(LCS) R3786372-2 04/21/22 01:32

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Chloride	40.0	39.4	98.5	80.0-120	
Fluoride	8.00	8.09	101	80.0-120	
Sulfate	40.0	40.1	100	80.0-120	

L1482976-25 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1482976-25 04/21/22 03:19 • (MS) R3786372-4 04/21/22 03:51 • (MSD) R3786372-5 04/21/22 04:08

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Chloride	50.0	91.8	137	137	90.7	89.6	1	80.0-120	E	E	0.418	15
Fluoride	5.00	0.715	5.72	5.72	100	100	1	80.0-120			0.0297	15
Sulfate	50.0	8.21	58.1	56.9	99.7	97.3	1	80.0-120			2.10	15

L1482988-47 Original Sample (OS) • Matrix Spike (MS)

(OS) L1482988-47 04/21/22 05:46 • (MS) R3786372-7 04/21/22 06:19

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Chloride	50.0	U	19.6	39.1	1	80.0-120	J6
Fluoride	5.00	U	1.90	37.9	1	80.0-120	J6
Sulfate	50.0	U	19.5	38.9	1	80.0-120	J6

Method Blank (MB)

(MB) R3786784-1 04/30/22 17:10

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Chloride	U		0.379	1.00
Fluoride	U		0.0640	0.150
Sulfate	U		0.594	5.00

L1484837-05 Original Sample (OS) • Duplicate (DUP)

(OS) L1484837-05 04/30/22 17:51 • (DUP) R3786784-3 04/30/22 18:04

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	276	275	1	0.340	E	15
Fluoride	0.378	0.331	1	13.4		15
Sulfate	314	313	1	0.515	E	15

Laboratory Control Sample (LCS)

(LCS) R3786784-2 04/30/22 17:23

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Chloride	40.0	37.0	92.4	80.0-120	
Fluoride	8.00	7.72	96.5	80.0-120	
Sulfate	40.0	37.4	93.6	80.0-120	

L1484837-05 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1484837-05 04/30/22 17:51 • (MS) R3786784-4 04/30/22 18:18 • (MSD) R3786784-5 04/30/22 18:31

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Chloride	50.0	276	307	312	63.5	73.3	1	80.0-120	E V	E V	1.58	15
Fluoride	5.00	0.378	4.17	4.25	75.8	77.4	1	80.0-120	J6	J6	1.97	15
Sulfate	50.0	314	346	351	63.3	73.8	1	80.0-120	E V	E V	1.50	15

Method Blank (MB)

(MB) R3786019-1 04/28/22 10:47

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Mercury	U		0.000100	0.000200

Laboratory Control Sample (LCS)

(LCS) R3786019-2 04/28/22 10:49

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Mercury	0.00300	0.00307	102	80.0-120	

L1482976-05 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1482976-05 04/28/22 10:51 • (MS) R3786019-3 04/28/22 10:54 • (MSD) R3786019-4 04/28/22 11:02

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Mercury	0.00300	U	0.00321	0.00319	107	106	1	75.0-125			0.625	20

Received by OCD: 6/14/2023 2:07:46 PM

Method Blank (MB)

(MB) R3785915-1 04/28/22 08:19

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Mercury	U		0.000100	0.000200

Laboratory Control Sample (LCS)

(LCS) R3785915-2 04/28/22 08:21

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Mercury	0.00300	0.00298	99.3	80.0-120	

L1483240-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1483240-02 04/28/22 08:24 • (MS) R3785915-3 04/28/22 08:26 • (MSD) R3785915-4 04/28/22 08:28

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Mercury	0.00300	0.000170	0.00340	0.00332	108	105	1	75.0-125			2.38	20

Released to Imaging: 10/3/2023 9:38:32 AM

Received by OCD: 6/14/2023 2:07:46 PM

Method Blank (MB)

(MB) R3785617-1 04/27/22 11:27

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Mercury,Dissolved	U		0.000100	0.000200

Laboratory Control Sample (LCS)

(LCS) R3785617-2 04/27/22 11:29

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Mercury,Dissolved	0.00300	0.00303	101	80.0-120	

L1482677-19 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1482677-19 04/27/22 11:31 • (MS) R3785617-3 04/27/22 11:34 • (MSD) R3785617-4 04/27/22 11:36

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Mercury,Dissolved	0.00300	U	0.00311	0.00310	104	103	1	75.0-125			0.322	20

Released to Imaging: 10/3/2023 9:38:32 AM

Method Blank (MB)

(MB) R3786501-1 04/29/22 10:10

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Mercury,Dissolved	U		0.000100	0.000200

Laboratory Control Sample (LCS)

(LCS) R3786501-2 04/29/22 10:13

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Mercury,Dissolved	0.00300	0.00312	104	80.0-120	

L1482988-38 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1482988-38 04/29/22 10:15 • (MS) R3786501-3 04/29/22 10:17 • (MSD) R3786501-4 04/29/22 10:19

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Mercury,Dissolved	0.00300	U	0.00308	0.00288	103	96.0	1	75.0-125			6.71	20

Method Blank (MB)

(MB) R3783449-1 04/20/22 15:42

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Boron	U		0.0200	0.200

Laboratory Control Sample (LCS)

(LCS) R3783449-2 04/20/22 15:44

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Boron	1.00	0.964	96.4	80.0-120	

L1482988-21 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1482988-21 04/20/22 15:48 • (MS) R3783449-4 04/20/22 15:54 • (MSD) R3783449-5 04/20/22 15:57

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Boron	1.00	1.02	2.00	1.99	97.2	96.5	1	75.0-125			0.367	20

Method Blank (MB)

(MB) R3785386-1 04/26/22 23:09

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Boron,Dissolved	U		0.0200	0.200

Laboratory Control Sample (LCS)

(LCS) R3785386-2 04/26/22 23:11

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Boron,Dissolved	1.00	0.983	98.3	80.0-120	

L1482949-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1482949-02 04/26/22 23:14 • (MS) R3785386-4 04/26/22 23:19 • (MSD) R3785386-5 04/26/22 23:21

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Boron,Dissolved	1.00	0.692	1.66	1.67	97.0	97.3	1	75.0-125			0.200	20

Method Blank (MB)

(MB) R3785005-1 04/25/22 20:29

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Arsenic,Dissolved	U		0.000180	0.00200
Barium,Dissolved	0.000502	J	0.000381	0.00200
Chromium,Dissolved	U		0.00124	0.00200
Iron,Dissolved	U		0.0281	0.100
Lead,Dissolved	U		0.000849	0.00200
Manganese,Dissolved	U		0.000704	0.00500
Selenium,Dissolved	U		0.000300	0.00200

Laboratory Control Sample (LCS)

(LCS) R3785005-2 04/25/22 20:32

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Arsenic,Dissolved	0.0500	0.0508	102	80.0-120	
Barium,Dissolved	0.0500	0.0525	105	80.0-120	
Chromium,Dissolved	0.0500	0.0526	105	80.0-120	
Iron,Dissolved	5.00	5.20	104	80.0-120	
Lead,Dissolved	0.0500	0.0498	99.6	80.0-120	
Manganese,Dissolved	0.0500	0.0533	107	80.0-120	
Selenium,Dissolved	0.0500	0.0506	101	80.0-120	

L1482677-19 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1482677-19 04/25/22 20:36 • (MS) R3785005-4 04/25/22 20:42 • (MSD) R3785005-5 04/25/22 20:46

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Arsenic,Dissolved	0.0500	0.000269	0.0500	0.0503	99.4	100	1	75.0-125			0.616	20
Barium,Dissolved	0.0500	0.00361	0.0515	0.0520	95.8	96.7	1	75.0-125			0.863	20
Chromium,Dissolved	0.0500	0.00682	0.0521	0.0527	90.5	91.7	1	75.0-125			1.14	20
Iron,Dissolved	5.00	0.0514	5.10	5.11	101	101	1	75.0-125			0.283	20
Lead,Dissolved	0.0500	U	0.0496	0.0483	99.3	96.6	1	75.0-125			2.72	20
Manganese,Dissolved	0.0500	U	0.0514	0.0507	103	101	1	75.0-125			1.38	20
Selenium,Dissolved	0.0500	0.00136	0.0522	0.0529	102	103	1	75.0-125			1.43	20

Method Blank (MB)

(MB) R3784643-1 04/25/22 00:58

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Arsenic,Dissolved	U		0.000180	0.00200
Barium,Dissolved	0.000395	J	0.000381	0.00200
Cadmium,Dissolved	U		0.000150	0.00100
Chromium,Dissolved	U		0.00124	0.00200
Cobalt,Dissolved	0.0000725	J	0.0000596	0.00200
Iron,Dissolved	U		0.0281	0.100
Lead,Dissolved	U		0.000849	0.00200
Manganese,Dissolved	0.000887	J	0.000704	0.00500
Selenium,Dissolved	U		0.000300	0.00200
Uranium,Dissolved	U		0.0000789	0.00100
Vanadium,Dissolved	0.00142	J	0.000664	0.00500

Method Blank (MB)

(MB) R3784892-1 04/25/22 17:44

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Nickel,Dissolved	U		0.000816	0.00200

Laboratory Control Sample (LCS)

(LCS) R3784643-2 04/25/22 01:02

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Arsenic,Dissolved	0.0500	0.0486	97.2	80.0-120	
Barium,Dissolved	0.0500	0.0486	97.2	80.0-120	
Cadmium,Dissolved	0.0500	0.0507	101	80.0-120	
Chromium,Dissolved	0.0500	0.0517	103	80.0-120	
Cobalt,Dissolved	0.0500	0.0507	101	80.0-120	
Iron,Dissolved	5.00	5.05	101	80.0-120	
Lead,Dissolved	0.0500	0.0490	98.0	80.0-120	
Manganese,Dissolved	0.0500	0.0522	104	80.0-120	
Selenium,Dissolved	0.0500	0.0482	96.4	80.0-120	
Uranium,Dissolved	0.0500	0.0441	88.1	80.0-120	
Vanadium,Dissolved	0.0500	0.0523	105	80.0-120	

Laboratory Control Sample (LCS)

(LCS) R3784892-2 04/25/22 17:48

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Nickel,Dissolved	0.0500	0.0531	106	80.0-120	

L1482988-13 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1482988-13 04/25/22 01:06 • (MS) R3784643-4 04/25/22 01:14 • (MSD) R3784643-5 04/25/22 01:19

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Arsenic,Dissolved	0.0500	0.0399	0.0896	0.0883	99.4	96.8	1	75.0-125			1.48	20
Barium,Dissolved	0.0500	0.0131	0.0637	0.0597	101	93.1	1	75.0-125			6.58	20
Cadmium,Dissolved	0.0500	U	0.0493	0.0484	98.7	96.7	1	75.0-125			1.95	20
Chromium,Dissolved	0.0500	U	0.0508	0.0495	102	99.0	1	75.0-125			2.57	20
Cobalt,Dissolved	0.0500	0.00467	0.0540	0.0536	98.6	97.9	1	75.0-125			0.625	20
Iron,Dissolved	5.00	0.391	5.33	5.25	98.7	97.2	1	75.0-125			1.44	20
Lead,Dissolved	0.0500	U	0.0500	0.0498	100	99.6	1	75.0-125			0.449	20
Manganese,Dissolved	0.0500	1.84	1.86	1.85	39.2	19.2	1	75.0-125	V	V	0.538	20
Selenium,Dissolved	0.0500	0.00407	0.0545	0.0515	101	94.8	1	75.0-125			5.64	20
Uranium,Dissolved	0.0500	0.00446	0.0508	0.0503	92.8	91.7	1	75.0-125			1.07	20
Vanadium,Dissolved	0.0500	0.00540	0.0562	0.0559	102	101	1	75.0-125			0.583	20

L1482988-13 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1482988-13 04/25/22 17:52 • (MS) R3784892-4 04/25/22 17:59 • (MSD) R3784892-5 04/25/22 18:02

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Nickel,Dissolved	0.0500	0.0156	0.0673	0.0683	103	105	1	75.0-125			1.36	20

Method Blank (MB)

(MB) R3784540-1 04/24/22 17:41

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Arsenic,Dissolved	U		0.000180	0.00200
Barium,Dissolved	U		0.000381	0.00200
Cadmium,Dissolved	U		0.000150	0.00100
Chromium,Dissolved	U		0.00124	0.00200
Cobalt,Dissolved	U		0.0000596	0.00200
Iron,Dissolved	U		0.0281	0.100
Lead,Dissolved	U		0.000849	0.00200
Manganese,Dissolved	U		0.000704	0.00500
Selenium,Dissolved	U		0.000300	0.00200
Uranium,Dissolved	U		0.0000789	0.00100
Vanadium,Dissolved	0.000936	J	0.000664	0.00500

Method Blank (MB)

(MB) R3784650-1 04/24/22 23:52

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Nickel,Dissolved	U		0.000816	0.00200

Laboratory Control Sample (LCS)

(LCS) R3784540-2 04/24/22 17:44

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Arsenic,Dissolved	0.0500	0.0506	101	80.0-120	
Barium,Dissolved	0.0500	0.0498	99.6	80.0-120	
Cadmium,Dissolved	0.0500	0.0526	105	80.0-120	
Chromium,Dissolved	0.0500	0.0542	108	80.0-120	
Cobalt,Dissolved	0.0500	0.0532	106	80.0-120	
Iron,Dissolved	5.00	5.33	107	80.0-120	
Lead,Dissolved	0.0500	0.0483	96.6	80.0-120	
Manganese,Dissolved	0.0500	0.0528	106	80.0-120	
Selenium,Dissolved	0.0500	0.0518	104	80.0-120	
Uranium,Dissolved	0.0500	0.0485	97.0	80.0-120	
Vanadium,Dissolved	0.0500	0.0545	109	80.0-120	

Laboratory Control Sample (LCS)

(LCS) R3784650-2 04/24/22 23:56

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Nickel,Dissolved	0.0500	0.0517	103	80.0-120	

L1482988-32 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1482988-32 04/24/22 17:47 • (MS) R3784540-3 04/24/22 17:54 • (MSD) R3784540-4 04/24/22 17:57

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Arsenic,Dissolved	0.0500	0.00189	0.0524	0.0510	101	98.3	1	75.0-125			2.66	20
Barium,Dissolved	0.0500	0.0610	0.111	0.114	101	105	1	75.0-125			2.08	20
Cadmium,Dissolved	0.0500	U	0.0532	0.0539	106	108	1	75.0-125			1.23	20
Chromium,Dissolved	0.0500	U	0.0530	0.0517	106	103	1	75.0-125			2.48	20
Cobalt,Dissolved	0.0500	0.000189	0.0511	0.0502	102	100	1	75.0-125			1.69	20
Iron,Dissolved	5.00	0.0948	5.18	5.13	102	101	1	75.0-125			1.13	20
Lead,Dissolved	0.0500	0.000872	0.0483	0.0507	94.8	99.7	1	75.0-125			4.96	20
Manganese,Dissolved	0.0500	0.594	0.653	0.633	117	78.1	1	75.0-125			3.04	20
Selenium,Dissolved	0.0500	U	0.0448	0.0457	89.6	91.4	1	75.0-125			1.93	20
Uranium,Dissolved	0.0500	0.000440	0.0504	0.0532	99.9	105	1	75.0-125			5.38	20
Vanadium,Dissolved	0.0500	0.00173	0.0543	0.0537	105	104	1	75.0-125			1.12	20

L1482988-32 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1482988-32 04/24/22 23:59 • (MS) R3784650-4 04/25/22 00:06 • (MSD) R3784650-5 04/25/22 00:10

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Nickel,Dissolved	0.0500	0.00340	0.0518	0.0542	96.8	102	1	75.0-125			4.63	20

Method Blank (MB)

(MB) R3784832-1 04/25/22 14:18

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Arsenic,Dissolved	U		0.000180	0.00200
Barium,Dissolved	U		0.000381	0.00200
Cadmium,Dissolved	U		0.000150	0.00100
Cobalt,Dissolved	U		0.0000596	0.00200
Iron,Dissolved	0.0323	J	0.0281	0.100
Lead,Dissolved	U		0.000849	0.00200
Manganese,Dissolved	U		0.000704	0.00500
Nickel,Dissolved	0.00113	J	0.000816	0.00200
Selenium,Dissolved	U		0.000300	0.00200
Uranium,Dissolved	U		0.0000789	0.00100
Vanadium,Dissolved	0.000861	J	0.000664	0.00500

Laboratory Control Sample (LCS)

(LCS) R3784832-2 04/25/22 14:21

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Arsenic,Dissolved	0.0500	0.0489	97.9	80.0-120	
Barium,Dissolved	0.0500	0.0493	98.7	80.0-120	
Cadmium,Dissolved	0.0500	0.0539	108	80.0-120	
Cobalt,Dissolved	0.0500	0.0515	103	80.0-120	
Iron,Dissolved	5.00	5.08	102	80.0-120	
Lead,Dissolved	0.0500	0.0504	101	80.0-120	
Manganese,Dissolved	0.0500	0.0511	102	80.0-120	
Nickel,Dissolved	0.0500	0.0537	107	80.0-120	
Selenium,Dissolved	0.0500	0.0491	98.1	80.0-120	
Uranium,Dissolved	0.0500	0.0499	99.8	80.0-120	
Vanadium,Dissolved	0.0500	0.0512	102	80.0-120	

L1482988-55 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1482988-55 04/25/22 14:25 • (MS) R3784832-4 04/25/22 14:31 • (MSD) R3784832-5 04/25/22 14:35

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Arsenic,Dissolved	0.0500	0.000223	0.0492	0.0487	97.9	97.0	1	75.0-125			0.886	20
Barium,Dissolved	0.0500	U	0.0521	0.0516	104	103	1	75.0-125			1.05	20
Cadmium,Dissolved	0.0500	U	0.0541	0.0536	108	107	1	75.0-125			0.833	20
Cobalt,Dissolved	0.0500	U	0.0513	0.0520	103	104	1	75.0-125			1.33	20
Iron,Dissolved	5.00	U	5.06	5.02	101	100	1	75.0-125			0.702	20

L1482988-55 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1482988-55 04/25/22 14:25 • (MS) R3784832-4 04/25/22 14:31 • (MSD) R3784832-5 04/25/22 14:35

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Lead,Dissolved	0.0500	U	0.0500	0.0529	100	106	1	75.0-125			5.69	20
Manganese,Dissolved	0.0500	U	0.0493	0.0495	98.5	99.0	1	75.0-125			0.471	20
Nickel,Dissolved	0.0500	U	0.0515	0.0524	103	105	1	75.0-125			1.87	20
Selenium,Dissolved	0.0500	U	0.0495	0.0499	99.0	99.8	1	75.0-125			0.757	20
Uranium,Dissolved	0.0500	U	0.0486	0.0502	97.3	100	1	75.0-125			3.21	20
Vanadium,Dissolved	0.0500	0.00131	0.0498	0.0511	97.0	99.6	1	75.0-125			2.53	20

Method Blank (MB)

(MB) R3784905-1 04/25/22 21:39

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Arsenic	U		0.000180	0.00200
Barium	U		0.000381	0.00200
Calcium	U		0.0936	1.00
Chromium	U		0.00124	0.00200
Iron	U		0.0281	0.100
Lead	U		0.000849	0.00200
Manganese	U		0.000704	0.00500
Potassium	U		0.108	2.00
Selenium	U		0.000300	0.00200
Sodium	U		0.376	2.00

Laboratory Control Sample (LCS)

(LCS) R3784905-2 04/25/22 21:42

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Arsenic	0.0500	0.0504	101	80.0-120	
Barium	0.0500	0.0519	104	80.0-120	
Calcium	5.00	5.29	106	80.0-120	
Chromium	0.0500	0.0526	105	80.0-120	
Iron	5.00	5.41	108	80.0-120	
Lead	0.0500	0.0534	107	80.0-120	
Manganese	0.0500	0.0512	102	80.0-120	
Potassium	5.00	5.04	101	80.0-120	
Selenium	0.0500	0.0518	104	80.0-120	
Sodium	5.00	5.03	101	80.0-120	

L1482987-07 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1482987-07 04/25/22 21:45 • (MS) R3784905-4 04/25/22 21:52 • (MSD) R3784905-5 04/25/22 21:55

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Arsenic	0.0500	U	0.0504	0.0503	101	101	1	75.0-125			0.322	20
Barium	0.0500		0.0512	0.0534	101	106	1	75.0-125			4.20	20
Calcium	5.00		5.16	5.39	103	108	1	75.0-125			4.36	20
Chromium	0.0500		0.0541	0.0527	108	105	1	75.0-125			2.63	20
Iron	5.00		5.32	5.48	106	110	1	75.0-125			2.97	20
Lead	0.0500		0.0501	0.0520	100	104	1	75.0-125			3.74	20
Manganese	0.0500		0.0506	0.0518	101	104	1	75.0-125			2.33	20

L1482987-07 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1482987-07 04/25/22 21:45 • (MS) R3784905-4 04/25/22 21:52 • (MSD) R3784905-5 04/25/22 21:55

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Potassium	5.00		5.28	5.09	106	102	1	75.0-125			3.57	20
Selenium	0.0500		0.0488	0.0525	97.7	105	1	75.0-125			7.32	20
Sodium	5.00		5.15	5.34	103	107	1	75.0-125			3.72	20

Method Blank (MB)

(MB) R3784546-1 04/24/22 21:15

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Arsenic	U		0.000180	0.00200
Barium	U		0.000381	0.00200
Cadmium	U		0.000150	0.00100
Calcium	U		0.0936	1.00
Chromium	U		0.00124	0.00200
Cobalt	U		0.0000596	0.00200
Iron	U		0.0281	0.100
Lead	U		0.000849	0.00200
Manganese	U		0.000704	0.00500
Potassium	U		0.108	2.00
Selenium	U		0.000300	0.00200
Sodium	U		0.376	2.00
Uranium	U		0.0000789	0.00100
Vanadium	0.00120	J	0.000664	0.00500

Method Blank (MB)

(MB) R3784864-1 04/25/22 16:42

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Nickel	U		0.000816	0.00200

Laboratory Control Sample (LCS)

(LCS) R3784546-2 04/24/22 21:18

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Arsenic	0.0500	0.0464	92.9	80.0-120	
Barium	0.0500	0.0463	92.6	80.0-120	
Cadmium	0.0500	0.0512	102	80.0-120	
Calcium	5.00	4.95	99.0	80.0-120	
Chromium	0.0500	0.0498	99.5	80.0-120	
Cobalt	0.0500	0.0490	98.1	80.0-120	
Iron	5.00	4.85	96.9	80.0-120	
Lead	0.0500	0.0478	95.7	80.0-120	
Manganese	0.0500	0.0481	96.3	80.0-120	
Potassium	5.00	4.91	98.2	80.0-120	
Selenium	0.0500	0.0479	95.8	80.0-120	
Sodium	5.00	4.74	94.9	80.0-120	

Laboratory Control Sample (LCS)

(LCS) R3784546-2 04/24/22 21:18

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Uranium	0.0500	0.0443	88.5	80.0-120	
Vanadium	0.0500	0.0497	99.3	80.0-120	

Laboratory Control Sample (LCS)

(LCS) R3784864-2 04/25/22 16:45

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Nickel	0.0500	0.0520	104	80.0-120	

L1482988-20 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1482988-20 04/24/22 21:22 • (MS) R3784546-4 04/24/22 21:28 • (MSD) R3784546-5 04/24/22 21:31

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Arsenic	0.0500	0.0149	0.0617	0.0630	93.5	96.1	1	75.0-125			2.07	20
Barium	0.0500	0.0162	0.0620	0.0641	91.8	95.9	1	75.0-125			3.28	20
Cadmium	0.0500	U	0.0487	0.0494	97.5	98.7	1	75.0-125			1.26	20
Calcium	5.00	335	341	338	121	68.1	1	75.0-125		V	0.778	20
Chromium	0.0500	0.00180	0.0482	0.0486	92.9	93.6	1	75.0-125			0.733	20
Cobalt	0.0500	0.00185	0.0495	0.0493	95.3	94.8	1	75.0-125			0.517	20
Iron	5.00	2.38	7.43	7.55	101	103	1	75.0-125			1.57	20
Lead	0.0500	U	0.0479	0.0502	95.9	100	1	75.0-125			4.51	20
Manganese	0.0500	0.428	0.467	0.473	77.6	89.5	1	75.0-125			1.26	20
Potassium	5.00	3.58	8.15	8.28	91.5	94.0	1	75.0-125			1.49	20
Selenium	0.0500	U	0.0493	0.0503	98.6	101	1	75.0-125			1.94	20
Sodium	5.00	1300	1300	1280	76.8	0.000	1	75.0-125	E	E V	1.97	20
Uranium	0.0500	0.000590	0.0457	0.0477	90.3	94.2	1	75.0-125			4.14	20
Vanadium	0.0500	0.00174	0.0511	0.0512	98.6	98.9	1	75.0-125			0.293	20

L1482988-20 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1482988-20 04/25/22 16:48 • (MS) R3784864-4 04/25/22 16:55 • (MSD) R3784864-5 04/25/22 16:59

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Nickel	0.0500	0.0136	0.0642	0.0635	101	99.8	1	75.0-125			1.05	20

Method Blank (MB)

(MB) R3783863-1 04/21/22 21:33

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Arsenic	U		0.000180	0.00200
Barium	U		0.000381	0.00200
Cadmium	U		0.000150	0.00100
Calcium	0.107	J	0.0936	1.00
Chromium	U		0.00124	0.00200
Cobalt	U		0.0000596	0.00200
Iron	U		0.0281	0.100
Lead	U		0.000849	0.00200
Manganese	U		0.000704	0.00500
Potassium	U		0.108	2.00
Selenium	U		0.000300	0.00200
Sodium	U		0.376	2.00
Uranium	U		0.0000789	0.00100
Vanadium	U		0.000664	0.00500

Method Blank (MB)

(MB) R3784649-6 04/25/22 00:26

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Nickel	U		0.000816	0.00200

Laboratory Control Sample (LCS)

(LCS) R3783863-2 04/21/22 21:36

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Arsenic	0.0500	0.0452	90.4	80.0-120	
Barium	0.0500	0.0430	86.0	80.0-120	
Cadmium	0.0500	0.0492	98.3	80.0-120	
Calcium	5.00	4.69	93.8	80.0-120	
Chromium	0.0500	0.0458	91.6	80.0-120	
Cobalt	0.0500	0.0465	93.0	80.0-120	
Iron	5.00	4.65	93.0	80.0-120	
Lead	0.0500	0.0466	93.1	80.0-120	
Manganese	0.0500	0.0471	94.3	80.0-120	
Potassium	5.00	4.57	91.3	80.0-120	
Selenium	0.0500	0.0460	92.1	80.0-120	
Sodium	5.00	4.43	88.6	80.0-120	

Laboratory Control Sample (LCS)

(LCS) R3783863-2 04/21/22 21:36

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Uranium	0.0500	0.0446	89.2	80.0-120	
Vanadium	0.0500	0.0477	95.3	80.0-120	

Laboratory Control Sample (LCS)

(LCS) R3784649-7 04/25/22 00:29

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Nickel	0.0500	0.0528	106	80.0-120	

L1482988-39 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1482988-39 04/21/22 21:39 • (MS) R3783863-4 04/21/22 21:46 • (MSD) R3783863-5 04/21/22 21:50

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Arsenic	0.0500	0.00495	0.0501	0.0492	90.3	88.5	1	75.0-125			1.78	20
Barium	0.0500	0.00958	0.0557	0.0565	92.2	93.8	1	75.0-125			1.44	20
Cadmium	0.0500	U	0.0474	0.0482	94.8	96.4	1	75.0-125			1.65	20
Calcium	5.00	513	523	514	198	28.5	1	75.0-125	V	V	1.63	20
Chromium	0.0500	U	0.0468	0.0455	93.7	91.0	1	75.0-125			2.89	20
Cobalt	0.0500	0.00106	0.0462	0.0454	90.3	88.6	1	75.0-125			1.89	20
Iron	5.00	U	4.55	4.51	91.1	90.2	1	75.0-125			0.934	20
Lead	0.0500	U	0.0473	0.0477	94.5	95.5	1	75.0-125			1.02	20
Manganese	0.0500	0.00169	0.0471	0.0463	90.9	89.2	1	75.0-125			1.85	20
Potassium	5.00	0.566	5.03	4.96	89.3	87.9	1	75.0-125			1.35	20
Selenium	0.0500	0.00953	0.0591	0.0566	99.1	94.0	1	75.0-125			4.37	20
Sodium	5.00	250	253	256	66.3	117	1	75.0-125	V		0.993	20
Uranium	0.0500	0.0412	0.0906	0.0907	98.8	99.0	1	75.0-125			0.0842	20
Vanadium	0.0500	0.0361	0.0818	0.0826	91.3	92.9	1	75.0-125			0.982	20

L1482988-39 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1482988-39 04/25/22 00:33 • (MS) R3784649-9 04/25/22 00:39 • (MSD) R3784649-10 04/25/22 00:43

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Nickel	0.0500	0.00250	0.0495	0.0487	94.0	92.3	1	75.0-125			1.73	20

Method Blank (MB)

(MB) R3783954-1 04/21/22 22:42

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Arsenic	U		0.000180	0.00200
Barium	U		0.000381	0.00200
Cadmium	U		0.000150	0.00100
Calcium	U		0.0936	1.00
Chromium	U		0.00124	0.00200
Cobalt	U		0.0000596	0.00200
Iron	U		0.0281	0.100
Lead	U		0.000849	0.00200
Manganese	U		0.000704	0.00500
Nickel	U		0.000816	0.00200
Potassium	U		0.108	2.00
Selenium	U		0.000300	0.00200
Sodium	1.63	J	0.376	2.00
Uranium	U		0.0000789	0.00100
Vanadium	U		0.000664	0.00500

Laboratory Control Sample (LCS)

(LCS) R3783954-2 04/21/22 22:45

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Arsenic	0.0500	0.0483	96.6	80.0-120	
Barium	0.0500	0.0498	99.6	80.0-120	
Cadmium	0.0500	0.0525	105	80.0-120	
Calcium	5.00	4.91	98.2	80.0-120	
Chromium	0.0500	0.0502	100	80.0-120	
Cobalt	0.0500	0.0503	101	80.0-120	
Iron	5.00	4.82	96.4	80.0-120	
Lead	0.0500	0.0478	95.6	80.0-120	
Manganese	0.0500	0.0486	97.3	80.0-120	
Nickel	0.0500	0.0511	102	80.0-120	
Potassium	5.00	4.90	98.0	80.0-120	
Selenium	0.0500	0.0493	98.5	80.0-120	
Sodium	5.00	4.89	97.8	80.0-120	
Uranium	0.0500	0.0489	97.8	80.0-120	
Vanadium	0.0500	0.0500	99.9	80.0-120	

L1482988-60 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1482988-60 04/21/22 22:48 • (MS) R3783954-4 04/21/22 22:55 • (MSD) R3783954-5 04/21/22 22:58

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Arsenic	0.0500	0.00488	0.0490	0.0528	88.2	95.8	1	75.0-125			7.44	20
Barium	0.0500	0.0505	0.0963	0.0983	91.6	95.7	1	75.0-125			2.09	20
Cadmium	0.0500	U	0.0510	0.0531	102	106	1	75.0-125			4.14	20
Calcium	5.00	144	149	147	89.6	60.5	1	75.0-125		V	0.983	20
Chromium	0.0500	U	0.0452	0.0483	90.4	96.6	1	75.0-125			6.64	20
Cobalt	0.0500	0.0000771	0.0447	0.0481	89.3	96.0	1	75.0-125			7.29	20
Iron	5.00	0.0693	4.54	4.86	89.4	95.9	1	75.0-125			6.86	20
Lead	0.0500	U	0.0481	0.0491	96.3	98.3	1	75.0-125			2.06	20
Manganese	0.0500	0.188	0.222	0.229	68.1	82.7	1	75.0-125	J6		3.24	20
Nickel	0.0500	0.00944	0.0541	0.0583	89.2	97.7	1	75.0-125			7.56	20
Potassium	5.00	1.76	6.25	6.38	89.8	92.5	1	75.0-125			2.15	20
Selenium	0.0500	U	0.0492	0.0485	98.3	97.0	1	75.0-125			1.37	20
Sodium	5.00	270	259	261	0.000	0.000	1	75.0-125	V	V	0.860	20
Uranium	0.0500	U	0.0498	0.0509	99.6	102	1	75.0-125			2.11	20
Vanadium	0.0500	0.000690	0.0469	0.0488	92.5	96.1	1	75.0-125			3.82	20

Method Blank (MB)

(MB) R3785101-1 04/26/22 11:28

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Chromium,Dissolved	U		0.00124	0.00200

Laboratory Control Sample (LCS)

(LCS) R3785101-2 04/26/22 11:31

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Chromium,Dissolved	0.0500	0.0488	97.7	80.0-120	

L1484402-07 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1484402-07 04/26/22 11:35 • (MS) R3785101-4 04/26/22 11:42 • (MSD) R3785101-5 04/26/22 11:45

Analyte	Spike Amount mg/l	Original Result	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Chromium,Dissolved	0.0500		0.0483	0.0471	96.5	94.2	1	75.0-125			2.46	20

Method Blank (MB)

(MB) R3782916-3 04/19/22 07:24

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
TPH (GC/FID) Low Fraction	0.0409	J	0.0314	0.100
(S) a,a,a-Trifluorotoluene(FID)	*97.9*			*78.0-120*

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

(LCS) R3782916-1 04/19/22 06:20 • (LCSD) R3782916-2 04/19/22 06:41

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
TPH (GC/FID) Low Fraction	5.50	5.36	5.94	97.5	108	72.0-127			10.3	20
(S) a,a,a-Trifluorotoluene(FID)				*102*	*104*	*78.0-120*				

Received by OCD: 6/14/2023 2:07:46 PM

Method Blank (MB)

(MB) R3783740-3 04/20/22 20:39

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
TPH (GC/FID) Low Fraction	U		0.0314	0.100
(S) a,a,a-Trifluorotoluene(FID)	*111*			*78.0-120*

Laboratory Control Sample (LCS)

(LCS) R3783740-2 04/20/22 17:47

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
TPH (GC/FID) Low Fraction	5.50	6.43	117	72.0-127	
(S) a,a,a-Trifluorotoluene(FID)			*101*	*78.0-120*	

L1482988-31 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1482988-31 04/21/22 03:17 • (MS) R3783740-4 04/21/22 04:43 • (MSD) R3783740-5 04/21/22 05:04

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
TPH (GC/FID) Low Fraction	5.50	3.31	8.15	8.08	88.0	86.7	1	10.0-160			0.863	22
(S) a,a,a-Trifluorotoluene(FID)					*85.8*	*84.2*		*78.0-120*				

Released to Imaging: 10/3/2023 9:38:32 AM

Method Blank (MB)

(MB) R3783603-2 04/19/22 19:00

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
TPH (GC/FID) Low Fraction	U		0.0314	0.100
(S) a,a,a-Trifluorotoluene(FID)	*112*			*78.0-120*

Laboratory Control Sample (LCS)

(LCS) R3783603-1 04/19/22 18:17

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
TPH (GC/FID) Low Fraction	5.50	5.57	101	72.0-127	
(S) a,a,a-Trifluorotoluene(FID)			*99.9*	*78.0-120*	

L1482988-32 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1482988-32 04/19/22 20:09 • (MS) R3783603-3 04/20/22 03:21 • (MSD) R3783603-4 04/20/22 03:42

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
TPH (GC/FID) Low Fraction	5.50	1.89	5.66	6.16	68.5	77.6	1	10.0-160			8.46	22
(S) a,a,a-Trifluorotoluene(FID)					*83.7*	*83.4*		*78.0-120*				

Method Blank (MB)

(MB) R3783184-2 04/19/22 20:20

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
TPH (GC/FID) Low Fraction	U		0.0314	0.100
(S) a,a,a-Trifluorotoluene(FID)	*99.3*			*78.0-120*

Laboratory Control Sample (LCS)

(LCS) R3783184-1 04/19/22 19:20

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
TPH (GC/FID) Low Fraction	5.50	6.02	109	72.0-127	
(S) a,a,a-Trifluorotoluene(FID)			*106*	*78.0-120*	

Method Blank (MB)

(MB) R3783575-3 04/21/22 03:55

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
TPH (GC/FID) Low Fraction	0.0787	J	0.0314	0.100
(S) a,a,a-Trifluorotoluene(FID)	*99.1*			*78.0-120*

Laboratory Control Sample (LCS)

(LCS) R3783575-2 04/21/22 02:59

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
TPH (GC/FID) Low Fraction	5.50	5.49	99.8	72.0-127	
(S) a,a,a-Trifluorotoluene(FID)			*105*	*78.0-120*	

Received by OCD: 6/14/2023 2:07:46 PM

Method Blank (MB)

(MB) R3783737-2 04/21/22 11:57

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
TPH (GC/FID) Low Fraction	U		0.0314	0.100
(S) a,a,a-Trifluorotoluene(FID)	*101*			*78.0-120*

Laboratory Control Sample (LCS)

(LCS) R3783737-1 04/21/22 10:41

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
TPH (GC/FID) Low Fraction	5.50	4.98	90.5	72.0-127	
(S) a,a,a-Trifluorotoluene(FID)			*104*	*78.0-120*	

Released to Imaging: 10/3/2023 9:38:32 AM

Received by OCD: 6/14/2023 2:07:46 PM

Method Blank (MB)

(MB) R3784007-3 04/21/22 17:51

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
TPH (GC/FID) Low Fraction	U		0.0314	0.100
(S) a,a,a-Trifluorotoluene(FID)	*97.7*			*78.0-120*

Laboratory Control Sample (LCS)

(LCS) R3784007-2 04/21/22 15:16

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
TPH (GC/FID) Low Fraction	5.50	5.93	108	72.0-127	
(S) a,a,a-Trifluorotoluene(FID)			*106*	*78.0-120*	

Released to Imaging: 10/3/2023 9:38:32 AM

Method Blank (MB)

(MB) R3782845-2 04/16/22 23:40

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Acetone	U		0.0113	0.0500
Benzene	U		0.0000941	0.00100
Bromodichloromethane	U		0.000136	0.00100
Bromoform	U		0.000129	0.00100
Bromomethane	U		0.000605	0.00500
n-Butylbenzene	U		0.000157	0.00100
sec-Butylbenzene	U		0.000125	0.00100
Carbon disulfide	U		0.0000962	0.00100
Carbon tetrachloride	U		0.000128	0.00100
Chlorobenzene	U		0.000116	0.00100
Chlorodibromomethane	U		0.000140	0.00100
Chloroethane	U		0.000192	0.00500
Chloroform	U		0.000111	0.00500
Chloromethane	U		0.000960	0.00250
1,2-Dibromoethane	U		0.000126	0.00100
1,1-Dichloroethane	U		0.000100	0.00100
1,2-Dichloroethane	U		0.0000819	0.00100
1,1-Dichloroethene	U		0.000188	0.00100
cis-1,2-Dichloroethene	U		0.000126	0.00100
trans-1,2-Dichloroethene	U		0.000149	0.00100
1,2-Dichloropropane	U		0.000149	0.00100
cis-1,3-Dichloropropene	U		0.000111	0.00100
trans-1,3-Dichloropropene	U		0.000118	0.00100
Ethylbenzene	U		0.000137	0.00100
Isopropylbenzene	U		0.000105	0.00100
p-Isopropyltoluene	U		0.000120	0.00100
2-Butanone (MEK)	U		0.00119	0.0100
2-Hexanone	U		0.000787	0.0100
Methylene Chloride	0.000448	J	0.000430	0.00500
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100
Methyl tert-butyl ether	U		0.000101	0.00100
Naphthalene	U		0.00100	0.00500
n-Propylbenzene	U		0.0000993	0.00100
Styrene	U		0.000118	0.00100
tert-Butyl alcohol	U		0.00406	0.00500
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100
Tetrachloroethene	U		0.000300	0.00100
Toluene	U		0.000278	0.00100
1,1,1-Trichloroethane	U		0.000149	0.00100

Method Blank (MB)

(MB) R3782845-2 04/16/22 23:40

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
1,1,2-Trichloroethane	U		0.000158	0.00100
Trichloroethene	U		0.000190	0.00100
1,2,4-Trimethylbenzene	U		0.000322	0.00100
1,3,5-Trimethylbenzene	U		0.000104	0.00100
Vinyl chloride	U		0.000234	0.00100
o-Xylene	U		0.000174	0.00100
m&p-Xylenes	U		0.000430	0.00200
Xylenes, Total	U		0.000174	0.00300
(S) Toluene-d8	*101*			*80.0-120*
(S) 4-Bromofluorobenzene	*109*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*108*			*70.0-130*

Laboratory Control Sample (LCS)

(LCS) R3782845-1 04/16/22 22:36

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Acetone	0.0250	0.0228	91.2	19.0-160	
Benzene	0.00500	0.00524	105	70.0-123	
Bromodichloromethane	0.00500	0.00541	108	75.0-120	
Bromoform	0.00500	0.00488	97.6	68.0-132	
Bromomethane	0.00500	0.00386	77.2	10.0-160	
n-Butylbenzene	0.00500	0.00370	74.0	73.0-125	
sec-Butylbenzene	0.00500	0.00423	84.6	75.0-125	
Carbon disulfide	0.00500	0.00514	103	61.0-128	
Carbon tetrachloride	0.00500	0.00575	115	68.0-126	
Chlorobenzene	0.00500	0.00480	96.0	80.0-121	
Chlorodibromomethane	0.00500	0.00516	103	77.0-125	
Chloroethane	0.00500	0.00506	101	47.0-150	
Chloroform	0.00500	0.00519	104	73.0-120	
Chloromethane	0.00500	0.00511	102	41.0-142	
1,2-Dibromoethane	0.00500	0.00553	111	80.0-122	
1,1-Dichloroethane	0.00500	0.00490	98.0	70.0-126	
1,2-Dichloroethane	0.00500	0.00508	102	70.0-128	
1,1-Dichloroethene	0.00500	0.00500	100	71.0-124	
cis-1,2-Dichloroethene	0.00500	0.00506	101	73.0-120	
trans-1,2-Dichloroethene	0.00500	0.00503	101	73.0-120	
1,2-Dichloropropane	0.00500	0.00476	95.2	77.0-125	
cis-1,3-Dichloropropene	0.00500	0.00519	104	80.0-123	

Laboratory Control Sample (LCS)

(LCS) R3782845-1 04/16/22 22:36

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
trans-1,3-Dichloropropene	0.00500	0.00439	87.8	78.0-124	
Ethylbenzene	0.00500	0.00447	89.4	79.0-123	
Isopropylbenzene	0.00500	0.00463	92.6	76.0-127	
p-Isopropyltoluene	0.00500	0.00433	86.6	76.0-125	
2-Butanone (MEK)	0.0250	0.0254	102	44.0-160	
2-Hexanone	0.0250	0.0221	88.4	67.0-149	
Methylene Chloride	0.00500	0.00499	99.8	67.0-120	
4-Methyl-2-pentanone (MIBK)	0.0250	0.0245	98.0	68.0-142	
Methyl tert-butyl ether	0.00500	0.00519	104	68.0-125	
Naphthalene	0.00500	0.00251	50.2	54.0-135	J4
n-Propylbenzene	0.00500	0.00408	81.6	77.0-124	
Styrene	0.00500	0.00454	90.8	73.0-130	
tert-Butyl alcohol	0.0250	0.0217	86.8	27.0-160	
1,1,1,2-Tetrachloroethane	0.00500	0.00510	102	75.0-125	
1,1,2,2-Tetrachloroethane	0.00500	0.00427	85.4	65.0-130	
Tetrachloroethene	0.00500	0.00497	99.4	72.0-132	
Toluene	0.00500	0.00499	99.8	79.0-120	
1,1,1-Trichloroethane	0.00500	0.00582	116	73.0-124	
1,1,2-Trichloroethane	0.00500	0.00487	97.4	80.0-120	
Trichloroethene	0.00500	0.00586	117	78.0-124	
1,2,4-Trimethylbenzene	0.00500	0.00426	85.2	76.0-121	
1,3,5-Trimethylbenzene	0.00500	0.00426	85.2	76.0-122	
Vinyl chloride	0.00500	0.00410	82.0	67.0-131	
o-Xylene	0.00500	0.00432	86.4	80.0-122	
m&p-Xylenes	0.0100	0.00899	89.9	80.0-122	
Xylenes, Total	0.0150	0.0133	88.7	79.0-123	
(S) Toluene-d8			*98.9*	*80.0-120*	
(S) 4-Bromofluorobenzene			*106*	*77.0-126*	
(S) 1,2-Dichloroethane-d4			*105*	*70.0-130*	

Method Blank (MB)

(MB) R3782575-2 04/18/22 04:49

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Acetone	U		0.0113	0.0500
Benzene	U		0.0000941	0.00100
Bromodichloromethane	U		0.000136	0.00100
Bromoform	U		0.000129	0.00100
Bromomethane	U		0.000605	0.00500
n-Butylbenzene	U		0.000157	0.00100
sec-Butylbenzene	U		0.000125	0.00100
Carbon disulfide	U		0.0000962	0.00100
Carbon tetrachloride	U		0.000128	0.00100
Chlorobenzene	U		0.000116	0.00100
Chlorodibromomethane	U		0.000140	0.00100
Chloroethane	U		0.000192	0.00500
Chloroform	U		0.000111	0.00500
Chloromethane	U		0.000960	0.00250
1,2-Dibromoethane	U		0.000126	0.00100
1,1-Dichloroethane	U		0.000100	0.00100
1,2-Dichloroethane	U		0.0000819	0.00100
1,1-Dichloroethene	U		0.000188	0.00100
cis-1,2-Dichloroethene	U		0.000126	0.00100
trans-1,2-Dichloroethene	U		0.000149	0.00100
1,2-Dichloropropane	U		0.000149	0.00100
cis-1,3-Dichloropropene	U		0.000111	0.00100
trans-1,3-Dichloropropene	U		0.000118	0.00100
Ethylbenzene	U		0.000137	0.00100
Isopropylbenzene	U		0.000105	0.00100
p-Isopropyltoluene	U		0.000120	0.00100
2-Butanone (MEK)	U		0.00119	0.0100
2-Hexanone	U		0.000787	0.0100
Methylene Chloride	U		0.000430	0.00500
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100
Methyl tert-butyl ether	U		0.000101	0.00100
Naphthalene	U		0.00100	0.00500
n-Propylbenzene	U		0.0000993	0.00100
Styrene	U		0.000118	0.00100
tert-Butyl alcohol	U		0.00406	0.00500
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100
Tetrachloroethene	U		0.000300	0.00100
Toluene	U		0.000278	0.00100
1,1,1-Trichloroethane	U		0.000149	0.00100

Method Blank (MB)

(MB) R3782575-2 04/18/22 04:49

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
1,1,2-Trichloroethane	U		0.000158	0.00100
Trichloroethene	U		0.000190	0.00100
1,2,4-Trimethylbenzene	U		0.000322	0.00100
1,3,5-Trimethylbenzene	U		0.000104	0.00100
Vinyl chloride	U		0.000234	0.00100
o-Xylene	U		0.000174	0.00100
m&p-Xylenes	U		0.000430	0.00200
Xylenes, Total	U		0.000174	0.00300
(S) Toluene-d8	*110*			*80.0-120*
(S) 4-Bromofluorobenzene	*95.1*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*81.2*			*70.0-130*

Laboratory Control Sample (LCS)

(LCS) R3782575-1 04/18/22 03:25

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Acetone	0.0250	0.0259	104	19.0-160	
Benzene	0.00500	0.00553	111	70.0-123	
Bromodichloromethane	0.00500	0.00435	87.0	75.0-120	
Bromoform	0.00500	0.00350	70.0	68.0-132	
Bromomethane	0.00500	0.00478	95.6	10.0-160	
n-Butylbenzene	0.00500	0.00417	83.4	73.0-125	
sec-Butylbenzene	0.00500	0.00514	103	75.0-125	
Carbon disulfide	0.00500	0.00572	114	61.0-128	
Carbon tetrachloride	0.00500	0.00541	108	68.0-126	
Chlorobenzene	0.00500	0.00538	108	80.0-121	
Chlorodibromomethane	0.00500	0.00454	90.8	77.0-125	
Chloroethane	0.00500	0.00541	108	47.0-150	
Chloroform	0.00500	0.00521	104	73.0-120	
Chloromethane	0.00500	0.00478	95.6	41.0-142	
1,2-Dibromoethane	0.00500	0.00492	98.4	80.0-122	
1,1-Dichloroethane	0.00500	0.00508	102	70.0-126	
1,2-Dichloroethane	0.00500	0.00466	93.2	70.0-128	
1,1-Dichloroethene	0.00500	0.00573	115	71.0-124	
cis-1,2-Dichloroethene	0.00500	0.00550	110	73.0-120	
trans-1,2-Dichloroethene	0.00500	0.00595	119	73.0-120	
1,2-Dichloropropane	0.00500	0.00572	114	77.0-125	
cis-1,3-Dichloropropene	0.00500	0.00455	91.0	80.0-123	

Laboratory Control Sample (LCS)

(LCS) R3782575-1 04/18/22 03:25

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
trans-1,3-Dichloropropene	0.00500	0.00445	89.0	78.0-124	
Ethylbenzene	0.00500	0.00510	102	79.0-123	
Isopropylbenzene	0.00500	0.00456	91.2	76.0-127	
p-Isopropyltoluene	0.00500	0.00463	92.6	76.0-125	
2-Butanone (MEK)	0.0250	0.0248	99.2	44.0-160	
2-Hexanone	0.0250	0.0251	100	67.0-149	
Methylene Chloride	0.00500	0.00570	114	67.0-120	
4-Methyl-2-pentanone (MIBK)	0.0250	0.0254	102	68.0-142	
Methyl tert-butyl ether	0.00500	0.00496	99.2	68.0-125	
Naphthalene	0.00500	0.00243	48.6	54.0-135	J4
n-Propylbenzene	0.00500	0.00555	111	77.0-124	
Styrene	0.00500	0.00402	80.4	73.0-130	
tert-Butyl alcohol	0.0250	0.0201	80.4	27.0-160	
1,1,1,2-Tetrachloroethane	0.00500	0.00482	96.4	75.0-125	
1,1,2,2-Tetrachloroethane	0.00500	0.00565	113	65.0-130	
Tetrachloroethene	0.00500	0.00556	111	72.0-132	
Toluene	0.00500	0.00555	111	79.0-120	
1,1,1-Trichloroethane	0.00500	0.00515	103	73.0-124	
1,1,2-Trichloroethane	0.00500	0.00519	104	80.0-120	
Trichloroethene	0.00500	0.00549	110	78.0-124	
1,2,4-Trimethylbenzene	0.00500	0.00489	97.8	76.0-121	
1,3,5-Trimethylbenzene	0.00500	0.00514	103	76.0-122	
Vinyl chloride	0.00500	0.00465	93.0	67.0-131	
o-Xylene	0.00500	0.00471	94.2	80.0-122	
m&p-Xylenes	0.0100	0.0102	102	80.0-122	
Xylenes, Total	0.0150	0.0149	99.3	79.0-123	
(S) Toluene-d8			*109*	*80.0-120*	
(S) 4-Bromofluorobenzene			*93.0*	*77.0-126*	
(S) 1,2-Dichloroethane-d4			*81.8*	*70.0-130*	

Method Blank (MB)

(MB) R3782527-3 04/18/22 09:52

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Acetone	U		0.0113	0.0500
Benzene	U		0.0000941	0.00100
Bromodichloromethane	U		0.000136	0.00100
Bromoform	U		0.000129	0.00100
Bromomethane	U		0.000605	0.00500
n-Butylbenzene	0.000428	J	0.000157	0.00100
sec-Butylbenzene	U		0.000125	0.00100
Carbon disulfide	U		0.0000962	0.00100
Carbon tetrachloride	U		0.000128	0.00100
Chlorobenzene	U		0.000116	0.00100
Chlorodibromomethane	U		0.000140	0.00100
Chloroethane	U		0.000192	0.00500
Chloroform	U		0.000111	0.00500
Chloromethane	U		0.000960	0.00250
1,2-Dibromoethane	U		0.000126	0.00100
1,1-Dichloroethane	U		0.000100	0.00100
1,2-Dichloroethane	U		0.0000819	0.00100
1,1-Dichloroethene	U		0.000188	0.00100
cis-1,2-Dichloroethene	U		0.000126	0.00100
trans-1,2-Dichloroethene	U		0.000149	0.00100
1,2-Dichloropropane	U		0.000149	0.00100
cis-1,3-Dichloropropene	U		0.000111	0.00100
trans-1,3-Dichloropropene	U		0.000118	0.00100
Ethylbenzene	U		0.000137	0.00100
Isopropylbenzene	U		0.000105	0.00100
p-Isopropyltoluene	0.000334	J	0.000120	0.00100
2-Butanone (MEK)	U		0.00119	0.0100
2-Hexanone	U		0.000787	0.0100
Methylene Chloride	U		0.000430	0.00500
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100
Methyl tert-butyl ether	U		0.000101	0.00100
Naphthalene	U		0.00100	0.00500
n-Propylbenzene	U		0.0000993	0.00100
Styrene	U		0.000118	0.00100
tert-Butyl alcohol	U		0.00406	0.00500
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100
Tetrachloroethene	U		0.000300	0.00100
Toluene	U		0.000278	0.00100
1,1,1-Trichloroethane	U		0.000149	0.00100

Method Blank (MB)

(MB) R3782527-3 04/18/22 09:52

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
1,1,2-Trichloroethane	U		0.000158	0.00100
Trichloroethene	U		0.000190	0.00100
1,2,4-Trimethylbenzene	U		0.000322	0.00100
1,3,5-Trimethylbenzene	0.000331	J	0.000104	0.00100
Vinyl chloride	U		0.000234	0.00100
o-Xylene	U		0.000174	0.00100
m&p-Xylenes	U		0.000430	0.00200
Xylenes, Total	U		0.000174	0.00300
(S) Toluene-d8	*103*			*80.0-120*
(S) 4-Bromofluorobenzene	*100*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*101*			*70.0-130*

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

(LCS) R3782527-1 04/18/22 08:50 • (LCSD) R3782527-2 04/18/22 09:10

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	0.0250	0.0311	0.0327	124	131	19.0-160			5.02	27
Benzene	0.00500	0.00543	0.00544	109	109	70.0-123			0.184	20
Bromodichloromethane	0.00500	0.00528	0.00547	106	109	75.0-120			3.53	20
Bromoform	0.00500	0.00386	0.00434	77.2	86.8	68.0-132			11.7	20
Bromomethane	0.00500	0.00561	0.00561	112	112	10.0-160			0.000	25
n-Butylbenzene	0.00500	0.00488	0.00477	97.6	95.4	73.0-125			2.28	20
sec-Butylbenzene	0.00500	0.00479	0.00466	95.8	93.2	75.0-125			2.75	20
Carbon disulfide	0.00500	0.00501	0.00497	100	99.4	61.0-128			0.802	20
Carbon tetrachloride	0.00500	0.00452	0.00466	90.4	93.2	68.0-126			3.05	20
Chlorobenzene	0.00500	0.00496	0.00509	99.2	102	80.0-121			2.59	20
Chlorodibromomethane	0.00500	0.00402	0.00425	80.4	85.0	77.0-125			5.56	20
Chloroethane	0.00500	0.00602	0.00631	120	126	47.0-150			4.70	20
Chloroform	0.00500	0.00540	0.00557	108	111	73.0-120			3.10	20
Chloromethane	0.00500	0.00587	0.00613	117	123	41.0-142			4.33	20
1,2-Dibromoethane	0.00500	0.00461	0.00485	92.2	97.0	80.0-122			5.07	20
1,1-Dichloroethane	0.00500	0.00542	0.00561	108	112	70.0-126			3.45	20
1,2-Dichloroethane	0.00500	0.00557	0.00575	111	115	70.0-128			3.18	20
1,1-Dichloroethene	0.00500	0.00470	0.00473	94.0	94.6	71.0-124			0.636	20
cis-1,2-Dichloroethene	0.00500	0.00506	0.00532	101	106	73.0-120			5.01	20
trans-1,2-Dichloroethene	0.00500	0.00539	0.00534	108	107	73.0-120			0.932	20
1,2-Dichloropropane	0.00500	0.00540	0.00561	108	112	77.0-125			3.81	20
cis-1,3-Dichloropropene	0.00500	0.00475	0.00490	95.0	98.0	80.0-123			3.11	20

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

(LCS) R3782527-1 04/18/22 08:50 • (LCSD) R3782527-2 04/18/22 09:10

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
trans-1,3-Dichloropropene	0.00500	0.00483	0.00501	96.6	100	78.0-124			3.66	20
Ethylbenzene	0.00500	0.00477	0.00514	95.4	103	79.0-123			7.47	20
Isopropylbenzene	0.00500	0.00428	0.00458	85.6	91.6	76.0-127			6.77	20
p-Isopropyltoluene	0.00500	0.00480	0.00471	96.0	94.2	76.0-125			1.89	20
2-Butanone (MEK)	0.0250	0.0302	0.0294	121	118	44.0-160			2.68	20
2-Hexanone	0.0250	0.0258	0.0267	103	107	67.0-149			3.43	20
Methylene Chloride	0.00500	0.00544	0.00548	109	110	67.0-120			0.733	20
4-Methyl-2-pentanone (MIBK)	0.0250	0.0287	0.0298	115	119	68.0-142			3.76	20
Methyl tert-butyl ether	0.00500	0.00521	0.00536	104	107	68.0-125			2.84	20
Naphthalene	0.00500	0.00377	0.00442	75.4	88.4	54.0-135			15.9	20
n-Propylbenzene	0.00500	0.00472	0.00456	94.4	91.2	77.0-124			3.45	20
Styrene	0.00500	0.00435	0.00477	87.0	95.4	73.0-130			9.21	20
tert-Butyl alcohol	0.0250	0.0278	0.0276	111	110	27.0-160			0.722	30
1,1,1,2-Tetrachloroethane	0.00500	0.00505	0.00509	101	102	75.0-125			0.789	20
1,1,2,2-Tetrachloroethane	0.00500	0.00548	0.00529	110	106	65.0-130			3.53	20
Tetrachloroethene	0.00500	0.00440	0.00485	88.0	97.0	72.0-132			9.73	20
Toluene	0.00500	0.00486	0.00521	97.2	104	79.0-120			6.95	20
1,1,1-Trichloroethane	0.00500	0.00495	0.00511	99.0	102	73.0-124			3.18	20
1,1,2-Trichloroethane	0.00500	0.00490	0.00501	98.0	100	80.0-120			2.22	20
Trichloroethene	0.00500	0.00435	0.00429	87.0	85.8	78.0-124			1.39	20
1,2,4-Trimethylbenzene	0.00500	0.00488	0.00511	97.6	102	76.0-121			4.60	20
1,3,5-Trimethylbenzene	0.00500	0.00507	0.00505	101	101	76.0-122			0.395	20
Vinyl chloride	0.00500	0.00548	0.00536	110	107	67.0-131			2.21	20
o-Xylene	0.00500	0.00473	0.00497	94.6	99.4	80.0-122			4.95	20
m&p-Xylenes	0.0100	0.00992	0.0103	99.2	103	80.0-122			3.76	20
Xylenes, Total	0.0150	0.0146	0.0153	97.3	102	79.0-123			4.68	20
(S) Toluene-d8				*98.8*	*107*	*80.0-120*				
(S) 4-Bromofluorobenzene				*98.2*	*103*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*105*	*105*	*70.0-130*				

Method Blank (MB)

(MB) R3782578-5 04/18/22 14:51

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Acetone	U		0.0113	0.0500
Benzene	U		0.0000941	0.00100
Bromodichloromethane	U		0.000136	0.00100
Bromoform	U		0.000129	0.00100
Bromomethane	U		0.000605	0.00500
n-Butylbenzene	U		0.000157	0.00100
sec-Butylbenzene	U		0.000125	0.00100
Carbon disulfide	U		0.0000962	0.00100
Carbon tetrachloride	U		0.000128	0.00100
Chlorobenzene	U		0.000116	0.00100
Chlorodibromomethane	U		0.000140	0.00100
Chloroethane	U		0.000192	0.00500
Chloroform	U		0.000111	0.00500
Chloromethane	U		0.000960	0.00250
1,2-Dibromoethane	U		0.000126	0.00100
1,1-Dichloroethane	U		0.000100	0.00100
1,2-Dichloroethane	U		0.0000819	0.00100
1,1-Dichloroethene	U		0.000188	0.00100
cis-1,2-Dichloroethene	U		0.000126	0.00100
trans-1,2-Dichloroethene	U		0.000149	0.00100
1,2-Dichloropropane	U		0.000149	0.00100
cis-1,3-Dichloropropene	U		0.000111	0.00100
trans-1,3-Dichloropropene	U		0.000118	0.00100
Ethylbenzene	U		0.000137	0.00100
Isopropylbenzene	U		0.000105	0.00100
p-Isopropyltoluene	U		0.000120	0.00100
2-Butanone (MEK)	U		0.00119	0.0100
2-Hexanone	U		0.000787	0.0100
Methylene Chloride	U		0.000430	0.00500
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100
Methyl tert-butyl ether	U		0.000101	0.00100
Naphthalene	U		0.00100	0.00500
n-Propylbenzene	U		0.0000993	0.00100
Styrene	U		0.000118	0.00100
tert-Butyl alcohol	U		0.00406	0.00500
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100
Tetrachloroethene	U		0.000300	0.00100
Toluene	U		0.000278	0.00100
1,1,1-Trichloroethane	U		0.000149	0.00100

Method Blank (MB)

(MB) R3782578-5 04/18/22 14:51

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
1,1,2-Trichloroethane	U		0.000158	0.00100
Trichloroethene	U		0.000190	0.00100
1,2,4-Trimethylbenzene	U		0.000322	0.00100
1,3,5-Trimethylbenzene	U		0.000104	0.00100
Vinyl chloride	U		0.000234	0.00100
o-Xylene	U		0.000174	0.00100
m&p-Xylenes	U		0.000430	0.00200
Xylenes, Total	U		0.000174	0.00300
(S) Toluene-d8	*108*			*80.0-120*
(S) 4-Bromofluorobenzene	*98.1*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*78.3*			*70.0-130*

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

(LCS) R3782578-1 04/18/22 13:07 • (LCSD) R3782578-2 04/18/22 13:27

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	0.0250	0.0214	0.0233	85.6	93.2	19.0-160			8.50	27
Benzene	0.00500	0.00520	0.00506	104	101	70.0-123			2.73	20
Bromodichloromethane	0.00500	0.00421	0.00415	84.2	83.0	75.0-120			1.44	20
Bromoform	0.00500	0.00347	0.00349	69.4	69.8	68.0-132			0.575	20
Bromomethane	0.00500	0.00420	0.00445	84.0	89.0	10.0-160			5.78	25
n-Butylbenzene	0.00500	0.00425	0.00421	85.0	84.2	73.0-125			0.946	20
sec-Butylbenzene	0.00500	0.00487	0.00493	97.4	98.6	75.0-125			1.22	20
Carbon disulfide	0.00500	0.00574	0.00561	115	112	61.0-128			2.29	20
Carbon tetrachloride	0.00500	0.00506	0.00488	101	97.6	68.0-126			3.62	20
Chlorobenzene	0.00500	0.00498	0.00490	99.6	98.0	80.0-121			1.62	20
Chlorodibromomethane	0.00500	0.00433	0.00433	86.6	86.6	77.0-125			0.000	20
Chloroethane	0.00500	0.00522	0.00494	104	98.8	47.0-150			5.51	20
Chloroform	0.00500	0.00498	0.00480	99.6	96.0	73.0-120			3.68	20
Chloromethane	0.00500	0.00473	0.00449	94.6	89.8	41.0-142			5.21	20
1,2-Dibromoethane	0.00500	0.00479	0.00459	95.8	91.8	80.0-122			4.26	20
1,1-Dichloroethane	0.00500	0.00489	0.00475	97.8	95.0	70.0-126			2.90	20
1,2-Dichloroethane	0.00500	0.00439	0.00439	87.8	87.8	70.0-128			0.000	20
1,1-Dichloroethene	0.00500	0.00562	0.00531	112	106	71.0-124			5.67	20
cis-1,2-Dichloroethene	0.00500	0.00515	0.00512	103	102	73.0-120			0.584	20
trans-1,2-Dichloroethene	0.00500	0.00558	0.00538	112	108	73.0-120			3.65	20
1,2-Dichloropropane	0.00500	0.00526	0.00530	105	106	77.0-125			0.758	20
cis-1,3-Dichloropropene	0.00500	0.00454	0.00437	90.8	87.4	80.0-123			3.82	20

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

(LCS) R3782578-1 04/18/22 13:07 • (LCSD) R3782578-2 04/18/22 13:27

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
trans-1,3-Dichloropropene	0.00500	0.00421	0.00402	84.2	80.4	78.0-124			4.62	20
Ethylbenzene	0.00500	0.00486	0.00470	97.2	94.0	79.0-123			3.35	20
Isopropylbenzene	0.00500	0.00463	0.00455	92.6	91.0	76.0-127			1.74	20
p-Isopropyltoluene	0.00500	0.00438	0.00458	87.6	91.6	76.0-125			4.46	20
2-Butanone (MEK)	0.0250	0.0231	0.0226	92.4	90.4	44.0-160			2.19	20
2-Hexanone	0.0250	0.0241	0.0237	96.4	94.8	67.0-149			1.67	20
Methylene Chloride	0.00500	0.00522	0.00500	104	100	67.0-120			4.31	20
4-Methyl-2-pentanone (MIBK)	0.0250	0.0235	0.0221	94.0	88.4	68.0-142			6.14	20
Methyl tert-butyl ether	0.00500	0.00489	0.00469	97.8	93.8	68.0-125			4.18	20
Naphthalene	0.00500	0.00292	0.00334	58.4	66.8	54.0-135			13.4	20
n-Propylbenzene	0.00500	0.00492	0.00483	98.4	96.6	77.0-124			1.85	20
Styrene	0.00500	0.00398	0.00390	79.6	78.0	73.0-130			2.03	20
tert-Butyl alcohol	0.0250	0.0181	0.0191	72.4	76.4	27.0-160			5.38	30
1,1,1,2-Tetrachloroethane	0.00500	0.00449	0.00439	89.8	87.8	75.0-125			2.25	20
1,1,2,2-Tetrachloroethane	0.00500	0.00498	0.00487	99.6	97.4	65.0-130			2.23	20
Tetrachloroethene	0.00500	0.00501	0.00481	100	96.2	72.0-132			4.07	20
Toluene	0.00500	0.00506	0.00488	101	97.6	79.0-120			3.62	20
1,1,1-Trichloroethane	0.00500	0.00477	0.00459	95.4	91.8	73.0-124			3.85	20
1,1,2-Trichloroethane	0.00500	0.00490	0.00493	98.0	98.6	80.0-120			0.610	20
Trichloroethene	0.00500	0.00504	0.00504	101	101	78.0-124			0.000	20
1,2,4-Trimethylbenzene	0.00500	0.00458	0.00454	91.6	90.8	76.0-121			0.877	20
1,3,5-Trimethylbenzene	0.00500	0.00483	0.00468	96.6	93.6	76.0-122			3.15	20
Vinyl chloride	0.00500	0.00444	0.00426	88.8	85.2	67.0-131			4.14	20
o-Xylene	0.00500	0.00464	0.00452	92.8	90.4	80.0-122			2.62	20
m&p-Xylenes	0.0100	0.00954	0.00966	95.4	96.6	80.0-122			1.25	20
Xylenes, Total	0.0150	0.0142	0.0142	94.7	94.7	79.0-123			0.000	20
(S) Toluene-d8				*110*	*105*	*80.0-120*				
(S) 4-Bromofluorobenzene				*97.5*	*95.8*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*81.8*	*79.8*	*70.0-130*				

Method Blank (MB)

(MB) R3783119-2 04/19/22 09:14

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Acetone	U		0.0113	0.0500
Benzene	U		0.0000941	0.00100
Bromodichloromethane	U		0.000136	0.00100
Bromoform	U		0.000129	0.00100
Bromomethane	U		0.000605	0.00500
n-Butylbenzene	0.000420	J	0.000157	0.00100
sec-Butylbenzene	U		0.000125	0.00100
Carbon disulfide	0.000365	J	0.0000962	0.00100
Carbon tetrachloride	U		0.000128	0.00100
Chlorobenzene	U		0.000116	0.00100
Chlorodibromomethane	U		0.000140	0.00100
Chloroethane	U		0.000192	0.00500
Chloroform	U		0.000111	0.00500
Chloromethane	U		0.000960	0.00250
1,2-Dibromoethane	U		0.000126	0.00100
1,1-Dichloroethane	U		0.000100	0.00100
1,2-Dichloroethane	U		0.0000819	0.00100
1,1-Dichloroethene	U		0.000188	0.00100
cis-1,2-Dichloroethene	U		0.000126	0.00100
trans-1,2-Dichloroethene	U		0.000149	0.00100
1,2-Dichloropropane	U		0.000149	0.00100
cis-1,3-Dichloropropene	U		0.000111	0.00100
trans-1,3-Dichloropropene	U		0.000118	0.00100
Ethylbenzene	U		0.000137	0.00100
Isopropylbenzene	U		0.000105	0.00100
p-Isopropyltoluene	U		0.000120	0.00100
2-Butanone (MEK)	U		0.00119	0.0100
2-Hexanone	U		0.000787	0.0100
Methylene Chloride	U		0.000430	0.00500
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100
Methyl tert-butyl ether	U		0.000101	0.00100
Naphthalene	U		0.00100	0.00500
n-Propylbenzene	U		0.0000993	0.00100
Styrene	U		0.000118	0.00100
tert-Butyl alcohol	U		0.00406	0.00500
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100
Tetrachloroethene	U		0.000300	0.00100
Toluene	U		0.000278	0.00100
1,1,1-Trichloroethane	U		0.000149	0.00100

Method Blank (MB)

(MB) R3783119-2 04/19/22 09:14

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
1,1,2-Trichloroethane	U		0.000158	0.00100
Trichloroethene	U		0.000190	0.00100
1,2,4-Trimethylbenzene	U		0.000322	0.00100
1,3,5-Trimethylbenzene	U		0.000104	0.00100
Vinyl chloride	U		0.000234	0.00100
o-Xylene	U		0.000174	0.00100
m&p-Xylenes	U		0.000430	0.00200
Xylenes, Total	U		0.000174	0.00300
(S) Toluene-d8	*109*			*80.0-120*
(S) 4-Bromofluorobenzene	*100*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*92.7*			*70.0-130*

Laboratory Control Sample (LCS)

(LCS) R3783119-1 04/19/22 08:33

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Acetone	0.0250	0.0283	113	19.0-160	
Benzene	0.00500	0.00527	105	70.0-123	
Bromodichloromethane	0.00500	0.00471	94.2	75.0-120	
Bromoform	0.00500	0.00390	78.0	68.0-132	
Bromomethane	0.00500	0.00490	98.0	10.0-160	
n-Butylbenzene	0.00500	0.00463	92.6	73.0-125	
sec-Butylbenzene	0.00500	0.00469	93.8	75.0-125	
Carbon disulfide	0.00500	0.00487	97.4	61.0-128	
Carbon tetrachloride	0.00500	0.00430	86.0	68.0-126	
Chlorobenzene	0.00500	0.00532	106	80.0-121	
Chlorodibromomethane	0.00500	0.00426	85.2	77.0-125	
Chloroethane	0.00500	0.00571	114	47.0-150	
Chloroform	0.00500	0.00515	103	73.0-120	
Chloromethane	0.00500	0.00628	126	41.0-142	
1,2-Dibromoethane	0.00500	0.00496	99.2	80.0-122	
1,1-Dichloroethane	0.00500	0.00532	106	70.0-126	
1,2-Dichloroethane	0.00500	0.00498	99.6	70.0-128	
1,1-Dichloroethene	0.00500	0.00477	95.4	71.0-124	
cis-1,2-Dichloroethene	0.00500	0.00523	105	73.0-120	
trans-1,2-Dichloroethene	0.00500	0.00536	107	73.0-120	
1,2-Dichloropropane	0.00500	0.00547	109	77.0-125	
cis-1,3-Dichloropropene	0.00500	0.00405	81.0	80.0-123	

Laboratory Control Sample (LCS)

(LCS) R3783119-1 04/19/22 08:33

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
trans-1,3-Dichloropropene	0.00500	0.00450	90.0	78.0-124	
Ethylbenzene	0.00500	0.00493	98.6	79.0-123	
Isopropylbenzene	0.00500	0.00444	88.8	76.0-127	
p-Isopropyltoluene	0.00500	0.00456	91.2	76.0-125	
2-Butanone (MEK)	0.0250	0.0290	116	44.0-160	
2-Hexanone	0.0250	0.0275	110	67.0-149	
Methylene Chloride	0.00500	0.00544	109	67.0-120	
4-Methyl-2-pentanone (MIBK)	0.0250	0.0304	122	68.0-142	
Methyl tert-butyl ether	0.00500	0.00487	97.4	68.0-125	
Naphthalene	0.00500	0.00389	77.8	54.0-135	
n-Propylbenzene	0.00500	0.00512	102	77.0-124	
Styrene	0.00500	0.00458	91.6	73.0-130	
tert-Butyl alcohol	0.0250	0.0227	90.8	27.0-160	
1,1,1,2-Tetrachloroethane	0.00500	0.00540	108	75.0-125	
1,1,2,2-Tetrachloroethane	0.00500	0.00556	111	65.0-130	
Tetrachloroethene	0.00500	0.00545	109	72.0-132	
Toluene	0.00500	0.00515	103	79.0-120	
1,1,1-Trichloroethane	0.00500	0.00453	90.6	73.0-124	
1,1,2-Trichloroethane	0.00500	0.00522	104	80.0-120	
Trichloroethene	0.00500	0.00442	88.4	78.0-124	
1,2,4-Trimethylbenzene	0.00500	0.00476	95.2	76.0-121	
1,3,5-Trimethylbenzene	0.00500	0.00514	103	76.0-122	
Vinyl chloride	0.00500	0.00498	99.6	67.0-131	
o-Xylene	0.00500	0.00525	105	80.0-122	
m&p-Xylenes	0.0100	0.0106	106	80.0-122	
Xylenes, Total	0.0150	0.0159	106	79.0-123	
(S) Toluene-d8			*108*	*80.0-120*	
(S) 4-Bromofluorobenzene			*101*	*77.0-126*	
(S) 1,2-Dichloroethane-d4			*93.9*	*70.0-130*	

Method Blank (MB)

(MB) R3783013-1 04/19/22 10:32

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Benzene	U		0.0000941	0.00100
Toluene	U		0.000278	0.00100
(S) Toluene-d8	*103*			*80.0-120*
(S) 4-Bromofluorobenzene	*100*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*101*			*70.0-130*

Laboratory Control Sample (LCS)

(LCS) R3783013-2 04/19/22 11:31

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Benzene	0.00500	0.00485	97.0	70.0-123	
Toluene	0.00500	0.00495	99.0	79.0-120	
(S) Toluene-d8			*100*	*80.0-120*	
(S) 4-Bromofluorobenzene			*100*	*77.0-126*	
(S) 1,2-Dichloroethane-d4			*97.3*	*70.0-130*	

Method Blank (MB)

(MB) R3783164-4 04/19/22 14:29

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Acetone	U		0.0113	0.0500
Benzene	U		0.0000941	0.00100
Bromodichloromethane	U		0.000136	0.00100
Bromoform	U		0.000129	0.00100
Bromomethane	U		0.000605	0.00500
n-Butylbenzene	U		0.000157	0.00100
sec-Butylbenzene	U		0.000125	0.00100
Carbon disulfide	U		0.0000962	0.00100
Carbon tetrachloride	U		0.000128	0.00100
Chlorobenzene	U		0.000116	0.00100
Chlorodibromomethane	U		0.000140	0.00100
Chloroethane	U		0.000192	0.00500
Chloroform	U		0.000111	0.00500
Chloromethane	U		0.000960	0.00250
1,2-Dibromoethane	U		0.000126	0.00100
1,1-Dichloroethane	U		0.000100	0.00100
1,2-Dichloroethane	U		0.0000819	0.00100
1,1-Dichloroethene	U		0.000188	0.00100
cis-1,2-Dichloroethene	U		0.000126	0.00100
trans-1,2-Dichloroethene	U		0.000149	0.00100
1,2-Dichloropropane	U		0.000149	0.00100
cis-1,3-Dichloropropene	U		0.000111	0.00100
trans-1,3-Dichloropropene	U		0.000118	0.00100
Ethylbenzene	U		0.000137	0.00100
Isopropylbenzene	U		0.000105	0.00100
p-Isopropyltoluene	0.000207	J	0.000120	0.00100
2-Butanone (MEK)	U		0.00119	0.0100
2-Hexanone	U		0.000787	0.0100
Methylene Chloride	U		0.000430	0.00500
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100
Methyl tert-butyl ether	U		0.000101	0.00100
Naphthalene	U		0.00100	0.00500
n-Propylbenzene	U		0.0000993	0.00100
Styrene	U		0.000118	0.00100
tert-Butyl alcohol	U		0.00406	0.00500
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100
Tetrachloroethene	U		0.000300	0.00100
Toluene	U		0.000278	0.00100
1,1,1-Trichloroethane	U		0.000149	0.00100

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Method Blank (MB)

(MB) R3783164-4 04/19/22 14:29

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
1,1,2-Trichloroethane	U		0.000158	0.00100
Trichloroethene	U		0.000190	0.00100
1,2,4-Trimethylbenzene	U		0.000322	0.00100
1,3,5-Trimethylbenzene	U		0.000104	0.00100
Vinyl chloride	U		0.000234	0.00100
o-Xylene	U		0.000174	0.00100
m&p-Xylenes	U		0.000430	0.00200
Xylenes, Total	U		0.000174	0.00300
(S) Toluene-d8	*110*			*80.0-120*
(S) 4-Bromofluorobenzene	*96.9*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*80.1*			*70.0-130*

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

(LCS) R3783164-1 04/19/22 12:03 • (LCSD) R3783164-2 04/19/22 12:24

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	0.0250	0.0226	0.0166	90.4	66.4	19.0-160		J3	30.6	27
Benzene	0.00500	0.00522	0.00508	104	102	70.0-123			2.72	20
Bromodichloromethane	0.00500	0.00410	0.00422	82.0	84.4	75.0-120			2.88	20
Bromoform	0.00500	0.00364	0.00338	72.8	67.6	68.0-132		J4	7.41	20
Bromomethane	0.00500	0.00450	0.00437	90.0	87.4	10.0-160			2.93	25
n-Butylbenzene	0.00500	0.00383	0.00417	76.6	83.4	73.0-125			8.50	20
sec-Butylbenzene	0.00500	0.00434	0.00492	86.8	98.4	75.0-125			12.5	20
Carbon disulfide	0.00500	0.00655	0.00567	131	113	61.0-128	J4		14.4	20
Carbon tetrachloride	0.00500	0.00480	0.00472	96.0	94.4	68.0-126			1.68	20
Chlorobenzene	0.00500	0.00489	0.00515	97.8	103	80.0-121			5.18	20
Chlorodibromomethane	0.00500	0.00432	0.00446	86.4	89.2	77.0-125			3.19	20
Chloroethane	0.00500	0.00507	0.00507	101	101	47.0-150			0.000	20
Chloroform	0.00500	0.00564	0.00510	113	102	73.0-120			10.1	20
Chloromethane	0.00500	0.00438	0.00461	87.6	92.2	41.0-142			5.12	20
1,2-Dibromoethane	0.00500	0.00483	0.00474	96.6	94.8	80.0-122			1.88	20
1,1-Dichloroethane	0.00500	0.00498	0.00492	99.6	98.4	70.0-126			1.21	20
1,2-Dichloroethane	0.00500	0.00441	0.00453	88.2	90.6	70.0-128			2.68	20
1,1-Dichloroethene	0.00500	0.00554	0.00537	111	107	71.0-124			3.12	20
cis-1,2-Dichloroethene	0.00500	0.00512	0.00508	102	102	73.0-120			0.784	20
trans-1,2-Dichloroethene	0.00500	0.00556	0.00542	111	108	73.0-120			2.55	20
1,2-Dichloropropane	0.00500	0.00521	0.00517	104	103	77.0-125			0.771	20
cis-1,3-Dichloropropene	0.00500	0.00460	0.00449	92.0	89.8	80.0-123			2.42	20

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

(LCS) R3783164-1 04/19/22 12:03 • (LCSD) R3783164-2 04/19/22 12:24

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
trans-1,3-Dichloropropene	0.00500	0.00411	0.00416	82.2	83.2	78.0-124			1.21	20
Ethylbenzene	0.00500	0.00480	0.00482	96.0	96.4	79.0-123			0.416	20
Isopropylbenzene	0.00500	0.00463	0.00457	92.6	91.4	76.0-127			1.30	20
p-Isopropyltoluene	0.00500	0.00409	0.00459	81.8	91.8	76.0-125			11.5	20
2-Butanone (MEK)	0.0250	0.0249	0.0220	99.6	88.0	44.0-160			12.4	20
2-Hexanone	0.0250	0.0250	0.0252	100	101	67.0-149			0.797	20
Methylene Chloride	0.00500	0.00543	0.00538	109	108	67.0-120			0.925	20
4-Methyl-2-pentanone (MIBK)	0.0250	0.0234	0.0236	93.6	94.4	68.0-142			0.851	20
Methyl tert-butyl ether	0.00500	0.00499	0.00487	99.8	97.4	68.0-125			2.43	20
Naphthalene	0.00500	0.00315	0.00309	63.0	61.8	54.0-135			1.92	20
n-Propylbenzene	0.00500	0.00435	0.00513	87.0	103	77.0-124			16.5	20
Styrene	0.00500	0.00400	0.00402	80.0	80.4	73.0-130			0.499	20
tert-Butyl alcohol	0.0250	0.0202	0.0168	80.8	67.2	27.0-160			18.4	30
1,1,1,2-Tetrachloroethane	0.00500	0.00431	0.00450	86.2	90.0	75.0-125			4.31	20
1,1,2,2-Tetrachloroethane	0.00500	0.00453	0.00542	90.6	108	65.0-130			17.9	20
Tetrachloroethene	0.00500	0.00486	0.00517	97.2	103	72.0-132			6.18	20
Toluene	0.00500	0.00494	0.00511	98.8	102	79.0-120			3.38	20
1,1,1-Trichloroethane	0.00500	0.00495	0.00470	99.0	94.0	73.0-124			5.18	20
1,1,2-Trichloroethane	0.00500	0.00485	0.00509	97.0	102	80.0-120			4.83	20
Trichloroethene	0.00500	0.00509	0.00496	102	99.2	78.0-124			2.59	20
1,2,4-Trimethylbenzene	0.00500	0.00423	0.00473	84.6	94.6	76.0-121			11.2	20
1,3,5-Trimethylbenzene	0.00500	0.00425	0.00506	85.0	101	76.0-122			17.4	20
Vinyl chloride	0.00500	0.00454	0.00410	90.8	82.0	67.0-131			10.2	20
o-Xylene	0.00500	0.00469	0.00456	93.8	91.2	80.0-122			2.81	20
m&p-Xylenes	0.0100	0.00986	0.00983	98.6	98.3	80.0-122			0.305	20
Xylenes, Total	0.0150	0.0146	0.0144	97.3	96.0	79.0-123			1.38	20
(S) Toluene-d8				*104*	*109*	*80.0-120*				
(S) 4-Bromofluorobenzene				*105*	*97.9*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*84.6*	*81.2*	*70.0-130*				

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Method Blank (MB)

(MB) R3783120-2 04/19/22 09:14

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Acetone	U		0.0113	0.0500
Benzene	U		0.0000941	0.00100
Bromodichloromethane	U		0.000136	0.00100
Bromoform	U		0.000129	0.00100
Bromomethane	U		0.000605	0.00500
n-Butylbenzene	0.000420	J	0.000157	0.00100
sec-Butylbenzene	U		0.000125	0.00100
Carbon disulfide	0.000365	J	0.0000962	0.00100
Carbon tetrachloride	U		0.000128	0.00100
Chlorobenzene	U		0.000116	0.00100
Chlorodibromomethane	U		0.000140	0.00100
Chloroethane	U		0.000192	0.00500
Chloroform	U		0.000111	0.00500
Chloromethane	U		0.000960	0.00250
1,2-Dibromoethane	U		0.000126	0.00100
1,1-Dichloroethane	U		0.000100	0.00100
1,2-Dichloroethane	U		0.0000819	0.00100
1,1-Dichloroethene	U		0.000188	0.00100
cis-1,2-Dichloroethene	U		0.000126	0.00100
trans-1,2-Dichloroethene	U		0.000149	0.00100
1,2-Dichloropropane	U		0.000149	0.00100
cis-1,3-Dichloropropene	U		0.000111	0.00100
trans-1,3-Dichloropropene	U		0.000118	0.00100
Ethylbenzene	U		0.000137	0.00100
Isopropylbenzene	U		0.000105	0.00100
p-Isopropyltoluene	U		0.000120	0.00100
2-Butanone (MEK)	U		0.00119	0.0100
2-Hexanone	U		0.000787	0.0100
Methylene Chloride	U		0.000430	0.00500
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100
Methyl tert-butyl ether	U		0.000101	0.00100
Naphthalene	U		0.00100	0.00500
n-Propylbenzene	U		0.0000993	0.00100
Styrene	U		0.000118	0.00100
tert-Butyl alcohol	U		0.00406	0.00500
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100
Tetrachloroethene	U		0.000300	0.00100
Toluene	U		0.000278	0.00100
1,1,1-Trichloroethane	U		0.000149	0.00100

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Method Blank (MB)

(MB) R3783120-2 04/19/22 09:14

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
1,1,2-Trichloroethane	U		0.000158	0.00100
Trichloroethene	U		0.000190	0.00100
1,2,4-Trimethylbenzene	U		0.000322	0.00100
1,3,5-Trimethylbenzene	U		0.000104	0.00100
Vinyl chloride	U		0.000234	0.00100
o-Xylene	U		0.000174	0.00100
m&p-Xylenes	U		0.000430	0.00200
Xylenes, Total	U		0.000174	0.00300
(S) Toluene-d8	*109*			*80.0-120*
(S) 4-Bromofluorobenzene	*100*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*92.7*			*70.0-130*

Laboratory Control Sample (LCS)

(LCS) R3783120-1 04/19/22 08:33

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Acetone	0.0250	0.0283	113	19.0-160	
Benzene	0.00500	0.00527	105	70.0-123	
Bromodichloromethane	0.00500	0.00471	94.2	75.0-120	
Bromoform	0.00500	0.00390	78.0	68.0-132	
Bromomethane	0.00500	0.00490	98.0	10.0-160	
n-Butylbenzene	0.00500	0.00463	92.6	73.0-125	
sec-Butylbenzene	0.00500	0.00469	93.8	75.0-125	
Carbon disulfide	0.00500	0.00487	97.4	61.0-128	
Carbon tetrachloride	0.00500	0.00430	86.0	68.0-126	
Chlorobenzene	0.00500	0.00532	106	80.0-121	
Chlorodibromomethane	0.00500	0.00426	85.2	77.0-125	
Chloroethane	0.00500	0.00571	114	47.0-150	
Chloroform	0.00500	0.00515	103	73.0-120	
Chloromethane	0.00500	0.00628	126	41.0-142	
1,2-Dibromoethane	0.00500	0.00496	99.2	80.0-122	
1,1-Dichloroethane	0.00500	0.00532	106	70.0-126	
1,2-Dichloroethane	0.00500	0.00498	99.6	70.0-128	
1,1-Dichloroethene	0.00500	0.00477	95.4	71.0-124	
cis-1,2-Dichloroethene	0.00500	0.00523	105	73.0-120	
trans-1,2-Dichloroethene	0.00500	0.00536	107	73.0-120	
1,2-Dichloropropane	0.00500	0.00547	109	77.0-125	
cis-1,3-Dichloropropene	0.00500	0.00405	81.0	80.0-123	

Laboratory Control Sample (LCS)

(LCS) R3783120-1 04/19/22 08:33

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
trans-1,3-Dichloropropene	0.00500	0.00450	90.0	78.0-124	
Ethylbenzene	0.00500	0.00493	98.6	79.0-123	
Isopropylbenzene	0.00500	0.00444	88.8	76.0-127	
p-Isopropyltoluene	0.00500	0.00456	91.2	76.0-125	
2-Butanone (MEK)	0.0250	0.0290	116	44.0-160	
2-Hexanone	0.0250	0.0275	110	67.0-149	
Methylene Chloride	0.00500	0.00544	109	67.0-120	
4-Methyl-2-pentanone (MIBK)	0.0250	0.0304	122	68.0-142	
Methyl tert-butyl ether	0.00500	0.00487	97.4	68.0-125	
Naphthalene	0.00500	0.00389	77.8	54.0-135	
n-Propylbenzene	0.00500	0.00512	102	77.0-124	
Styrene	0.00500	0.00458	91.6	73.0-130	
tert-Butyl alcohol	0.0250	0.0227	90.8	27.0-160	
1,1,1,2-Tetrachloroethane	0.00500	0.00540	108	75.0-125	
1,1,2,2-Tetrachloroethane	0.00500	0.00556	111	65.0-130	
Tetrachloroethene	0.00500	0.00545	109	72.0-132	
Toluene	0.00500	0.00515	103	79.0-120	
1,1,1-Trichloroethane	0.00500	0.00453	90.6	73.0-124	
1,1,2-Trichloroethane	0.00500	0.00522	104	80.0-120	
Trichloroethene	0.00500	0.00442	88.4	78.0-124	
1,2,4-Trimethylbenzene	0.00500	0.00476	95.2	76.0-121	
1,3,5-Trimethylbenzene	0.00500	0.00514	103	76.0-122	
Vinyl chloride	0.00500	0.00498	99.6	67.0-131	
o-Xylene	0.00500	0.00525	105	80.0-122	
m&p-Xylenes	0.0100	0.0106	106	80.0-122	
Xylenes, Total	0.0150	0.0159	106	79.0-123	
(S) Toluene-d8			*108*	*80.0-120*	
(S) 4-Bromofluorobenzene			*101*	*77.0-126*	
(S) 1,2-Dichloroethane-d4			*93.9*	*70.0-130*	

Method Blank (MB)

(MB) R3783063-3 04/19/22 23:19

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Acetone	U		0.0113	0.0500
Benzene	U		0.0000941	0.00100
Bromodichloromethane	U		0.000136	0.00100
Bromoform	U		0.000129	0.00100
Bromomethane	U		0.000605	0.00500
n-Butylbenzene	U		0.000157	0.00100
sec-Butylbenzene	U		0.000125	0.00100
Carbon disulfide	0.000358	J	0.0000962	0.00100
Carbon tetrachloride	U		0.000128	0.00100
Chlorobenzene	U		0.000116	0.00100
Chlorodibromomethane	U		0.000140	0.00100
Chloroethane	U		0.000192	0.00500
Chloroform	U		0.000111	0.00500
Chloromethane	U		0.000960	0.00250
1,2-Dibromoethane	U		0.000126	0.00100
1,1-Dichloroethane	U		0.000100	0.00100
1,2-Dichloroethane	U		0.0000819	0.00100
1,1-Dichloroethene	U		0.000188	0.00100
cis-1,2-Dichloroethene	U		0.000126	0.00100
trans-1,2-Dichloroethene	U		0.000149	0.00100
1,2-Dichloropropane	U		0.000149	0.00100
cis-1,3-Dichloropropene	U		0.000111	0.00100
trans-1,3-Dichloropropene	U		0.000118	0.00100
Ethylbenzene	U		0.000137	0.00100
Isopropylbenzene	U		0.000105	0.00100
p-Isopropyltoluene	U		0.000120	0.00100
2-Butanone (MEK)	U		0.00119	0.0100
2-Hexanone	U		0.000787	0.0100
Methylene Chloride	U		0.000430	0.00500
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100
Methyl tert-butyl ether	U		0.000101	0.00100
Naphthalene	U		0.00100	0.00500
n-Propylbenzene	U		0.0000993	0.00100
Styrene	U		0.000118	0.00100
tert-Butyl alcohol	U		0.00406	0.00500
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100
Tetrachloroethene	U		0.000300	0.00100
Toluene	U		0.000278	0.00100
1,1,1-Trichloroethane	U		0.000149	0.00100

Method Blank (MB)

(MB) R3783063-3 04/19/22 23:19

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
1,1,2-Trichloroethane	U		0.000158	0.00100
Trichloroethene	U		0.000190	0.00100
1,2,4-Trimethylbenzene	U		0.000322	0.00100
1,3,5-Trimethylbenzene	U		0.000104	0.00100
Vinyl chloride	U		0.000234	0.00100
o-Xylene	U		0.000174	0.00100
m&p-Xylenes	U		0.000430	0.00200
Xylenes, Total	U		0.000174	0.00300
(S) Toluene-d8	*109*			*80.0-120*
(S) 4-Bromofluorobenzene	*94.8*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*87.3*			*70.0-130*

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

(LCS) R3783063-1 04/19/22 22:18 • (LCSD) R3783063-2 04/19/22 22:39

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	0.0250	0.0241	0.0258	96.4	103	19.0-160			6.81	27
Benzene	0.00500	0.00482	0.00501	96.4	100	70.0-123			3.87	20
Bromodichloromethane	0.00500	0.00441	0.00477	88.2	95.4	75.0-120			7.84	20
Bromoform	0.00500	0.00407	0.00441	81.4	88.2	68.0-132			8.02	20
Bromomethane	0.00500	0.00428	0.00469	85.6	93.8	10.0-160			9.14	25
n-Butylbenzene	0.00500	0.00408	0.00404	81.6	80.8	73.0-125			0.985	20
sec-Butylbenzene	0.00500	0.00412	0.00409	82.4	81.8	75.0-125			0.731	20
Carbon disulfide	0.00500	0.00416	0.00433	83.2	86.6	61.0-128			4.00	20
Carbon tetrachloride	0.00500	0.00369	0.00374	73.8	74.8	68.0-126			1.35	20
Chlorobenzene	0.00500	0.00465	0.00523	93.0	105	80.0-121			11.7	20
Chlorodibromomethane	0.00500	0.00419	0.00427	83.8	85.4	77.0-125			1.89	20
Chloroethane	0.00500	0.00494	0.00509	98.8	102	47.0-150			2.99	20
Chloroform	0.00500	0.00447	0.00466	89.4	93.2	73.0-120			4.16	20
Chloromethane	0.00500	0.00539	0.00571	108	114	41.0-142			5.77	20
1,2-Dibromoethane	0.00500	0.00445	0.00520	89.0	104	80.0-122			15.5	20
1,1-Dichloroethane	0.00500	0.00486	0.00502	97.2	100	70.0-126			3.24	20
1,2-Dichloroethane	0.00500	0.00422	0.00446	84.4	89.2	70.0-128			5.53	20
1,1-Dichloroethene	0.00500	0.00427	0.00434	85.4	86.8	71.0-124			1.63	20
cis-1,2-Dichloroethene	0.00500	0.00470	0.00482	94.0	96.4	73.0-120			2.52	20
trans-1,2-Dichloroethene	0.00500	0.00468	0.00491	93.6	98.2	73.0-120			4.80	20
1,2-Dichloropropane	0.00500	0.00496	0.00497	99.2	99.4	77.0-125			0.201	20
cis-1,3-Dichloropropene	0.00500	0.00406	0.00413	81.2	82.6	80.0-123			1.71	20

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

(LCS) R3783063-1 04/19/22 22:18 • (LCSD) R3783063-2 04/19/22 22:39

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
trans-1,3-Dichloropropene	0.00500	0.00431	0.00477	86.2	95.4	78.0-124			10.1	20
Ethylbenzene	0.00500	0.00455	0.00481	91.0	96.2	79.0-123			5.56	20
Isopropylbenzene	0.00500	0.00412	0.00424	82.4	84.8	76.0-127			2.87	20
p-Isopropyltoluene	0.00500	0.00426	0.00424	85.2	84.8	76.0-125			0.471	20
2-Butanone (MEK)	0.0250	0.0258	0.0278	103	111	44.0-160			7.46	20
2-Hexanone	0.0250	0.0251	0.0257	100	103	67.0-149			2.36	20
Methylene Chloride	0.00500	0.00505	0.00527	101	105	67.0-120			4.26	20
4-Methyl-2-pentanone (MIBK)	0.0250	0.0277	0.0296	111	118	68.0-142			6.63	20
Methyl tert-butyl ether	0.00500	0.00431	0.00459	86.2	91.8	68.0-125			6.29	20
Naphthalene	0.00500	0.00330	0.00381	66.0	76.2	54.0-135			14.3	20
n-Propylbenzene	0.00500	0.00460	0.00461	92.0	92.2	77.0-124			0.217	20
Styrene	0.00500	0.00428	0.00460	85.6	92.0	73.0-130			7.21	20
tert-Butyl alcohol	0.0250	0.0206	0.0218	82.4	87.2	27.0-160			5.66	30
1,1,1,2-Tetrachloroethane	0.00500	0.00511	0.00499	102	99.8	75.0-125			2.38	20
1,1,2,2-Tetrachloroethane	0.00500	0.00558	0.00556	112	111	65.0-130			0.359	20
Tetrachloroethene	0.00500	0.00517	0.00528	103	106	72.0-132			2.11	20
Toluene	0.00500	0.00478	0.00500	95.6	100	79.0-120			4.50	20
1,1,1-Trichloroethane	0.00500	0.00394	0.00417	78.8	83.4	73.0-124			5.67	20
1,1,2-Trichloroethane	0.00500	0.00488	0.00506	97.6	101	80.0-120			3.62	20
Trichloroethene	0.00500	0.00399	0.00418	79.8	83.6	78.0-124			4.65	20
1,2,4-Trimethylbenzene	0.00500	0.00447	0.00446	89.4	89.2	76.0-121			0.224	20
1,3,5-Trimethylbenzene	0.00500	0.00485	0.00510	97.0	102	76.0-122			5.03	20
Vinyl chloride	0.00500	0.00418	0.00434	83.6	86.8	67.0-131			3.76	20
o-Xylene	0.00500	0.00481	0.00502	96.2	100	80.0-122			4.27	20
m&p-Xylenes	0.0100	0.00929	0.00983	92.9	98.3	80.0-122			5.65	20
Xylenes, Total	0.0150	0.0141	0.0148	94.0	98.7	79.0-123			4.84	20
(S) Toluene-d8				*108*	*111*	*80.0-120*				
(S) 4-Bromofluorobenzene				*94.9*	*95.9*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*87.6*	*87.1*	*70.0-130*				

Method Blank (MB)

(MB) R3782980-1 04/19/22 16:19

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Ethylene Dibromide	U		0.00000536	0.0000200

L1482987-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1482987-01 04/19/22 17:07 • (DUP) R3782980-3 04/19/22 16:55

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Ethylene Dibromide	U	U	1.06	0.000		20

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

(LCS) R3782980-4 04/19/22 19:05 • (LCSD) R3782980-5 04/19/22 21:38

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Ethylene Dibromide	0.000250	0.000315	0.000293	126	117	60.0-140			7.24	20

L1482987-03 Original Sample (OS) • Matrix Spike (MS)

(OS) L1482987-03 04/19/22 16:43 • (MS) R3782980-2 04/19/22 16:31

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Ethylene Dibromide	0.000100	U	0.000104	104	1	64.0-159	

Method Blank (MB)

(MB) R3783796-1 04/20/22 19:40

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Ethylene Dibromide	U		0.00000536	0.0000200

L1482988-55 Original Sample (OS) • Duplicate (DUP)

(OS) L1482988-55 04/20/22 20:27 • (DUP) R3783796-3 04/20/22 20:15

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Ethylene Dibromide	U	U	1	0.000		20

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

(LCS) R3783796-4 04/20/22 22:25 • (LCSD) R3783796-5 04/21/22 00:59

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Ethylene Dibromide	0.000250	0.000327	0.000316	131	126	60.0-140			3.42	20

L1482988-58 Original Sample (OS) • Matrix Spike (MS)

(OS) L1482988-58 04/20/22 20:03 • (MS) R3783796-2 04/20/22 19:51

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Ethylene Dibromide	0.0000984	U	0.000102	104	1	64.0-159	

Method Blank (MB)

(MB) R3785013-3 04/26/22 00:59

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
TPH (GC/FID) High Fraction	U		0.0247	0.100
(S) o-Terphenyl	*88.5*			*31.0-160*

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

(LCS) R3785013-1 04/26/22 00:12 • (LCSD) R3785013-2 04/26/22 00:39

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
TPH (GC/FID) High Fraction	1.50	1.32	1.37	88.0	91.3	50.0-150			3.72	20
(S) o-Terphenyl				*103*	*102*	*31.0-160*				

Method Blank (MB)

(MB) R3785409-1 04/26/22 23:39

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
TPH (GC/FID) High Fraction	U		0.0247	0.100
(S) o-Terphenyl	*87.0*			*31.0-160*

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

(LCS) R3785409-2 04/27/22 00:00 • (LCSD) R3785409-3 04/27/22 00:20

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
TPH (GC/FID) High Fraction	1.50	1.58	1.58	105	105	50.0-150			0.000	20
(S) o-Terphenyl				*117*	*117*	*31.0-160*				

Semi-Volatile Organic Compounds (GC) by Method 3511/8015 L1482988-30,31,32,33,34,38,39,40,41,42,43,44,45,46,47,49,50,51,52,53

Method Blank (MB)

(MB) R3785450-1 04/26/22 16:05

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
TPH (GC/FID) High Fraction	U		0.0247	0.100
(S) o-Terphenyl	*43.5*			*31.0-160*

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

(LCS) R3785450-2 04/26/22 16:31 • (LCSD) R3785450-3 04/26/22 16:57

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
TPH (GC/FID) High Fraction	1.50	1.53	1.59	102	106	50.0-150			3.85	20
(S) o-Terphenyl				*135*	*144*	*31.0-160*				

Method Blank (MB)

(MB) R3785324-1 04/26/22 13:50

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
TPH (GC/FID) High Fraction	U		0.0247	0.100
(S) o-Terphenyl	*110*			*31.0-160*

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

(LCS) R3785324-2 04/26/22 14:14 • (LCSD) R3785324-3 04/26/22 14:38

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
TPH (GC/FID) High Fraction	1.50	1.65	1.65	110	110	50.0-150			0.000	20
(S) o-Terphenyl				*144*	*141*	*31.0-160*				

Method Blank (MB)

(MB) R3782700-3 04/19/22 00:46

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
1,4-Dioxane	U		0.0000447	0.000400
(S) Nitrobenzene-d5	*75.6*			*10.0-120*

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

(LCS) R3782700-1 04/19/22 00:08 • (LCSD) R3782700-2 04/19/22 00:27

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
1,4-Dioxane	0.0500	0.0531	0.0529	106	106	73.0-146			0.377	20
(S) Nitrobenzene-d5				*88.9*	*79.5*	*10.0-120*				

Received by OCD: 6/14/2023 2:07:46 PM

Method Blank (MB)

(MB) R3783498-3 04/20/22 15:21

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
1,4-Dioxane	U		0.0000447	0.000400
(S) Nitrobenzene-d5	*78.6*			*10.0-120*

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

(LCS) R3783498-1 04/20/22 14:42 • (LCSD) R3783498-2 04/20/22 15:01

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
1,4-Dioxane	0.0500	0.0500	0.0502	100	100	73.0-146			0.399	20
(S) Nitrobenzene-d5				*80.2*	*59.5*	*10.0-120*				

Released to Imaging: 10/3/2023 9:38:32 AM

Method Blank (MB)

(MB) R3783031-2 04/20/22 09:27

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Acenaphthene	U		0.0000886	0.00100
Acenaphthylene	U		0.0000921	0.00100
Acetophenone	U		0.000208	0.0100
Anthracene	U		0.0000804	0.00100
Atrazine	U		0.000255	0.0100
Benzo(a)anthracene	U		0.000199	0.00100
Benzaldehyde	U		0.00169	0.0100
Benzo(b)fluoranthene	U		0.000130	0.00100
Benzo(k)fluoranthene	U		0.000120	0.00100
Benzo(g,h,i)perylene	U		0.000121	0.00100
Benzo(a)pyrene	U		0.0000381	0.000200
Biphenyl	U		0.000790	0.0100
Bis(2-chlorethoxy)methane	U		0.000116	0.0100
Bis(2-chloroethyl)ether	U		0.000137	0.0100
2,2-Oxybis(1-Chloropropane)	U		0.000210	0.0100
4-Bromophenyl-phenylether	U		0.0000877	0.0100
2-Chloronaphthalene	U		0.0000648	0.00100
4-Chlorophenyl-phenylether	U		0.0000926	0.0100
Caprolactam	U		0.000309	0.0100
Carbazole	U		0.000111	0.0100
Chrysene	U		0.000130	0.00100
Dibenz(a,h)anthracene	U		0.0000644	0.000200
Dibenzofuran	U		0.0000970	0.0100
3,3-Dichlorobenzidine	U		0.000212	0.0100
2,4-Dinitrotoluene	U		0.0000983	0.0100
2,6-Dinitrotoluene	U		0.000250	0.0100
Fluoranthene	U		0.000102	0.00100
Fluorene	U		0.0000844	0.00100
Hexachlorobenzene	U		0.0000755	0.00100
Hexachloro-1,3-butadiene	U		0.0000968	0.0100
Hexachlorocyclopentadiene	U		0.0000598	0.0100
Hexachloroethane	U		0.000127	0.0100
Indeno(1,2,3-cd)pyrene	U		0.000279	0.00100
Isophorone	U		0.000143	0.0100
1-Methylnaphthalene	U		0.0000790	0.00100
2-Methylnaphthalene	U		0.000117	0.00100
Naphthalene	U		0.000159	0.00100
Nitrobenzene	U		0.000297	0.0100
n-Nitrosodiphenylamine	U		0.00237	0.0100
n-Nitrosodi-n-propylamine	U		0.000261	0.0100

Method Blank (MB)

(MB) R3783031-2 04/20/22 09:27

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Phenanthrene	U		0.000112	0.00100
Benzylbutyl phthalate	U		0.000765	0.00300
Bis(2-ethylhexyl)phthalate	U		0.000895	0.00300
Di-n-butyl phthalate	U		0.000453	0.00300
Diethyl phthalate	U		0.000287	0.00300
Dimethyl phthalate	U		0.000260	0.00300
Di-n-octyl phthalate	U		0.000932	0.00300
Pyrene	U		0.000107	0.00100
1,2,4-Trichlorobenzene	U		0.0000698	0.0100
4-Chloro-3-methylphenol	U		0.000131	0.0100
2-Chlorophenol	U		0.000133	0.0100
2,4-Dichlorophenol	U		0.000102	0.0100
2,4-Dimethylphenol	U		0.0000636	0.0100
4,6-Dinitro-2-methylphenol	U		0.00112	0.0100
2,4-Dinitrophenol	U		0.00593	0.0100
2-Nitrophenol	U		0.000117	0.0100
2-Nitroaniline	U		0.000102	0.0100
2-Methylphenol	U		0.0000929	0.0100
3&4-Methyl Phenol	U		0.000168	0.0100
3-Nitroaniline	U		0.0000869	0.0100
4-Chloroaniline	U		0.000234	0.0100
4-Nitroaniline	U		0.0000910	0.0100
4-Nitrophenol	U		0.000143	0.0100
Pentachlorophenol	U		0.000313	0.0100
Phenol	U		0.00433	0.0100
2,4,5-Trichlorophenol	U		0.000109	0.0100
2,4,6-Trichlorophenol	U		0.000100	0.0100
(S) 2-Fluorophenol	*49.5*			*10.0-120*
(S) Phenol-d5	*29.9*			*10.0-120*
(S) Nitrobenzene-d5	*64.1*			*10.0-127*
(S) 2-Fluorobiphenyl	*77.7*			*10.0-130*
(S) 2,4,6-Tribromophenol	*82.0*			*10.0-155*
(S) p-Terphenyl-d14	*77.5*			*10.0-128*

Laboratory Control Sample (LCS)

(LCS) R3783031-1 04/20/22 09:05

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Acenaphthene	0.0500	0.0381	76.2	41.0-120	
Acenaphthylene	0.0500	0.0419	83.8	43.0-120	
Acetophenone	0.0500	0.0399	79.8	29.0-120	
Anthracene	0.0500	0.0393	78.6	45.0-120	
Atrazine	0.0500	0.0439	87.8	39.0-141	
Benzo(a)anthracene	0.0500	0.0406	81.2	47.0-120	
Benzaldehyde	0.0500	0.101	202	10.0-160	J4
Benzo(b)fluoranthene	0.0500	0.0404	80.8	46.0-120	
Benzo(k)fluoranthene	0.0500	0.0412	82.4	46.0-120	
Benzo(g,h,i)perylene	0.0500	0.0403	80.6	48.0-121	
Benzo(a)pyrene	0.0500	0.0437	87.4	47.0-120	
Biphenyl	0.0500	0.0377	75.4	38.0-120	
Bis(2-chlorethoxy)methane	0.0500	0.0369	73.8	33.0-120	
Bis(2-chloroethyl)ether	0.0500	0.0363	72.6	23.0-120	
2,2-Oxybis(1-Chloropropane)	0.0500	0.0354	70.8	28.0-120	
4-Bromophenyl-phenylether	0.0500	0.0409	81.8	45.0-120	
2-Chloronaphthalene	0.0500	0.0370	74.0	37.0-120	
4-Chlorophenyl-phenylether	0.0500	0.0400	80.0	44.0-120	
Caprolactam	0.0500	0.0152	30.4	10.0-120	
Carbazole	0.0500	0.0394	78.8	51.0-122	
Chrysene	0.0500	0.0379	75.8	48.0-120	
Dibenz(a,h)anthracene	0.0500	0.0405	81.0	47.0-120	
Dibenzofuran	0.0500	0.0403	80.6	44.0-120	
3,3-Dichlorobenzidine	0.100	0.0909	90.9	44.0-120	
2,4-Dinitrotoluene	0.0500	0.0464	92.8	49.0-124	
2,6-Dinitrotoluene	0.0500	0.0419	83.8	46.0-120	
Fluoranthene	0.0500	0.0412	82.4	51.0-120	
Fluorene	0.0500	0.0392	78.4	47.0-120	
Hexachlorobenzene	0.0500	0.0402	80.4	44.0-120	
Hexachloro-1,3-butadiene	0.0500	0.0309	61.8	19.0-120	
Hexachlorocyclopentadiene	0.0500	0.0159	31.8	15.0-120	
Hexachloroethane	0.0500	0.0340	68.0	15.0-120	
Indeno(1,2,3-cd)pyrene	0.0500	0.0401	80.2	49.0-122	
Isophorone	0.0500	0.0344	68.8	36.0-120	
1-Methylnaphthalene	0.0500	0.0361	72.2	33.0-120	
2-Methylnaphthalene	0.0500	0.0347	69.4	33.0-120	
Naphthalene	0.0500	0.0335	67.0	27.0-120	
Nitrobenzene	0.0500	0.0321	64.2	27.0-120	
n-Nitrosodiphenylamine	0.0500	0.0382	76.4	47.0-120	
n-Nitrosodi-n-propylamine	0.0500	0.0376	75.2	31.0-120	

Laboratory Control Sample (LCS)

(LCS) R3783031-1 04/20/22 09:05

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Phenanthrene	0.0500	0.0375	75.0	46.0-120	
Benzylbutyl phthalate	0.0500	0.0409	81.8	43.0-121	
Bis(2-ethylhexyl)phthalate	0.0500	0.0420	84.0	43.0-122	
Di-n-butyl phthalate	0.0500	0.0424	84.8	49.0-121	
Diethyl phthalate	0.0500	0.0409	81.8	48.0-122	
Dimethyl phthalate	0.0500	0.0402	80.4	48.0-120	
Di-n-octyl phthalate	0.0500	0.0391	78.2	42.0-125	
Pyrene	0.0500	0.0396	79.2	47.0-120	
1,2,4-Trichlorobenzene	0.0500	0.0327	65.4	24.0-120	
4-Chloro-3-methylphenol	0.0500	0.0360	72.0	40.0-120	
2-Chlorophenol	0.0500	0.0351	70.2	25.0-120	
2,4-Dichlorophenol	0.0500	0.0345	69.0	36.0-120	
2,4-Dimethylphenol	0.0500	0.0323	64.6	33.0-120	
4,6-Dinitro-2-methylphenol	0.0500	0.0462	92.4	38.0-138	
2,4-Dinitrophenol	0.0500	0.0403	80.6	10.0-120	
2-Nitrophenol	0.0500	0.0381	76.2	31.0-120	
2-Nitroaniline	0.0500	0.0435	87.0	43.0-120	
2-Methylphenol	0.0500	0.0329	65.8	28.0-120	
3&4-Methyl Phenol	0.0500	0.0340	68.0	31.0-120	
3-Nitroaniline	0.0500	0.0438	87.6	38.0-120	
4-Chloroaniline	0.0500	0.0327	65.4	25.0-120	
4-Nitroaniline	0.0500	0.0439	87.8	18.0-160	
4-Nitrophenol	0.0500	0.0173	34.6	10.0-120	
Pentachlorophenol	0.0500	0.0355	71.0	23.0-120	
Phenol	0.0500	0.0160	32.0	10.0-120	
2,4,5-Trichlorophenol	0.0500	0.0402	80.4	44.0-120	
2,4,6-Trichlorophenol	0.0500	0.0394	78.8	42.0-120	
(S) 2-Fluorophenol			*47.2*	*10.0-120*	
(S) Phenol-d5			*32.0*	*10.0-120*	
(S) Nitrobenzene-d5			*59.0*	*10.0-127*	
(S) 2-Fluorobiphenyl			*78.0*	*10.0-130*	
(S) 2,4,6-Tribromophenol			*91.5*	*10.0-155*	
(S) p-Terphenyl-d14			*72.6*	*10.0-128*	

L1482950-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1482950-01 04/20/22 18:31 • (MS) R3783031-3 04/20/22 19:04 • (MSD) R3783031-4 04/20/22 19:26

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Acenaphthene	0.0500	U	0.0258	0.0294	51.6	58.8	20	28.0-120			13.0	25
Acenaphthylene	0.0500	U	0.0262	0.0305	52.4	61.0	20	31.0-121			15.2	25
Acetophenone	0.0500	U	0.0237	0.0268	47.4	53.6	20	20.0-120			12.3	35
Anthracene	0.0500	U	0.0282	0.0304	56.4	60.8	20	36.0-120			7.51	23
Atrazine	0.0500	U	0.0304	0.0311	60.8	62.2	20	39.0-130			2.28	23
Benzo(a)anthracene	0.0500	U	0.0291	0.0302	58.2	60.4	20	39.0-120			3.71	23
Benzaldehyde	0.0500	U	0.0597	0.0664	119	133	20	10.0-160			10.6	40
Benzo(b)fluoranthene	0.0500	U	0.0279	0.0288	55.8	57.6	20	37.0-120			3.17	23
Benzo(k)fluoranthene	0.0500	U	0.0304	0.0303	60.8	60.6	20	37.0-120			0.329	26
Benzo(g,h,i)perylene	0.0500	U	0.0280	0.0296	56.0	59.2	20	37.0-123			5.56	25
Benzo(a)pyrene	0.0500	U	0.0303	0.0326	60.6	65.2	20	37.0-120			7.31	24
Biphenyl	0.0500	U	0.0236	0.0281	47.2	56.2	20	29.0-120			17.4	33
Bis(2-chlorethoxy)methane	0.0500	U	0.0234	0.0277	46.8	55.4	20	17.0-120			16.8	31
Bis(2-chloroethyl)ether	0.0500	U	0.0201	0.0267	40.2	53.4	20	14.0-120			28.2	33
2,2-Oxybis(1-Chloropropane)	0.0500	U	0.0214	0.0245	42.8	49.0	20	18.0-120			13.5	34
4-Bromophenyl-phenylether	0.0500	U	0.0282	0.0331	56.4	66.2	20	37.0-120			16.0	24
2-Chloronaphthalene	0.0500	U	0.0228	0.0276	45.6	55.2	20	29.0-120			19.0	28
4-Chlorophenyl-phenylether	0.0500	U	0.0275	0.0305	55.0	61.0	20	36.0-120			10.3	23
Caprolactam	0.0500	U	0.0118	0.0122	23.6	24.4	20	10.0-120			3.33	40
Carbazole	0.0500	U	0.0284	0.0300	56.8	60.0	20	38.0-127			5.48	21
Chrysene	0.0500	U	0.0288	0.0299	57.6	59.8	20	38.0-120			3.75	23
Dibenz(a,h)anthracene	0.0500	U	0.0251	0.0262	50.2	52.4	20	36.0-121			4.29	24
Dibenzofuran	0.0500	U	0.0280	0.0318	56.0	63.6	20	32.0-120			12.7	26
3,3-Dichlorobenzidine	0.100	U	0.0397	0.0444	39.7	44.4	20	10.0-134			11.2	30
2,4-Dinitrotoluene	0.0500	U	0.0255	0.0286	51.0	57.2	20	39.0-125			11.5	25
2,6-Dinitrotoluene	0.0500	U	0.0240	0.0256	48.0	51.2	20	36.0-120			6.45	27
Fluoranthene	0.0500	U	0.0307	0.0322	61.4	64.4	20	41.0-121			4.77	22
Fluorene	0.0500	U	0.0263	0.0297	52.6	59.4	20	37.0-120			12.1	24
Hexachlorobenzene	0.0500	U	0.0267	0.0316	53.4	63.2	20	35.0-122			16.8	24
Hexachloro-1,3-butadiene	0.0500	U	0.0192	0.0233	38.4	46.6	20	12.0-120			19.3	34
Hexachlorocyclopentadiene	0.0500	U	0.00463	0.00475	9.26	9.50	20	10.0-120	J6	J6	2.56	33
Hexachloroethane	0.0500	U	0.0180	0.0207	36.0	41.4	20	10.0-120			14.0	40
Indeno(1,2,3-cd)pyrene	0.0500	U	0.0247	0.0268	49.4	53.6	20	38.0-125			8.16	24
Isophorone	0.0500	U	0.0212	0.0260	42.4	52.0	20	21.0-120			20.3	27
1-Methylnaphthalene	0.0500	U	0.0245	0.0281	49.0	56.2	20	11.0-120			13.7	27
2-Methylnaphthalene	0.0500	U	0.0249	0.0273	49.8	54.6	20	17.0-120			9.20	28
Naphthalene	0.0500	U	0.0226	0.0264	45.2	52.8	20	10.0-120			15.5	31
Nitrobenzene	0.0500	U	0.0196	0.0218	39.2	43.6	20	12.0-120			10.6	30
n-Nitrosodiphenylamine	0.0500	U	U	U	0.000	0.000	20	37.0-120	J6	J6	0.000	24
n-Nitrosodi-n-propylamine	0.0500	U	0.0239	0.0292	47.8	58.4	20	16.0-120			20.0	30

L1482950-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1482950-01 04/20/22 18:31 • (MS) R3783031-3 04/20/22 19:04 • (MSD) R3783031-4 04/20/22 19:26

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Phenanthrene	0.0500	U	0.0286	0.0305	57.2	61.0	20	33.0-120			6.43	22
Benzylbutyl phthalate	0.0500	U	0.0307	0.0314	61.4	62.8	20	34.0-126			2.25	24
Bis(2-ethylhexyl)phthalate	0.0500	U	0.0503	0.0335	101	67.0	20	33.0-126		J3	40.1	25
Di-n-butyl phthalate	0.0500	U	0.0329	0.0348	65.8	69.6	20	35.0-128			5.61	23
Diethyl phthalate	0.0500	U	0.0300	0.0331	60.0	66.2	20	39.0-125			9.83	24
Dimethyl phthalate	0.0500	U	0.0269	0.0294	53.8	58.8	20	37.0-120			8.88	24
Di-n-octyl phthalate	0.0500	U	0.0398	0.0421	79.6	84.2	20	25.0-135			5.62	26
Pyrene	0.0500	U	0.0312	0.0318	62.4	63.6	20	39.0-120			1.90	22
1,2,4-Trichlorobenzene	0.0500	U	0.0202	0.0242	40.4	48.4	20	15.0-120			18.0	31
4-Chloro-3-methylphenol	0.0500	U	0.0173	0.0234	34.6	46.8	20	26.0-120		J3	30.0	27
2-Chlorophenol	0.0500	U	0.00874	0.0143	17.5	28.6	20	18.0-120	J6	J3	48.3	34
2,4-Dichlorophenol	0.0500	U	0.0126	0.0200	25.2	40.0	20	19.0-120		J3	45.4	27
2,4-Dimethylphenol	0.0500	U	0.0153	0.0201	30.6	40.2	20	15.0-120			27.1	28
4,6-Dinitro-2-methylphenol	0.0500	U	0.0919	0.0956	184	191	20	10.0-144	J5	J5	3.95	39
2,4-Dinitrophenol	0.0500	U	U	U	0.000	0.000	20	10.0-120	J6	J6	0.000	40
2-Nitrophenol	0.0500	U	0.0118	0.0197	23.6	39.4	20	20.0-120		J3	50.2	30
2-Nitroaniline	0.0500	U	0.0257	0.0296	51.4	59.2	20	33.0-120			14.1	27
2-Methylphenol	0.0500	U	0.0140	0.0176	28.0	35.2	20	10.0-120			22.8	30
3&4-Methyl Phenol	0.0500	0.0663	0.0405	0.0561	0.000	0.000	20	10.0-120	J6	J6	32.3	36
3-Nitroaniline	0.0500	U	0.0244	0.0257	48.8	51.4	20	20.0-120			5.19	27
4-Chloroaniline	0.0500	U	0.0197	0.0246	39.4	49.2	20	10.0-120			22.1	31
4-Nitroaniline	0.0500	U	0.0215	0.0233	43.0	46.6	20	10.0-160			8.04	26
4-Nitrophenol	0.0500	U	0.00716	0.00907	14.3	18.1	20	10.0-120			23.5	40
Pentachlorophenol	0.0500	U	0.0170	0.0221	34.0	44.2	20	10.0-128			26.1	37
Phenol	0.0500	U	U	U	0.000	0.000	20	10.0-120	J6	J6	0.000	40
2,4,5-Trichlorophenol	0.0500	U	0.0132	0.0225	26.4	45.0	20	33.0-120	J6	J3	52.1	31
2,4,6-Trichlorophenol	0.0500	U	0.0144	0.0214	28.8	42.8	20	26.0-120		J3	39.1	31
(S) 2-Fluorophenol					*8.30*	*13.6*		*10.0-120*	J7	J7		
(S) Phenol-d5					*7.40*	*11.2*		*10.0-120*	J7	J7		
(S) Nitrobenzene-d5					*33.3*	*42.7*		*10.0-127*	J7	J7		
(S) 2-Fluorobiphenyl					*46.4*	*57.1*		*10.0-130*	J7	J7		
(S) 2,4,6-Tribromophenol					*31.6*	*40.2*		*10.0-155*	J7	J7		
(S) p-Terphenyl-d14					*54.8*	*56.5*		*10.0-128*	J7	J7		

Sample Narrative:

OS: Dilution due to matrix.

Guide to Reading and Understanding Your Laboratory Report

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

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

Abbreviations and Definitions

MDL	Method Detection Limit.
ND	Not detected at the Reporting Limit (or MDL where applicable).
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
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

B	The same analyte is found in the associated blank.
E	The analyte concentration exceeds the upper limit of the calibration range of the instrument established by the initial calibration (ICAL).
J	The identification of the analyte is acceptable; the reported value is an estimate.
J1	Surrogate recovery limits have been exceeded; values are outside upper control limits.
J2	Surrogate recovery limits have been exceeded; values are outside lower control limits.
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.
J5	The sample matrix interfered with the ability to make any accurate determination; spike value is high.
J6	The sample matrix interfered with the ability to make any accurate determination; spike value is low.
J7	Surrogate recovery cannot be used for control limit evaluation due to dilution.

GLOSSARY OF TERMS

Qualifier	Description
Q	Sample was prepared and/or analyzed past holding time as defined in the method. Concentrations should be considered minimum values.
V	The sample concentration is too high to evaluate accurate spike recoveries.

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.

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Report to: Julie Speer

Email To: jspeer@trccompanies.com

Project Description: Artesia Spring 2022

City/State Collected: Artesia, NM

Phone: 512-684-3170
Fax:

Client Project #

Lab Project #
TRCATX-ARTESIA

Collected by (print): Scott Ude/HMI Team

Site/Facility ID #
(Navajo - Artesia)

P.O. #

Collected by (signature): Scott Ude
Immediately Packed on Ice N ___ Y ✓

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote #

Date Results Needed

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260OXY - 40mlAmb HCl	DROLVI- 40mlAmb-HCl-BT	GRO - 40mlAmb HCl	Total/Diss. Short List Metals	Anions. TDS - 500mlHDPE-NoPres	NO2NO3 - 250mlHDPE-H2SO4	Total /Diss. Long List Metals	Cyanide - 250mlHDPEAmb-NaOH	EDB - 40mlClr-NaThio	8270DIOXANE - 100ml Amb-NoPres	Remarks	Sample # (lab only)
MW-6A	Grab	GW		4/13/22	1235	13	x	x	x	x	x	x				x		01
~~MW-85~~	~~Grab~~	~~GW~~				~~11~~	x	x	x	x	x	x					LNAPL	
~~MW-86~~	~~Grab~~	~~GW~~				12	x	x	x		x	x	x	x			LNAPL	
MW-120	Grab	GW		4/13/22	1140	13	x	x	x	x	x	x				x		02
MW-121	Grab	GW		4/13/22	1045	13	x	x	x	x	x	x				x		03
MW-84	Grab	GW		4/13/22	905	11	x	x	x	x	x	x						04
~~MW-122~~	Grab	GW				13	x	x	x	x	x	x				x		
~~MW-81~~	Grab	GW				11	x	x	x	x	x	x						
~~MW-80~~	Grab	GW				11	x	x	x	x	x	x						
~~MW-79~~	Grab	GW				11	x	x	x	x	x	x						

Chain of Custody Page 1 of 25

Pace Analytical® National Center for Testing & Innovation

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

L # L482988
Table #
Acctnum: TRCATX
Template: T206518
Prelogin: P915556
TSR: 526
PB:
Shipped Via:

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

Remarks: Shipment #3 Diss. Metals are Field-filtered

pH _____ Temp _____
Flow _____ Other _____

Samples returned via:
__ UPS ✓ FedEx __ Courier __ _____

Tracking #

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

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR	If preservation required by Login: Date/Time
Scott Ude	4/14/22	0700		4	
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: °C Bottles Received: 706	
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature) M. Scott	Date: 4/15/22 Time: 0910	Hold: Condition: NCF / OK

TRC Solutions - Austin, TX
505 E. Huntland Dr, Ste 250
Austin, TX 78752

Billing Information:
Accounts Payable
21 Griffin Road North
Windsor, CT 06095
apinvoiceapproval@trcsolutions.com

Pres Chk

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P.O. #

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Immediately Packed on Ice N ___ Y ✓

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___ Three Day

Quote #

Date Results Needed

Analysis / Container / Preservative

Chain of Custody Page 2 of 25

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12065 Lebanon Rd
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Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

L # L1472988

Table #

Acctnum: TRCATX
Template: T206218
Prelogin: P915556
TSR: 526
PB:

Shipped Via:

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260OXY - 40mlAmb HCl	DROLVI- 40mlAmb-HCl-BT	GRO - 40mlAmb HCl	Total/Diss. Short List Metals	Anions. TDS - 500mlHDPE-NoPres	NO2NO3 - 250mlHDPE-H2SO4	Total /Diss. Long List Metals	Cyanide - 250mlHDPEAmb-NaOH	EDB - 40mlClr-NaThio	8270DIOXANE - 100ml Amb-NoPres	Remarks	Sample # (lab only)
MW-82	Grab	GW		4/13/22	955	11	x	x	x	x	x	x						05
~~MW-74~~	Grab	GW				13	x	x	x	x	x	x				x		
~~MW-73~~	Grab	GW				11	x	x	x	x	x	x						
~~MW-2A~~	Grab	GW				11	x	x	x	x	x	x						
~~MW-72~~	Grab	GW				11	x	x	x	x	x	x						
~~OCD-6~~	Grab	GW				13	x	x	x	x	x	x				x		
~~OCD-7AR~~	Grab	GW				11	x	x	x	x	x	x						
MW-7B (Biennial schedule; should not be referenced)	~~Grab~~	~~GW~~				~~11~~	~~x~~	~~x~~	~~x~~	~~x~~	~~x~~	~~x~~					Biennial!	
~~RW-#15C~~	~~Grab~~	~~GW~~				9	x	x		x	x	x					LNAPL	
~~MW-48~~	~~Grab~~	~~GW~~				11	x	x	x	x	x	x					well Failed	

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

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Samples returned via:
__ UPS ✓ FedEx __ Courier __ _____

Tracking #

Sample Receipt Checklist
COC Seal Present/Intact: __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

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR	If preservation required by Login: Date/Time
Scott Ude	4/14/22	0700			
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: °C Bottles Received:	
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 4/15/22 Time: 0900	Hold: Condition: (NCF / OK

TRC Solutions - Austin, TX
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Austin, TX 78752

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apinvoiceapproval@trcsolutions.com

Pres Chk

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Phone: 512-684-3170
Fax:

Client Project #

Lab Project # TRCATX-ARTESIA

Collected by (print): Scott Ude/HMI Team

Site/Facility ID # (Navajo - Artesia)

P.O. #

Collected by (signature): Scott Ude
Immediately Packed on Ice N ___ Y ✓

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___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote #

Date Results Needed

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260OXY - 40mlAmb HCl	DROLVI- 40mlAmb-HCl-BT	GRO - 40mlAmb HCl	Total/Diss. Short List Metals	Anions. TDS - 500mlHDPE-NoPres	NO2NO3 - 250mlHDPE-H2SO4	Total /Diss. Long List Metals	Cyanide - 250mlHDPEAmb-NaOH	EDB - 40mlClr-NaThio	8270DIOXANE - 100ml Amb-NoPres	Remarks	Sample # (lab only)
MW-130	Grab	GW		4/13/22	930	11	x	x	x	x	x	x						07
~~KWB-4~~	~~Grab~~	~~GW~~				~~9~~	~~x~~	~~x~~		~~x~~	~~x~~	~~x~~					LNAPL	
~~RW-19~~	~~Grab~~	~~GW~~				~~9~~	~~x~~	~~x~~		~~x~~	~~x~~	~~x~~					LNAPL	
~~EB-EP-01~~	Grab	GW				11	x	x	x	x	x	x						
~~EB-EP-01~~ 4	Grab	GW				11	x	x	x	x	x	x						
~~TRIP BLANK-EP-01~~	Grab	GW				1	x											

Chain of Custody Page 3 of 25

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Mount Juliet, TN 37122
Phone: 615-758-5858
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Fax: 615-758-5859

L # L482988

Table #

Acctnum: TRCATX

Template: T206518

Prelogin: P915556

TSR: 526

PB:

Shipped Via:

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

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Samples returned via:
__ UPS ✓ FedEx __ Courier __ _____

Tracking #

Sample Receipt Checklist
COC Seal Present/Intact: __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

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR	If preservation required by Login: Date/Time
Scott Ude	4/14/22	0700			
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: °C Bottles Received:	
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 4/15/22 Time: 0900	Hold: Condition: NCF / OK

TRC Solutions - Austin, TX 505 E. Huntland Dr, Ste 250 Austin, TX 78752	Billing Information: Accounts Payable 21 Griffin Road North Windsor, CT 06095 apinvoiceapproval@trcsolutions.com	Pres Chk
Report to: Julie Speer	Email To: jspeer@trccompanies.com	
Project Description: Artesia Spring 2022	City/State Collected: Artesia, NM	
Phone: 512-684-3170 Fax:	Client Project #	Lab Project # TRCATX-ARTESIA
Collected by (print): Scott Ude/HMI Team	Site/Facility ID # (Navajo - Artesia)	P.O. #
Collected by (signature): Scott Ude Immediately Packed on Ice N ___ Y ✓	*Rush?* (Lab MUST Be Notified) ___ Same Day ___ Five Day ___ Next Day ___ 5 Day (Rad Only) ___ Two Day ___ 10 Day (Rad Only) ___ Three Day Date Results Needed	Quote #

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260OXY - 40mlAmb HCl	DROLVI- 40mlAmb-HCl-BT	GRO - 40mlAmb HCl	Total/Diss. Short List Metals	Anions. TDS - 500mlHDPE-NoPres	NO2NO3 - 250mlHDPE-H2SO4	Total /Diss. Long List Metals	Cyanide - 250mlHDPEAmb-NaOH	EDB - 40mlClr-NaThio	8270DIOXANE - 100ml Amb-NoPres	Remarks	Sample # (lab only)
MW-76	Grab	GW		4/13/22	1215	13	x	x	x	x	x	x				x		68
MW-77	Grab	GW		4/13/22	1300	11	x	x	x	x	x	x						09
MW-78	Grab	GW		4/13/22	1515	13	x	x	x	x	x	x				x		10
MW-75	Grab	GW		4/13/22	1425	11	x	x	x	x	x	x						11
MW-83	Grab	GW		4/13/22	1335	11	x	x	x	x	x	x						12
MW-3	Grab	GW		4/13/22	1610	13	x	x	x	x	x	x				x		13
MW-88	Grab	GW		4/13/22	1120	11	x	x	x	x	x	x						14
MW-22A	Grab	GW		4/13/22	1400	13	x	x	x	x	x	x				x		15
MW-10	Grab	GW		4/13/22	1310	11	x	x	x	x	x	x						16
MW-123	Grab	GW		4/13/22	1210	13	x	x	x	x	x	x				x		17

Chain of Custody Page 4 of 25

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

L # L482987
Table #
Acctnum: TRCATX
Template: T206518
Prelogin: P915556
TSR: 526
PB:
Shipped Via:

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

Remarks:

pH _____ Temp _____
Flow _____ Other _____

Samples returned via:
__ UPS ✓ FedEx __ Courier __ _____

Tracking #

Sample Receipt Checklist
COC Seal Present/Intact: 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

Relinquished by : (Signature) Scott Ude	Date: 4/14/22	Time: 0700	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR	
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: °C Bottles Received:	If preservation required by Login: Date/Time
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 4/15/22 Time: 0900	Hold: / Condition: NCF / OK

TRC Solutions - Austin, TX
505 E. Huntland Dr, Ste 250
Austin, TX 78752

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21 Griffin Road North
Windsor, CT 06095
apinvoiceapproval@trcsolutions.com

Pres Chk

Report to: Julie Speer

Email To: jspeer@trccompanies.com

Project Description: Artesia Spring 2022

City/State Collected: Artesia, NM

Phone: 512-684-3170
Fax:

Client Project #

Lab Project # TRCATX-ARTESIA

Collected by (print): Scott Ude/HMI Team

Site/Facility ID # (Navajo - Artesia)

P.O. #

Collected by (signature): Scott Ude
Immediately Packed on Ice N ___ Y ✓

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
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___ Three Day

Quote #

Date Results Needed

Analysis / Container / Preservative

Chain of Custody Page 5 of 25

Pace Analytical® National Center for Testing & Innovation

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Phone: 800-767-5859
Fax: 615-758-5859

L # L482988

Table #

Acctnum: TRCATX
Template: T206518
Prelogin: P915556
TSR: 526
PB:

Shipped Via:

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260OXY - 40mlAmb HCl	DROLVI- 40mlAmb-HCl-BT	GRO - 40mlAmb HCl	Total/Diss. Short List Metals	Anions. TDS - 500mlHDPE-NoPres	NO2NO3 - 250mlHDPE-H2SO4	Total /Diss. Long List Metals	Cyanide - 250mlHDPEAmb-NaOH	EDB - 40mlClr-NaThio	8270DIOXANE - 100ml Amb-NoPres	Remarks	Sample # (lab only)
MW-4A	Grab	GW		4/13/22	1120	13	x	x	x	x	x	x				x		18
MW-5A	Grab	GW		4/13/22	1015	11	x	x	x	x	x	x						19
MW-7A	Grab	GW		4/13/22	920	11	x	x	x	x	x	x						20
OCD-8A	Grab	GW		4/13/22	835	12	x	x	x		x	x	x	x				21
DUP-EP-01	Grab	GW		4/13/22	900	11	x	x	x	x	x	x						22
DUP-EP-02	Grab	GW		4/13/22	1200	11	x	x	x	x	x	x						23
DUP-EP-03	Grab	GW		4/13/22	1200	11	x	x	x	x	x	x						24
EB-EP-03	Grab	GW		4/13/22	1030	11	x	x	x	x	x	x						25
TRIP BLANK-EP-02	Grab	GW		4/13/22	—	1	x											26

* Matrix:
SS - Soil AIR - Air F - Filter
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DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____
Flow _____ Other _____

Samples returned via:
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Tracking #

Sample Receipt Checklist
COC Seal Present/Intact: __NP __Y __N
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Correct bottles used: __Y __N
Sufficient volume sent: __Y __N
If Applicable
VOA Zero Headspace: __Y __N
Preservation Correct/Checked: __Y __N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR	If preservation required by Login: Date/Time
Scott Ude	4/14/22	0700			
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: °C Bottles Received:	
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 4/15/22 Time: 0900	Hold: Condition: NCF / OK

TRC Solutions - Austin, TX
505 E. Huntland Dr, Ste 250
Austin, TX 78752

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Pres Chk

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TRCATX-ARTESIA

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(Navajo - Artesia)

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Analysis / Container / Preservative

Chain of Custody Page 6 of 25

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L # L1432988
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Prelogin: P915556
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Shipped Via:

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260OXY - 40mlAmb HCl	DROLVI- 40mlAmb-HCl-BT	GRO - 40mlAmb HCl	Total/Diss. Short List Metals	Anions. TDS - 500mlHDPE-NoPres	NO2NO3 - 250mlHDPE-H2SO4	Total /Diss. Long List Metals	Cyanide - 250mlHDPEAmb-NaOH	EDB - 40mlClr-NaThio	8270DIOXANE - 100ml Amb-NoPres	Remarks	Sample # (lab only)
MW-25	Grab	GW		4/13/22	1010	9	x	x		x	x	x						27
MW-1R	Grab	GW		4/13/22	920	9	x	x		x	x	x						29
MW-15	Grab	GW		4/13/22	830	11	x	x	x	x	x	x						25
~~OCD-1R~~	Grab	GW				11	x	x	x	x	x	x						
~~OCD-2A~~	Grab	GW				11	x	x	x	x	x	x						
~~OCD-3~~	Grab	GW				13	x	x	x	x	x	x				x		
~~OCD-4~~	Grab	GW				11	x	x	x	x	x	x						
~~MW-11A~~	Grab	GW				11	x	x	x	x	x	x						
~~OCD-5~~	Grab	GW				11	x	x	x	x	x	x						
~~MW-87~~	Grab	GW				11	x	x	x	x	x	x						

* Matrix:
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Remarks:

pH _____ Temp _____
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Sample Receipt Checklist
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Scott Ude	4/14/22	0700			
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: °C Bottles Received:	
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Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260OXY - 40mlAmb HCl	DROLVI- 40mlAmb-HCl-BT	GRO - 40mlAmb HCl	Total/Diss. Short List Metals	Anions. TDS - 500mlHDPE-NoPres	NO2NO3 - 250mlHDPE-H2SO4	Total /Diss. Long List Metals	Cyanide - 250mlHDPEAmb-NaOH	EDB - 40mlClr-NaThio	8270DIOXANE - 100ml Amb-NoPres	Remarks	Sample # (lab only)
~~MW-18A~~	Grab	GW				10	x	x			x	x	x	x				
~~MW-70~~	Grab	GW				11	x	x	x	x	x	x						
~~MW-124~~	Grab	GW				11	x	x	x	x	x	x						
MW-52	Grab	GW		4/13/22	1400	12	x	x	x		x	x	x	x				30
MW-109	Grab	GW		4/13/22	1200	13	x	x	x	x	x	x				x		31
MW-110	Grab	GW		4/13/22	1300	13	x	x	x	x	x	x				x		32
~~EB-EP-02~~	Grab	GW				11	x	x	x	x	x	x						
~~TRIP BLANK-EP-03~~	Grab	GW				1	x											

Chain of Custody Page 7 of 25

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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

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR	If preservation required by Login: Date/Time
Scott Ude	4/14/22	0700			
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: °C Bottles Received:	
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 4/14/22 Time: 0920	Hold: Condition: NCF / OK

TRC Solutions - Austin, TX 505 E. Huntland Dr, Ste 250 Austin, TX 78752	Billing Information: Accounts Payable 21 Griffin Road North Windsor, CT 06095 apinvoiceapproval@trcsolutions.com
Report to: Julie Speer	Email To: jspeer@trccompanies.com
Project Description: Artesia Spring 2022	City/State Collected: Artesia, NM
Phone: 512-684-3170 Fax:	Client Project # Lab Project # TRCATX-ARTESIA
Collected by (print): Scott Ude/HMI Team	Site/Facility ID # (Navajo - Artesia)
Collected by (signature): Scott Ude Immediately Packed on Ice N ___ Y ✓	*Rush?* (Lab MUST Be Notified) ___ Same Day ___ Five Day ___ Next Day ___ 5 Day (Rad Only) ___ Two Day ___ 10 Day (Rad Only) ___ Three Day Date Results Needed
	P.O. # Quote #

Pres Chk

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260OXY - 40mlAmb HCl	DROLVI- 40mlAmb-HCl-BT	GRO - 40mlAmb HCl	Total/Diss. Short List Metals	Anions. TDS - 500mlHDPE-NoPres	NO2NO3 - 250mlHDPE-H2SO4	Total /Diss. Long List Metals	Cyanide - 250mlHDPEAmb-NaOH	EDB - 40mlClr-NaThio	8270DIOXANE - 100ml Amb-NoPres	Remarks	Sample # (lab only)
~~RW-12R~~	~~Grab~~	~~GW~~				~~9~~	x	x		x	x	x					LNAPL	
MW-113	Grab	GW		4/13/22	1700	16	x	x	x	x	x	x			x	x		33
~~KWB-8~~	~~Grab~~	~~GW~~				~~10~~	x	x			x	x	x	x			LNAPL	
~~RW-22~~	~~Grab~~	~~GW~~				~~9~~	x	x		x	x	x					LNAPL	
~~RW-20A~~	~~Grab~~	~~GW~~				~~9~~	x	x		x	x	x					Well Dry	
~~RW-20B~~	~~Grab~~	~~GW~~				~~9~~	x	x		x	x	x					Well Dry	
~~RW-13R~~	~~Grab~~	~~GW~~				~~14~~	x	x		x	x	x			x	x	LNAPL	
~~RW-14R~~	~~Grab~~	~~GW~~				~~9~~	x	x		x	x	x					LNAPL	
~~MW-133~~	~~Grab~~	~~GW~~				~~11~~	x	x	x	x	x	x					LNAPL	
MW-134	Grab	GW		4/13/22	1525	13	x	x	x	x	x	x				x		34

Chain of Custody Page 8 of 25

Pace Analytical® National Center for Testing & Innovation

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

L # L1422588

Table #

Acctnum: TRCATX

Template: T206518

Prelogin: P915556

TSR: 526

PB:

Shipped Via:

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

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Samples returned via:
__ UPS ✓ FedEx __ Courier __ _____

Tracking #

Sample Receipt Checklist
COC Seal Present/Intact: __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

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR	If preservation required by Login: Date/Time
Scott Ude	4/14/22	0700			
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: °C Bottles Received:	
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 4/15/22 Time: 0900	Hold: Condition: NCF / OK

TRC Solutions - Austin, TX
505 E. Huntland Dr, Ste 250
Austin, TX 78752

Billing Information:
Accounts Payable
21 Griffin Road North
Windsor, CT 06095
apinvoiceapproval@trcsolutions.com

Pres Chk

Report to: Julie Speer

Email To: jspeer@trccompanies.com

Project Description: Artesia Spring 2022

City/State Collected: Artesia, NM

Phone: 512-684-3170
Fax:

Client Project #

Lab Project #
TRCATX-ARTESIA

Collected by (print): Scott Ude/HMI Team

Site/Facility ID #
(Navajo - Artesia)

P.O. #

Collected by (signature): Scott Ude
Immediately Packed on Ice N ___ Y ✓

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote #

Date Results Needed

Analysis / Container / Preservative

Chain of Custody Page 9 of 25

Pace Analytical® National Center for Testing & Innovation

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

L# 482488

Table #

Acctnum: TRCATX
Template: T206518
Prelogin: P915556
TSR: 526
PB:

Shipped Via:

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260OXY - 40mlAmb HCl	DROLVI- 40mlAmb-HCl-BT	GRO - 40mlAmb HCl	Total/Diss. Short List Metals	Anions. TDS - 500mlHDPE-NoPres	NO2NO3 - 250mlHDPE-H2SO4	Total /Diss. Long List Metals	Cyanide - 250mlHDPEAmb-NaOH	EDB - 40mlClr-NaThio	8270DIOXANE - 100ml Amb-NoPres	Remarks	Sample # (lab only)
RA-4798	Grab	GW		4/13/22	1745	11	x			x	x	x			x	x	Only Cation	35
~~RA-4196~~	~~Grab~~	~~GW~~				11	x			x	x	x			x	x	~~Only Cation~~	pump is shorted; no power
RA-3156	Grab	GW		4/13/22	1350	6	x			x	x	x					Only Cation	36
RA-313	Grab	GW		4/13/22	1145	8	x			x	x	x				x	Only Cation	37
KWB-7	Grab	GW		4/13/22	1320	10	x	x			x	x	x	x				38
MW-20	Grab	GW		4/13/22	1600	9	x	x		x	x	x						39
~~NP-1~~	Grab	GW				11	x			x	x	x			x	x	Only Cation	
~~MW-8~~	Grab	GW				11	x	x	x	x	x	x						
~~MW-21~~	Grab	GW				13	x	x	x	x	x	x				x		
~~MW-71~~	Grab	GW				15	x	x			x	x	x	x	x	x		

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

Remarks:
RA-4798,RA-4196,RA-3156,RA-313,NP-1 reporting Cations from Metals bottle.

pH _____ Temp _____
Flow _____ Other _____

Samples returned via:
__ UPS ✓ FedEx __ Courier __ _____

Tracking #

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

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR	If preservation required by Login: Date/Time
Scott Ude	4/14/22	0700			
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: °C Bottles Received:	
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 4/15/22 Time: 0900	Hold: Condition: NCF / OK

TRC Solutions - Austin, TX 505 E. Huntland Dr, Ste 250 Austin, TX 78752	Billing Information: Accounts Payable 21 Griffin Road North Windsor, CT 06095 apinvoiceapproval@trcsolutions.com
Report to: Julie Speer	Email To: jspeer@trccompanies.com
Project Description: Artesia Spring 2022	City/State Collected: Artesia, NM
Phone: 512-684-3170 Fax:	Client Project # Lab Project # TRCATX-ARTESIA
Collected by (print): Scott Ude/HMI Team	Site/Facility ID # (Navajo - Artesia) P.O. #
Collected by (signature): Scott Ude Immediately Packed on Ice N ___ Y ✓	*Rush?* (Lab MUST Be Notified) ___ Same Day ___ Five Day ___ Next Day ___ 5 Day (Rad Only) ___ Two Day ___ 10 Day (Rad Only) ___ Three Day Quote # Date Results Needed

Chain of Custody Page 10 of 25

Pace Analytical® National Center for Testing & Innovation

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

L # L1422988

Table #

Acctnum: TRCATX

Template: T206518

Prelogin: P915556

TSR: 526

PB:

Shipped Via:

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260OXY - 40mlAmb HCl	DROLVI- 40mlAmb-HCl-BT	GRO - 40mlAmb HCl	Total/Diss. Short List Metals	Anions. TDS - 500mlHDPE-NoPres	NO2NO3 - 250mlHDPE-H2SO4	Total /Diss. Long List Metals	Cyanide - 250mlHDPEAmb-NaOH	EDB - 40mlClr-NaThio	8270DIOXANE - 100ml Amb-NoPres	Remarks	Sample # (lab only)
~~MW-68~~	Grab	GW				9	x	x		x	x	x						
~~MW-27~~	Grab	GW				9	x	x		x	x	x						
~~MW-89~~	Grab	GW				9	x	x		x	x	x						
~~MW-16~~	Grab	GW				9	x	x		x	x	x						
~~MW-26~~	Grab	GW				9	x	x		x	x	x						
~~KWB-11A~~	~~Grab~~	~~GW~~				~~17~~	~~x~~	~~x~~	~~x~~		~~x~~	~~x~~	~~x~~	~~x~~	~~x~~	~~x~~	LNAPL	
KWB-11B	Grab	GW		4/13/22	1725	17	x	x	x		x	x	x	x	x	x		40
MW-115	Grab	GW		4/13/22	1100	11	x	x	x	x	x	x						41
MW-114	Grab	GW		4/13/22	855	16	x	x	x	x	x	x			x	x		42
MW-125	Grab	GW		4/13/22	955	11	x	x	x	x	x	x						43

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

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Samples returned via:
__ UPS ✓ FedEx __ Courier __ _____

Tracking #

Sample Receipt Checklist
COC Seal Present/Intact: __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

Relinquished by : (Signature) Scott Ude	Date: 4/14/22	Time: 0700	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR	
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: °C Bottles Received:	If preservation required by Login: Date/Time
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 4/15/22 Time: 0900	Hold: Condition: NCF / OK

TRC Solutions - Austin, TX 505 E. Huntland Dr, Ste 250 Austin, TX 78752	Billing Information: Accounts Payable 21 Griffin Road North Windsor, CT 06095 apinvoiceapproval@trcsolutions.com
Report to: Julie Speer	Email To: jspeer@trccompanies.com
Project Description: Artesia Spring 2022	City/State Collected: Artesia, NM
Phone: 512-684-3170 Fax:	Client Project #	Lab Project # TRCATX-ARTESIA
Collected by (print): Scott Ude/HMI Team	Site/Facility ID # (Navajo - Artesia)	P.O. #
Collected by (signature): Scott Ude Immediately Packed on Ice N ___ Y ✓	*Rush?* (Lab MUST Be Notified) ___ Same Day ___ Five Day ___ Next Day ___ 5 Day (Rad Only) ___ Two Day ___ 10 Day (Rad Only) ___ Three Day Date Results Needed	Quote #

Pres Chk

Analysis / Container / Preservative

Chain of Custody Page 11 of 25

Pace Analytical® National Center for Testing & Innovation

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

L # L1482988

Table #

Acctnum: TRCATX

Template: T206518

Prelogin: P915556

TSR: 526

PB:

Shipped Via:

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260OXY - 40mlAmb HCl	DROLVI- 40mlAmb-HCl-BT	GRO - 40mlAmb HCl	Total/Diss. Short List Metals	Anions. TDS - 500mlHDPE-NoPres	NO2NO3 - 250mlHDPE-H2SO4	Total /Diss. Long List Metals	Cyanide - 250mlHDPEAmb-NaOH	EDB - 40mlClr-NaThio	8270DIOXANE - 100ml Amb-NoPres	Remarks	Sample # (lab only)
DUP-REST-01	Grab	GW		4/13/22	1200	16	x	x	x	x	x	x			x	x		44
EB-REST-01	Grab	GW		4/13/22	1720	16	x	x	x	x	x	x			x	x		45
DUP-REST-03	Grab	GW		4/13/22	1400	13	x	x	x	x	x	x				x		46
EB-REST-03	Grab	GW		4/13/22	1550	13	x	x	x	x	x	x				x		47
TRIP BLANK-REST-01	Grab	GW		4/13/22	—	1	x											48
~~TRIP BLANK-TMD-01~~	Grab	GW				1	x											

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

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Samples returned via:
__ UPS ✓ FedEx __ Courier __ _____

Tracking #

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

Relinquished by : (Signature) Scott Ude	Date: 4/14/22	Time: 0700	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR	
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: °C Bottles Received:	If preservation required by Login: Date/Time
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 4/15/22 Time: 0912	Hold: / Condition: NCF / OK

TRC Solutions - Austin, TX
505 E. Huntland Dr, Ste 250
Austin, TX 78752

Billing Information:
Accounts Payable
21 Griffin Road North
Windsor, CT 06095
apinvoiceapproval@trcsolutions.com

Pres Chk

Report to: Julie Speer

Email To: jspeer@trccompanies.com

Project Description: Artesia Spring 2022

City/State Collected: Artesia, NM

Phone: 512-684-3170
Fax:

Client Project #

Lab Project # TRCATX-ARTESIA

Collected by (print): Scott Ude/HMI Team

Site/Facility ID # (Navajo - Artesia)

P.O. #

Collected by (signature): Scott Ude

Immediately Packed on Ice N ___ Y ✓

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote #

Date Results Needed

Analysis / Container / Preservative

Chain of Custody Page 12 of 25

Pace Analytical® National Center for Testing & Innovation

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

L #

Table #

Acctnum: TRCATX
Template: T206518
Prelogin: P915556
TSR: 526
PB:

Shipped Via:

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260OXY - 40mlAmb HCl	DROLVI- 40mlAmb-HCl-BT	GRO - 40mlAmb HCl	Total/Diss. Short List Metals	Anions. TDS - 500mlHDPE-NoPres	NO2NO3 - 250mlHDPE-H2SO4	Total /Diss. Long List Metals	Cyanide - 250mlHDPEAmb-NaOH	EDB - 40mlClr-NaThio	8270DIOXANE - 100ml Amb-NoPres	Remarks	Sample # (lab only)
~~MW-117~~	Grab	GW				13	x	x	x	x	x	x				x		
~~MW-118~~	Grab	GW				11	x	x	x	x	x	x						
~~MW-119~~	Grab	GW				11	x	x	x	x	x	x						
~~MW-136~~	Grab	GW				12	x	x	x		x	x	x	x				
~~MW-126A~~	Grab	GW				11	x	x	x	x	x	x						
~~MW-126B~~	Grab	GW				16	x	x	x	x	x	x			x	x		
~~MW-127~~	Grab	GW				16	x	x	x	x	x	x			x	x		
~~MW-129~~	Grab	GW				11	x	x	x	x	x	x						
~~KWB-1A~~	Grab	GW				10	x	x			x	x	x	x				
~~KWB-10R~~	Grab	GW				11	x	x		x	x	x				x		

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

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Samples returned via:
__ UPS ✓ FedEx __ Courier __ _____

Tracking #

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

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR	If preservation required by Login: Date/Time
Scott Ude	4/14/22	0700			
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: °C Bottles Received:	
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature) M. Scott	Date: 4/15/22 Time: 0902	Hold: / Condition: NCF / OK

TRC Solutions - Austin, TX
505 E. Huntland Dr, Ste 250
Austin, TX 78752

Billing Information:
Accounts Payable
21 Griffin Road North
Windsor, CT 06095
apinvoiceapproval@trcsolutions.com

Pres Chk

Report to: Julie Speer

Email To: jspeer@trccompanies.com

Project Description: Artesia Spring 2022

City/State Collected: Artesia, NM

Phone: 512-684-3170
Fax:

Client Project #

Lab Project #
TRCATX-ARTESIA

Collected by (print): Scott Ude/HMI Team

Site/Facility ID #
(Navajo - Artesia)

P.O. #

Collected by (signature): Scott Ude

Immediately Packed on Ice N ___ Y ✓

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote #

Date Results Needed

Analysis / Container / Preservative

Chain of Custody Page 13 of 25

Pace Analytical® National Center for Testing & Innovation

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

L #

Table #

Acctnum: TRCATX
Template: T206518
Prelogin: P915556
TSR: 526
PB:

Shipped Via:

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260OXY - 40mlAmb HCl	DROLVI- 40mlAmb-HCl-BT	GRO - 40mlAmb HCl	Total/Diss. Short List Metals	Anions. TDS - 500mlHDPE-NoPres	NO2NO3 - 250mlHDPE-H2SO4	Total /Diss. Long List Metals	Cyanide - 250mlHDPEAmb-NaOH	EDB - 40mlClr-NaThio	8270DIOXANE - 100ml Amb-NoPres	Remarks	Sample # (lab only)
~~MW-131~~	Grab	GW				11	x	x	x	x	x	x						
~~KWB-5~~	Grab	GW				9	x	x		x	x	x						
~~MW-111~~	Grab	GW				16	x	x	x	x	x	x			x	x		
~~KWB-6~~	Grab	GW				12	x	x		x	x	x			x	x		
~~MW-112~~	Grab	GW				11	x	x	x	x	x	x						
~~MW-132~~	Grab	GW				11	x	x	x	x	x	x						
~~MW-57~~	Grab	GW				11	x	x	x	x	x	x						
~~RW-#11-0~~	Grab	GW				9	x	x		x	x	x						
~~KWB-12A~~	Grab	GW				12	x	x	x		x	x	x	x				
~~KWB-12B~~	Grab	GW				12	x	x	x		x	x	x	x				

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

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Samples returned via:
__ UPS ✓ FedEx __ Courier __ _____

Tracking #

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

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR
Scott Ude	4/14/22	0700		
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: °C Bottles Received:
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: Time:
			M Scott	4/15/22 0900

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

TRC Solutions - Austin, TX
505 E. Huntland Dr, Ste 250
Austin, TX 78752

Billing Information:
Accounts Payable
21 Griffin Road North
Windsor, CT 06095
apinvoiceapproval@trcsolutions.com

Pres Chk

Report to: Julie Speer

Email To: jspeer@trccompanies.com

Project Description: Artesia Spring 2022

City/State Collected: Artesia, NM

Phone: 512-684-3170
Fax:

Client Project #

Lab Project # TRCATX-ARTESIA

Collected by (print): Scott Ude/HMI Team

Site/Facility ID # (Navajo - Artesia)

P.O. #

Collected by (signature): Scott Ude

Immediately Packed on Ice N ___ Y ✓

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day
Date Results Needed

Quote #

Analysis / Container / Preservative

Chain of Custody Page 14 of 25

Pace Analytical® National Center for Testing & Innovation

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

L #

Table #

Acctnum: TRCATX
Template: T206518
Prelogin: P915556
TSR: 526
PB:

Shipped Via:

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260OXY - 40mlAmb HCl	DROLVI- 40mlAmb-HCl-BT	GRO - 40mlAmb HCl	Total/Diss. Short List Metals	Anions. TDS - 500mlHDPE-NoPres	NO2NO3 - 250mlHDPE-H2SO4	Total /Diss. Long List Metals	Cyanide - 250mlHDPEAmb-NaOH	EDB - 40mlClr-NaThio	8270DIOXANE - 100ml Amb-NoPres	Remarks	Sample # (lab only)
~~KWB-2R~~	Grab	GW				11	x	x		x	x	x				x		
~~MW-58~~	Grab	GW				10	x	x			x	x	x	x				
~~KWB-13~~	Grab	GW				10	x	x			x	x	x	x				
~~DUP-REST-05~~	Grab	GW				11	x	x	x	x	x	x						
~~EB-REST-05~~	Grab	GW				11	x	x	x	x	x	x						
TRIP BLANK-REST-02	Grab	GW		4/12/22	—	1	x											

Yes, 4/12/22 please
Previous shipment

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

Remarks:

pH _____ Temp _____
Flow _____ Other _____

Samples returned via:
__ UPS ✓ FedEx __ Courier __ _____

Tracking #

Sample Receipt Checklist
COC Seal Present/Intact: 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

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR
Scott Ude	4/14/22	0700		
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: °C Bottles Received:
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 4/15/22 Time: 0902

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

TRC Solutions - Austin, TX
505 E. Huntland Dr, Ste 250
Austin, TX 78752

Billing Information:
Accounts Payable
21 Griffin Road North
Windsor, CT 06095
apinvoiceapproval@trcsolutions.com

Pres Chk

Report to: Julie Speer

Email To: jspeer@trccompanies.com

Project Description: Artesia Spring 2022

City/State Collected: Artesia, NM

Phone: 512-684-3170
Fax:

Client Project #

Lab Project #
TRCATX-ARTESIA

Collected by (print): Scott Ude/HMI Team

Site/Facility ID #
(Navajo - Artesia)

P.O. #

Collected by (signature): Scott Ude
Immediately Packed on Ice N ___ Y ✓

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day
Date Results Needed

Quote #

Analysis / Container / Preservative

Chain of Custody Page 15 of 25

Pace Analytical® National Center for Testing & Innovation

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

L # L1482588

Table #

Acctnum: TRCATX
Template: T206518
Prelogin: P915556
TSR: 526
PB:

Shipped Via:

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260OXY - 40mlAmb HCl	DROLVI- 40mlAmb-HCl-BT	GRO - 40mlAmb HCl	Total/Diss. Short List Metals	Anions. TDS - 500mlHDPE-NoPres	NO2NO3 - 250mlHDPE-H2SO4	Total /Diss. Long List Metals	Cyanide - 250mlHDPEAmb-NaOH	EDB - 40mlClr-NaThio	8270DIOXANE - 100ml Amb-NoPres	Remarks	Sample # (lab only)
MW-103	Grab	GW		4/13/22	1045	11	x	x	x	x	x	x						49
MW-104	Grab	GW		4/13/22	955	13	x	x	x	x	x	x				x		50
MW-64	Grab	GW		4/13/22	1425	11	x	x	x	x	x	x						51
~~MW-65~~	~~Grab~~	~~GW~~				~~11~~	x	x	x	x	x	x					LNAPL	
~~RW-5R~~	~~Grab~~	~~GW~~				~~9~~	x	x		x	x	x					LNAPL	
MW-102	Grab	GW		4/13/22	1550	16	x	x	x	x	x	x			x	x		52
RW-4	Grab	GW		4/13/22	1140	9	x	x		x	x	x						53
~~RW-6~~	~~Grab~~	~~GW~~				~~9~~	x	x		x	x	x					LNAPL	
~~MW-99~~	~~Grab~~	~~GW~~				~~11~~	x	x	x	x	x	x					LNAPL	
~~MW-66~~	~~Grab~~	~~GW~~				~~12~~	x	x	x		x	x	x	x			LNAPL	

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

Remarks:

pH _____ Temp _____
Flow _____ Other _____

Samples returned via:
__ UPS ✓ FedEx __ Courier __ _____

Tracking #

Sample Receipt Checklist
COC Seal Present/Intact: __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

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR	If preservation required by Login: Date/Time
Scott Ude	4/14/22	0700			
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: °C Bottles Received:	
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 4/15/22 Time: 0900	Hold: Condition: NCF / OK

TRC Solutions - Austin, TX
505 E. Huntland Dr, Ste 250
Austin, TX 78752

Billing Information:
Accounts Payable
21 Griffin Road North
Windsor, CT 06095
apinvoiceapproval@trcsolutions.com

Pres Chk

Report to: Julie Speer

Email To: jspeer@trccompanies.com

Project Description: Artesia Spring 2022

City/State Collected: Artesia, NM

Phone: 512-684-3170
Fax:

Client Project #

Lab Project #
TRCATX-ARTESIA

Collected by (print): Scott Ude/HMI Team

Site/Facility ID #
(Navajo - Artesia)

P.O. #

Collected by (signature): Scott Ude

Immediately Packed on Ice N ___ Y ✓

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote #

Date Results Needed

Analysis / Container / Preservative

Chain of Custody Page 16 of 25

Pace Analytical® National Center for Testing & Innovation

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

L #

Table #

Acctnum: TRCATX
Template: T206518
Prelogin: P915556
TSR: 526
PB:

Shipped Via:

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260OXY - 40mlAmb HCl	DROLVI- 40mlAmb-HCl-BT	GRO - 40mlAmb HCl	Total/Diss. Short List Metals	Anions. TDS - 500mlHDPE-NoPres	NO2NO3 - 250mlHDPE-H2SO4	Total /Diss. Long List Metals	Cyanide - 250mlHDPEAmb-NaOH	EDB - 40mlClr-NaThio	8270DIOXANE - 100ml Amb-NoPres	Remarks	Sample # (lab only)
~~MW-28~~	~~Grab~~	~~GW~~				~~14~~	x	x	x		x	x	x	x		x	LNAPL	
~~MW-59~~	~~Grab~~	~~GW~~				~~11~~	x	x	x	x	x	x					LNAPL	
~~MW-60~~	Grab	GW				17	x	x	x		x	x	x	x	x	x		
~~MW-107~~	~~Grab~~	~~GW~~				~~11~~	x	x	x	x	x	x					LNAPL	
~~MW-128~~	~~Grab~~	~~GW~~				~~13~~	x	x	x	x	x	x				x	LNAPL	
~~MW-116~~	Grab	GW				11	x	x	x	x	x	x						
~~MW-46R~~	Grab	GW				9	x	x		x	x	x						
~~RW-#18A~~	Grab	GW				7	x			x	x	x						
~~MW-145~~	Grab	GW				10	x	x	x	x	x							
~~MW-146~~	Grab	GW				10	x	x	x	x	x							

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

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Samples returned via:
__ UPS ✓ FedEx __ Courier __ _____

Tracking #

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

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR	If preservation required by Login: Date/Time
Scott Ude	4/14/22	0700			
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: °C Bottles Received:	
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature) M. Scott	Date: 4/15/22 Time: 0900	Hold: Condition: NCF / OK

TRC Solutions - Austin, TX 505 E. Huntland Dr, Ste 250 Austin, TX 78752	Billing Information: Accounts Payable 21 Griffin Road North Windsor, CT 06095 apinvoiceapproval@trcsolutions.com
Report to: Julie Speer	Email To: jspeer@trccompanies.com
Project Description: Artesia Spring 2022	City/State Collected: Artesia, NM
Phone: 512-684-3170 Fax:	Client Project # Lab Project # TRCATX-ARTESIA
Collected by (print): Scott Ude/HMI Team	Site/Facility ID # (Navajo - Artesia)
Collected by (signature): Scott Ude Immediately Packed on Ice N ___ Y ✓	*Rush?* (Lab MUST Be Notified) ___ Same Day ___ Five Day ___ Next Day ___ 5 Day (Rad Only) ___ Two Day ___ 10 Day (Rad Only) ___ Three Day Date Results Needed
	P.O. # Quote #

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260OXY - 40mlAmb HCl	DROLVI- 40mlAmb-HCl-BT	GRO - 40mlAmb HCl	Total/Diss. Short List Metals	Anions. TDS - 500mlHDPE-NoPres	NO2NO3 - 250mlHDPE-H2SO4	Total /Diss. Long List Metals	Cyanide - 250mlHDPEAmb-NaOH	EDB - 40mlClr-NaThio	8270DIOXANE - 100ml Amb-NoPres	Remarks	Sample # (lab only)
~~MW-135~~	Grab	GW				13	x	x	x	x	x	x				x		
~~MW-147~~	Grab	GW				10	x	x	x	x	x							
~~MW-148~~	Grab	GW				10	x	x	x	x	x							
~~UG-3R~~	Grab	GW				12	x	x	x		x	x	x	x				
~~UG-4~~	Grab	GW				12	x	x	x		x	x	x	x				
~~UG-1~~	Grab	GW				14	x	x	x		x	x	x	x		x		
~~UG-2~~	Grab	GW				12	x	x			x	x	x	x				
DUP-REST-02	Grab	GW		4/13/22	1300	16	x	x	x	x	x	x			x	x		54
EB-REST-02	Grab	GW		4/13/22	1620	16	x	x	x	x	x	x			x	x		55
~~DUP-REST-04~~	Grab	GW				10	x	x	x	x	x							

Chain of Custody Page 17 of 25

Pace Analytical® National Center for Testing & Innovation

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

L# L1432988
Table #
Acctnum: TRCATX
Template: T206518
Prelogin: P915556
TSR: 526
PB:
Shipped Via:

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

Remarks:

pH _____ Temp _____
Flow _____ Other _____

Samples returned via:
__ UPS ✓ FedEx __ Courier __ _____

Tracking #

Sample Receipt Checklist
COC Seal Present/Intact: 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

	Date:	Time:		
Relinquished by : (Signature) Scott Ude	4/14/22	0700	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: °C Bottles Received:
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 4/15/22 Time: 0900

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

TRC Solutions - Austin, TX 505 E. Huntland Dr, Ste 250 Austin, TX 78752	Billing Information: Accounts Payable 21 Griffin Road North Windsor, CT 06095 apinvoiceapproval@trcsolutions.com
Report to: Julie Speer	Email To: jspeer@trccompanies.com
Project Description: Artesia Spring 2022	City/State Collected: Artesia, NM
Phone: 512-684-3170 Fax:	Client Project # Lab Project # TRCATX-ARTESIA
Collected by (print): Scott Ude/HMI Team	Site/Facility ID # (Navajo - Artesia)
Collected by (signature): Scott Ude Immediately Packed on Ice N ___ Y ✓	*Rush?* (Lab MUST Be Notified) ___ Same Day ___ Five Day ___ Next Day ___ 5 Day (Rad Only) ___ Two Day ___ 10 Day (Rad Only) ___ Three Day Date Results Needed
	P.O. # Quote #

Pres Chk

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260OXY - 40mlAmb HCl	DROLVI- 40mlAmb-HCl-BT	GRO - 40mlAmb HCl	Total/Diss. Short List Metals	Anions. TDS - 500mlHDPE-NoPres	NO2NO3 - 250mlHDPE-H2SO4	Total /Diss. Long List Metals	Cyanide - 250mlHDPEAmb-NaOH	EDB - 40mlClr-NaThio	8270DIOXANE - 100ml Amb-NoPres	Remarks	Sample # (lab only)
~~EB-REST-04~~	Grab	GW				10	x	x	x	x	x							
~~TRIP BLANK-REST-03~~	Grab	GW				1	x											

Chain of Custody Page 18 of 25

Pace Analytical® National Center for Testing & Innovation

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

L #

Table #

Acctnum: TRCATX
Template: T206518
Prelogin: P915556
TSR: 526
PB:

Shipped Via:

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

Remarks:

pH _____ Temp _____
Flow _____ Other _____

Samples returned via:
__ UPS ✓ FedEx __ Courier __ _____

Tracking #

Sample Receipt Checklist
COC Seal Present/Intact: __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

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR	If preservation required by Login: Date/Time
Scott Ude	4/14/22	0700			
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: °C Bottles Received:	
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature) T. Scott	Date: 4/15/22 Time: 0900	Hold: Condition: NCF / OK

TRC Solutions - Austin, TX
505 E. Huntland Dr, Ste 250
Austin, TX 78752

Billing Information:
Accounts Payable
21 Griffin Road North
Windsor, CT 06095
apinvoiceapproval@trcsolutions.com

Pres Chk

Report to: Julie Speer

Email To: jspeer@trccompanies.com

Project Description: Artesia Spring 2022

City/State Collected: Artesia, NM

Phone: 512-684-3170
Fax:

Client Project #

Lab Project #
TRCATX-ARTESIA

Collected by (print): Scott Ude/HMI Team

Site/Facility ID #
(Navajo - Artesia)

P.O. #

Collected by (signature): Scott Ude
Immediately
Packed on Ice N ___ Y ✓

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote #

Date Results Needed

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260OXY - 40mlAmb HCl	DROLVI- 40mlAmb-HCl-BT	GRO - 40mlAmb HCl	Total/Diss. Short List Metals	Anions. TDS - 500mlHDPE-NoPres	NO2NO3 - 250mlHDPE-H2SO4	Total /Diss. Long List Metals	Cyanide - 250mlHDPEAmb-NaOH	EDB - 40mlClr-NaThio	8270TX/8270DIOXANE - 100ml Amb-NoPr	Remarks	Sample # (lab only)
MW-101	Grab	GW		4/13/22	1445	13	x	x	x	x	x	x				x	No SVOCs	64
MW-105	Grab	GW		4/13/22	1355	11	x	x	x	x	x	x						52
~~RW-2~~	~~Grab~~	~~GW~~				~~15~~	~~x~~	~~x~~	~~x~~	~~x~~	~~x~~	~~x~~				~~x~~	LNAPL	
MW-61	Grab	GW		4/13/22	1250	15	x	x	x	x	x	x				x		57
~~MW-62~~	Grab	GW				18	x	x	x	x	x	x			x	x		
~~MW-62R~~	Grab	GW				12	x	x	x	x	x	x						
~~MW-93~~	~~Grab~~	GW		4/13/22		~~16~~	~~x~~	~~x~~	~~x~~	~~x~~	~~x~~	~~x~~				~~x~~	covered w/ gravel; unable to locate	
~~MW-43~~	Grab	GW				19	x	x	x		x	x	x	x	x	x		
~~MW-137~~	Grab	GW				14	x	x	x		x	x	x	x		x	No 1,4-D	
~~MW-137A~~	Grab	GW				12	x	x	x		x	x	x	x				

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

Remarks:

pH _____ Temp _____
Flow _____ Other _____

Samples returned via:
__ UPS ✓ FedEx __ Courier __ _____

Tracking #

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

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR	If preservation required by Login: Date/Time
Scott Ude	4/14/22	0700			
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: °C Bottles Received:	
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 4/15/22 Time: 0902	Hold: Condition: NCF / OK

Chain of Custody Page 19 of 25

Pace Analytical® National Center for Testing & Innovation

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

L# L1432982

Table #

Acctnum: TRCATX
Template: T206518
Prelogin: P915556
TSR: 526
PB:

Shipped Via:

TRC Solutions - Austin, TX
505 E. Huntland Dr, Ste 250
Austin, TX 78752

Billing Information:
Accounts Payable
21 Griffin Road North
Windsor, CT 06095
apinvoiceapproval@trcsolutions.com

Pres Chk

Report to: Julie Speer

Email To: jspeer@trccompanies.com

Project Description: Artesia Spring 2022

City/State Collected: Artesia, NM

Phone: 512-684-3170
Fax:

Client Project #

Lab Project # TRCATX-ARTESIA

Collected by (print): Scott Ude/HMI Team

Site/Facility ID # (Navajo - Artesia)

P.O. #

Collected by (signature): Scott Ude

Immediately Packed on Ice N ___ Y ✓

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote #

Date Results Needed

Analysis / Container / Preservative

Chain of Custody Page 20 of 25

Pace Analytical® National Center for Testing & Innovation

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

L #

Table #

Acctnum: TRCATX
Template: T206518
Prelogin: P915556
TSR: 526
PB:

Shipped Via:

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260OXY - 40mlAmb HCl	DROLVI- 40mlAmb-HCl-BT	GRO - 40mlAmb HCl	Total/Diss. Short List Metals	Anions. TDS - 500mlHDPE-NoPres	NO2NO3 - 250mlHDPE-H2SO4	Total /Diss. Long List Metals	Cyanide - 250mlHDPEAmb-NaOH	EDB - 40mlClr-NaThio	8270TX/8270DIOXANE - 100ml Amb-NoPr	Remarks	Sample # (lab only)
~~MW-138~~	Grab	GW				16	x	x	x		x	x	x	x		x		
~~MW-138A~~	Grab	GW				12	x	x	x		x	x	x	x				
~~MW-23~~	Grab	GW				15	x	x	x	x	x	x				x		
~~TEL-4~~	Grab	GW				13	x	x	x	x	x	x				x	No SVOCs	
~~TEL-3~~	Grab	GW				11	x	x	x	x	x	x						
~~TEL-2~~	Grab	GW				11	x	x	x	x	x	x						
~~TEL-1~~	Grab	GW				11	x	x	x	x	x	x						
~~MW-39~~	Grab	GW				13	x	x	x	x	x	x				x	No SVOCs	
~~MW-98~~	Grab	GW				11	x	x	x	x	x	x						
~~RW-10~~	Grab	GW				13	x	x	x	x	x	x				x	No SVOCs	

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

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Samples returned via:
__ UPS ✓ FedEx __ Courier __ _____

Tracking #

Sample Receipt Checklist
COC Seal Present/Intact: __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

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR	If preservation required by Login: Date/Time
Scott Ude	4/14/22	0700			
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: °C Bottles Received:	
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 4/15/22 Time: 0900	Hold: Condition: NCF / OK

TRC Solutions - Austin, TX
505 E. Huntland Dr, Ste 250
Austin, TX 78752

Billing Information:
Accounts Payable
21 Griffin Road North
Windsor, CT 06095
apinvoiceapproval@trcsolutions.com

Pres Chk

Report to: Julie Speer

Email To: jspeer@trccompanies.com

Project Description: Artesia Spring 2022

City/State Collected: Artesia, NM

Phone: 512-684-3170
Fax:

Client Project #

Lab Project #
TRCATX-ARTESIA

Collected by (print): Scott Ude/HMI Team

Site/Facility ID #
(Navajo - Artesia)

P.O. #

Collected by (signature): Scott Ude

Immediately Packed on Ice N ___ Y ✓

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote #

Date Results Needed

Chain of Custody Page 21 of 25

Pace Analytical® National Center for Testing & Innovation

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

L# L1482498

Table #

Acctnum: TRCATX
Template: T206518
Prelogin: P915556
TSR: 526
PB:

Shipped Via:

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260OXY - 40mlAmb HCl	DROLVI- 40mlAmb-HCl-BT	GRO - 40mlAmb HCl	Total/Diss. Short List Metals	Anions. TDS - 500mlHDPE-NoPres	NO2NO3 - 250mlHDPE-H2SO4	Total /Diss. Long List Metals	Cyanide - 250mlHDPEAmb-NaOH	EDB - 40mlClr-NaThio	8270DIOXANE - 100ml Amb-NoPres	Remarks	Sample # (lab only)
~~MW-40~~	~~Grab~~	~~GW~~				~~13~~	x	x	x	x	x	x				x	LNAPL	
~~MW-41~~	~~Grab~~	~~GW~~				~~13~~	x	x	x	x	x	x				x	LNAPL	
RW-9	Grab	GW		4/13/22	910	16	x	x	x	x	x	x			x	x		58
~~MW-42~~	Grab	GW				13	x	x	x	x	x	x				x		
~~MW-29~~	Grab	GW				13	x	x	x	x	x	x				x		
~~RW-#16B~~	Grab	GW				11	x	x		x	x	x				x		
MW-56	Grab	GW		4/13/22	1035	9	x	x		x	x	x						59
MW-49	Grab	GW		4/13/22	1420	14	x	x	x		x	x	x	x		x		60
~~MW-106~~	~~Grab~~	~~GW~~				~~13~~	x	x	x	x	x	x				x	Covered by gravel; not found	
MW-45	Grab	GW		4/13/22	1250	12	x	x			x	x	x	x		x		61

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

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Samples returned via:
__ UPS ✓ FedEx __ Courier __ _____

Tracking #

Sample Receipt Checklist
COC Seal Present/Intact: __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

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR	If preservation required by Login: Date/Time
Scott Ude	4/14/22	0700			
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: °C Bottles Received:	
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 4/15/22 Time: 0900	Hold: Condition: NCF / OK

TRC Solutions - Austin, TX
505 E. Huntland Dr, Ste 250
Austin, TX 78752

Billing Information:
Accounts Payable
21 Griffin Road North
Windsor, CT 06095
apinvoiceapproval@trcsolutions.com

Report to: Julie Speer
Email To: jspeer@trccompanies.com

Project Description: Artesia Spring 2022
City/State Collected: Artesia, NM

Phone: 512-684-3170
Fax:
Client Project #
Lab Project # TRCATX-ARTESIA

Collected by (print): Scott Ude/HMI Team
Site/Facility ID # (Navajo - Artesia)
P.O. #

Collected by (signature): Scott Ude
Immediately Packed on Ice N ___ Y ✓

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day
Date Results Needed

Quote #

Chain of Custody Page 22 of 25

Pace Analytical® National Center for Testing & Innovation
12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

L # L1482982
Table #
Acctnum: TRCATX
Template: T206518
Prelogin: P915556
TSR: 526
PB:
Shipped Via:

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260OXY - 40mlAmb HCl	DROLVI- 40mlAmb-HCl-BT	GRO - 40mlAmb HCl	Total/Diss. Short List Metals	Anions. TDS - 500mlHDPE-NoPres	NO2NO3 - 250mlHDPE-H2SO4	Total /Diss. Long List Metals	Cyanide - 250mlHDPEAmb-NaOH	EDB - 40mlClr-NaThio	8270DIOXANE - 100ml Amb-NoPres	Remarks	Sample # (lab only)
~~DUP-TEL-01~~	Grab	GW				13	x	x	x	x	x	x				x		
~~EB-TEL-01~~	Grab	GW				13	x	x	x	x	x	x				x		
TRIP BLANK-REST-04	Grab	GW		4/13/22	—	1	x											62
~~TRIP BLANK-TEL-01~~	Grab	GW				1	x											

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

Remarks:

pH _____ Temp _____
Flow _____ Other _____

Samples returned via:
__ UPS ✓ FedEx __ Courier __ _____
Tracking #

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

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR
Scott Ude	4/14/22	0700		
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: °C Bottles Received:
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 4/15/22 Time: 0900

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

TRC Solutions - Austin, TX 505 E. Huntland Dr, Ste 250 Austin, TX 78752	Billing Information: Accounts Payable 21 Griffin Road North Windsor, CT 06095 apinvoiceapproval@trcsolutions.com
Report to: Julie Speer	Email To: jspeer@trccompanies.com
Project Description: Artesia Spring 2022	City/State Collected: Artesia, NM
Phone: 512-684-3170 Fax:	Client Project # Lab Project # TRCATX-ARTESIA
Collected by (print): Scott Ude/HMI Team	Site/Facility ID # (Navajo - Artesia)
Collected by (signature): Scott Ude Immediately Packed on Ice N ___ Y ✓	*Rush?* (Lab MUST Be Notified) ___ Same Day ___ Five Day ___ Next Day ___ 5 Day (Rad Only) ___ Two Day ___ 10 Day (Rad Only) ___ Three Day Date Results Needed
	P.O. # Quote #

Pres Chk

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260OXY - 40mlAmb HCl	DROLVI- 40mlAmb-HCl-BT	GRO - 40mlAmb HCl	Total/Diss. Short List Metals	Anions. TDS - 500mlHDPE-NoPres	NO2NO3 - 250mlHDPE-H2SO4	Total /Diss. Long List Metals	Cyanide - 250mlHDPEAmb-NaOH	EDB - 40mlClr-NaThio	8270/8270DIOXANE - 100ml Amb-NoPres	Remarks	Sample # (lab only)
~~MW-139~~	Grab	GW				13	x	x	x	x	x	x				x	No SVOCs	
~~MW-50~~	Grab	GW				14	x	x		x	x	x			x	x	No SVOCs	
~~MW-97~~	Grab	GW				13	x	x	x	x	x	x				x	No 1,4-D	
~~MW-92~~	Grab	GW				13	x	x	x	x	x	x				x	No SVOCs	
~~RW-1~~	Grab	GW				13	x	x	x	x	x	x				x	No SVOCs	
~~MW-91~~	Grab	GW				13	x	x	x	x	x	x				x	No SVOCs	
~~MW-90~~	Grab	GW				13	x	x	x	x	x	x				x	No SVOCs	
~~MW-96~~	Grab	GW				11	x	x	x	x	x	x						
~~MW-94~~	Grab	GW				13	x	x	x	x	x	x				x	No SVOCs	
~~RW-8~~	Grab	GW				14	x	x		x	x	x			x	x	No SVOCs	

Chain of Custody Page 23 of 25

Pace Analytical® National Center for Testing & Innovation

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

L #

Table #

Acctnum: TRCATX
Template: T206518
Prelogin: P915556
TSR: 526
PB:

Shipped Via:

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

Remarks:

pH _____ Temp _____
Flow _____ Other _____

Samples returned via:
__ UPS ✓ FedEx __ Courier __ _____

Tracking #

Sample Receipt Checklist
COC Seal Present/Intact: __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

Relinquished by : (Signature) Scott Ude	Date: 4/14/22	Time: 0700	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR	
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: °C Bottles Received:	If preservation required by Login: Date/Time
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature) M. Scott	Date: 4/15/22 Time: 0900	Hold: Condition: NCF / OK

TRC Solutions - Austin, TX
505 E. Huntland Dr, Ste 250
Austin, TX 78752

Billing Information:
Accounts Payable
21 Griffin Road North
Windsor, CT 06095
apinvoiceapproval@trcsolutions.com

Pres Chk

Report to: Julie Speer

Email To: jspeer@trccompanies.com

Project Description: Artesia Spring 2022

City/State Collected: Artesia, NM

Phone: 512-684-3170
Fax:

Client Project #

Lab Project #
TRCATX-ARTESIA

Collected by (print): Scott Ude/HMI Team

Site/Facility ID #
(Navajo - Artesia)

P.O. #

Collected by (signature): Scott Ude
Immediately
Packed on Ice N ___ Y ✓

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote #

Date Results Needed

Analysis / Container / Preservative

Chain of Custody Page 24 of 25

Pace Analytical®
National Center for Testing & Innovation

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

L #

Table #

Acctnum: TRCATX
Template: T206518
Prelogin: P915556
TSR: 526
PB:

Shipped Via:

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260OXY - 40mlAmb HCl	DROLVI- 40mlAmb-HCl-BT	GRO - 40mlAmb HCl	Total/Diss. Short List Metals	Anions. TDS - 500mlHDPE-NoPres	NO2NO3 - 250mlHDPE-H2SO4	Total /Diss. Long List Metals	Cyanide - 250mlHDPEAmb-NaOH	EDB - 40mlClr-NaThio	8270DIOXANE - 100ml Amb-NoPres	Remarks	Sample # (lab only)
~~MW-67~~	Grab	GW				14	x	x	x		x	x	x	x		x		
~~MW-95~~	Grab	GW				11	x	x	x	x	x	x						
~~RW-7~~	Grab	GW				11	x	x	x	x	x	x						
~~NCL-34A~~	Grab	GW				9	x	x		x	x	x						
~~NCL-33~~	Grab	GW				9	x	x		x	x	x						
~~NCL-44~~	Grab	GW				9	x	x		x	x	x						
~~NCL-32~~	Grab	GW				9	x	x		x	x	x						
~~MW-108~~	Grab	GW				14	x	x		x	x	x			x	x		
~~NCL-31~~	Grab	GW				11	x	x		x	x	x				x		
~~MW-55~~	Grab	GW				12	x	x	x		x	x	x	x				

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

Remarks:

pH _____ Temp _____
Flow _____ Other _____

Samples returned via:
__ UPS ✓ FedEx __ Courier __ _____

Tracking #

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

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR	If preservation required by Login: Date/Time
Scott Ude	4/14/22	0700			
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: °C Bottles Received:	
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 4/15/22 Time: 0900	Hold: / Condition: NCF / OK

TRC Solutions - Austin, TX 505 E. Huntland Dr, Ste 250 Austin, TX 78752	Billing Information: Accounts Payable 21 Griffin Road North Windsor, CT 06095 apinvoiceapproval@trcsolutions.com
Report to: Julie Speer	Email To: jspeer@trccompanies.com
Project Description: Artesia Spring 2022	City/State Collected: Artesia, NM
Phone: 512-684-3170 Fax:	Client Project # Lab Project # TRCATX-ARTESIA
Collected by (print): Scott Ude/HMI Team	Site/Facility ID # (Navajo - Artesia) P.O. #
Collected by (signature): Scott Ude Immediately Packed on Ice N ___ Y ✓	*Rush?* (Lab MUST Be Notified) ___ Same Day ___ Five Day ___ Next Day ___ 5 Day (Rad Only) ___ Two Day ___ 10 Day (Rad Only) ___ Three Day Date Results Needed Quote #

Chain of Custody Page 25 of 25

Pace Analytical® National Center for Testing & Innovation

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Phone: 615-758-5858
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Fax: 615-758-5859

L #

Table #

Acctnum: TRCATX

Template: T206518

Prelogin: P915556

TSR: 526

PB:

Shipped Via:

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260OXY - 40mlAmb HCl	DROLVI- 40mlAmb-HCl-BT	GRO - 40mlAmb HCl	Total/Diss. Short List Metals	Anions. TDS - 500mlHDPE-NoPres	NO2NO3 - 250mlHDPE-H2SO4	Total /Diss. Long List Metals	Cyanide - 250mlHDPEAmb-NaOH	EDB - 40mlClr-NaThio	8270DIOXANE - 100ml Amb-NoPres	Remarks	Sample # (lab only)
~~RW-#17A~~	Grab	GW				13	x	x	x	x	x	x				x		
~~MW-18~~	Grab	GW				10	x	x			x	x	x	x				
~~MW-54A~~	Grab	GW				11	x	x		x	x	x				x		
~~NCL-49~~	Grab	GW				11	x	x		x	x	x				x		
~~MW-53R~~	Grab	GW				11	x	x		x	x	x				x		
~~DUP-NCL-01~~	Grab	GW				11	x	x		x	x	x				x		
~~EB-NCL-01~~	Grab	GW				11	x	x		x	x	x				x		
~~TRIP BLANK-NCL-01~~	Grab	GW				1	x											

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

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Samples returned via:
__ UPS ✓ FedEx __ Courier __ _____

Tracking #

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

Relinquished by : (Signature) Scott Ude	Date: 4/14/22	Time: 0700	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR	
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: °C Bottles Received:	If preservation required by Login: Date/Time
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 4/15/22 Time: 0900	Hold: Condition: NCF / OK

Released to Imaging: 10/3/2023 9:38:32 AM
Received by OCD: 6/14/2023 2:07:46 PM

Tracking Numbers	Temperature
5719 6175 3609	1.1
5719 6175 8615	4.7
5719 6175 6807	2.7
5719 6175 6840	2.5
5719 6175 2904	4.8
5719 6175 8626	4.0

5719 6175 3418 0.2
5719 6175 6494 1.6
5719 6175 6483 1.2
~~5719 6175 7435 5.1~~
5719 6175 8[illegible]4 0.2
5719 6175 6851 0.1
5719 6175 7413 0.2
5719 6175 7424 2.9

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4/15/22 - NCF L1482988 TRCATX

R5

Time estimate: oh **Time spent:** oh

Members

Matthew Shacklock (responsible) Christopher McCord EM Erica McNeese

- [x] Login Clarification needed
- [ ] Chain of custody is incomplete
- [ ] Please specify Metals requested
- [ ] Please specify TCLP requested
- [ ] Received additional samples not listed on COC
- [ ] Sample IDs on containers do not match IDs on COC
- [ ] Client did not "X" analysis
- [ ] Chain of Custody is missing
- [ ] If no COC: Received by:_____
- [ ] If no COC: Date/Time:_____
- [ ] If no COC: Temp./Cont.Rec./pH:_____
- [ ] If no COC: Carrier:_____
- [ ] If no COC: Tracking #:_____
- [ ] Client informed by call
- [x] Client informed by Email
- [ ] Client informed by Voicemail
- [x] Date/Time: 4/18/22 09:59
- [x] PM initials: CM
- [x] Client Contact: Scott Ude

Comments

Matthew Shacklock *15 April 2022 3:23 PM*

1. We did not receive RW-4.
2. We received RW-6 which crossed out on the chain. Logged the sample as RW-6. There is no time or date on the bottles.

Christopher McCord *18 April 2022 10:05 AM*

1. Containers received for RW-6 are RW-4.

Matthew Shacklock *19 April 2022 8:50 AM*

done

Received by OCD: 6/14/2023 2:07:46 PM

Released to Imaging: 10/3/2023 9:38:32 AM

Pace Analytical®

ANALYTICAL REPORT

January 23, 2023

Revised Report

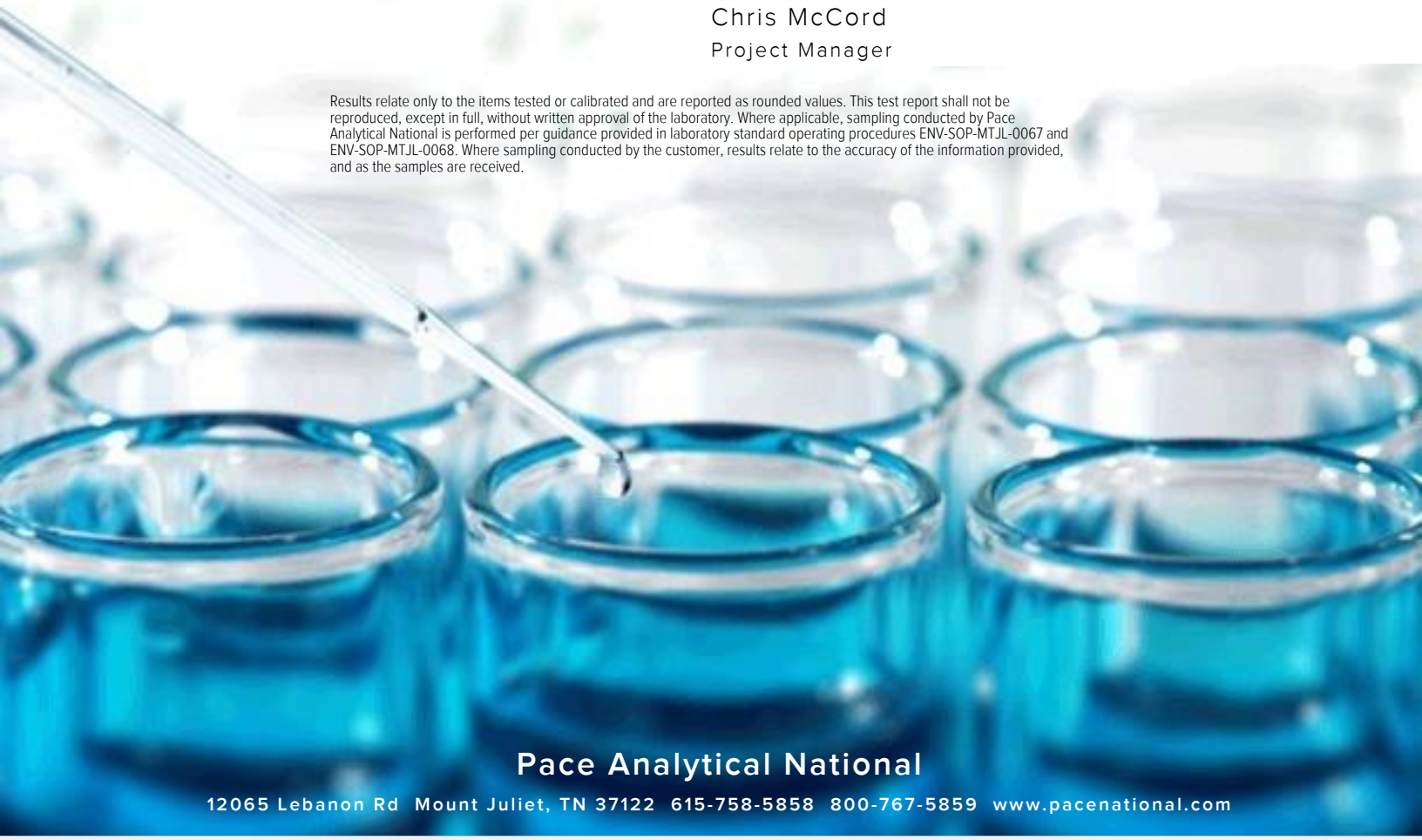
TRC Solutions - Austin, TX

Sample Delivery Group:	L1482377
Samples Received:	04/14/2022
Project Number:	
Description:	Artesia Spring 2022
Site:	(NAVAJO - ARTESIA)
Report To:	Julie Speer 505 E. Huntland Dr, Ste 250 Austin, TX 78752

Entire Report Reviewed By:

Chris McCord
Project Manager

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



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

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Released to Imaging: 10/3/2023 9:38:32 AM

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MW-122 L1482377-01 GW

Collected by: Scott Ude / HMI Team
Collected date/time: 04/12/22 17:15
Received date/time: 04/14/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG1850657	1	04/19/22 09:07	04/20/22 18:25	MMF	Mt. Juliet, TN
Gravimetric Analysis by Method 2540 C-2011	WG1860458	1	05/07/22 19:58	05/07/22 23:12	MMF	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1851011	1	04/19/22 22:15	04/19/22 22:15	CAT	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1849197	1	04/22/22 01:28	04/22/22 01:28	RAF	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1849197	100	04/22/22 01:43	04/22/22 01:43	RAF	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1849886	1	04/18/22 22:10	04/19/22 02:36	JPD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1849886	1	04/18/22 22:10	04/19/22 12:51	SJM	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850287	1	04/20/22 15:32	04/21/22 10:12	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1849514	1	04/18/22 09:06	04/18/22 09:06	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1849402	1	04/15/22 18:10	04/15/22 18:10	JCP	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG1850880	1	04/20/22 21:16	04/23/22 00:16	HLJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270 C-mod	WG1848653	1	04/16/22 00:18	04/16/22 17:18	AMG	Mt. Juliet, TN

MW-81 L1482377-02 GW

Collected by: Scott Ude / HMI Team
Collected date/time: 04/12/22 14:35
Received date/time: 04/14/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG1850657	1	04/19/22 09:07	04/20/22 18:25	MMF	Mt. Juliet, TN
Gravimetric Analysis by Method 2540 C-2011	WG1860458	1	05/07/22 19:58	05/07/22 23:12	MMF	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1851011	10	04/19/22 22:20	04/19/22 22:20	CAT	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1849197	1	04/22/22 01:58	04/22/22 01:58	RAF	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1849197	100	04/22/22 02:14	04/22/22 02:14	RAF	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1849886	1	04/18/22 22:10	04/19/22 02:39	JPD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1849886	5	04/18/22 22:10	04/19/22 12:54	SJM	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850287	1	04/20/22 15:32	04/21/22 11:03	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1849514	1	04/18/22 09:27	04/18/22 09:27	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1849402	1	04/15/22 18:30	04/15/22 18:30	JCP	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG1850880	1	04/20/22 21:16	04/22/22 00:23	DMG	Mt. Juliet, TN

MW-80 L1482377-03 GW

Collected by: Scott Ude / HMI Team
Collected date/time: 04/12/22 15:25
Received date/time: 04/14/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG1850657	1	04/19/22 09:07	04/20/22 18:25	MMF	Mt. Juliet, TN
Gravimetric Analysis by Method 2540 C-2011	WG1860458	1	05/07/22 19:58	05/07/22 23:12	MMF	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1851011	1	04/19/22 22:22	04/19/22 22:22	CAT	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1849197	1	04/22/22 02:29	04/22/22 02:29	RAF	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1849197	100	04/22/22 03:00	04/22/22 03:00	RAF	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1849886	1	04/18/22 22:10	04/19/22 02:43	JPD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1849886	1	04/18/22 22:10	04/19/22 12:57	SJM	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850287	1	04/20/22 15:32	04/21/22 11:06	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1849514	1	04/18/22 09:49	04/18/22 09:49	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1849402	1	04/15/22 18:51	04/15/22 18:51	JCP	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG1850880	1	04/20/22 21:16	04/22/22 00:49	DMG	Mt. Juliet, TN

MW-79 L1482377-04 GW

Collected by: Scott Ude / HMI Team
Collected date/time: 04/12/22 16:15
Received date/time: 04/14/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG1850657	1	04/19/22 09:07	04/20/22 18:25	MMF	Mt. Juliet, TN
Gravimetric Analysis by Method 2540 C-2011	WG1860458	1	05/07/22 19:58	05/07/22 23:12	MMF	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1851011	1	04/19/22 22:23	04/19/22 22:23	CAT	Mt. Juliet, TN

Cp
Tc
Ss
Cn
Sr
Qc
Gl
Al
Sc

MW-79 L1482377-04 GW

Collected by: Scott Ude / HMI Team
Collected date/time: 04/12/22 16:15
Received date/time: 04/14/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG1849197	1	04/22/22 04:37	04/22/22 04:37	RAF	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1849197	100	04/22/22 04:52	04/22/22 04:52	RAF	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850287	1	04/20/22 15:32	04/21/22 11:09	JPD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850307	1	04/20/22 16:02	04/21/22 15:44	LD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850307	5	04/20/22 16:02	04/21/22 16:32	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1849514	1	04/18/22 10:10	04/18/22 10:10	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1849402	1	04/15/22 19:11	04/15/22 19:11	JCP	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG1850880	1	04/20/22 21:16	04/22/22 01:14	DMG	Mt. Juliet, TN

MW-74 L1482377-05 GW

Collected by: Scott Ude / HMI Team
Collected date/time: 04/12/22 10:10
Received date/time: 04/14/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG1850657	1	04/19/22 09:07	04/20/22 18:25	MMF	Mt. Juliet, TN
Gravimetric Analysis by Method 2540 C-2011	WG1860458	1	05/07/22 19:58	05/07/22 23:12	MMF	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1851011	1	04/19/22 22:28	04/19/22 22:28	CAT	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1849197	1	04/22/22 05:07	04/22/22 05:07	RAF	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1849197	100	04/22/22 05:23	04/22/22 05:23	RAF	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850287	1	04/20/22 15:32	04/21/22 11:12	JPD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850307	1	04/20/22 16:03	04/21/22 15:58	LD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850307	5	04/20/22 16:03	04/21/22 16:36	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1849514	1	04/18/22 10:32	04/18/22 10:32	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1849402	1	04/15/22 19:31	04/15/22 19:31	JCP	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG1850880	10	04/20/22 21:16	04/23/22 01:03	HLJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270 C-mod	WG1849821	1	04/18/22 15:02	04/19/22 01:43	AMG	Mt. Juliet, TN

MW-73 L1482377-06 GW

Collected by: Scott Ude / HMI Team
Collected date/time: 04/12/22 09:25
Received date/time: 04/14/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG1850657	1	04/19/22 09:07	04/20/22 18:25	MMF	Mt. Juliet, TN
Gravimetric Analysis by Method 2540 C-2011	WG1860458	1	05/07/22 19:58	05/07/22 23:12	MMF	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1851011	1	04/19/22 22:29	04/19/22 22:29	CAT	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1849197	1	04/22/22 05:38	04/22/22 05:38	RAF	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1849197	100	04/22/22 05:53	04/22/22 05:53	RAF	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850287	1	04/20/22 15:32	04/21/22 11:16	JPD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850307	1	04/20/22 16:02	04/21/22 16:01	LD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850307	5	04/20/22 16:02	04/21/22 16:39	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1849514	1	04/18/22 10:53	04/18/22 10:53	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1849402	1	04/15/22 19:52	04/15/22 19:52	JCP	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG1850880	1	04/20/22 21:16	04/22/22 02:06	DMG	Mt. Juliet, TN

MW-2A L1482377-07 GW

Collected by: Scott Ude / HMI Team
Collected date/time: 04/12/22 13:45
Received date/time: 04/14/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG1850657	1	04/19/22 09:07	04/20/22 18:25	MMF	Mt. Juliet, TN
Gravimetric Analysis by Method 2540 C-2011	WG1860458	1	05/07/22 19:58	05/07/22 23:12	MMF	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1851011	1	04/19/22 22:33	04/19/22 22:33	CAT	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1849197	1	04/22/22 06:09	04/22/22 06:09	RAF	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1849197	100	04/22/22 06:24	04/22/22 06:24	RAF	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850287	1	04/20/22 15:32	04/21/22 11:19	JPD	Mt. Juliet, TN

MW-2A L1482377-07 GW

Collected by	Collected date/time	Received date/time
Scott Ude / HMI Team	04/12/22 13:45	04/14/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICPMS) by Method 6020	WG1850307	1	04/20/22 16:02	04/21/22 16:04	LD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850307	5	04/20/22 16:02	04/21/22 16:42	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1849514	1	04/18/22 11:15	04/18/22 11:15	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1849402	1	04/15/22 20:12	04/15/22 20:12	JCP	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG1850880	1	04/20/22 21:16	04/22/22 02:32	DMG	Mt. Juliet, TN

MW-72 L1482377-08 GW

Collected by	Collected date/time	Received date/time
Scott Ude / HMI Team	04/12/22 12:55	04/14/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG1851013	1	04/19/22 15:45	04/19/22 18:10	MMF	Mt. Juliet, TN
Gravimetric Analysis by Method 2540 C-2011	WG1860458	1	05/07/22 19:58	05/07/22 23:12	MMF	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1851011	1	04/19/22 22:34	04/19/22 22:34	CAT	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1849197	1	04/22/22 07:10	04/22/22 07:10	RAF	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1849197	100	04/22/22 07:26	04/22/22 07:26	RAF	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850287	1	04/20/22 15:32	04/21/22 11:22	JPD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850307	1	04/20/22 16:02	04/21/22 16:07	LD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850307	5	04/20/22 16:02	04/21/22 16:45	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1849514	1	04/18/22 11:36	04/18/22 11:36	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1849402	1	04/15/22 20:32	04/15/22 20:32	JCP	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG1850880	1	04/20/22 21:16	04/22/22 23:11	DMG	Mt. Juliet, TN

OCD-6 L1482377-09 GW

Collected by	Collected date/time	Received date/time
Scott Ude / HMI Team	04/12/22 12:05	04/14/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG1850657	1	04/19/22 09:07	04/20/22 18:25	MMF	Mt. Juliet, TN
Gravimetric Analysis by Method 2540 C-2011	WG1860458	1	05/07/22 19:58	05/07/22 23:12	MMF	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1851011	1	04/19/22 22:36	04/19/22 22:36	CAT	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1849197	1	04/22/22 07:41	04/22/22 07:41	RAF	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1849197	100	04/22/22 07:57	04/22/22 07:57	RAF	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850287	1	04/20/22 15:32	04/21/22 11:25	JPD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850307	1	04/20/22 16:02	04/21/22 16:19	LD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850307	5	04/20/22 16:02	04/21/22 18:40	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1849514	1	04/18/22 11:58	04/18/22 11:58	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1849402	1	04/15/22 20:53	04/15/22 20:53	JCP	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG1850880	1	04/20/22 21:16	04/23/22 00:29	DMG	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270 C-mod	WG1849821	1	04/18/22 15:02	04/19/22 02:02	AMG	Mt. Juliet, TN

OCD-7AR L1482377-10 GW

Collected by	Collected date/time	Received date/time
Scott Ude / HMI Team	04/12/22 11:10	04/14/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG1850657	1	04/19/22 09:07	04/20/22 18:25	MMF	Mt. Juliet, TN
Gravimetric Analysis by Method 2540 C-2011	WG1860458	1	05/07/22 19:58	05/07/22 23:12	MMF	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1851011	1	04/19/22 22:37	04/19/22 22:37	CAT	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1849197	1	04/22/22 08:12	04/22/22 08:12	RAF	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1849197	100	04/22/22 08:28	04/22/22 08:28	RAF	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850287	1	04/20/22 15:32	04/21/22 11:28	JPD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850307	1	04/20/22 16:02	04/21/22 16:22	LD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850307	5	04/20/22 16:02	04/21/22 18:44	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1849514	1	04/18/22 12:19	04/18/22 12:19	ACG	Mt. Juliet, TN

OCD-7AR L1482377-10 GW

Collected by: Scott Ude / HMI Team | Collected date/time: 04/12/22 11:10 | Received date/time: 04/14/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1849402	1	04/15/22 21:13	04/15/22 21:13	JCP	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG1850880	1	04/20/22 21:16	04/23/22 00:54	DMG	Mt. Juliet, TN

EB-EP-01 L1482377-11 GW

Collected by: Scott Ude / HMI Team | Collected date/time: 04/12/22 10:30 | Received date/time: 04/14/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG1850657	1	04/19/22 09:07	04/20/22 18:25	MMF	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1851011	1	04/19/22 22:38	04/19/22 22:38	CAT	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1849197	1	04/22/22 08:43	04/22/22 08:43	RAF	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850287	1	04/20/22 15:32	04/21/22 11:38	JPD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850307	1	04/20/22 16:02	04/21/22 16:26	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1849514	1	04/18/22 07:34	04/18/22 07:34	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1849402	1	04/15/22 17:29	04/15/22 17:29	JCP	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG1851590	1	04/21/22 08:34	04/22/22 14:09	HLJ	Mt. Juliet, TN

EB-EP-04 L1482377-12 GW

Collected by: Scott Ude / HMI Team | Collected date/time: 04/12/22 16:35 | Received date/time: 04/14/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG1850657	1	04/19/22 09:07	04/20/22 18:25	MMF	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1851011	1	04/19/22 22:39	04/19/22 22:39	CAT	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1849197	1	04/22/22 09:29	04/22/22 09:29	RAF	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850287	1	04/20/22 15:32	04/21/22 11:42	JPD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850307	1	04/20/22 16:02	04/21/22 16:29	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1849514	1	04/18/22 08:01	04/18/22 08:01	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1849402	1	04/15/22 17:50	04/15/22 17:50	JCP	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG1851590	1	04/21/22 08:34	04/22/22 14:33	HLJ	Mt. Juliet, TN

TRIP BLANK-EP-01 L1482377-13 GW

Collected by: Scott Ude / HMI Team | Collected date/time: 04/12/22 00:00 | Received date/time: 04/14/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1849402	1	04/15/22 17:09	04/15/22 17:09	JCP	Mt. Juliet, TN

OCD-1R L1482377-14 GW

Collected by: Scott Ude / HMI Team | Collected date/time: 04/12/22 16:35 | Received date/time: 04/14/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG1850657	1	04/19/22 09:07	04/20/22 18:25	MMF	Mt. Juliet, TN
Gravimetric Analysis by Method 2540 C-2011	WG1860458	1	05/07/22 19:58	05/07/22 23:12	MMF	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1851024	1	04/20/22 02:41	04/20/22 02:41	CAT	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1849197	1	04/22/22 10:15	04/22/22 10:15	RAF	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1849197	100	04/22/22 10:31	04/22/22 10:31	RAF	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850287	1	04/20/22 15:32	04/21/22 11:45	JPD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850307	1	04/20/22 16:02	04/21/22 16:59	LD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850307	5	04/20/22 16:02	04/21/22 18:47	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1849514	1	04/18/22 12:41	04/18/22 12:41	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1849402	1	04/15/22 21:33	04/15/22 21:33	JCP	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG1851590	1	04/21/22 08:34	04/22/22 14:56	HLJ	Mt. Juliet, TN

OCD-2A L1482377-15 GW

Collected by	Collected date/time	Received date/time
Scott Ude / HMI Team	04/12/22 15:50	04/14/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG1850657	1	04/19/22 09:07	04/20/22 18:25	MMF	Mt. Juliet, TN
Gravimetric Analysis by Method 2540 C-2011	WG1860458	1	05/07/22 19:58	05/07/22 23:12	MMF	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1851024	1	04/20/22 02:46	04/20/22 02:46	CAT	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1849197	1	04/22/22 10:46	04/22/22 10:46	RAF	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1849197	100	04/22/22 11:02	04/22/22 11:02	RAF	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850287	1	04/20/22 15:32	04/21/22 11:48	JPD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850307	1	04/20/22 16:02	04/21/22 17:02	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1849514	1	04/18/22 13:02	04/18/22 13:02	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1849402	1	04/15/22 21:53	04/15/22 21:53	JCP	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG1851590	1	04/21/22 08:34	04/22/22 15:20	HLJ	Mt. Juliet, TN

OCD-3 L1482377-16 GW

Collected by	Collected date/time	Received date/time
Scott Ude / HMI Team	04/12/22 14:15	04/14/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG1851013	1	04/19/22 15:45	04/19/22 18:10	MMF	Mt. Juliet, TN
Gravimetric Analysis by Method 2540 C-2011	WG1860458	1	05/07/22 19:58	05/07/22 23:12	MMF	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1851024	1	04/20/22 02:47	04/20/22 02:47	CAT	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1849197	1	04/22/22 11:17	04/22/22 11:17	RAF	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1849197	100	04/22/22 11:33	04/22/22 11:33	RAF	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850287	1	04/20/22 15:32	04/21/22 11:51	JPD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850307	1	04/20/22 16:02	04/21/22 17:05	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1849514	1	04/18/22 13:24	04/18/22 13:24	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1849402	1	04/15/22 22:14	04/15/22 22:14	JCP	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG1851590	1	04/21/22 08:34	04/22/22 15:43	HLJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270 C-mod	WG1849821	1	04/18/22 15:02	04/19/22 02:22	AMG	Mt. Juliet, TN

OCD-4 L1482377-17 GW

Collected by	Collected date/time	Received date/time
Scott Ude / HMI Team	04/12/22 13:30	04/14/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG1850657	1	04/19/22 09:07	04/20/22 18:25	MMF	Mt. Juliet, TN
Gravimetric Analysis by Method 2540 C-2011	WG1860458	1	05/07/22 19:58	05/07/22 23:12	MMF	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1851024	1	04/20/22 02:52	04/20/22 02:52	CAT	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1849197	1	04/22/22 11:48	04/22/22 11:48	RAF	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1849197	100	04/22/22 12:03	04/22/22 12:03	RAF	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850287	1	04/20/22 15:32	04/21/22 11:55	JPD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850307	1	04/20/22 16:02	04/21/22 17:09	LD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850307	5	04/20/22 16:02	04/21/22 18:50	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1849514	1	04/18/22 13:45	04/18/22 13:45	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1849402	1	04/15/22 22:34	04/15/22 22:34	JCP	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG1851590	1	04/21/22 08:34	04/22/22 16:06	HLJ	Mt. Juliet, TN

MW-11A L1482377-18 GW

Collected by	Collected date/time	Received date/time
Scott Ude / HMI Team	04/12/22 15:00	04/14/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG1851013	1	04/19/22 15:45	04/19/22 18:10	MMF	Mt. Juliet, TN
Gravimetric Analysis by Method 2540 C-2011	WG1860458	1	05/07/22 19:58	05/07/22 23:12	MMF	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1851024	1	04/20/22 02:54	04/20/22 02:54	CAT	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1849197	1	04/22/22 12:19	04/22/22 12:19	RAF	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1849197	100	04/22/22 12:34	04/22/22 12:34	RAF	Mt. Juliet, TN

MW-11A L1482377-18 GW

Collected by: Scott Ude / HMI Team | Collected date/time: 04/12/22 15:00 | Received date/time: 04/14/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICPMS) by Method 6020	WG1850287	1	04/20/22 15:32	04/21/22 11:58	JPD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850307	1	04/20/22 16:02	04/21/22 17:12	LD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850307	10	04/20/22 16:02	04/21/22 19:14	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1849976	1	04/18/22 10:55	04/18/22 10:55	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1849402	1	04/15/22 22:54	04/15/22 22:54	JCP	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG1851590	1	04/21/22 08:34	04/22/22 16:29	HLJ	Mt. Juliet, TN

OCD-5 L1482377-19 GW

Collected by: Scott Ude / HMI Team | Collected date/time: 04/12/22 12:40 | Received date/time: 04/14/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG1850657	1	04/19/22 09:07	04/20/22 18:25	MMF	Mt. Juliet, TN
Gravimetric Analysis by Method 2540 C-2011	WG1860458	1	05/07/22 19:58	05/07/22 23:12	MMF	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1851024	1	04/20/22 02:57	04/20/22 02:57	CAT	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1849197	1	04/22/22 13:20	04/22/22 13:20	RAF	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1849197	100	04/22/22 13:36	04/22/22 13:36	RAF	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850289	1	04/20/22 14:51	04/20/22 23:07	LD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850307	1	04/20/22 16:02	04/21/22 17:15	LD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850307	5	04/20/22 16:02	04/21/22 19:17	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1849976	1	04/18/22 11:16	04/18/22 11:16	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1849402	1	04/15/22 23:15	04/15/22 23:15	JCP	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG1851590	1	04/21/22 08:34	04/22/22 16:53	HLJ	Mt. Juliet, TN

MW-87 L1482377-20 GW

Collected by: Scott Ude / HMI Team | Collected date/time: 04/12/22 09:10 | Received date/time: 04/14/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG1850657	1	04/19/22 09:07	04/20/22 18:25	MMF	Mt. Juliet, TN
Gravimetric Analysis by Method 2540 C-2011	WG1860458	1	05/07/22 19:58	05/07/22 23:12	MMF	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1851024	1	04/20/22 02:59	04/20/22 02:59	CAT	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1849197	1	04/22/22 13:51	04/22/22 13:51	RAF	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1849197	100	04/22/22 14:07	04/22/22 14:07	RAF	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850289	1	04/20/22 14:51	04/20/22 23:20	LD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850307	1	04/20/22 16:02	04/21/22 17:19	LD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850307	5	04/20/22 16:02	04/21/22 19:21	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1849976	1	04/18/22 11:38	04/18/22 11:38	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1849402	1	04/15/22 23:35	04/15/22 23:35	JCP	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG1851590	1	04/21/22 08:34	04/23/22 03:45	HLJ	Mt. Juliet, TN

MW-18A L1482377-21 GW

Collected by: Scott Ude / HMI Team | Collected date/time: 04/12/22 09:55 | Received date/time: 04/14/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG1850657	1	04/19/22 09:07	04/20/22 18:25	MMF	Mt. Juliet, TN
Gravimetric Analysis by Method 2540 C-2011	WG1860458	1	05/07/22 19:58	05/07/22 23:12	MMF	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1851024	1	04/20/22 03:00	04/20/22 03:00	CAT	Mt. Juliet, TN
Wet Chemistry by Method 4500CN E-2011	WG1849788	1	04/18/22 20:16	04/19/22 17:19	LDT	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1849197	1	04/22/22 14:22	04/22/22 14:22	RAF	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1849197	100	04/22/22 14:37	04/22/22 14:37	RAF	Mt. Juliet, TN
Mercury by Method 7470A	WG1848992	1	04/26/22 08:06	04/27/22 11:00	ABL	Mt. Juliet, TN
Mercury by Method 7470A	WG1848996	1	04/26/22 08:01	04/27/22 09:35	ABL	Mt. Juliet, TN
Metals (ICP) by Method 6010B	WG1850351	1	04/19/22 22:26	04/22/22 16:25	CCE	Mt. Juliet, TN

MW-18A L1482377-21 GW

Collected by: Scott Ude / HMI Team | Collected date/time: 04/12/22 09:55 | Received date/time: 04/14/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICP) by Method 6010B	WG1850365	1	04/20/22 19:22	04/22/22 18:49	ZSA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850289	1	04/20/22 14:51	04/20/22 23:24	LD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850307	1	04/20/22 16:02	04/21/22 17:22	LD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850307	1	04/20/22 16:02	04/21/22 21:48	LD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850307	5	04/20/22 16:02	04/21/22 19:24	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1850078	1	04/18/22 21:59	04/18/22 21:59	ADM	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG1851590	1	04/21/22 08:34	04/22/22 17:40	HLJ	Mt. Juliet, TN

MW-70 L1482377-22 GW

Collected by: Scott Ude / HMI Team | Collected date/time: 04/12/22 11:50 | Received date/time: 04/14/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG1850657	1	04/19/22 09:07	04/20/22 18:25	MMF	Mt. Juliet, TN
Gravimetric Analysis by Method 2540 C-2011	WG1860458	1	05/07/22 19:58	05/07/22 23:12	MMF	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1851024	1	04/20/22 03:01	04/20/22 03:01	CAT	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1849430	10	04/15/22 22:40	04/15/22 22:40	LBR	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1849430	100	04/15/22 22:56	04/15/22 22:56	LBR	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850289	1	04/20/22 14:51	04/20/22 23:27	LD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850307	1	04/20/22 16:02	04/21/22 17:25	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1849976	1	04/18/22 11:59	04/18/22 11:59	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1849425	1	04/15/22 20:56	04/15/22 20:56	JAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1850078	1	04/18/22 22:19	04/18/22 22:19	ADM	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG1851590	1	04/21/22 08:34	04/22/22 18:04	HLJ	Mt. Juliet, TN

MW-124 L1482377-23 GW

Collected by: Scott Ude / HMI Team | Collected date/time: 04/12/22 11:00 | Received date/time: 04/14/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG1851013	1	04/19/22 15:45	04/19/22 18:10	MMF	Mt. Juliet, TN
Gravimetric Analysis by Method 2540 C-2011	WG1860458	1	05/07/22 19:58	05/07/22 23:12	MMF	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1851024	1	04/20/22 03:03	04/20/22 03:03	CAT	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1849430	10	04/15/22 23:13	04/15/22 23:13	LBR	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1849430	100	04/15/22 23:29	04/15/22 23:29	LBR	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850289	1	04/20/22 14:51	04/20/22 23:30	LD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850307	1	04/20/22 16:02	04/21/22 18:34	LD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850307	5	04/20/22 16:02	04/21/22 19:27	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1849976	1	04/18/22 12:21	04/18/22 12:21	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1849425	1	04/15/22 21:17	04/15/22 21:17	JAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1850078	1	04/18/22 22:40	04/18/22 22:40	ADM	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG1851590	1	04/21/22 08:34	04/22/22 18:27	HLJ	Mt. Juliet, TN

EB-EP-02 L1482377-24 GW

Collected by: Scott Ude / HMI Team | Collected date/time: 04/12/22 11:15 | Received date/time: 04/14/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG1850657	1	04/19/22 09:07	04/20/22 18:25	MMF	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1851024	1	04/20/22 03:04	04/20/22 03:04	CAT	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1849430	1	04/15/22 23:45	04/15/22 23:45	LBR	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850289	1	04/20/22 14:51	04/20/22 23:57	LD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850307	1	04/20/22 16:02	04/21/22 18:37	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1849976	1	04/18/22 10:11	04/18/22 10:11	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1849425	1	04/15/22 19:31	04/15/22 19:31	JAH	Mt. Juliet, TN

EB-EP-02 L1482377-24 GW

Collected by: Scott Ude / HMI Team | Collected date/time: 04/12/22 11:15 | Received date/time: 04/14/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG1851590	1	04/21/22 08:34	04/22/22 18:50	HLJ	Mt. Juliet, TN

TRIP BLANK-EP-03 L1482377-25 GW

Collected by: Scott Ude / HMI Team | Collected date/time: 04/12/22 00:00 | Received date/time: 04/14/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1849425	1	04/15/22 18:48	04/15/22 18:48	JAH	Mt. Juliet, TN

NP-1 L1482377-26 GW

Collected by: Scott Ude / HMI Team | Collected date/time: 04/12/22 16:25 | Received date/time: 04/14/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG1851013	1	04/19/22 15:45	04/19/22 18:10	MMF	Mt. Juliet, TN
Gravimetric Analysis by Method 2540 C-2011	WG1860459	1	05/07/22 19:57	05/08/22 03:19	MMF	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1851024	1	04/20/22 03:29	04/20/22 03:29	CAT	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1849430	10	04/16/22 01:24	04/16/22 01:24	LBR	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1849430	100	04/16/22 01:40	04/16/22 01:40	LBR	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850315	1	04/20/22 16:00	04/21/22 13:48	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1849425	1	04/16/22 01:12	04/16/22 01:12	JAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1850078	20	04/19/22 00:23	04/19/22 00:23	ADM	Mt. Juliet, TN
EDB / DBCP by Method 8011	WG1850030	1.06	04/18/22 09:16	04/19/22 00:10	HLA	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270 C-mod	WG1849044	1	04/17/22 01:20	04/17/22 14:52	JNJ	Mt. Juliet, TN

MW-8 L1482377-27 GW

Collected by: Scott Ude / HMI Team | Collected date/time: 04/12/22 17:00 | Received date/time: 04/14/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG1850657	1	04/19/22 09:07	04/20/22 18:25	MMF	Mt. Juliet, TN
Gravimetric Analysis by Method 2540 C-2011	WG1860459	1	05/07/22 19:57	05/08/22 03:19	MMF	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1851024	10	04/20/22 03:31	04/20/22 03:31	CAT	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1849430	10	04/16/22 01:57	04/16/22 01:57	LBR	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1849430	100	04/16/22 02:21	04/16/22 02:21	LBR	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850289	1	04/20/22 14:51	04/21/22 00:00	LD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850315	1	04/20/22 16:00	04/21/22 14:01	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1849976	1	04/18/22 12:42	04/18/22 12:42	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1849425	1	04/15/22 21:38	04/15/22 21:38	JAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1850078	1	04/18/22 23:01	04/18/22 23:01	ADM	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG1851590	1	04/21/22 08:34	04/22/22 19:13	HLJ	Mt. Juliet, TN

MW-21 L1482377-28 GW

Collected by: Scott Ude / HMI Team | Collected date/time: 04/12/22 16:05 | Received date/time: 04/14/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG1850669	1	04/19/22 09:14	04/19/22 14:44	MMF	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1851024	10	04/20/22 03:32	04/20/22 03:32	CAT	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1849430	10	04/16/22 02:37	04/16/22 02:37	LBR	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1849430	100	04/16/22 02:53	04/16/22 02:53	LBR	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850289	1	04/20/22 14:51	04/21/22 00:04	LD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850315	1	04/20/22 16:00	04/21/22 14:05	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1849976	1	04/18/22 13:04	04/18/22 13:04	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1849425	1	04/16/22 01:33	04/16/22 01:33	JAH	Mt. Juliet, TN

MW-21 L1482377-28 GW

Collected by: Scott Ude / HMI Team | Collected date/time: 04/12/22 16:05 | Received date/time: 04/14/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG1851590	1	04/21/22 08:34	04/22/22 19:37	HLJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270 C-mod	WG1849044	1	04/17/22 01:20	04/17/22 15:11	JNJ	Mt. Juliet, TN

MW-71 L1482377-29 GW

Collected by: Scott Ude / HMI Team | Collected date/time: 04/12/22 15:40 | Received date/time: 04/14/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG1850669	1	04/19/22 09:14	04/19/22 14:44	MMF	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1851024	10	04/20/22 03:40	04/20/22 03:40	CAT	Mt. Juliet, TN
Wet Chemistry by Method 4500CN E-2011	WG1849788	1	04/18/22 20:16	04/19/22 17:20	LDT	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1849430	10	04/16/22 03:10	04/16/22 03:10	LBR	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1849430	100	04/16/22 03:26	04/16/22 03:26	LBR	Mt. Juliet, TN
Mercury by Method 7470A	WG1848992	1	04/26/22 08:06	04/27/22 11:03	ABL	Mt. Juliet, TN
Mercury by Method 7470A	WG1848996	1	04/26/22 08:01	04/27/22 09:38	ABL	Mt. Juliet, TN
Metals (ICP) by Method 6010B	WG1850351	1	04/19/22 22:26	04/22/22 16:28	CCE	Mt. Juliet, TN
Metals (ICP) by Method 6010B	WG1850365	1	04/20/22 19:22	04/22/22 18:52	ZSA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850289	1	04/20/22 14:51	04/21/22 00:07	LD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850315	1	04/20/22 16:00	04/21/22 14:08	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1849425	1	04/15/22 22:00	04/15/22 22:00	JAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1850078	1	04/18/22 23:22	04/18/22 23:22	ADM	Mt. Juliet, TN
EDB / DBCP by Method 8011	WG1850030	1	04/18/22 09:16	04/19/22 00:22	HLA	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG1851590	1	04/21/22 08:34	04/22/22 20:00	HLJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270 C-mod	WG1849044	1	04/17/22 01:20	04/17/22 15:30	JNJ	Mt. Juliet, TN

MW-68 L1482377-30 GW

Collected by: Scott Ude / HMI Team | Collected date/time: 04/12/22 09:05 | Received date/time: 04/14/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG1849369	1	04/15/22 16:15	04/15/22 18:51	MMF	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1851024	1	04/20/22 03:34	04/20/22 03:34	CAT	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1849614	1	04/16/22 15:46	04/16/22 15:46	LBR	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1849614	100	04/16/22 16:03	04/16/22 16:03	LBR	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850289	1	04/20/22 14:51	04/21/22 00:10	LD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850315	1	04/20/22 16:00	04/21/22 14:11	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1849425	1	04/15/22 22:21	04/15/22 22:21	JAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1850518	1	04/19/22 02:05	04/19/22 02:05	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG1851590	1	04/21/22 08:34	04/22/22 20:24	HLJ	Mt. Juliet, TN

MW-27 L1482377-31 GW

Collected by: Scott Ude / HMI Team | Collected date/time: 04/12/22 09:55 | Received date/time: 04/14/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG1850669	1	04/19/22 09:14	04/19/22 14:44	MMF	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1851024	1	04/20/22 03:36	04/20/22 03:36	CAT	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1849430	1	04/16/22 11:55	04/16/22 11:55	LBR	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1849430	20	04/16/22 12:44	04/16/22 12:44	LBR	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850289	1	04/20/22 14:51	04/21/22 00:14	LD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850315	1	04/20/22 16:00	04/21/22 14:21	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1849425	1	04/15/22 22:43	04/15/22 22:43	JAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1850518	1	04/19/22 02:26	04/19/22 02:26	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG1851590	1	04/21/22 08:34	04/22/22 20:47	HLJ	Mt. Juliet, TN

MW-89 L1482377-32 GW

Collected by: Scott Ude / HMI Team
Collected date/time: 04/12/22 11:35
Received date/time: 04/14/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG1850669	1	04/19/22 09:14	04/19/22 14:44	MMF	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1851024	1	04/20/22 03:37	04/20/22 03:37	CAT	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1849430	10	04/16/22 03:43	04/16/22 03:43	LBR	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1849430	100	04/16/22 03:59	04/16/22 03:59	LBR	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850289	1	04/20/22 14:51	04/21/22 00:17	LD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850315	1	04/20/22 16:00	04/21/22 14:25	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1849425	1	04/15/22 23:04	04/15/22 23:04	JAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1850518	1	04/19/22 01:43	04/19/22 01:43	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG1854506	1	04/26/22 16:36	04/27/22 08:37	MWS	Mt. Juliet, TN

MW-16 L1482377-33 GW

Collected by: Scott Ude / HMI Team
Collected date/time: 04/12/22 12:30
Received date/time: 04/14/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG1851013	1	04/19/22 15:45	04/19/22 18:10	MMF	Mt. Juliet, TN
Gravimetric Analysis by Method 2540 C-2011	WG1860459	1	05/07/22 19:57	05/08/22 03:19	MMF	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1851024	1	04/20/22 03:38	04/20/22 03:38	CAT	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1849430	10	04/16/22 04:48	04/16/22 04:48	LBR	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1849430	100	04/16/22 05:05	04/16/22 05:05	LBR	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850289	1	04/20/22 14:51	04/21/22 00:20	LD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850315	1	04/20/22 16:00	04/21/22 14:28	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1849425	1	04/15/22 23:25	04/15/22 23:25	JAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1850518	1	04/19/22 01:21	04/19/22 01:21	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG1854506	1	04/26/22 16:36	04/27/22 08:57	MWS	Mt. Juliet, TN

MW-26 L1482377-34 GW

Collected by: Scott Ude / HMI Team
Collected date/time: 04/12/22 10:45
Received date/time: 04/14/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG1851013	1	04/19/22 15:45	04/19/22 18:10	MMF	Mt. Juliet, TN
Gravimetric Analysis by Method 2540 C-2011	WG1860459	1	05/07/22 19:57	05/08/22 03:19	MMF	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1851025	1	04/20/22 18:43	04/20/22 18:43	CAT	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1849430	10	04/16/22 05:21	04/16/22 05:21	LBR	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1849430	100	04/16/22 05:37	04/16/22 05:37	LBR	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850289	1	04/20/22 14:51	04/21/22 00:24	LD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850315	1	04/20/22 16:00	04/21/22 14:31	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1849425	1	04/15/22 23:47	04/15/22 23:47	JAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1850518	1	04/19/22 01:00	04/19/22 01:00	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG1854506	1	04/26/22 16:36	04/27/22 09:17	MWS	Mt. Juliet, TN

TRIP BLANK-TMD-01 L1482377-35 GW

Collected by: Scott Ude / HMI Team
Collected date/time: 04/12/22 00:00
Received date/time: 04/14/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1849425	1	04/15/22 19:10	04/15/22 19:10	JAH	Mt. Juliet, TN

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

MW-117 L1482377-36 GW

Collected by: Scott Ude / HMI Team | Collected date/time: 04/12/22 14:05 | Received date/time: 04/14/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG1850669	1	04/19/22 09:14	04/19/22 14:44	MMF	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1851025	1	04/20/22 18:48	04/20/22 18:48	CAT	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1849430	10	04/16/22 05:54	04/16/22 05:54	LBR	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1849430	100	04/16/22 06:10	04/16/22 06:10	LBR	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850289	1	04/20/22 14:51	04/21/22 00:27	LD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850315	1	04/20/22 16:00	04/21/22 14:34	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1849976	1	04/18/22 13:25	04/18/22 13:25	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1849425	1	04/16/22 00:08	04/16/22 00:08	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG1854506	1	04/26/22 16:36	04/27/22 09:37	MWS	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270 C-mod	WG1849044	1	04/17/22 01:20	04/17/22 15:49	JNJ	Mt. Juliet, TN

MW-118 L1482377-37 GW

Collected by: Scott Ude / HMI Team | Collected date/time: 04/12/22 13:20 | Received date/time: 04/14/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG1850669	1	04/19/22 09:14	04/19/22 14:44	MMF	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1851025	1	04/20/22 18:50	04/20/22 18:50	CAT	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1849430	10	04/16/22 06:27	04/16/22 06:27	LBR	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1849430	100	04/16/22 06:43	04/16/22 06:43	LBR	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850289	1	04/20/22 14:51	04/21/22 00:37	LD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850315	1	04/20/22 16:00	04/21/22 14:38	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1849976	1	04/18/22 13:47	04/18/22 13:47	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1849425	1	04/16/22 00:29	04/16/22 00:29	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG1854506	1	04/26/22 16:36	04/27/22 09:57	MWS	Mt. Juliet, TN

MW-119 L1482377-38 GW

Collected by: Scott Ude / HMI Team | Collected date/time: 04/12/22 12:35 | Received date/time: 04/14/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG1850669	1	04/19/22 09:14	04/19/22 14:44	MMF	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1851025	1	04/20/22 18:51	04/20/22 18:51	CAT	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1849430	10	04/16/22 06:59	04/16/22 06:59	LBR	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1849430	100	04/16/22 07:16	04/16/22 07:16	LBR	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850289	1	04/20/22 14:51	04/21/22 00:41	LD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850315	1	04/20/22 16:00	04/21/22 14:41	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1849976	1	04/18/22 14:09	04/18/22 14:09	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1849446	1	04/16/22 05:32	04/16/22 05:32	ADM	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG1854506	1	04/26/22 16:36	04/27/22 10:17	MWS	Mt. Juliet, TN

MW-136 L1482377-39 GW

Collected by: Scott Ude / HMI Team | Collected date/time: 04/12/22 12:50 | Received date/time: 04/14/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG1850669	1	04/19/22 09:14	04/19/22 14:44	MMF	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1851025	10	04/20/22 18:56	04/20/22 18:56	CAT	Mt. Juliet, TN
Wet Chemistry by Method 4500CN E-2011	WG1849788	1	04/18/22 20:16	04/19/22 17:21	LDT	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1849430	10	04/16/22 08:05	04/16/22 08:05	LBR	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1849430	100	04/16/22 08:22	04/16/22 08:22	LBR	Mt. Juliet, TN
Mercury by Method 7470A	WG1848992	1	04/26/22 08:06	04/27/22 11:05	ABL	Mt. Juliet, TN
Mercury by Method 7470A	WG1848996	1	04/26/22 08:01	04/27/22 09:40	ABL	Mt. Juliet, TN
Metals (ICP) by Method 6010B	WG1850351	1	04/19/22 22:26	04/22/22 16:31	CCE	Mt. Juliet, TN
Metals (ICP) by Method 6010B	WG1850365	1	04/20/22 19:22	04/22/22 18:55	ZSA	Mt. Juliet, TN

MW-136 L1482377-39 GW

Collected by: Scott Ude / HMI Team | Collected date/time: 04/12/22 12:50 | Received date/time: 04/14/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICPMS) by Method 6020	WG1850289	1	04/20/22 14:51	04/21/22 00:45	LD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850315	1	04/20/22 16:00	04/21/22 14:44	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1849976	1	04/18/22 14:30	04/18/22 14:30	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1849446	1	04/16/22 05:50	04/16/22 05:50	ADM	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG1854506	1	04/26/22 16:36	04/27/22 10:37	MWS	Mt. Juliet, TN

MW-126B L1482377-40 GW

Collected by: Scott Ude / HMI Team | Collected date/time: 04/12/22 11:10 | Received date/time: 04/14/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG1850669	1	04/19/22 09:14	04/19/22 14:44	MMF	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1851025	1	04/20/22 18:57	04/20/22 18:57	CAT	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1849430	10	04/16/22 08:38	04/16/22 08:38	LBR	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1849430	100	04/16/22 08:54	04/16/22 08:54	LBR	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850289	1	04/20/22 14:51	04/21/22 00:48	LD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850315	1	04/20/22 16:00	04/21/22 14:48	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1849976	1	04/18/22 14:52	04/18/22 14:52	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1849446	1	04/16/22 06:09	04/16/22 06:09	ADM	Mt. Juliet, TN
EDB / DBCP by Method 8011	WG1850030	1.01	04/18/22 09:16	04/19/22 00:33	HLA	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG1854506	1	04/26/22 16:36	04/27/22 10:57	MWS	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270 C-mod	WG1849044	1	04/17/22 01:20	04/17/22 16:08	JNJ	Mt. Juliet, TN

MW-57 L1482377-41 GW

Collected by: Scott Ude / HMI Team | Collected date/time: 04/12/22 11:35 | Received date/time: 04/14/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG1850669	1	04/19/22 09:14	04/19/22 14:44	MMF	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1851025	1	04/20/22 19:01	04/20/22 19:01	CAT	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1849430	10	04/16/22 09:11	04/16/22 09:11	LBR	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1849430	100	04/16/22 09:27	04/16/22 09:27	LBR	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850289	1	04/20/22 14:51	04/21/22 00:51	LD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850315	1	04/20/22 16:00	04/21/22 15:11	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1849976	1	04/18/22 15:41	04/18/22 15:41	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1849446	1	04/16/22 06:28	04/16/22 06:28	ADM	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG1854506	1	04/26/22 16:36	04/27/22 11:18	MWS	Mt. Juliet, TN

KWB-12B L1482377-42 GW

Collected by: Scott Ude / HMI Team | Collected date/time: 04/12/22 10:25 | Received date/time: 04/14/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG1850669	1	04/19/22 09:14	04/19/22 14:44	MMF	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1851025	5	04/20/22 19:02	04/20/22 19:02	CAT	Mt. Juliet, TN
Wet Chemistry by Method 4500CN E-2011	WG1849788	1	04/18/22 20:16	04/19/22 17:22	LDT	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1849430	10	04/16/22 09:44	04/16/22 09:44	LBR	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1849430	100	04/16/22 10:00	04/16/22 10:00	LBR	Mt. Juliet, TN
Mercury by Method 7470A	WG1848992	1	04/26/22 08:06	04/27/22 11:07	ABL	Mt. Juliet, TN
Mercury by Method 7470A	WG1848996	1	04/26/22 08:01	04/27/22 09:42	ABL	Mt. Juliet, TN
Metals (ICP) by Method 6010B	WG1850351	1	04/19/22 22:26	04/22/22 16:34	CCE	Mt. Juliet, TN
Metals (ICP) by Method 6010B	WG1850365	1	04/20/22 19:22	04/22/22 18:58	ZSA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850291	1	04/20/22 13:07	04/20/22 23:11	JPD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850315	1	04/20/22 16:00	04/21/22 15:14	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1849976	1	04/18/22 16:03	04/18/22 16:03	ACG	Mt. Juliet, TN

KWB-12B L1482377-42 GW

Collected by: Scott Ude / HMI Team
Collected date/time: 04/12/22 10:25
Received date/time: 04/14/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1849446	1	04/16/22 06:48	04/16/22 06:48	ADM	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG1854506	1	04/26/22 16:36	04/27/22 11:38	MWS	Mt. Juliet, TN

KWB-13 L1482377-43 GW

Collected by: Scott Ude / HMI Team
Collected date/time: 04/12/22 14:00
Received date/time: 04/14/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG1850669	1	04/19/22 09:14	04/19/22 14:44	MMF	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1851025	10	04/20/22 19:04	04/20/22 19:04	CAT	Mt. Juliet, TN
Wet Chemistry by Method 4500CN E-2011	WG1849788	1	04/18/22 20:16	04/19/22 17:25	LDT	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1849430	10	04/16/22 10:16	04/16/22 10:16	LBR	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1849430	100	04/16/22 10:33	04/16/22 10:33	LBR	Mt. Juliet, TN
Mercury by Method 7470A	WG1848992	1	04/26/22 08:06	04/27/22 11:09	ABL	Mt. Juliet, TN
Mercury by Method 7470A	WG1848996	1	04/26/22 08:01	04/27/22 09:44	ABL	Mt. Juliet, TN
Metals (ICP) by Method 6010B	WG1850351	1	04/19/22 22:26	04/22/22 16:38	CCE	Mt. Juliet, TN
Metals (ICP) by Method 6010B	WG1850365	1	04/20/22 19:22	04/22/22 19:01	ZSA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850291	1	04/20/22 13:07	04/20/22 23:24	JPD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850315	1	04/20/22 16:00	04/21/22 15:18	JPD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1852739	1	04/22/22 10:41	04/22/22 17:57	SJM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1849446	1	04/16/22 07:07	04/16/22 07:07	ADM	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG1854506	1	04/26/22 16:36	04/27/22 11:58	MWS	Mt. Juliet, TN

DUP-REST-05 L1482377-44 GW

Collected by: Scott Ude / HMI Team
Collected date/time: 04/12/22 12:00
Received date/time: 04/14/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG1850669	1	04/19/22 09:14	04/19/22 14:44	MMF	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1851025	5	04/20/22 19:05	04/20/22 19:05	CAT	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1849430	10	04/16/22 11:22	04/16/22 11:22	LBR	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1849430	100	04/16/22 11:38	04/16/22 11:38	LBR	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850291	1	04/20/22 13:07	04/20/22 23:27	JPD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850315	1	04/20/22 16:00	04/21/22 15:21	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1849976	1	04/18/22 16:24	04/18/22 16:24	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1849446	1	04/16/22 07:26	04/16/22 07:26	ADM	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG1854506	1	04/26/22 16:36	04/27/22 12:18	MWS	Mt. Juliet, TN

EB-REST-05 L1482377-45 GW

Collected by: Scott Ude / HMI Team
Collected date/time: 04/12/22 10:45
Received date/time: 04/14/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG1849369	1	04/15/22 16:15	04/15/22 18:51	MMF	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1851025	1	04/20/22 19:06	04/20/22 19:06	CAT	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1849614	1	04/16/22 16:20	04/16/22 16:20	LBR	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850291	1	04/20/22 13:07	04/20/22 23:31	JPD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850315	1	04/20/22 16:00	04/21/22 15:24	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1849976	1	04/18/22 10:33	04/18/22 10:33	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1849446	1	04/16/22 03:38	04/16/22 03:38	ADM	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG1854506	1	04/26/22 16:36	04/27/22 12:38	MWS	Mt. Juliet, TN

MW-116 L1482377-46 GW

Collected by: Scott Ude / HMI Team
Collected date/time: 04/12/22 16:00
Received date/time: 04/14/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG1850669	1	04/19/22 09:14	04/19/22 14:44	MMF	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1851025	1	04/20/22 19:07	04/20/22 19:07	CAT	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1849614	1	04/16/22 17:25	04/16/22 17:25	LBR	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1849614	100	04/16/22 17:42	04/16/22 17:42	LBR	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850291	1	04/20/22 13:07	04/20/22 23:34	JPD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850315	1	04/20/22 16:00	04/21/22 15:28	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1849976	1	04/18/22 16:46	04/18/22 16:46	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1849446	1	04/16/22 07:45	04/16/22 07:45	ADM	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG1854506	1	04/26/22 16:36	04/27/22 12:58	MWS	Mt. Juliet, TN

MW-46R L1482377-47 GW

Collected by: Scott Ude / HMI Team
Collected date/time: 04/12/22 16:55
Received date/time: 04/14/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG1850669	1	04/19/22 09:14	04/19/22 14:44	MMF	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1851025	1	04/20/22 19:13	04/20/22 19:13	CAT	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1849614	1	04/16/22 18:31	04/16/22 18:31	LBR	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1849614	100	04/16/22 18:47	04/16/22 18:47	LBR	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850291	1	04/20/22 13:07	04/20/22 23:44	JPD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850318	1	04/20/22 11:58	04/20/22 19:03	JPD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1852739	1	04/22/22 10:41	04/22/22 18:00	SJM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1849446	1	04/16/22 08:03	04/16/22 08:03	ADM	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG1854506	1	04/26/22 16:36	04/27/22 17:51	MWS	Mt. Juliet, TN

MW-145 L1482377-48 GW

Collected by: Scott Ude / HMI Team
Collected date/time: 04/12/22 10:05
Received date/time: 04/14/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG1850669	1	04/19/22 09:14	04/19/22 14:44	MMF	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1849614	1	04/16/22 19:04	04/16/22 19:04	LBR	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1849614	100	04/16/22 19:20	04/16/22 19:20	LBR	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850291	1	04/20/22 13:07	04/20/22 23:47	JPD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850318	1	04/20/22 11:58	04/20/22 19:16	JPD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1852739	1	04/22/22 10:41	04/22/22 18:10	SJM	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1849976	1	04/18/22 17:07	04/18/22 17:07	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1849446	1	04/16/22 08:23	04/16/22 08:23	ADM	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG1854506	1	04/26/22 16:36	04/27/22 18:11	MWS	Mt. Juliet, TN

MW-146 L1482377-49 GW

Collected by: Scott Ude / HMI Team
Collected date/time: 04/12/22 11:00
Received date/time: 04/14/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG1849369	1	04/15/22 16:15	04/15/22 18:51	MMF	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1849614	1	04/16/22 19:37	04/16/22 19:37	LBR	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1849614	100	04/16/22 19:53	04/16/22 19:53	LBR	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850291	1	04/20/22 13:07	04/20/22 23:50	JPD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850318	1	04/20/22 11:58	04/20/22 19:19	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1849976	1	04/18/22 17:29	04/18/22 17:29	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1849446	1	04/16/22 08:42	04/16/22 08:42	ADM	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG1854506	1	04/26/22 16:36	04/27/22 18:31	MWS	Mt. Juliet, TN

MW-135 L1482377-50 GW

Collected by: Scott Ude / HMI Team
Collected date/time: 04/12/22 12:25
Received date/time: 04/14/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG1850669	1	04/19/22 09:14	04/19/22 14:44	MMF	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1851025	10	04/20/22 19:14	04/20/22 19:14	CAT	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1849614	1	04/16/22 20:09	04/16/22 20:09	LBR	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1849614	100	04/16/22 20:26	04/16/22 20:26	LBR	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850291	1	04/20/22 13:07	04/20/22 23:53	JPD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850318	1	04/20/22 11:58	04/20/22 19:23	JPD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1852739	1	04/22/22 10:41	04/22/22 18:14	SJM	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1850042	1	04/18/22 15:52	04/18/22 15:52	BMB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1849454	1	04/16/22 08:59	04/16/22 08:59	BMB	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG1854506	1	04/26/22 16:36	04/27/22 18:51	MWS	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270 C-mod	WG1849044	1	04/17/22 01:20	04/17/22 16:27	JNJ	Mt. Juliet, TN

MW-147 L1482377-51 GW

Collected by: Scott Ude / HMI Team
Collected date/time: 04/12/22 13:20
Received date/time: 04/14/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG1850669	1	04/19/22 09:14	04/19/22 14:44	MMF	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1849614	1	04/16/22 20:42	04/16/22 20:42	LBR	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1849614	100	04/16/22 20:59	04/16/22 20:59	LBR	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850291	1	04/20/22 13:07	04/20/22 23:57	JPD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850318	1	04/20/22 11:58	04/20/22 19:26	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1850042	1	04/18/22 16:15	04/18/22 16:15	BMB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1849454	1	04/16/22 09:19	04/16/22 09:19	BMB	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG1854506	1	04/26/22 16:36	04/27/22 19:11	MWS	Mt. Juliet, TN

MW-148 L1482377-52 GW

Collected by: Scott Ude / HMI Team
Collected date/time: 04/12/22 14:10
Received date/time: 04/14/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG1850669	1	04/19/22 09:14	04/19/22 14:44	MMF	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1849614	1	04/16/22 21:48	04/16/22 21:48	LBR	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1849614	100	04/16/22 22:04	04/16/22 22:04	LBR	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850291	1	04/20/22 13:07	04/21/22 00:00	JPD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850318	1	04/20/22 11:58	04/20/22 21:01	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1850042	1	04/18/22 16:39	04/18/22 16:39	BMB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1849454	1	04/16/22 09:40	04/16/22 09:40	BMB	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG1854506	1	04/26/22 16:36	04/27/22 19:31	MWS	Mt. Juliet, TN

DUP-REST-04 L1482377-53 GW

Collected by: Scott Ude / HMI Team
Collected date/time: 04/12/22 12:00
Received date/time: 04/14/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG1851013	1	04/19/22 15:45	04/19/22 18:10	MMF	Mt. Juliet, TN
Gravimetric Analysis by Method 2540 C-2011	WG1860459	1	05/07/22 19:57	05/08/22 03:19	MMF	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1849614	1	04/16/22 22:21	04/16/22 22:21	LBR	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1849614	100	04/16/22 22:37	04/16/22 22:37	LBR	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850291	1	04/20/22 13:07	04/21/22 00:03	JPD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850318	1	04/20/22 11:58	04/20/22 19:49	JPD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1852739	1	04/22/22 10:41	04/22/22 18:17	SJM	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1850042	1	04/18/22 17:03	04/18/22 17:03	BMB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1849454	1	04/16/22 10:00	04/16/22 10:00	BMB	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG1854255	1	04/26/22 13:04	04/27/22 03:28	HLJ	Mt. Juliet, TN

EB-REST-04 L1482377-54 GW

Collected by: Scott Ude / HMI Team
Collected date/time: 04/12/22 11:15
Received date/time: 04/14/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG1850669	1	04/19/22 09:14	04/19/22 14:44	MMF	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1849614	1	04/16/22 22:53	04/16/22 22:53	LBR	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850291	1	04/20/22 13:07	04/21/22 00:06	JPD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850318	1	04/20/22 11:58	04/20/22 19:52	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1850042	1	04/18/22 15:04	04/18/22 15:04	BMB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1849454	1	04/16/22 08:18	04/16/22 08:18	BMB	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG1854255	1	04/26/22 13:04	04/27/22 03:51	HLJ	Mt. Juliet, TN

TRIP BLANK-REST-03 L1482377-55 GW

Collected by: Scott Ude / HMI Team
Collected date/time: 04/12/22 00:00
Received date/time: 04/14/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1849454	1	04/16/22 07:37	04/16/22 07:37	BMB	Mt. Juliet, TN

MW-62 L1482377-56 GW

Collected by: Scott Ude / HMI Team
Collected date/time: 04/12/22 13:05
Received date/time: 04/14/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG1851047	1	04/19/22 15:56	04/19/22 18:52	MMF	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1851025	20	04/20/22 19:15	04/20/22 19:15	CAT	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1849614	1	04/16/22 23:43	04/16/22 23:43	LBR	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1849614	20	04/16/22 23:59	04/16/22 23:59	LBR	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850291	1	04/20/22 13:07	04/21/22 00:10	JPD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850318	1	04/20/22 11:58	04/20/22 19:55	JPD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1852739	1	04/22/22 10:41	04/22/22 18:20	SJM	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1850042	100	04/18/22 22:36	04/18/22 22:36	BMB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1849454	50	04/16/22 12:03	04/16/22 12:03	BMB	Mt. Juliet, TN
EDB / DBCP by Method 8011	WG1850030	1	04/18/22 09:16	04/19/22 00:45	HLA	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG1854255	1	04/26/22 13:04	04/27/22 04:14	DMG	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270 C-mod	WG1849044	1	04/17/22 01:20	04/17/22 16:47	JNJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C	WG1850340	5	04/19/22 14:35	04/20/22 18:10	BJP	Mt. Juliet, TN

MW-62R L1482377-57 GW

Collected by: Scott Ude / HMI Team
Collected date/time: 04/12/22 14:05
Received date/time: 04/14/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG1851047	1	04/19/22 15:56	04/19/22 18:52	MMF	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1851025	20	04/20/22 19:16	04/20/22 19:16	CAT	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1849614	1	04/17/22 00:15	04/17/22 00:15	LBR	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1849614	10	04/17/22 01:05	04/17/22 01:05	LBR	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850291	1	04/20/22 13:07	04/21/22 00:13	JPD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850318	1	04/20/22 11:58	04/20/22 19:59	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1850042	1	04/18/22 17:27	04/18/22 17:27	BMB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1849454	10	04/16/22 12:24	04/16/22 12:24	BMB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1851218	100	04/20/22 19:46	04/20/22 19:46	ACG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG1854255	1	04/26/22 13:04	04/27/22 04:37	HLJ	Mt. Juliet, TN

TEL-4 L1482377-58 GW

Collected by: Scott Ude / HMI Team | Collected date/time: 04/12/22 09:25 | Received date/time: 04/14/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG1851047	1	04/19/22 15:56	04/19/22 18:52	MMF	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1851025	10	04/20/22 19:18	04/20/22 19:18	CAT	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1849614	1	04/17/22 01:21	04/17/22 01:21	LBR	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1849614	100	04/17/22 01:37	04/17/22 01:37	LBR	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850291	1	04/20/22 13:07	04/21/22 00:26	JPD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850318	1	04/20/22 11:58	04/20/22 20:02	JPD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1852739	1	04/22/22 10:41	04/22/22 18:23	SJM	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1850042	1	04/18/22 17:50	04/18/22 17:50	BMB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1849454	1	04/16/22 10:21	04/16/22 10:21	BMB	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG1854255	1	04/26/22 13:04	04/27/22 17:00	HLJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270 C-mod	WG1849044	1	04/17/22 01:20	04/17/22 17:06	JNJ	Mt. Juliet, TN

MW-98 L1482377-59 GW

Collected by: Scott Ude / HMI Team | Collected date/time: 04/12/22 10:35 | Received date/time: 04/14/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG1851013	1	04/19/22 15:45	04/19/22 18:10	MMF	Mt. Juliet, TN
Gravimetric Analysis by Method 2540 C-2011	WG1860459	1	05/07/22 19:57	05/08/22 03:19	MMF	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1851025	50	04/20/22 19:19	04/20/22 19:19	CAT	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1849614	1	04/17/22 01:54	04/17/22 01:54	LBR	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1849614	100	04/17/22 02:10	04/17/22 02:10	LBR	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850291	1	04/20/22 13:07	04/21/22 00:29	JPD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850318	1	04/20/22 11:58	04/20/22 20:05	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1850042	20	04/18/22 22:11	04/18/22 22:11	BMB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1849454	50	04/16/22 12:44	04/16/22 12:44	BMB	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG1854255	1	04/26/22 13:04	04/27/22 09:45	HLJ	Mt. Juliet, TN

MW-42 L1482377-60 GW

Collected by: Scott Ude / HMI Team | Collected date/time: 04/12/22 16:00 | Received date/time: 04/14/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG1851013	1	04/19/22 15:45	04/19/22 18:10	MMF	Mt. Juliet, TN
Gravimetric Analysis by Method 2540 C-2011	WG1860459	1	05/07/22 19:57	05/08/22 03:19	MMF	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1851025	10	04/20/22 19:20	04/20/22 19:20	CAT	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1849614	1	04/17/22 02:27	04/17/22 02:27	LBR	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1849614	100	04/17/22 02:43	04/17/22 02:43	LBR	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850291	1	04/20/22 13:07	04/21/22 00:32	JPD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850318	1	04/20/22 11:58	04/20/22 20:09	JPD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1852739	1	04/22/22 10:41	04/22/22 18:27	SJM	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1850042	1	04/18/22 18:14	04/18/22 18:14	BMB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1849454	5	04/16/22 13:05	04/16/22 13:05	BMB	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG1854255	1	04/26/22 13:04	04/27/22 21:19	HLJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270 C-mod	WG1849044	1	04/17/22 01:20	04/17/22 17:25	JNJ	Mt. Juliet, TN

MW-29 L1482377-61 GW

Collected by: Scott Ude / HMI Team | Collected date/time: 04/12/22 14:55 | Received date/time: 04/14/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG1851047	1	04/19/22 15:56	04/19/22 18:52	MMF	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1851025	1	04/20/22 19:22	04/20/22 19:22	CAT	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1849614	1	04/17/22 02:59	04/17/22 02:59	LBR	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1849614	100	04/17/22 03:16	04/17/22 03:16	LBR	Mt. Juliet, TN

MW-29 L1482377-61 GW

Collected by: Scott Ude / HMI Team | Collected date/time: 04/12/22 14:55 | Received date/time: 04/14/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICPMS) by Method 6020	WG1850291	1	04/20/22 13:07	04/21/22 00:36	JPD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850318	1	04/20/22 11:58	04/20/22 20:12	JPD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1852739	1	04/22/22 10:41	04/22/22 18:30	SJM	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1850042	1	04/18/22 18:38	04/18/22 18:38	BMB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1849454	1	04/16/22 10:41	04/16/22 10:41	BMB	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG1854255	1	04/26/22 13:04	04/27/22 21:43	HLJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270 C-mod	WG1849044	1	04/17/22 01:20	04/17/22 17:44	JNJ	Mt. Juliet, TN

DUP-TEL-01 L1482377-62 GW

Collected by: Scott Ude / HMI Team | Collected date/time: 04/12/22 08:00 | Received date/time: 04/14/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG1851047	1	04/19/22 15:56	04/19/22 18:52	MMF	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1851464	10	04/20/22 21:45	04/20/22 21:45	CAT	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1849614	1	04/17/22 03:32	04/17/22 03:32	LBR	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1849614	50	04/17/22 04:22	04/17/22 04:22	LBR	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850291	1	04/20/22 13:07	04/21/22 00:39	JPD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850318	1	04/20/22 11:58	04/20/22 20:15	JPD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1852739	1	04/22/22 10:41	04/22/22 18:33	SJM	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1850042	1	04/18/22 19:02	04/18/22 19:02	BMB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1849454	5	04/16/22 13:25	04/16/22 13:25	BMB	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG1854255	1	04/26/22 13:04	04/27/22 10:08	HLJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270 C-mod	WG1849044	1	04/17/22 01:20	04/17/22 18:03	JNJ	Mt. Juliet, TN

EB-TEL-01 L1482377-63 GW

Collected by: Scott Ude / HMI Team | Collected date/time: 04/12/22 09:40 | Received date/time: 04/14/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG1852062	1	04/21/22 09:06	04/21/22 16:36	MMF	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1851464	1	04/20/22 21:46	04/20/22 21:46	CAT	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1849614	1	04/17/22 04:38	04/17/22 04:38	LBR	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850292	1	04/20/22 05:18	04/20/22 13:33	JPD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850318	1	04/20/22 11:58	04/20/22 20:41	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1850042	1	04/18/22 15:28	04/18/22 15:28	BMB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1849454	1	04/16/22 08:38	04/16/22 08:38	BMB	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG1854255	1	04/26/22 13:04	04/27/22 10:31	HLJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270 C-mod	WG1849044	1	04/17/22 01:20	04/17/22 18:22	JNJ	Mt. Juliet, TN

TRIP BLANK-TEL-01 L1482377-64 GW

Collected by: Scott Ude / HMI Team | Collected date/time: 04/12/22 00:00 | Received date/time: 04/14/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1849454	1	04/16/22 07:58	04/16/22 07:58	BMB	Mt. Juliet, TN

MW-139 L1482377-65 GW

Collected by: Scott Ude / HMI Team | Collected date/time: 04/12/22 14:10 | Received date/time: 04/14/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG1851047	1	04/19/22 15:56	04/19/22 18:52	MMF	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1851464	1	04/20/22 21:51	04/20/22 21:51	CAT	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1849614	1	04/17/22 04:54	04/17/22 04:54	LBR	Mt. Juliet, TN

MW-139 L1482377-65 GW

Collected by: Scott Ude / HMI Team
Collected date/time: 04/12/22 14:10
Received date/time: 04/14/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG1849614	100	04/17/22 05:11	04/17/22 05:11	LBR	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850292	1	04/20/22 05:18	04/20/22 14:42	JPD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850318	1	04/20/22 11:58	04/20/22 20:45	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1850042	1	04/18/22 19:25	04/18/22 19:25	BMB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1849454	1	04/16/22 11:02	04/16/22 11:02	BMB	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG1854255	1	04/26/22 13:04	04/28/22 20:56	MWS	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270 C-mod	WG1849044	1	04/17/22 01:20	04/17/22 18:41	JNJ	Mt. Juliet, TN

MW-50 L1482377-66 GW

Collected by: Scott Ude / HMI Team
Collected date/time: 04/12/22 13:00
Received date/time: 04/14/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG1851013	1	04/19/22 15:45	04/19/22 18:10	MMF	Mt. Juliet, TN
Gravimetric Analysis by Method 2540 C-2011	WG1860459	1	05/07/22 19:57	05/08/22 03:19	MMF	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1851464	5	04/20/22 21:52	04/20/22 21:52	CAT	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1849899	100	04/18/22 02:03	04/18/22 02:03	LBR	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1849899	5	04/18/22 01:48	04/18/22 01:48	LBR	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850292	1	04/20/22 05:18	04/20/22 14:45	JPD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850318	1	04/20/22 11:58	04/20/22 20:48	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1849454	1	04/16/22 11:23	04/16/22 11:23	BMB	Mt. Juliet, TN
EDB / DBCP by Method 8011	WG1850030	1.09	04/18/22 09:16	04/19/22 00:57	HLA	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG1854255	1	04/26/22 13:04	04/28/22 20:36	MWS	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270 C-mod	WG1849044	1	04/17/22 01:20	04/17/22 19:00	JNJ	Mt. Juliet, TN

MW-90 L1482377-67 GW

Collected by: Scott Ude / HMI Team
Collected date/time: 04/12/22 13:10
Received date/time: 04/14/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG1849632	1	04/16/22 13:07	04/16/22 15:07	MMF	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1851464	20	04/20/22 21:57	04/20/22 21:57	CAT	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1849899	5	04/18/22 02:19	04/18/22 02:19	LBR	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1849899	50	04/18/22 02:34	04/18/22 02:34	LBR	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850292	1	04/20/22 05:18	04/20/22 14:49	JPD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850318	1	04/20/22 11:58	04/20/22 20:52	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1850042	1	04/18/22 19:49	04/18/22 19:49	BMB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1851218	1	04/20/22 20:26	04/20/22 20:26	ACG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG1854255	1	04/26/22 13:04	04/27/22 18:34	HLJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270 C-mod	WG1849044	1	04/17/22 01:20	04/17/22 19:19	JNJ	Mt. Juliet, TN

MW-96 L1482377-68 GW

Collected by: Scott Ude / HMI Team
Collected date/time: 04/12/22 12:00
Received date/time: 04/14/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG1851013	1	04/19/22 15:45	04/19/22 18:10	MMF	Mt. Juliet, TN
Gravimetric Analysis by Method 2540 C-2011	WG1860459	1	05/07/22 19:57	05/08/22 03:19	MMF	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1851464	20	04/20/22 21:59	04/20/22 21:59	CAT	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1849899	1	04/18/22 02:50	04/18/22 02:50	LBR	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1849899	5	04/18/22 03:36	04/18/22 03:36	LBR	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850292	1	04/20/22 05:18	04/20/22 14:52	JPD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850318	1	04/20/22 11:58	04/20/22 20:55	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1850042	10	04/18/22 21:48	04/18/22 21:48	BMB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1849454	10	04/16/22 14:07	04/16/22 14:07	BMB	Mt. Juliet, TN

MW-96 L1482377-68 GW

Collected by: Scott Ude / HMI Team | Collected date/time: 04/12/22 12:00 | Received date/time: 04/14/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1851218	500	04/20/22 20:06	04/20/22 20:06	ACG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG1854255	1	04/26/22 13:04	04/27/22 18:58	HLJ	Mt. Juliet, TN

NCL-33 L1482377-69 GW

Collected by: Scott Ude / HMI Team | Collected date/time: 04/12/22 11:45 | Received date/time: 04/14/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG1851013	1	04/19/22 15:45	04/19/22 18:10	MMF	Mt. Juliet, TN
Gravimetric Analysis by Method 2540 C-2011	WG1860459	1	05/07/22 19:57	05/08/22 03:19	MMF	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1851464	1	04/20/22 22:00	04/20/22 22:00	CAT	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1849899	1	04/18/22 03:51	04/18/22 03:51	LBR	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1849899	20	04/18/22 04:07	04/18/22 04:07	LBR	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850292	1	04/20/22 05:18	04/20/22 14:56	JPD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850320	1	04/20/22 16:05	04/21/22 10:24	SJM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1849454	1	04/16/22 11:43	04/16/22 11:43	BMB	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG1854255	2	04/26/22 13:04	04/28/22 21:57	MWS	Mt. Juliet, TN

NCL-44 L1482377-70 GW

Collected by: Scott Ude / HMI Team | Collected date/time: 04/12/22 10:10 | Received date/time: 04/14/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG1851047	1	04/19/22 15:56	04/19/22 18:52	MMF	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1851464	1	04/20/22 22:01	04/20/22 22:01	CAT	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1849899	1	04/18/22 04:22	04/18/22 04:22	LBR	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1849899	20	04/18/22 04:38	04/18/22 04:38	LBR	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850292	1	04/20/22 05:18	04/20/22 14:59	JPD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850320	1	04/20/22 16:05	04/21/22 10:37	SJM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1849458	1	04/16/22 16:32	04/16/22 16:32	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG1854255	1	04/26/22 13:04	04/28/22 21:37	MWS	Mt. Juliet, TN

NCL-32 L1482377-71 GW

Collected by: Scott Ude / HMI Team | Collected date/time: 04/12/22 11:00 | Received date/time: 04/14/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG1849632	1	04/16/22 13:07	04/16/22 15:07	MMF	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1851464	1	04/20/22 22:05	04/20/22 22:05	CAT	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1849899	1	04/18/22 04:53	04/18/22 04:53	LBR	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1849899	20	04/18/22 05:08	04/18/22 05:08	LBR	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850292	1	04/20/22 05:18	04/20/22 15:02	JPD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850320	1	04/20/22 16:05	04/21/22 10:40	SJM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1849458	1	04/16/22 16:53	04/16/22 16:53	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG1854255	1	04/26/22 13:04	04/28/22 21:16	MWS	Mt. Juliet, TN

MW-108 L1482377-72 GW

Collected by: Scott Ude / HMI Team | Collected date/time: 04/12/22 11:00 | Received date/time: 04/14/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG1851013	1	04/19/22 15:45	04/19/22 18:10	MMF	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1851464	20	04/20/22 22:06	04/20/22 22:06	CAT	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1849899	1	04/18/22 05:24	04/18/22 05:24	LBR	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1849899	20	04/18/22 05:39	04/18/22 05:39	LBR	Mt. Juliet, TN

SAMPLE SUMMARY

MW-108 L1482377-72 GW

Collected by: Scott Ude / HMI Team | Collected date/time: 04/12/22 11:00 | Received date/time: 04/14/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICPMS) by Method 6020	WG1850292	1	04/20/22 05:18	04/20/22 15:06	JPD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850320	1	04/20/22 16:05	04/21/22 10:44	SJM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1850722	1	04/19/22 11:22	04/19/22 11:22	ACG	Mt. Juliet, TN
EDB / DBCP by Method 8011	WG1850030	1.01	04/18/22 09:16	04/19/22 01:08	HLA	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG1854255	1	04/26/22 13:04	04/27/22 20:32	HLJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270 C-mod	WG1849044	1	04/17/22 01:20	04/17/22 19:38	JNJ	Mt. Juliet, TN

NCL-31 L1482377-73 GW

Collected by: Scott Ude / HMI Team | Collected date/time: 04/12/22 15:35 | Received date/time: 04/14/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG1849632	1	04/16/22 13:07	04/16/22 15:07	MMF	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1851464	1	04/20/22 22:08	04/20/22 22:08	CAT	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1849899	1	04/18/22 05:55	04/18/22 05:55	LBR	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1849899	20	04/18/22 06:41	04/18/22 06:41	LBR	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850292	1	04/20/22 05:18	04/20/22 15:09	JPD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850320	1	04/20/22 16:05	04/21/22 10:47	SJM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1849458	1	04/16/22 17:14	04/16/22 17:14	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG1854255	1	04/26/22 13:04	04/28/22 20:16	MWS	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270 C-mod	WG1849044	1	04/17/22 01:20	04/17/22 19:57	JNJ	Mt. Juliet, TN

MW-55 L1482377-74 GW

Collected by: Scott Ude / HMI Team | Collected date/time: 04/12/22 14:15 | Received date/time: 04/14/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG1849632	1	04/16/22 13:07	04/16/22 15:07	MMF	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1851464	1	04/20/22 22:09	04/20/22 22:09	CAT	Mt. Juliet, TN
Wet Chemistry by Method 4500CN E-2011	WG1849788	1	04/18/22 20:16	04/19/22 17:26	LDT	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1849899	1	04/18/22 06:56	04/18/22 06:56	LBR	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1849899	20	04/18/22 07:12	04/18/22 07:12	LBR	Mt. Juliet, TN
Mercury by Method 7470A	WG1848992	1	04/26/22 08:06	04/27/22 11:12	ABL	Mt. Juliet, TN
Mercury by Method 7470A	WG1848996	1	04/26/22 08:01	04/27/22 09:47	ABL	Mt. Juliet, TN
Metals (ICP) by Method 6010B	WG1850351	1	04/19/22 22:26	04/22/22 16:41	CCE	Mt. Juliet, TN
Metals (ICP) by Method 6010B	WG1850365	1	04/20/22 19:22	04/22/22 19:04	ZSA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850292	1	04/20/22 05:18	04/20/22 15:19	JPD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850320	1	04/20/22 16:05	04/21/22 11:06	SJM	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1850042	1	04/18/22 20:13	04/18/22 20:13	BMB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1849458	10	04/16/22 21:31	04/16/22 21:31	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG1854255	1	04/26/22 13:04	04/27/22 20:56	HLJ	Mt. Juliet, TN

MW-18 L1482377-75 GW

Collected by: Scott Ude / HMI Team | Collected date/time: 04/12/22 12:30 | Received date/time: 04/14/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG1849632	1	04/16/22 13:07	04/16/22 15:07	MMF	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1851464	10	04/20/22 22:14	04/20/22 22:14	CAT	Mt. Juliet, TN
Wet Chemistry by Method 4500CN E-2011	WG1849788	1	04/18/22 20:16	04/19/22 17:28	LDT	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1849899	1	04/18/22 07:27	04/18/22 07:27	LBR	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1849899	20	04/18/22 07:43	04/18/22 07:43	LBR	Mt. Juliet, TN
Mercury by Method 7470A	WG1848992	1	04/26/22 08:06	04/27/22 11:14	ABL	Mt. Juliet, TN
Mercury by Method 7470A	WG1848996	1	04/26/22 08:01	04/27/22 09:49	ABL	Mt. Juliet, TN
Metals (ICP) by Method 6010B	WG1850351	1	04/19/22 22:26	04/22/22 16:44	CCE	Mt. Juliet, TN

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

MW-18 L1482377-75 GW

Collected by: Scott Ude / HMI Team
Collected date/time: 04/12/22 12:30
Received date/time: 04/14/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICP) by Method 6010B	WG1850365	1	04/20/22 19:22	04/22/22 19:07	ZSA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850292	1	04/20/22 05:18	04/20/22 15:23	JPD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850320	1	04/20/22 16:05	04/21/22 11:09	SJM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1849458	1	04/16/22 17:36	04/16/22 17:36	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG1851996	1	04/21/22 16:28	04/23/22 12:56	JDG	Mt. Juliet, TN

MW-54A L1482377-76 GW

Collected by: Scott Ude / HMI Team
Collected date/time: 04/12/22 15:50
Received date/time: 04/14/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG1849369	1	04/15/22 16:15	04/15/22 18:51	MMF	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1851464	1	04/20/22 22:15	04/20/22 22:15	CAT	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1849899	1	04/18/22 07:58	04/18/22 07:58	LBR	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1849899	50	04/18/22 08:13	04/18/22 08:13	LBR	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850292	1	04/20/22 05:18	04/20/22 15:26	JPD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850320	1	04/20/22 16:05	04/21/22 11:13	SJM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1849458	1	04/16/22 17:57	04/16/22 17:57	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG1851996	1	04/21/22 16:28	04/23/22 13:16	JDG	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270 C-mod	WG1849044	1	04/17/22 01:20	04/17/22 20:17	JNJ	Mt. Juliet, TN

NCL-49 L1482377-77 GW

Collected by: Scott Ude / HMI Team
Collected date/time: 04/12/22 13:25
Received date/time: 04/14/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG1851047	1	04/19/22 15:56	04/19/22 18:52	MMF	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1851464	10	04/20/22 22:16	04/20/22 22:16	CAT	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1849899	100	04/18/22 08:44	04/18/22 08:44	LBR	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1849899	5	04/18/22 08:29	04/18/22 08:29	LBR	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850292	1	04/20/22 05:18	04/20/22 15:30	JPD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850320	1	04/20/22 16:05	04/21/22 11:16	SJM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1849458	1	04/16/22 18:19	04/16/22 18:19	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG1851996	1	04/21/22 16:28	04/23/22 13:36	JDG	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270 C-mod	WG1849044	1	04/17/22 01:20	04/17/22 20:36	JNJ	Mt. Juliet, TN

MW-53R L1482377-78 GW

Collected by: Scott Ude / HMI Team
Collected date/time: 04/12/22 14:30
Received date/time: 04/14/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG1851013	1	04/19/22 15:45	04/19/22 18:10	MMF	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1851464	1	04/20/22 22:18	04/20/22 22:18	CAT	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1849899	1	04/18/22 09:00	04/18/22 09:00	LBR	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1849899	50	04/18/22 09:46	04/18/22 09:46	LBR	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850292	1	04/20/22 05:18	04/20/22 15:33	JPD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850320	1	04/20/22 16:05	04/21/22 11:19	SJM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1849458	1	04/16/22 18:40	04/16/22 18:40	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG1851996	1	04/21/22 16:28	04/23/22 13:56	JDG	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270 C-mod	WG1849821	1	04/18/22 15:02	04/19/22 01:05	AMG	Mt. Juliet, TN

DUP-NCL-01 L1482377-79 GW

Collected by: Scott Ude / HMI Team
Collected date/time: 04/12/22 10:00
Received date/time: 04/14/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG1851047	1	04/19/22 15:56	04/19/22 18:52	MMF	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1851464	10	04/20/22 22:19	04/20/22 22:19	CAT	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1849899	100	04/18/22 10:18	04/18/22 10:18	LBR	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1849899	5	04/18/22 10:01	04/18/22 10:01	LBR	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850292	1	04/20/22 05:18	04/20/22 15:37	JPD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850320	1	04/20/22 16:05	04/21/22 11:22	SJM	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850320	1	04/20/22 16:05	04/21/22 11:50	SJM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1849458	1	04/16/22 19:01	04/16/22 19:01	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG1851996	1	04/21/22 16:28	04/23/22 14:16	JDG	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270 C-mod	WG1849821	1	04/18/22 15:02	04/19/22 02:41	AMG	Mt. Juliet, TN

EB-NCL-01 L1482377-80 GW

Collected by: Scott Ude / HMI Team
Collected date/time: 04/12/22 13:45
Received date/time: 04/14/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG1851047	1	04/19/22 15:56	04/19/22 18:52	MMF	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1851464	1	04/20/22 22:20	04/20/22 22:20	CAT	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1849899	1	04/18/22 10:33	04/18/22 10:33	LBR	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850292	1	04/20/22 05:18	04/20/22 15:40	JPD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1850320	1	04/20/22 16:05	04/21/22 11:26	SJM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1849458	1	04/16/22 16:10	04/16/22 16:10	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG1851996	1	04/21/22 16:28	04/23/22 14:36	JDG	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270 C-mod	WG1849821	1	04/18/22 15:02	04/19/22 03:00	AMG	Mt. Juliet, TN

TRIP BLANK-NCL-01 L1482377-81 GW

Collected by: Scott Ude / HMI Team
Collected date/time: 04/12/22 00:00
Received date/time: 04/14/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1849458	1	04/16/22 14:45	04/16/22 14:45	JAH	Mt. Juliet, TN

TRIP BLANK-REST-02 L1482377-83 GW

Collected by: Scott Ude / HMI Team
Collected date/time: 04/12/22 00:00
Received date/time: 04/14/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1849458	1	04/16/22 15:06	04/16/22 15:06	JAH	Mt. Juliet, TN

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.



Chris McCord
Project Manager

Report Revision History

Level II Report - Version 1: 05/16/22 22:50

Project Narrative

TDS is reporting outside of the 7-day hold time on several samples in this report. The initial in-hold results are lower than expected based on the relationship between TDS, Anions/Cations, and Specific Conductance and out-of-hold analyses confirms this assumption. The lab feels that the low bias seen in the in-hold analyses is due to the samples not fully adjusting to room temperature before being filtered. In some cases, samples that have high concentrations of Dissolved Sodium, Calcium, Sulfates, and Chlorides will have a low bias if the samples do not reach room temperature because these compounds can become trapped in the filter and not pass through during the filtration process. Both in-hold and out-of-hold results are being reported on these samples.

1/20/23: Revised to add corrected COC and remove W qualifier on -75.

Sample Delivery Group (SDG) Narrative

pH outside of method requirement.

Lab Sample ID	Project Sample ID	Method
L1482377-56	MW-62	3511/8015
L1482377-57	MW-62R	3511/8015
L1482377-58	TEL-4	3511/8015
L1482377-60	MW-42	3511/8015
L1482377-61	MW-29	3511/8015
L1482377-62	DUP-TEL-01	3511/8015
L1482377-65	MW-139	3511/8015
L1482377-66	MW-50	3511/8015
L1482377-67	MW-90	3511/8015
L1482377-68	MW-96	3511/8015
L1482377-69	NCL-33	3511/8015
L1482377-72	MW-108	3511/8015
L1482377-74	MW-55	3511/8015

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	2190		100	1	04/20/2022 18:25	WG1850657
Dissolved Solids	4090	Q	100	1	05/07/2022 23:12	WG1860458

Wet Chemistry by Method 353.2

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	0.0631	J P1	0.0500	0.100	1	04/19/2022 22:15	WG1851011

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	940		37.9	100	100	04/22/2022 01:43	WG1849197
Fluoride	2.28		0.0640	0.150	1	04/22/2022 01:28	WG1849197
Sulfate	1520		59.4	500	100	04/22/2022 01:43	WG1849197

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00179	J	0.000180	0.00200	1	04/19/2022 02:36	WG1849886
Arsenic,Dissolved	0.00158	J	0.000180	0.00200	1	04/21/2022 10:12	WG1850287
Barium	0.0204		0.000381	0.00200	1	04/19/2022 02:36	WG1849886
Barium,Dissolved	0.0192		0.000381	0.00200	1	04/21/2022 10:12	WG1850287
Calcium	350		0.0936	1.00	1	04/19/2022 02:36	WG1849886
Chromium	0.00182	J	0.00124	0.00200	1	04/19/2022 02:36	WG1849886
Chromium,Dissolved	U		0.00124	0.00200	1	04/21/2022 10:12	WG1850287
Iron	1.18		0.0281	0.100	1	04/19/2022 02:36	WG1849886
Iron,Dissolved	0.941		0.0281	0.100	1	04/21/2022 10:12	WG1850287
Lead	U		0.000849	0.00200	1	04/19/2022 02:36	WG1849886
Lead,Dissolved	U		0.000849	0.00200	1	04/21/2022 10:12	WG1850287
Manganese	0.451		0.000704	0.00500	1	04/19/2022 02:36	WG1849886
Manganese,Dissolved	0.423		0.000704	0.00500	1	04/21/2022 10:12	WG1850287
Potassium	3.57		0.108	2.00	1	04/19/2022 02:36	WG1849886
Selenium	U		0.000300	0.00200	1	04/19/2022 02:36	WG1849886
Selenium,Dissolved	U		0.000300	0.00200	1	04/21/2022 10:12	WG1850287
Sodium	714		0.376	2.00	1	04/19/2022 12:51	WG1849886

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	0.0541	B J	0.0314	0.100	1	04/18/2022 09:06	WG1849514
(S) a,a,a-Trifluorotoluene(FID)	*98.1*			*78.0-120*		*04/18/2022 09:06*	WG1849514

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/15/2022 18:10	WG1849402
Benzene	U		0.0000941	0.00100	1	04/15/2022 18:10	WG1849402
Bromodichloromethane	U		0.000136	0.00100	1	04/15/2022 18:10	WG1849402
Bromoform	U		0.000129	0.00100	1	04/15/2022 18:10	WG1849402
Bromomethane	U		0.000605	0.00500	1	04/15/2022 18:10	WG1849402
n-Butylbenzene	U		0.000157	0.00100	1	04/15/2022 18:10	WG1849402
sec-Butylbenzene	U		0.000125	0.00100	1	04/15/2022 18:10	WG1849402
Carbon disulfide	U		0.0000962	0.00100	1	04/15/2022 18:10	WG1849402

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Carbon tetrachloride	U		0.000128	0.00100	1	04/15/2022 18:10	WG1849402
Chlorobenzene	U		0.000116	0.00100	1	04/15/2022 18:10	WG1849402
Chlorodibromomethane	U		0.000140	0.00100	1	04/15/2022 18:10	WG1849402
Chloroethane	U		0.000192	0.00500	1	04/15/2022 18:10	WG1849402
Chloroform	U		0.000111	0.00500	1	04/15/2022 18:10	WG1849402
Chloromethane	U		0.000960	0.00250	1	04/15/2022 18:10	WG1849402
1,2-Dibromoethane	U		0.000126	0.00100	1	04/15/2022 18:10	WG1849402
1,1-Dichloroethane	U		0.000100	0.00100	1	04/15/2022 18:10	WG1849402
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/15/2022 18:10	WG1849402
1,1-Dichloroethene	U		0.000188	0.00100	1	04/15/2022 18:10	WG1849402
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/15/2022 18:10	WG1849402
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/15/2022 18:10	WG1849402
1,2-Dichloropropane	U		0.000149	0.00100	1	04/15/2022 18:10	WG1849402
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/15/2022 18:10	WG1849402
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/15/2022 18:10	WG1849402
Ethylbenzene	U		0.000137	0.00100	1	04/15/2022 18:10	WG1849402
Isopropylbenzene	U		0.000105	0.00100	1	04/15/2022 18:10	WG1849402
p-Isopropyltoluene	U		0.000120	0.00100	1	04/15/2022 18:10	WG1849402
2-Butanone (MEK)	U		0.00119	0.0100	1	04/15/2022 18:10	WG1849402
2-Hexanone	U		0.000787	0.0100	1	04/15/2022 18:10	WG1849402
Methylene Chloride	U		0.000430	0.00500	1	04/15/2022 18:10	WG1849402
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/15/2022 18:10	WG1849402
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/15/2022 18:10	WG1849402
Naphthalene	U		0.00100	0.00500	1	04/15/2022 18:10	WG1849402
n-Propylbenzene	U		0.0000993	0.00100	1	04/15/2022 18:10	WG1849402
Styrene	U		0.000118	0.00100	1	04/15/2022 18:10	WG1849402
tert-Butyl alcohol	U		0.00406	0.00500	1	04/15/2022 18:10	WG1849402
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/15/2022 18:10	WG1849402
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/15/2022 18:10	WG1849402
Tetrachloroethene	U		0.000300	0.00100	1	04/15/2022 18:10	WG1849402
Toluene	U		0.000278	0.00100	1	04/15/2022 18:10	WG1849402
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/15/2022 18:10	WG1849402
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/15/2022 18:10	WG1849402
Trichloroethene	U		0.000190	0.00100	1	04/15/2022 18:10	WG1849402
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/15/2022 18:10	WG1849402
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/15/2022 18:10	WG1849402
Vinyl chloride	U		0.000234	0.00100	1	04/15/2022 18:10	WG1849402
o-Xylene	U		0.000174	0.00100	1	04/15/2022 18:10	WG1849402
m&p-Xylene	U		0.000430	0.00200	1	04/15/2022 18:10	WG1849402
Xylenes, Total	U		0.000174	0.00300	1	04/15/2022 18:10	WG1849402
(S) Toluene-d8	*103*			*80.0-120*		*04/15/2022 18:10*	WG1849402
(S) 4-Bromofluorobenzene	*98.3*			*77.0-126*		*04/15/2022 18:10*	WG1849402
(S) 1,2-Dichloroethane-d4	*116*			*70.0-130*		*04/15/2022 18:10*	WG1849402

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.202	B	0.0247	0.100	1	04/23/2022 00:16	WG1850880
(S) o-Terphenyl	*101*			*31.0-160*		*04/23/2022 00:16*	WG1850880

Semi Volatile Organic Compounds (GC/MS) by Method 8270 C-mod

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,4-Dioxane	U		0.0000447	0.000400	1	04/16/2022 17:18	WG1848653
(S) Nitrobenzene-d5	*57.5*			*10.0-120*		*04/16/2022 17:18*	WG1848653

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	3200		100	1	04/20/2022 18:25	WG1850657
Dissolved Solids	4930	Q	100	1	05/07/2022 23:12	WG1860458

Wet Chemistry by Method 353.2

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	8.37		0.500	1.00	10	04/19/2022 22:20	WG1851011

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	1010		37.9	100	100	04/22/2022 02:14	WG1849197
Fluoride	6.19		0.0640	0.150	1	04/22/2022 01:58	WG1849197
Sulfate	2010		59.4	500	100	04/22/2022 02:14	WG1849197

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00621		0.000180	0.00200	1	04/19/2022 02:39	WG1849886
Arsenic,Dissolved	0.00596		0.000180	0.00200	1	04/21/2022 11:03	WG1850287
Barium	0.0141		0.000381	0.00200	1	04/19/2022 02:39	WG1849886
Barium,Dissolved	0.0134		0.000381	0.00200	1	04/21/2022 11:03	WG1850287
Calcium	449		0.0936	1.00	1	04/19/2022 02:39	WG1849886
Chromium	U		0.00124	0.00200	1	04/19/2022 02:39	WG1849886
Chromium,Dissolved	U		0.00124	0.00200	1	04/21/2022 11:03	WG1850287
Iron	0.0450	J	0.0281	0.100	1	04/19/2022 02:39	WG1849886
Iron,Dissolved	U		0.0281	0.100	1	04/21/2022 11:03	WG1850287
Lead	U		0.000849	0.00200	1	04/19/2022 02:39	WG1849886
Lead,Dissolved	U		0.000849	0.00200	1	04/21/2022 11:03	WG1850287
Manganese	0.0213		0.000704	0.00500	1	04/19/2022 02:39	WG1849886
Manganese,Dissolved	0.0526		0.000704	0.00500	1	04/21/2022 11:03	WG1850287
Potassium	6.31		0.108	2.00	1	04/19/2022 02:39	WG1849886
Selenium	0.0120		0.000300	0.00200	1	04/19/2022 02:39	WG1849886
Selenium,Dissolved	0.0116		0.000300	0.00200	1	04/21/2022 11:03	WG1850287
Sodium	1070		1.88	10.0	5	04/19/2022 12:54	WG1849886

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	0.0517	B J	0.0314	0.100	1	04/18/2022 09:27	WG1849514
(S) a,a,a-Trifluorotoluene(FID)	*97.3*			*78.0-120*		*04/18/2022 09:27*	WG1849514

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/15/2022 18:30	WG1849402
Benzene	U		0.0000941	0.00100	1	04/15/2022 18:30	WG1849402
Bromodichloromethane	U		0.000136	0.00100	1	04/15/2022 18:30	WG1849402
Bromoform	U		0.000129	0.00100	1	04/15/2022 18:30	WG1849402
Bromomethane	U		0.000605	0.00500	1	04/15/2022 18:30	WG1849402
n-Butylbenzene	U		0.000157	0.00100	1	04/15/2022 18:30	WG1849402
sec-Butylbenzene	U		0.000125	0.00100	1	04/15/2022 18:30	WG1849402
Carbon disulfide	U		0.0000962	0.00100	1	04/15/2022 18:30	WG1849402

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Carbon tetrachloride	U		0.000128	0.00100	1	04/15/2022 18:30	WG1849402
Chlorobenzene	U		0.000116	0.00100	1	04/15/2022 18:30	WG1849402
Chlorodibromomethane	U		0.000140	0.00100	1	04/15/2022 18:30	WG1849402
Chloroethane	U		0.000192	0.00500	1	04/15/2022 18:30	WG1849402
Chloroform	U		0.000111	0.00500	1	04/15/2022 18:30	WG1849402
Chloromethane	U		0.000960	0.00250	1	04/15/2022 18:30	WG1849402
1,2-Dibromoethane	U		0.000126	0.00100	1	04/15/2022 18:30	WG1849402
1,1-Dichloroethane	U		0.000100	0.00100	1	04/15/2022 18:30	WG1849402
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/15/2022 18:30	WG1849402
1,1-Dichloroethene	U		0.000188	0.00100	1	04/15/2022 18:30	WG1849402
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/15/2022 18:30	WG1849402
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/15/2022 18:30	WG1849402
1,2-Dichloropropane	U		0.000149	0.00100	1	04/15/2022 18:30	WG1849402
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/15/2022 18:30	WG1849402
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/15/2022 18:30	WG1849402
Ethylbenzene	U		0.000137	0.00100	1	04/15/2022 18:30	WG1849402
Isopropylbenzene	U		0.000105	0.00100	1	04/15/2022 18:30	WG1849402
p-Isopropyltoluene	U		0.000120	0.00100	1	04/15/2022 18:30	WG1849402
2-Butanone (MEK)	U		0.00119	0.0100	1	04/15/2022 18:30	WG1849402
2-Hexanone	U		0.000787	0.0100	1	04/15/2022 18:30	WG1849402
Methylene Chloride	U		0.000430	0.00500	1	04/15/2022 18:30	WG1849402
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/15/2022 18:30	WG1849402
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/15/2022 18:30	WG1849402
Naphthalene	U		0.00100	0.00500	1	04/15/2022 18:30	WG1849402
n-Propylbenzene	U		0.0000993	0.00100	1	04/15/2022 18:30	WG1849402
Styrene	U		0.000118	0.00100	1	04/15/2022 18:30	WG1849402
tert-Butyl alcohol	U		0.00406	0.00500	1	04/15/2022 18:30	WG1849402
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/15/2022 18:30	WG1849402
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/15/2022 18:30	WG1849402
Tetrachloroethene	U		0.000300	0.00100	1	04/15/2022 18:30	WG1849402
Toluene	U		0.000278	0.00100	1	04/15/2022 18:30	WG1849402
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/15/2022 18:30	WG1849402
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/15/2022 18:30	WG1849402
Trichloroethene	U		0.000190	0.00100	1	04/15/2022 18:30	WG1849402
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/15/2022 18:30	WG1849402
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/15/2022 18:30	WG1849402
Vinyl chloride	U		0.000234	0.00100	1	04/15/2022 18:30	WG1849402
o-Xylene	U		0.000174	0.00100	1	04/15/2022 18:30	WG1849402
m&p-Xylene	U		0.000430	0.00200	1	04/15/2022 18:30	WG1849402
Xylenes, Total	U		0.000174	0.00300	1	04/15/2022 18:30	WG1849402
(S) Toluene-d8	*105*			*80.0-120*		*04/15/2022 18:30*	WG1849402
(S) 4-Bromofluorobenzene	*103*			*77.0-126*		*04/15/2022 18:30*	WG1849402
(S) 1,2-Dichloroethane-d4	*117*			*70.0-130*		*04/15/2022 18:30*	WG1849402

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.596		0.0247	0.100	1	04/22/2022 00:23	WG1850880
(S) o-Terphenyl	*79.5*			*31.0-160*		*04/22/2022 00:23*	WG1850880

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	3100		100	1	04/20/2022 18:25	WG1850657
Dissolved Solids	4700	Q	100	1	05/07/2022 23:12	WG1860458

Wet Chemistry by Method 353.2

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	0.371		0.0500	0.100	1	04/19/2022 22:22	WG1851011

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	983		37.9	100	100	04/22/2022 03:00	WG1849197
Fluoride	2.57		0.0640	0.150	1	04/22/2022 02:29	WG1849197
Sulfate	1940		59.4	500	100	04/22/2022 03:00	WG1849197

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00820		0.000180	0.00200	1	04/19/2022 02:43	WG1849886
Arsenic,Dissolved	0.00174	J	0.000180	0.00200	1	04/21/2022 11:06	WG1850287
Barium	0.0139		0.000381	0.00200	1	04/19/2022 02:43	WG1849886
Barium,Dissolved	0.0120		0.000381	0.00200	1	04/21/2022 11:06	WG1850287
Calcium	542		0.0936	1.00	1	04/19/2022 02:43	WG1849886
Chromium	0.00365		0.00124	0.00200	1	04/19/2022 02:43	WG1849886
Chromium,Dissolved	U		0.00124	0.00200	1	04/21/2022 11:06	WG1850287
Iron	2.51		0.0281	0.100	1	04/19/2022 02:43	WG1849886
Iron,Dissolved	0.0560	J	0.0281	0.100	1	04/21/2022 11:06	WG1850287
Lead	U		0.000849	0.00200	1	04/19/2022 02:43	WG1849886
Lead,Dissolved	U		0.000849	0.00200	1	04/21/2022 11:06	WG1850287
Manganese	0.447		0.000704	0.00500	1	04/19/2022 02:43	WG1849886
Manganese,Dissolved	0.125		0.000704	0.00500	1	04/21/2022 11:06	WG1850287
Potassium	2.61		0.108	2.00	1	04/19/2022 02:43	WG1849886
Selenium	0.000860	J	0.000300	0.00200	1	04/19/2022 02:43	WG1849886
Selenium,Dissolved	0.000603	J	0.000300	0.00200	1	04/21/2022 11:06	WG1850287
Sodium	720		0.376	2.00	1	04/19/2022 12:57	WG1849886

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	0.0418	B J	0.0314	0.100	1	04/18/2022 09:49	WG1849514
(S) a,a,a-Trifluorotoluene(FID)	*98.1*			*78.0-120*		*04/18/2022 09:49*	WG1849514

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/15/2022 18:51	WG1849402
Benzene	U		0.0000941	0.00100	1	04/15/2022 18:51	WG1849402
Bromodichloromethane	U		0.000136	0.00100	1	04/15/2022 18:51	WG1849402
Bromoform	U		0.000129	0.00100	1	04/15/2022 18:51	WG1849402
Bromomethane	U		0.000605	0.00500	1	04/15/2022 18:51	WG1849402
n-Butylbenzene	U		0.000157	0.00100	1	04/15/2022 18:51	WG1849402
sec-Butylbenzene	U		0.000125	0.00100	1	04/15/2022 18:51	WG1849402
Carbon disulfide	U		0.0000962	0.00100	1	04/15/2022 18:51	WG1849402

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Carbon tetrachloride	U		0.000128	0.00100	1	04/15/2022 18:51	WG1849402
Chlorobenzene	U		0.000116	0.00100	1	04/15/2022 18:51	WG1849402
Chlorodibromomethane	U		0.000140	0.00100	1	04/15/2022 18:51	WG1849402
Chloroethane	U		0.000192	0.00500	1	04/15/2022 18:51	WG1849402
Chloroform	U		0.000111	0.00500	1	04/15/2022 18:51	WG1849402
Chloromethane	U		0.000960	0.00250	1	04/15/2022 18:51	WG1849402
1,2-Dibromoethane	U		0.000126	0.00100	1	04/15/2022 18:51	WG1849402
1,1-Dichloroethane	U		0.000100	0.00100	1	04/15/2022 18:51	WG1849402
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/15/2022 18:51	WG1849402
1,1-Dichloroethene	U		0.000188	0.00100	1	04/15/2022 18:51	WG1849402
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/15/2022 18:51	WG1849402
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/15/2022 18:51	WG1849402
1,2-Dichloropropane	U		0.000149	0.00100	1	04/15/2022 18:51	WG1849402
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/15/2022 18:51	WG1849402
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/15/2022 18:51	WG1849402
Ethylbenzene	U		0.000137	0.00100	1	04/15/2022 18:51	WG1849402
Isopropylbenzene	U		0.000105	0.00100	1	04/15/2022 18:51	WG1849402
p-Isopropyltoluene	U		0.000120	0.00100	1	04/15/2022 18:51	WG1849402
2-Butanone (MEK)	U		0.00119	0.0100	1	04/15/2022 18:51	WG1849402
2-Hexanone	U		0.000787	0.0100	1	04/15/2022 18:51	WG1849402
Methylene Chloride	U		0.000430	0.00500	1	04/15/2022 18:51	WG1849402
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/15/2022 18:51	WG1849402
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/15/2022 18:51	WG1849402
Naphthalene	U		0.00100	0.00500	1	04/15/2022 18:51	WG1849402
n-Propylbenzene	U		0.0000993	0.00100	1	04/15/2022 18:51	WG1849402
Styrene	U		0.000118	0.00100	1	04/15/2022 18:51	WG1849402
tert-Butyl alcohol	U		0.00406	0.00500	1	04/15/2022 18:51	WG1849402
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/15/2022 18:51	WG1849402
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/15/2022 18:51	WG1849402
Tetrachloroethene	U		0.000300	0.00100	1	04/15/2022 18:51	WG1849402
Toluene	U		0.000278	0.00100	1	04/15/2022 18:51	WG1849402
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/15/2022 18:51	WG1849402
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/15/2022 18:51	WG1849402
Trichloroethene	U		0.000190	0.00100	1	04/15/2022 18:51	WG1849402
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/15/2022 18:51	WG1849402
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/15/2022 18:51	WG1849402
Vinyl chloride	U		0.000234	0.00100	1	04/15/2022 18:51	WG1849402
o-Xylene	U		0.000174	0.00100	1	04/15/2022 18:51	WG1849402
m&p-Xylene	U		0.000430	0.00200	1	04/15/2022 18:51	WG1849402
Xylenes, Total	U		0.000174	0.00300	1	04/15/2022 18:51	WG1849402
(S) Toluene-d8	*103*			*80.0-120*		*04/15/2022 18:51*	WG1849402
(S) 4-Bromofluorobenzene	*98.6*			*77.0-126*		*04/15/2022 18:51*	WG1849402
(S) 1,2-Dichloroethane-d4	*119*			*70.0-130*		*04/15/2022 18:51*	WG1849402

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.0947	B J	0.0247	0.100	1	04/22/2022 00:49	WG1850880
(S) o-Terphenyl	*70.0*			*31.0-160*		*04/22/2022 00:49*	WG1850880

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	3220		100	1	04/20/2022 18:25	WG1850657
Dissolved Solids	5910	Q	100	1	05/07/2022 23:12	WG1860458

Wet Chemistry by Method 353.2

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	2.25		0.0500	0.100	1	04/19/2022 22:23	WG1851011

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	1680		37.9	100	100	04/22/2022 04:52	WG1849197
Fluoride	5.68		0.0640	0.150	1	04/22/2022 04:37	WG1849197
Sulfate	2160		59.4	500	100	04/22/2022 04:52	WG1849197

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00473		0.000180	0.00200	1	04/21/2022 15:44	WG1850307
Arsenic,Dissolved	0.00410		0.000180	0.00200	1	04/21/2022 11:09	WG1850287
Barium	0.0141		0.000381	0.00200	1	04/21/2022 15:44	WG1850307
Barium,Dissolved	0.0133		0.000381	0.00200	1	04/21/2022 11:09	WG1850287
Calcium	590	O1 V	0.0936	1.00	1	04/21/2022 15:44	WG1850307
Chromium	0.0709	J6 O1	0.00124	0.00200	1	04/21/2022 15:44	WG1850307
Chromium,Dissolved	U		0.00124	0.00200	1	04/21/2022 11:09	WG1850287
Iron	0.357		0.0281	0.100	1	04/21/2022 15:44	WG1850307
Iron,Dissolved	U		0.0281	0.100	1	04/21/2022 11:09	WG1850287
Lead	U		0.000849	0.00200	1	04/21/2022 15:44	WG1850307
Lead,Dissolved	U		0.000849	0.00200	1	04/21/2022 11:09	WG1850287
Manganese	0.393	O1 V	0.000704	0.00500	1	04/21/2022 15:44	WG1850307
Manganese,Dissolved	0.380		0.000704	0.00500	1	04/21/2022 11:09	WG1850287
Potassium	6.52		0.108	2.00	1	04/21/2022 15:44	WG1850307
Selenium	0.000925	J	0.000300	0.00200	1	04/21/2022 15:44	WG1850307
Selenium,Dissolved	0.00118	J	0.000300	0.00200	1	04/21/2022 11:09	WG1850287
Sodium	1000		1.88	10.0	5	04/21/2022 16:32	WG1850307

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	0.0515	B J	0.0314	0.100	1	04/18/2022 10:10	WG1849514
(S) a,a,a-Trifluorotoluene(FID)	*97.0*			*78.0-120*		*04/18/2022 10:10*	WG1849514

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/15/2022 19:11	WG1849402
Benzene	U		0.0000941	0.00100	1	04/15/2022 19:11	WG1849402
Bromodichloromethane	U		0.000136	0.00100	1	04/15/2022 19:11	WG1849402
Bromoform	U		0.000129	0.00100	1	04/15/2022 19:11	WG1849402
Bromomethane	U		0.000605	0.00500	1	04/15/2022 19:11	WG1849402
n-Butylbenzene	U		0.000157	0.00100	1	04/15/2022 19:11	WG1849402
sec-Butylbenzene	U		0.000125	0.00100	1	04/15/2022 19:11	WG1849402
Carbon disulfide	U		0.0000962	0.00100	1	04/15/2022 19:11	WG1849402

MW-75
Collected date/time: 04/12/22 16:15
L1482377

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Carbon tetrachloride	U		0.000128	0.00100	1	04/15/2022 19:11	WG1849402
Chlorobenzene	U		0.000116	0.00100	1	04/15/2022 19:11	WG1849402
Chlorodibromomethane	U		0.000140	0.00100	1	04/15/2022 19:11	WG1849402
Chloroethane	U		0.000192	0.00500	1	04/15/2022 19:11	WG1849402
Chloroform	U		0.000111	0.00500	1	04/15/2022 19:11	WG1849402
Chloromethane	U		0.000960	0.00250	1	04/15/2022 19:11	WG1849402
1,2-Dibromoethane	U		0.000126	0.00100	1	04/15/2022 19:11	WG1849402
1,1-Dichloroethane	U		0.000100	0.00100	1	04/15/2022 19:11	WG1849402
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/15/2022 19:11	WG1849402
1,1-Dichloroethene	U		0.000188	0.00100	1	04/15/2022 19:11	WG1849402
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/15/2022 19:11	WG1849402
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/15/2022 19:11	WG1849402
1,2-Dichloropropane	U		0.000149	0.00100	1	04/15/2022 19:11	WG1849402
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/15/2022 19:11	WG1849402
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/15/2022 19:11	WG1849402
Ethylbenzene	U		0.000137	0.00100	1	04/15/2022 19:11	WG1849402
Isopropylbenzene	U		0.000105	0.00100	1	04/15/2022 19:11	WG1849402
p-Isopropyltoluene	U		0.000120	0.00100	1	04/15/2022 19:11	WG1849402
2-Butanone (MEK)	U		0.00119	0.0100	1	04/15/2022 19:11	WG1849402
2-Hexanone	U		0.000787	0.0100	1	04/15/2022 19:11	WG1849402
Methylene Chloride	U		0.000430	0.00500	1	04/15/2022 19:11	WG1849402
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/15/2022 19:11	WG1849402
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/15/2022 19:11	WG1849402
Naphthalene	U		0.00100	0.00500	1	04/15/2022 19:11	WG1849402
n-Propylbenzene	U		0.0000993	0.00100	1	04/15/2022 19:11	WG1849402
Styrene	U		0.000118	0.00100	1	04/15/2022 19:11	WG1849402
tert-Butyl alcohol	U		0.00406	0.00500	1	04/15/2022 19:11	WG1849402
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/15/2022 19:11	WG1849402
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/15/2022 19:11	WG1849402
Tetrachloroethene	U		0.000300	0.00100	1	04/15/2022 19:11	WG1849402
Toluene	U		0.000278	0.00100	1	04/15/2022 19:11	WG1849402
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/15/2022 19:11	WG1849402
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/15/2022 19:11	WG1849402
Trichloroethene	U		0.000190	0.00100	1	04/15/2022 19:11	WG1849402
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/15/2022 19:11	WG1849402
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/15/2022 19:11	WG1849402
Vinyl chloride	U		0.000234	0.00100	1	04/15/2022 19:11	WG1849402
o-Xylene	U		0.000174	0.00100	1	04/15/2022 19:11	WG1849402
m&p-Xylene	U		0.000430	0.00200	1	04/15/2022 19:11	WG1849402
Xylenes, Total	U		0.000174	0.00300	1	04/15/2022 19:11	WG1849402
(S) Toluene-d8	*102*			*80.0-120*		*04/15/2022 19:11*	WG1849402
(S) 4-Bromofluorobenzene	*103*			*77.0-126*		*04/15/2022 19:11*	WG1849402
(S) 1,2-Dichloroethane-d4	*117*			*70.0-130*		*04/15/2022 19:11*	WG1849402

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.351		0.0247	0.100	1	04/22/2022 01:14	WG1850880
(S) o-Terphenyl	*70.5*			*31.0-160*		*04/22/2022 01:14*	WG1850880

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	8300		200	1	04/20/2022 18:25	WG1850657
Dissolved Solids	8120	Q	200	1	05/07/2022 23:12	WG1860458

Sample Narrative:

L1482377-05 WG1850657: Results confirmed with a second analysis.

Wet Chemistry by Method 353.2

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	2.90		0.0500	0.100	1	04/19/2022 22:28	WG1851011

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	2000		37.9	100	100	04/22/2022 05:23	WG1849197
Fluoride	6.38		0.0640	0.150	1	04/22/2022 05:07	WG1849197
Sulfate	3660		59.4	500	100	04/22/2022 05:23	WG1849197

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.107		0.000180	0.00200	1	04/21/2022 15:58	WG1850307
Arsenic,Dissolved	0.105		0.000180	0.00200	1	04/21/2022 11:12	WG1850287
Barium	0.0145		0.000381	0.00200	1	04/21/2022 15:58	WG1850307
Barium,Dissolved	0.0129		0.000381	0.00200	1	04/21/2022 11:12	WG1850287
Calcium	563		0.0936	1.00	1	04/21/2022 15:58	WG1850307
Chromium	0.00295		0.00124	0.00200	1	04/21/2022 15:58	WG1850307
Chromium,Dissolved	0.00127	J	0.00124	0.00200	1	04/21/2022 11:12	WG1850287
Iron	0.121		0.0281	0.100	1	04/21/2022 15:58	WG1850307
Iron,Dissolved	U		0.0281	0.100	1	04/21/2022 11:12	WG1850287
Lead	U		0.000849	0.00200	1	04/21/2022 15:58	WG1850307
Lead,Dissolved	U		0.000849	0.00200	1	04/21/2022 11:12	WG1850287
Manganese	2.13		0.000704	0.00500	1	04/21/2022 15:58	WG1850307
Manganese,Dissolved	2.14		0.000704	0.00500	1	04/21/2022 11:12	WG1850287
Potassium	26.6		0.108	2.00	1	04/21/2022 15:58	WG1850307
Selenium	0.0137		0.000300	0.00200	1	04/21/2022 15:58	WG1850307
Selenium,Dissolved	0.0118		0.000300	0.00200	1	04/21/2022 11:12	WG1850287
Sodium	1740		1.88	10.0	5	04/21/2022 16:36	WG1850307

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	1.66		0.0314	0.100	1	04/18/2022 10:32	WG1849514
(S) a,a,a-Trifluorotoluene(FID)	*96.9*			*78.0-120*		*04/18/2022 10:32*	WG1849514

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/15/2022 19:31	WG1849402
Benzene	U		0.0000941	0.00100	1	04/15/2022 19:31	WG1849402
Bromodichloromethane	U		0.000136	0.00100	1	04/15/2022 19:31	WG1849402
Bromoform	U		0.000129	0.00100	1	04/15/2022 19:31	WG1849402
Bromomethane	U		0.000605	0.00500	1	04/15/2022 19:31	WG1849402

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
n-Butylbenzene	U		0.000157	0.00100	1	04/15/2022 19:31	WG1849402
sec-Butylbenzene	U		0.000125	0.00100	1	04/15/2022 19:31	WG1849402
Carbon disulfide	U		0.0000962	0.00100	1	04/15/2022 19:31	WG1849402
Carbon tetrachloride	U		0.000128	0.00100	1	04/15/2022 19:31	WG1849402
Chlorobenzene	U		0.000116	0.00100	1	04/15/2022 19:31	WG1849402
Chlorodibromomethane	U		0.000140	0.00100	1	04/15/2022 19:31	WG1849402
Chloroethane	U		0.000192	0.00500	1	04/15/2022 19:31	WG1849402
Chloroform	U		0.000111	0.00500	1	04/15/2022 19:31	WG1849402
Chloromethane	U		0.000960	0.00250	1	04/15/2022 19:31	WG1849402
1,2-Dibromoethane	U		0.000126	0.00100	1	04/15/2022 19:31	WG1849402
1,1-Dichloroethane	U		0.000100	0.00100	1	04/15/2022 19:31	WG1849402
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/15/2022 19:31	WG1849402
1,1-Dichloroethene	U		0.000188	0.00100	1	04/15/2022 19:31	WG1849402
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/15/2022 19:31	WG1849402
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/15/2022 19:31	WG1849402
1,2-Dichloropropane	U		0.000149	0.00100	1	04/15/2022 19:31	WG1849402
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/15/2022 19:31	WG1849402
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/15/2022 19:31	WG1849402
Ethylbenzene	U		0.000137	0.00100	1	04/15/2022 19:31	WG1849402
Isopropylbenzene	U		0.000105	0.00100	1	04/15/2022 19:31	WG1849402
p-Isopropyltoluene	U		0.000120	0.00100	1	04/15/2022 19:31	WG1849402
2-Butanone (MEK)	U		0.00119	0.0100	1	04/15/2022 19:31	WG1849402
2-Hexanone	U		0.000787	0.0100	1	04/15/2022 19:31	WG1849402
Methylene Chloride	U		0.000430	0.00500	1	04/15/2022 19:31	WG1849402
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/15/2022 19:31	WG1849402
Methyl tert-butyl ether	0.000482	J	0.000101	0.00100	1	04/15/2022 19:31	WG1849402
Naphthalene	U		0.00100	0.00500	1	04/15/2022 19:31	WG1849402
n-Propylbenzene	U		0.0000993	0.00100	1	04/15/2022 19:31	WG1849402
Styrene	U		0.000118	0.00100	1	04/15/2022 19:31	WG1849402
tert-Butyl alcohol	0.0310		0.00406	0.00500	1	04/15/2022 19:31	WG1849402
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/15/2022 19:31	WG1849402
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/15/2022 19:31	WG1849402
Tetrachloroethene	U		0.000300	0.00100	1	04/15/2022 19:31	WG1849402
Toluene	U		0.000278	0.00100	1	04/15/2022 19:31	WG1849402
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/15/2022 19:31	WG1849402
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/15/2022 19:31	WG1849402
Trichloroethene	U		0.000190	0.00100	1	04/15/2022 19:31	WG1849402
1,2,4-Trimethylbenzene	0.00188		0.000322	0.00100	1	04/15/2022 19:31	WG1849402
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/15/2022 19:31	WG1849402
Vinyl chloride	U		0.000234	0.00100	1	04/15/2022 19:31	WG1849402
o-Xylene	U		0.000174	0.00100	1	04/15/2022 19:31	WG1849402
m&p-Xylene	U		0.000430	0.00200	1	04/15/2022 19:31	WG1849402
Xylenes, Total	U		0.000174	0.00300	1	04/15/2022 19:31	WG1849402
(S) Toluene-d8	*103*			*80.0-120*		*04/15/2022 19:31*	WG1849402
(S) 4-Bromofluorobenzene	*114*			*77.0-126*		*04/15/2022 19:31*	WG1849402
(S) 1,2-Dichloroethane-d4	*119*			*70.0-130*		*04/15/2022 19:31*	WG1849402

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	17.4		0.247	1.00	10	04/23/2022 01:03	WG1850880
(S) o-Terphenyl	*101*			*31.0-160*		*04/23/2022 01:03*	WG1850880

MW-74
Collected date/time: 04/12/22 10:10
L1482377

Semi Volatile Organic Compounds (GC/MS) by Method 8270 C-mod

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
1,4-Dioxane	0.00124		0.0000447	0.000400	1	04/19/2022 01:43	WG1849821
(S) Nitrobenzene-d5	*57.5*			*10.0-120*		*04/19/2022 01:43*	WG1849821

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	6460		200	1	04/20/2022 18:25	WG1850657
Dissolved Solids	9780	Q	200	1	05/07/2022 23:12	WG1860458

Wet Chemistry by Method 353.2

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	0.374		0.0500	0.100	1	04/19/2022 22:29	WG1851011

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	2660		37.9	100	100	04/22/2022 05:53	WG1849197
Fluoride	1.30		0.0640	0.150	1	04/22/2022 05:38	WG1849197
Sulfate	3800		59.4	500	100	04/22/2022 05:53	WG1849197

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.0424		0.000180	0.00200	1	04/21/2022 16:01	WG1850307
Arsenic,Dissolved	0.0376		0.000180	0.00200	1	04/21/2022 11:16	WG1850287
Barium	0.00967		0.000381	0.00200	1	04/21/2022 16:01	WG1850307
Barium,Dissolved	0.00947		0.000381	0.00200	1	04/21/2022 11:16	WG1850287
Calcium	575		0.0936	1.00	1	04/21/2022 16:01	WG1850307
Chromium	0.00158	J	0.00124	0.00200	1	04/21/2022 16:01	WG1850307
Chromium,Dissolved	U		0.00124	0.00200	1	04/21/2022 11:16	WG1850287
Iron	2.35		0.0281	0.100	1	04/21/2022 16:01	WG1850307
Iron,Dissolved	0.858		0.0281	0.100	1	04/21/2022 11:16	WG1850287
Lead	U		0.000849	0.00200	1	04/21/2022 16:01	WG1850307
Lead,Dissolved	U		0.000849	0.00200	1	04/21/2022 11:16	WG1850287
Manganese	0.597		0.000704	0.00500	1	04/21/2022 16:01	WG1850307
Manganese,Dissolved	0.341		0.000704	0.00500	1	04/21/2022 11:16	WG1850287
Potassium	2.46		0.108	2.00	1	04/21/2022 16:01	WG1850307
Selenium	0.00114	J	0.000300	0.00200	1	04/21/2022 16:01	WG1850307
Selenium,Dissolved	0.00126	J	0.000300	0.00200	1	04/21/2022 11:16	WG1850287
Sodium	2110		1.88	10.0	5	04/21/2022 16:39	WG1850307

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	0.363	B	0.0314	0.100	1	04/18/2022 10:53	WG1849514
(S) a,a,a-Trifluorotoluene(FID)	*97.8*			*78.0-120*		*04/18/2022 10:53*	WG1849514

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/15/2022 19:52	WG1849402
Benzene	U		0.0000941	0.00100	1	04/15/2022 19:52	WG1849402
Bromodichloromethane	U		0.000136	0.00100	1	04/15/2022 19:52	WG1849402
Bromoform	U		0.000129	0.00100	1	04/15/2022 19:52	WG1849402
Bromomethane	U		0.000605	0.00500	1	04/15/2022 19:52	WG1849402
n-Butylbenzene	U		0.000157	0.00100	1	04/15/2022 19:52	WG1849402
sec-Butylbenzene	U		0.000125	0.00100	1	04/15/2022 19:52	WG1849402
Carbon disulfide	U		0.0000962	0.00100	1	04/15/2022 19:52	WG1849402

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Carbon tetrachloride	U		0.000128	0.00100	1	04/15/2022 19:52	WG1849402
Chlorobenzene	U		0.000116	0.00100	1	04/15/2022 19:52	WG1849402
Chlorodibromomethane	U		0.000140	0.00100	1	04/15/2022 19:52	WG1849402
Chloroethane	U		0.000192	0.00500	1	04/15/2022 19:52	WG1849402
Chloroform	U		0.000111	0.00500	1	04/15/2022 19:52	WG1849402
Chloromethane	U		0.000960	0.00250	1	04/15/2022 19:52	WG1849402
1,2-Dibromoethane	U		0.000126	0.00100	1	04/15/2022 19:52	WG1849402
1,1-Dichloroethane	U		0.000100	0.00100	1	04/15/2022 19:52	WG1849402
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/15/2022 19:52	WG1849402
1,1-Dichloroethene	U		0.000188	0.00100	1	04/15/2022 19:52	WG1849402
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/15/2022 19:52	WG1849402
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/15/2022 19:52	WG1849402
1,2-Dichloropropane	U		0.000149	0.00100	1	04/15/2022 19:52	WG1849402
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/15/2022 19:52	WG1849402
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/15/2022 19:52	WG1849402
Ethylbenzene	U		0.000137	0.00100	1	04/15/2022 19:52	WG1849402
Isopropylbenzene	U		0.000105	0.00100	1	04/15/2022 19:52	WG1849402
p-Isopropyltoluene	U		0.000120	0.00100	1	04/15/2022 19:52	WG1849402
2-Butanone (MEK)	U		0.00119	0.0100	1	04/15/2022 19:52	WG1849402
2-Hexanone	U		0.000787	0.0100	1	04/15/2022 19:52	WG1849402
Methylene Chloride	U		0.000430	0.00500	1	04/15/2022 19:52	WG1849402
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/15/2022 19:52	WG1849402
Methyl tert-butyl ether	0.000576	J	0.000101	0.00100	1	04/15/2022 19:52	WG1849402
Naphthalene	U		0.00100	0.00500	1	04/15/2022 19:52	WG1849402
n-Propylbenzene	U		0.0000993	0.00100	1	04/15/2022 19:52	WG1849402
Styrene	U		0.000118	0.00100	1	04/15/2022 19:52	WG1849402
tert-Butyl alcohol	0.00677		0.00406	0.00500	1	04/15/2022 19:52	WG1849402
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/15/2022 19:52	WG1849402
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/15/2022 19:52	WG1849402
Tetrachloroethene	U		0.000300	0.00100	1	04/15/2022 19:52	WG1849402
Toluene	U		0.000278	0.00100	1	04/15/2022 19:52	WG1849402
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/15/2022 19:52	WG1849402
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/15/2022 19:52	WG1849402
Trichloroethene	U		0.000190	0.00100	1	04/15/2022 19:52	WG1849402
1,2,4-Trimethylbenzene	0.000695	J	0.000322	0.00100	1	04/15/2022 19:52	WG1849402
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/15/2022 19:52	WG1849402
Vinyl chloride	U		0.000234	0.00100	1	04/15/2022 19:52	WG1849402
o-Xylene	U		0.000174	0.00100	1	04/15/2022 19:52	WG1849402
m&p-Xylene	U		0.000430	0.00200	1	04/15/2022 19:52	WG1849402
Xylenes, Total	U		0.000174	0.00300	1	04/15/2022 19:52	WG1849402
(S) Toluene-d8	*107*			*80.0-120*		*04/15/2022 19:52*	WG1849402
(S) 4-Bromofluorobenzene	*99.4*			*77.0-126*		*04/15/2022 19:52*	WG1849402
(S) 1,2-Dichloroethane-d4	*111*			*70.0-130*		*04/15/2022 19:52*	WG1849402

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	2.17		0.0247	0.100	1	04/22/2022 02:06	WG1850880
(S) o-Terphenyl	*72.6*			*31.0-160*		*04/22/2022 02:06*	WG1850880

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	6640		200	1	04/20/2022 18:25	WG1850657
Dissolved Solids	11900	Q	200	1	05/07/2022 23:12	WG1860458

Wet Chemistry by Method 353.2

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	0.0701	J	0.0500	0.100	1	04/19/2022 22:33	WG1851011

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	3530		37.9	100	100	04/22/2022 06:24	WG1849197
Fluoride	1.18		0.0640	0.150	1	04/22/2022 06:09	WG1849197
Sulfate	4710		59.4	500	100	04/22/2022 06:24	WG1849197

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00698		0.000180	0.00200	1	04/21/2022 16:04	WG1850307
Arsenic,Dissolved	0.00667		0.000180	0.00200	1	04/21/2022 11:19	WG1850287
Barium	0.0228		0.000381	0.00200	1	04/21/2022 16:04	WG1850307
Barium,Dissolved	0.0230		0.000381	0.00200	1	04/21/2022 11:19	WG1850287
Calcium	534		0.0936	1.00	1	04/21/2022 16:04	WG1850307
Chromium	0.00163	J	0.00124	0.00200	1	04/21/2022 16:04	WG1850307
Chromium,Dissolved	U		0.00124	0.00200	1	04/21/2022 11:19	WG1850287
Iron	0.185		0.0281	0.100	1	04/21/2022 16:04	WG1850307
Iron,Dissolved	0.135		0.0281	0.100	1	04/21/2022 11:19	WG1850287
Lead	U		0.000849	0.00200	1	04/21/2022 16:04	WG1850307
Lead,Dissolved	U		0.000849	0.00200	1	04/21/2022 11:19	WG1850287
Manganese	0.579		0.000704	0.00500	1	04/21/2022 16:04	WG1850307
Manganese,Dissolved	0.632		0.000704	0.00500	1	04/21/2022 11:19	WG1850287
Potassium	4.11		0.108	2.00	1	04/21/2022 16:04	WG1850307
Selenium	0.00412		0.000300	0.00200	1	04/21/2022 16:04	WG1850307
Selenium,Dissolved	0.00344		0.000300	0.00200	1	04/21/2022 11:19	WG1850287
Sodium	2440		1.88	10.0	5	04/21/2022 16:42	WG1850307

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	0.0387	B J	0.0314	0.100	1	04/18/2022 11:15	WG1849514
(S) a,a,a-Trifluorotoluene(FID)	*98.6*			*78.0-120*		*04/18/2022 11:15*	WG1849514

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/15/2022 20:12	WG1849402
Benzene	U		0.0000941	0.00100	1	04/15/2022 20:12	WG1849402
Bromodichloromethane	U		0.000136	0.00100	1	04/15/2022 20:12	WG1849402
Bromoform	U		0.000129	0.00100	1	04/15/2022 20:12	WG1849402
Bromomethane	U		0.000605	0.00500	1	04/15/2022 20:12	WG1849402
n-Butylbenzene	U		0.000157	0.00100	1	04/15/2022 20:12	WG1849402
sec-Butylbenzene	U		0.000125	0.00100	1	04/15/2022 20:12	WG1849402
Carbon disulfide	U		0.0000962	0.00100	1	04/15/2022 20:12	WG1849402

MW-2A
Collected date/time: 04/12/22 13:45
L1482377

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Carbon tetrachloride	U		0.000128	0.00100	1	04/15/2022 20:12	WG1849402
Chlorobenzene	U		0.000116	0.00100	1	04/15/2022 20:12	WG1849402
Chlorodibromomethane	U		0.000140	0.00100	1	04/15/2022 20:12	WG1849402
Chloroethane	U		0.000192	0.00500	1	04/15/2022 20:12	WG1849402
Chloroform	U		0.000111	0.00500	1	04/15/2022 20:12	WG1849402
Chloromethane	U		0.000960	0.00250	1	04/15/2022 20:12	WG1849402
1,2-Dibromoethane	U		0.000126	0.00100	1	04/15/2022 20:12	WG1849402
1,1-Dichloroethane	U		0.000100	0.00100	1	04/15/2022 20:12	WG1849402
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/15/2022 20:12	WG1849402
1,1-Dichloroethene	U		0.000188	0.00100	1	04/15/2022 20:12	WG1849402
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/15/2022 20:12	WG1849402
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/15/2022 20:12	WG1849402
1,2-Dichloropropane	U		0.000149	0.00100	1	04/15/2022 20:12	WG1849402
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/15/2022 20:12	WG1849402
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/15/2022 20:12	WG1849402
Ethylbenzene	U		0.000137	0.00100	1	04/15/2022 20:12	WG1849402
Isopropylbenzene	U		0.000105	0.00100	1	04/15/2022 20:12	WG1849402
p-Isopropyltoluene	U		0.000120	0.00100	1	04/15/2022 20:12	WG1849402
2-Butanone (MEK)	U		0.00119	0.0100	1	04/15/2022 20:12	WG1849402
2-Hexanone	U		0.000787	0.0100	1	04/15/2022 20:12	WG1849402
Methylene Chloride	U		0.000430	0.00500	1	04/15/2022 20:12	WG1849402
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/15/2022 20:12	WG1849402
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/15/2022 20:12	WG1849402
Naphthalene	U		0.00100	0.00500	1	04/15/2022 20:12	WG1849402
n-Propylbenzene	U		0.0000993	0.00100	1	04/15/2022 20:12	WG1849402
Styrene	U		0.000118	0.00100	1	04/15/2022 20:12	WG1849402
tert-Butyl alcohol	U		0.00406	0.00500	1	04/15/2022 20:12	WG1849402
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/15/2022 20:12	WG1849402
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/15/2022 20:12	WG1849402
Tetrachloroethene	U		0.000300	0.00100	1	04/15/2022 20:12	WG1849402
Toluene	U		0.000278	0.00100	1	04/15/2022 20:12	WG1849402
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/15/2022 20:12	WG1849402
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/15/2022 20:12	WG1849402
Trichloroethene	U		0.000190	0.00100	1	04/15/2022 20:12	WG1849402
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/15/2022 20:12	WG1849402
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/15/2022 20:12	WG1849402
Vinyl chloride	U		0.000234	0.00100	1	04/15/2022 20:12	WG1849402
o-Xylene	U		0.000174	0.00100	1	04/15/2022 20:12	WG1849402
m&p-Xylene	U		0.000430	0.00200	1	04/15/2022 20:12	WG1849402
Xylenes, Total	U		0.000174	0.00300	1	04/15/2022 20:12	WG1849402
(S) Toluene-d8	*108*			*80.0-120*		*04/15/2022 20:12*	WG1849402
(S) 4-Bromofluorobenzene	*93.5*			*77.0-126*		*04/15/2022 20:12*	WG1849402
(S) 1,2-Dichloroethane-d4	*114*			*70.0-130*		*04/15/2022 20:12*	WG1849402

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.0837	B J	0.0247	0.100	1	04/22/2022 02:32	WG1850880
(S) o-Terphenyl	*65.3*			*31.0-160*		*04/22/2022 02:32*	WG1850880

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	5120		200	1	04/19/2022 18:10	WG1851013
Dissolved Solids	8200	Q	200	1	05/07/2022 23:12	WG1860458

Wet Chemistry by Method 353.2

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	2.70		0.0500	0.100	1	04/19/2022 22:34	WG1851011

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	2830		37.9	100	100	04/22/2022 07:26	WG1849197
Fluoride	4.88		0.0640	0.150	1	04/22/2022 07:10	WG1849197
Sulfate	2610		59.4	500	100	04/22/2022 07:26	WG1849197

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00435		0.000180	0.00200	1	04/21/2022 16:07	WG1850307
Arsenic,Dissolved	0.00474		0.000180	0.00200	1	04/21/2022 11:22	WG1850287
Barium	0.0112		0.000381	0.00200	1	04/21/2022 16:07	WG1850307
Barium,Dissolved	0.0120		0.000381	0.00200	1	04/21/2022 11:22	WG1850287
Calcium	663		0.0936	1.00	1	04/21/2022 16:07	WG1850307
Chromium	0.00134	J	0.00124	0.00200	1	04/21/2022 16:07	WG1850307
Chromium,Dissolved	U		0.00124	0.00200	1	04/21/2022 11:22	WG1850287
Iron	0.313		0.0281	0.100	1	04/21/2022 16:07	WG1850307
Iron,Dissolved	0.522		0.0281	0.100	1	04/21/2022 11:22	WG1850287
Lead	U		0.000849	0.00200	1	04/21/2022 16:07	WG1850307
Lead,Dissolved	U		0.000849	0.00200	1	04/21/2022 11:22	WG1850287
Manganese	0.493		0.000704	0.00500	1	04/21/2022 16:07	WG1850307
Manganese,Dissolved	0.760		0.000704	0.00500	1	04/21/2022 11:22	WG1850287
Potassium	6.55		0.108	2.00	1	04/21/2022 16:07	WG1850307
Selenium	0.00171	J	0.000300	0.00200	1	04/21/2022 16:07	WG1850307
Selenium,Dissolved	0.00151	J	0.000300	0.00200	1	04/21/2022 11:22	WG1850287
Sodium	1470		1.88	10.0	5	04/21/2022 16:45	WG1850307

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	0.0505	B J	0.0314	0.100	1	04/18/2022 11:36	WG1849514
(S) a,a,a-Trifluorotoluene(FID)	*98.3*			*78.0-120*		*04/18/2022 11:36*	WG1849514

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/15/2022 20:32	WG1849402
Benzene	U		0.0000941	0.00100	1	04/15/2022 20:32	WG1849402
Bromodichloromethane	U		0.000136	0.00100	1	04/15/2022 20:32	WG1849402
Bromoform	U		0.000129	0.00100	1	04/15/2022 20:32	WG1849402
Bromomethane	U		0.000605	0.00500	1	04/15/2022 20:32	WG1849402
n-Butylbenzene	U		0.000157	0.00100	1	04/15/2022 20:32	WG1849402
sec-Butylbenzene	U		0.000125	0.00100	1	04/15/2022 20:32	WG1849402
Carbon disulfide	U		0.0000962	0.00100	1	04/15/2022 20:32	WG1849402

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Carbon tetrachloride	U		0.000128	0.00100	1	04/15/2022 20:32	WG1849402
Chlorobenzene	U		0.000116	0.00100	1	04/15/2022 20:32	WG1849402
Chlorodibromomethane	U		0.000140	0.00100	1	04/15/2022 20:32	WG1849402
Chloroethane	U		0.000192	0.00500	1	04/15/2022 20:32	WG1849402
Chloroform	U		0.000111	0.00500	1	04/15/2022 20:32	WG1849402
Chloromethane	U		0.000960	0.00250	1	04/15/2022 20:32	WG1849402
1,2-Dibromoethane	U		0.000126	0.00100	1	04/15/2022 20:32	WG1849402
1,1-Dichloroethane	U		0.000100	0.00100	1	04/15/2022 20:32	WG1849402
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/15/2022 20:32	WG1849402
1,1-Dichloroethene	U		0.000188	0.00100	1	04/15/2022 20:32	WG1849402
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/15/2022 20:32	WG1849402
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/15/2022 20:32	WG1849402
1,2-Dichloropropane	U		0.000149	0.00100	1	04/15/2022 20:32	WG1849402
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/15/2022 20:32	WG1849402
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/15/2022 20:32	WG1849402
Ethylbenzene	U		0.000137	0.00100	1	04/15/2022 20:32	WG1849402
Isopropylbenzene	U		0.000105	0.00100	1	04/15/2022 20:32	WG1849402
p-Isopropyltoluene	U		0.000120	0.00100	1	04/15/2022 20:32	WG1849402
2-Butanone (MEK)	U		0.00119	0.0100	1	04/15/2022 20:32	WG1849402
2-Hexanone	U		0.000787	0.0100	1	04/15/2022 20:32	WG1849402
Methylene Chloride	U		0.000430	0.00500	1	04/15/2022 20:32	WG1849402
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/15/2022 20:32	WG1849402
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/15/2022 20:32	WG1849402
Naphthalene	U		0.00100	0.00500	1	04/15/2022 20:32	WG1849402
n-Propylbenzene	U		0.0000993	0.00100	1	04/15/2022 20:32	WG1849402
Styrene	U		0.000118	0.00100	1	04/15/2022 20:32	WG1849402
tert-Butyl alcohol	U		0.00406	0.00500	1	04/15/2022 20:32	WG1849402
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/15/2022 20:32	WG1849402
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/15/2022 20:32	WG1849402
Tetrachloroethene	U		0.000300	0.00100	1	04/15/2022 20:32	WG1849402
Toluene	U		0.000278	0.00100	1	04/15/2022 20:32	WG1849402
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/15/2022 20:32	WG1849402
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/15/2022 20:32	WG1849402
Trichloroethene	U		0.000190	0.00100	1	04/15/2022 20:32	WG1849402
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/15/2022 20:32	WG1849402
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/15/2022 20:32	WG1849402
Vinyl chloride	U		0.000234	0.00100	1	04/15/2022 20:32	WG1849402
o-Xylene	U		0.000174	0.00100	1	04/15/2022 20:32	WG1849402
m&p-Xylene	U		0.000430	0.00200	1	04/15/2022 20:32	WG1849402
Xylenes, Total	U		0.000174	0.00300	1	04/15/2022 20:32	WG1849402
(S) Toluene-d8	*108*			*80.0-120*		*04/15/2022 20:32*	WG1849402
(S) 4-Bromofluorobenzene	*96.7*			*77.0-126*		*04/15/2022 20:32*	WG1849402
(S) 1,2-Dichloroethane-d4	*115*			*70.0-130*		*04/15/2022 20:32*	WG1849402

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.281	B	0.0247	0.100	1	04/22/2022 23:11	WG1850880
(S) o-Terphenyl	*86.3*			*31.0-160*		*04/22/2022 23:11*	WG1850880

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	7000		200	1	04/20/2022 18:25	WG1850657
Dissolved Solids	11800	Q	200	1	05/07/2022 23:12	WG1860458

Wet Chemistry by Method 353.2

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	0.795		0.0500	0.100	1	04/19/2022 22:36	WG1851011

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	4860		37.9	100	100	04/22/2022 07:57	WG1849197
Fluoride	1.08		0.0640	0.150	1	04/22/2022 07:41	WG1849197
Sulfate	2920		59.4	500	100	04/22/2022 07:57	WG1849197

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00637		0.000180	0.00200	1	04/21/2022 16:19	WG1850307
Arsenic,Dissolved	0.00553		0.000180	0.00200	1	04/21/2022 11:25	WG1850287
Barium	0.0219		0.000381	0.00200	1	04/21/2022 16:19	WG1850307
Barium,Dissolved	0.0233		0.000381	0.00200	1	04/21/2022 11:25	WG1850287
Calcium	890		0.0936	1.00	1	04/21/2022 16:19	WG1850307
Chromium	U		0.00124	0.00200	1	04/21/2022 16:19	WG1850307
Chromium,Dissolved	U		0.00124	0.00200	1	04/21/2022 11:25	WG1850287
Iron	0.543		0.0281	0.100	1	04/21/2022 16:19	WG1850307
Iron,Dissolved	0.224		0.0281	0.100	1	04/21/2022 11:25	WG1850287
Lead	U		0.000849	0.00200	1	04/21/2022 16:19	WG1850307
Lead,Dissolved	U		0.000849	0.00200	1	04/21/2022 11:25	WG1850287
Manganese	2.06		0.000704	0.00500	1	04/21/2022 16:19	WG1850307
Manganese,Dissolved	2.05		0.000704	0.00500	1	04/21/2022 11:25	WG1850287
Potassium	14.7		0.108	2.00	1	04/21/2022 16:19	WG1850307
Selenium	0.00122	J	0.000300	0.00200	1	04/21/2022 16:19	WG1850307
Selenium,Dissolved	0.000675	J	0.000300	0.00200	1	04/21/2022 11:25	WG1850287
Sodium	2220		1.88	10.0	5	04/21/2022 18:40	WG1850307

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	0.256	B	0.0314	0.100	1	04/18/2022 11:58	WG1849514
(S) a,a,a-Trifluorotoluene(FID)	*97.4*			*78.0-120*		*04/18/2022 11:58*	WG1849514

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/15/2022 20:53	WG1849402
Benzene	U		0.0000941	0.00100	1	04/15/2022 20:53	WG1849402
Bromodichloromethane	U		0.000136	0.00100	1	04/15/2022 20:53	WG1849402
Bromoform	U		0.000129	0.00100	1	04/15/2022 20:53	WG1849402
Bromomethane	U		0.000605	0.00500	1	04/15/2022 20:53	WG1849402
n-Butylbenzene	U		0.000157	0.00100	1	04/15/2022 20:53	WG1849402
sec-Butylbenzene	U		0.000125	0.00100	1	04/15/2022 20:53	WG1849402
Carbon disulfide	U		0.0000962	0.00100	1	04/15/2022 20:53	WG1849402

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Carbon tetrachloride	U		0.000128	0.00100	1	04/15/2022 20:53	WG1849402
Chlorobenzene	U		0.000116	0.00100	1	04/15/2022 20:53	WG1849402
Chlorodibromomethane	U		0.000140	0.00100	1	04/15/2022 20:53	WG1849402
Chloroethane	U		0.000192	0.00500	1	04/15/2022 20:53	WG1849402
Chloroform	U		0.000111	0.00500	1	04/15/2022 20:53	WG1849402
Chloromethane	U		0.000960	0.00250	1	04/15/2022 20:53	WG1849402
1,2-Dibromoethane	U		0.000126	0.00100	1	04/15/2022 20:53	WG1849402
1,1-Dichloroethane	U		0.000100	0.00100	1	04/15/2022 20:53	WG1849402
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/15/2022 20:53	WG1849402
1,1-Dichloroethene	U		0.000188	0.00100	1	04/15/2022 20:53	WG1849402
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/15/2022 20:53	WG1849402
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/15/2022 20:53	WG1849402
1,2-Dichloropropane	U		0.000149	0.00100	1	04/15/2022 20:53	WG1849402
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/15/2022 20:53	WG1849402
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/15/2022 20:53	WG1849402
Ethylbenzene	U		0.000137	0.00100	1	04/15/2022 20:53	WG1849402
Isopropylbenzene	U		0.000105	0.00100	1	04/15/2022 20:53	WG1849402
p-Isopropyltoluene	U		0.000120	0.00100	1	04/15/2022 20:53	WG1849402
2-Butanone (MEK)	U		0.00119	0.0100	1	04/15/2022 20:53	WG1849402
2-Hexanone	U		0.000787	0.0100	1	04/15/2022 20:53	WG1849402
Methylene Chloride	U		0.000430	0.00500	1	04/15/2022 20:53	WG1849402
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/15/2022 20:53	WG1849402
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/15/2022 20:53	WG1849402
Naphthalene	U		0.00100	0.00500	1	04/15/2022 20:53	WG1849402
n-Propylbenzene	U		0.0000993	0.00100	1	04/15/2022 20:53	WG1849402
Styrene	U		0.000118	0.00100	1	04/15/2022 20:53	WG1849402
tert-Butyl alcohol	U		0.00406	0.00500	1	04/15/2022 20:53	WG1849402
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/15/2022 20:53	WG1849402
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/15/2022 20:53	WG1849402
Tetrachloroethene	U		0.000300	0.00100	1	04/15/2022 20:53	WG1849402
Toluene	U		0.000278	0.00100	1	04/15/2022 20:53	WG1849402
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/15/2022 20:53	WG1849402
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/15/2022 20:53	WG1849402
Trichloroethene	U		0.000190	0.00100	1	04/15/2022 20:53	WG1849402
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/15/2022 20:53	WG1849402
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/15/2022 20:53	WG1849402
Vinyl chloride	U		0.000234	0.00100	1	04/15/2022 20:53	WG1849402
o-Xylene	U		0.000174	0.00100	1	04/15/2022 20:53	WG1849402
m&p-Xylene	U		0.000430	0.00200	1	04/15/2022 20:53	WG1849402
Xylenes, Total	U		0.000174	0.00300	1	04/15/2022 20:53	WG1849402
(S) Toluene-d8	*107*			*80.0-120*		*04/15/2022 20:53*	WG1849402
(S) 4-Bromofluorobenzene	*106*			*77.0-126*		*04/15/2022 20:53*	WG1849402
(S) 1,2-Dichloroethane-d4	*117*			*70.0-130*		*04/15/2022 20:53*	WG1849402

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.686		0.0247	0.100	1	04/23/2022 00:29	WG1850880
(S) o-Terphenyl	*89.5*			*31.0-160*		*04/23/2022 00:29*	WG1850880

Semi Volatile Organic Compounds (GC/MS) by Method 8270 C-mod

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,4-Dioxane	U		0.0000447	0.000400	1	04/19/2022 02:02	WG1849821
(S) Nitrobenzene-d5	*52.6*			*10.0-120*		*04/19/2022 02:02*	WG1849821

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	6500		200	1	04/20/2022 18:25	WG1850657
Dissolved Solids	10400	Q	200	1	05/07/2022 23:12	WG1860458

Wet Chemistry by Method 353.2

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	0.242		0.0500	0.100	1	04/19/2022 22:37	WG1851011

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	2930		37.9	100	100	04/22/2022 08:28	WG1849197
Fluoride	1.79		0.0640	0.150	1	04/22/2022 08:12	WG1849197
Sulfate	4010		59.4	500	100	04/22/2022 08:28	WG1849197

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.0953		0.000180	0.00200	1	04/21/2022 16:22	WG1850307
Arsenic,Dissolved	0.0639		0.000180	0.00200	1	04/21/2022 11:28	WG1850287
Barium	0.0142		0.000381	0.00200	1	04/21/2022 16:22	WG1850307
Barium,Dissolved	0.0140		0.000381	0.00200	1	04/21/2022 11:28	WG1850287
Calcium	662		0.0936	1.00	1	04/21/2022 16:22	WG1850307
Chromium	0.00201		0.00124	0.00200	1	04/21/2022 16:22	WG1850307
Chromium,Dissolved	U		0.00124	0.00200	1	04/21/2022 11:28	WG1850287
Iron	11.8		0.0281	0.100	1	04/21/2022 16:22	WG1850307
Iron,Dissolved	5.05		0.0281	0.100	1	04/21/2022 11:28	WG1850287
Lead	U		0.000849	0.00200	1	04/21/2022 16:22	WG1850307
Lead,Dissolved	U		0.000849	0.00200	1	04/21/2022 11:28	WG1850287
Manganese	2.76		0.000704	0.00500	1	04/21/2022 16:22	WG1850307
Manganese,Dissolved	2.87		0.000704	0.00500	1	04/21/2022 11:28	WG1850287
Potassium	6.09		0.108	2.00	1	04/21/2022 16:22	WG1850307
Selenium	0.00126	J	0.000300	0.00200	1	04/21/2022 16:22	WG1850307
Selenium,Dissolved	0.00120	J	0.000300	0.00200	1	04/21/2022 11:28	WG1850287
Sodium	2200		1.88	10.0	5	04/21/2022 18:44	WG1850307

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	1.43		0.0314	0.100	1	04/18/2022 12:19	WG1849514
(S) a,a,a-Trifluorotoluene(FID)	*97.7*			*78.0-120*		*04/18/2022 12:19*	WG1849514

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/15/2022 21:13	WG1849402
Benzene	U		0.0000941	0.00100	1	04/15/2022 21:13	WG1849402
Bromodichloromethane	U		0.000136	0.00100	1	04/15/2022 21:13	WG1849402
Bromoform	U		0.000129	0.00100	1	04/15/2022 21:13	WG1849402
Bromomethane	U		0.000605	0.00500	1	04/15/2022 21:13	WG1849402
n-Butylbenzene	U		0.000157	0.00100	1	04/15/2022 21:13	WG1849402
sec-Butylbenzene	U		0.000125	0.00100	1	04/15/2022 21:13	WG1849402
Carbon disulfide	U		0.0000962	0.00100	1	04/15/2022 21:13	WG1849402

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Carbon tetrachloride	U		0.000128	0.00100	1	04/15/2022 21:13	WG1849402
Chlorobenzene	U		0.000116	0.00100	1	04/15/2022 21:13	WG1849402
Chlorodibromomethane	U		0.000140	0.00100	1	04/15/2022 21:13	WG1849402
Chloroethane	U		0.000192	0.00500	1	04/15/2022 21:13	WG1849402
Chloroform	U		0.000111	0.00500	1	04/15/2022 21:13	WG1849402
Chloromethane	U		0.000960	0.00250	1	04/15/2022 21:13	WG1849402
1,2-Dibromoethane	U		0.000126	0.00100	1	04/15/2022 21:13	WG1849402
1,1-Dichloroethane	U		0.000100	0.00100	1	04/15/2022 21:13	WG1849402
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/15/2022 21:13	WG1849402
1,1-Dichloroethene	U		0.000188	0.00100	1	04/15/2022 21:13	WG1849402
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/15/2022 21:13	WG1849402
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/15/2022 21:13	WG1849402
1,2-Dichloropropane	U		0.000149	0.00100	1	04/15/2022 21:13	WG1849402
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/15/2022 21:13	WG1849402
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/15/2022 21:13	WG1849402
Ethylbenzene	U		0.000137	0.00100	1	04/15/2022 21:13	WG1849402
Isopropylbenzene	U		0.000105	0.00100	1	04/15/2022 21:13	WG1849402
p-Isopropyltoluene	U		0.000120	0.00100	1	04/15/2022 21:13	WG1849402
2-Butanone (MEK)	U		0.00119	0.0100	1	04/15/2022 21:13	WG1849402
2-Hexanone	U		0.000787	0.0100	1	04/15/2022 21:13	WG1849402
Methylene Chloride	U		0.000430	0.00500	1	04/15/2022 21:13	WG1849402
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/15/2022 21:13	WG1849402
Methyl tert-butyl ether	0.00130		0.000101	0.00100	1	04/15/2022 21:13	WG1849402
Naphthalene	U		0.00100	0.00500	1	04/15/2022 21:13	WG1849402
n-Propylbenzene	U		0.0000993	0.00100	1	04/15/2022 21:13	WG1849402
Styrene	U		0.000118	0.00100	1	04/15/2022 21:13	WG1849402
tert-Butyl alcohol	0.0569		0.00406	0.00500	1	04/15/2022 21:13	WG1849402
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/15/2022 21:13	WG1849402
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/15/2022 21:13	WG1849402
Tetrachloroethene	U		0.000300	0.00100	1	04/15/2022 21:13	WG1849402
Toluene	U		0.000278	0.00100	1	04/15/2022 21:13	WG1849402
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/15/2022 21:13	WG1849402
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/15/2022 21:13	WG1849402
Trichloroethene	U		0.000190	0.00100	1	04/15/2022 21:13	WG1849402
1,2,4-Trimethylbenzene	0.000840	J	0.000322	0.00100	1	04/15/2022 21:13	WG1849402
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/15/2022 21:13	WG1849402
Vinyl chloride	U		0.000234	0.00100	1	04/15/2022 21:13	WG1849402
o-Xylene	U		0.000174	0.00100	1	04/15/2022 21:13	WG1849402
m&p-Xylene	U		0.000430	0.00200	1	04/15/2022 21:13	WG1849402
Xylenes, Total	U		0.000174	0.00300	1	04/15/2022 21:13	WG1849402
(S) Toluene-d8	*106*			*80.0-120*		*04/15/2022 21:13*	WG1849402
(S) 4-Bromofluorobenzene	*106*			*77.0-126*		*04/15/2022 21:13*	WG1849402
(S) 1,2-Dichloroethane-d4	*111*			*70.0-130*		*04/15/2022 21:13*	WG1849402

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	3.79		0.0247	0.100	1	04/23/2022 00:54	WG1850880
(S) o-Terphenyl	*95.8*			*31.0-160*		*04/23/2022 00:54*	WG1850880

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	ND		50.0	1	04/20/2022 18:25	WG1850657

Sample Narrative:

L1482377-11 WG1850657: Duplicate analysis was performed to confirm

Wet Chemistry by Method 353.2

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	U		0.0500	0.100	1	04/19/2022 22:38	WG1851011

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	U		0.379	1.00	1	04/22/2022 08:43	WG1849197
Fluoride	U		0.0640	0.150	1	04/22/2022 08:43	WG1849197
Sulfate	U		0.594	5.00	1	04/22/2022 08:43	WG1849197

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	U		0.000180	0.00200	1	04/21/2022 16:26	WG1850307
Arsenic,Dissolved	U		0.000180	0.00200	1	04/21/2022 11:38	WG1850287
Barium	U		0.000381	0.00200	1	04/21/2022 16:26	WG1850307
Barium,Dissolved	0.000399	J	0.000381	0.00200	1	04/21/2022 11:38	WG1850287
Calcium	0.131	B J	0.0936	1.00	1	04/21/2022 16:26	WG1850307
Chromium	0.00293		0.00124	0.00200	1	04/21/2022 16:26	WG1850307
Chromium,Dissolved	U		0.00124	0.00200	1	04/21/2022 11:38	WG1850287
Iron	0.0444	J	0.0281	0.100	1	04/21/2022 16:26	WG1850307
Iron,Dissolved	U		0.0281	0.100	1	04/21/2022 11:38	WG1850287
Lead	U		0.000849	0.00200	1	04/21/2022 16:26	WG1850307
Lead,Dissolved	U		0.000849	0.00200	1	04/21/2022 11:38	WG1850287
Manganese	0.00499	B J	0.000704	0.00500	1	04/21/2022 16:26	WG1850307
Manganese,Dissolved	0.000916	J	0.000704	0.00500	1	04/21/2022 11:38	WG1850287
Potassium	U		0.108	2.00	1	04/21/2022 16:26	WG1850307
Selenium	U		0.000300	0.00200	1	04/21/2022 16:26	WG1850307
Selenium,Dissolved	U		0.000300	0.00200	1	04/21/2022 11:38	WG1850287
Sodium	0.821	J	0.376	2.00	1	04/21/2022 16:26	WG1850307

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	U		0.0314	0.100	1	04/18/2022 07:34	WG1849514
(S) a,a,a-Trifluorotoluene(FID)	*97.6*			*78.0-120*		*04/18/2022 07:34*	WG1849514

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/15/2022 17:29	WG1849402
Benzene	U		0.0000941	0.00100	1	04/15/2022 17:29	WG1849402
Bromodichloromethane	U		0.000136	0.00100	1	04/15/2022 17:29	WG1849402
Bromoform	U		0.000129	0.00100	1	04/15/2022 17:29	WG1849402
Bromomethane	U		0.000605	0.00500	1	04/15/2022 17:29	WG1849402
n-Butylbenzene	U		0.000157	0.00100	1	04/15/2022 17:29	WG1849402

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
sec-Butylbenzene	U		0.000125	0.00100	1	04/15/2022 17:29	WG1849402
Carbon disulfide	U		0.0000962	0.00100	1	04/15/2022 17:29	WG1849402
Carbon tetrachloride	U		0.000128	0.00100	1	04/15/2022 17:29	WG1849402
Chlorobenzene	U		0.000116	0.00100	1	04/15/2022 17:29	WG1849402
Chlorodibromomethane	U		0.000140	0.00100	1	04/15/2022 17:29	WG1849402
Chloroethane	U		0.000192	0.00500	1	04/15/2022 17:29	WG1849402
Chloroform	U		0.000111	0.00500	1	04/15/2022 17:29	WG1849402
Chloromethane	U		0.000960	0.00250	1	04/15/2022 17:29	WG1849402
1,2-Dibromoethane	U		0.000126	0.00100	1	04/15/2022 17:29	WG1849402
1,1-Dichloroethane	U		0.000100	0.00100	1	04/15/2022 17:29	WG1849402
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/15/2022 17:29	WG1849402
1,1-Dichloroethene	U		0.000188	0.00100	1	04/15/2022 17:29	WG1849402
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/15/2022 17:29	WG1849402
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/15/2022 17:29	WG1849402
1,2-Dichloropropane	U		0.000149	0.00100	1	04/15/2022 17:29	WG1849402
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/15/2022 17:29	WG1849402
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/15/2022 17:29	WG1849402
Ethylbenzene	U		0.000137	0.00100	1	04/15/2022 17:29	WG1849402
Isopropylbenzene	U		0.000105	0.00100	1	04/15/2022 17:29	WG1849402
p-Isopropyltoluene	U		0.000120	0.00100	1	04/15/2022 17:29	WG1849402
2-Butanone (MEK)	U		0.00119	0.0100	1	04/15/2022 17:29	WG1849402
2-Hexanone	U		0.000787	0.0100	1	04/15/2022 17:29	WG1849402
Methylene Chloride	U		0.000430	0.00500	1	04/15/2022 17:29	WG1849402
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/15/2022 17:29	WG1849402
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/15/2022 17:29	WG1849402
Naphthalene	U		0.00100	0.00500	1	04/15/2022 17:29	WG1849402
n-Propylbenzene	U		0.0000993	0.00100	1	04/15/2022 17:29	WG1849402
Styrene	U		0.000118	0.00100	1	04/15/2022 17:29	WG1849402
tert-Butyl alcohol	U		0.00406	0.00500	1	04/15/2022 17:29	WG1849402
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/15/2022 17:29	WG1849402
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/15/2022 17:29	WG1849402
Tetrachloroethene	U		0.000300	0.00100	1	04/15/2022 17:29	WG1849402
Toluene	U		0.000278	0.00100	1	04/15/2022 17:29	WG1849402
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/15/2022 17:29	WG1849402
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/15/2022 17:29	WG1849402
Trichloroethene	U		0.000190	0.00100	1	04/15/2022 17:29	WG1849402
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/15/2022 17:29	WG1849402
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/15/2022 17:29	WG1849402
Vinyl chloride	U		0.000234	0.00100	1	04/15/2022 17:29	WG1849402
o-Xylene	U		0.000174	0.00100	1	04/15/2022 17:29	WG1849402
m&p-Xylene	U		0.000430	0.00200	1	04/15/2022 17:29	WG1849402
Xylenes, Total	U		0.000174	0.00300	1	04/15/2022 17:29	WG1849402
(S) Toluene-d8	*102*			*80.0-120*		*04/15/2022 17:29*	WG1849402
(S) 4-Bromofluorobenzene	*96.4*			*77.0-126*		*04/15/2022 17:29*	WG1849402
(S) 1,2-Dichloroethane-d4	*113*			*70.0-130*		*04/15/2022 17:29*	WG1849402

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.0469	J	0.0247	0.100	1	04/22/2022 14:09	WG1851590
(S) o-Terphenyl	*109*			*31.0-160*		*04/22/2022 14:09*	WG1851590

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	ND		50.0	1	04/20/2022 18:25	WG1850657

Sample Narrative:

L1482377-12 WG1850657: Duplicate analysis was performed to confirm

Wet Chemistry by Method 353.2

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	U		0.0500	0.100	1	04/19/2022 22:39	WG1851011

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	U		0.379	1.00	1	04/22/2022 09:29	WG1849197
Fluoride	U		0.0640	0.150	1	04/22/2022 09:29	WG1849197
Sulfate	U		0.594	5.00	1	04/22/2022 09:29	WG1849197

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	U		0.000180	0.00200	1	04/21/2022 16:29	WG1850307
Arsenic,Dissolved	U		0.000180	0.00200	1	04/21/2022 11:42	WG1850287
Barium	0.000630	B J	0.000381	0.00200	1	04/21/2022 16:29	WG1850307
Barium,Dissolved	0.000815	J	0.000381	0.00200	1	04/21/2022 11:42	WG1850287
Calcium	0.204	B J	0.0936	1.00	1	04/21/2022 16:29	WG1850307
Chromium	0.00260		0.00124	0.00200	1	04/21/2022 16:29	WG1850307
Chromium,Dissolved	U		0.00124	0.00200	1	04/21/2022 11:42	WG1850287
Iron	U		0.0281	0.100	1	04/21/2022 16:29	WG1850307
Iron,Dissolved	U		0.0281	0.100	1	04/21/2022 11:42	WG1850287
Lead	U		0.000849	0.00200	1	04/21/2022 16:29	WG1850307
Lead,Dissolved	U		0.000849	0.00200	1	04/21/2022 11:42	WG1850287
Manganese	0.00239	B J	0.000704	0.00500	1	04/21/2022 16:29	WG1850307
Manganese,Dissolved	0.000733	J	0.000704	0.00500	1	04/21/2022 11:42	WG1850287
Potassium	U		0.108	2.00	1	04/21/2022 16:29	WG1850307
Selenium	U		0.000300	0.00200	1	04/21/2022 16:29	WG1850307
Selenium,Dissolved	U		0.000300	0.00200	1	04/21/2022 11:42	WG1850287
Sodium	0.750	J	0.376	2.00	1	04/21/2022 16:29	WG1850307

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	0.0318	B J	0.0314	0.100	1	04/18/2022 08:01	WG1849514
(S) a,a,a-Trifluorotoluene(FID)	*97.9*			*78.0-120*		*04/18/2022 08:01*	WG1849514

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/15/2022 17:50	WG1849402
Benzene	U		0.0000941	0.00100	1	04/15/2022 17:50	WG1849402
Bromodichloromethane	U		0.000136	0.00100	1	04/15/2022 17:50	WG1849402
Bromoform	U		0.000129	0.00100	1	04/15/2022 17:50	WG1849402
Bromomethane	U		0.000605	0.00500	1	04/15/2022 17:50	WG1849402
n-Butylbenzene	U		0.000157	0.00100	1	04/15/2022 17:50	WG1849402

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
sec-Butylbenzene	U		0.000125	0.00100	1	04/15/2022 17:50	WG1849402
Carbon disulfide	U		0.0000962	0.00100	1	04/15/2022 17:50	WG1849402
Carbon tetrachloride	U		0.000128	0.00100	1	04/15/2022 17:50	WG1849402
Chlorobenzene	U		0.000116	0.00100	1	04/15/2022 17:50	WG1849402
Chlorodibromomethane	U		0.000140	0.00100	1	04/15/2022 17:50	WG1849402
Chloroethane	U		0.000192	0.00500	1	04/15/2022 17:50	WG1849402
Chloroform	U		0.000111	0.00500	1	04/15/2022 17:50	WG1849402
Chloromethane	U		0.000960	0.00250	1	04/15/2022 17:50	WG1849402
1,2-Dibromoethane	U		0.000126	0.00100	1	04/15/2022 17:50	WG1849402
1,1-Dichloroethane	U		0.000100	0.00100	1	04/15/2022 17:50	WG1849402
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/15/2022 17:50	WG1849402
1,1-Dichloroethene	U		0.000188	0.00100	1	04/15/2022 17:50	WG1849402
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/15/2022 17:50	WG1849402
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/15/2022 17:50	WG1849402
1,2-Dichloropropane	U		0.000149	0.00100	1	04/15/2022 17:50	WG1849402
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/15/2022 17:50	WG1849402
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/15/2022 17:50	WG1849402
Ethylbenzene	U		0.000137	0.00100	1	04/15/2022 17:50	WG1849402
Isopropylbenzene	U		0.000105	0.00100	1	04/15/2022 17:50	WG1849402
p-Isopropyltoluene	U		0.000120	0.00100	1	04/15/2022 17:50	WG1849402
2-Butanone (MEK)	U		0.00119	0.0100	1	04/15/2022 17:50	WG1849402
2-Hexanone	U		0.000787	0.0100	1	04/15/2022 17:50	WG1849402
Methylene Chloride	U		0.000430	0.00500	1	04/15/2022 17:50	WG1849402
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/15/2022 17:50	WG1849402
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/15/2022 17:50	WG1849402
Naphthalene	U		0.00100	0.00500	1	04/15/2022 17:50	WG1849402
n-Propylbenzene	U		0.0000993	0.00100	1	04/15/2022 17:50	WG1849402
Styrene	U		0.000118	0.00100	1	04/15/2022 17:50	WG1849402
tert-Butyl alcohol	U		0.00406	0.00500	1	04/15/2022 17:50	WG1849402
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/15/2022 17:50	WG1849402
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/15/2022 17:50	WG1849402
Tetrachloroethene	U		0.000300	0.00100	1	04/15/2022 17:50	WG1849402
Toluene	U		0.000278	0.00100	1	04/15/2022 17:50	WG1849402
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/15/2022 17:50	WG1849402
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/15/2022 17:50	WG1849402
Trichloroethene	U		0.000190	0.00100	1	04/15/2022 17:50	WG1849402
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/15/2022 17:50	WG1849402
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/15/2022 17:50	WG1849402
Vinyl chloride	U		0.000234	0.00100	1	04/15/2022 17:50	WG1849402
o-Xylene	U		0.000174	0.00100	1	04/15/2022 17:50	WG1849402
m&p-Xylene	U		0.000430	0.00200	1	04/15/2022 17:50	WG1849402
Xylenes, Total	U		0.000174	0.00300	1	04/15/2022 17:50	WG1849402
(S) Toluene-d8	*103*			*80.0-120*		*04/15/2022 17:50*	WG1849402
(S) 4-Bromofluorobenzene	*99.3*			*77.0-126*		*04/15/2022 17:50*	WG1849402
(S) 1,2-Dichloroethane-d4	*117*			*70.0-130*		*04/15/2022 17:50*	WG1849402

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.0329	J	0.0247	0.100	1	04/22/2022 14:33	WG1851590
(S) o-Terphenyl	*107*			*31.0-160*		*04/22/2022 14:33*	WG1851590

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/15/2022 17:09	WG1849402
Benzene	0.000124	J	0.0000941	0.00100	1	04/15/2022 17:09	WG1849402
Bromodichloromethane	U		0.000136	0.00100	1	04/15/2022 17:09	WG1849402
Bromoform	U		0.000129	0.00100	1	04/15/2022 17:09	WG1849402
Bromomethane	U		0.000605	0.00500	1	04/15/2022 17:09	WG1849402
n-Butylbenzene	U		0.000157	0.00100	1	04/15/2022 17:09	WG1849402
sec-Butylbenzene	U		0.000125	0.00100	1	04/15/2022 17:09	WG1849402
Carbon disulfide	0.000115	J	0.0000962	0.00100	1	04/15/2022 17:09	WG1849402
Carbon tetrachloride	U		0.000128	0.00100	1	04/15/2022 17:09	WG1849402
Chlorobenzene	U		0.000116	0.00100	1	04/15/2022 17:09	WG1849402
Chlorodibromomethane	U		0.000140	0.00100	1	04/15/2022 17:09	WG1849402
Chloroethane	U		0.000192	0.00500	1	04/15/2022 17:09	WG1849402
Chloroform	U		0.000111	0.00500	1	04/15/2022 17:09	WG1849402
Chloromethane	U		0.000960	0.00250	1	04/15/2022 17:09	WG1849402
1,2-Dibromoethane	U		0.000126	0.00100	1	04/15/2022 17:09	WG1849402
1,1-Dichloroethane	U		0.000100	0.00100	1	04/15/2022 17:09	WG1849402
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/15/2022 17:09	WG1849402
1,1-Dichloroethene	U		0.000188	0.00100	1	04/15/2022 17:09	WG1849402
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/15/2022 17:09	WG1849402
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/15/2022 17:09	WG1849402
1,2-Dichloropropane	U		0.000149	0.00100	1	04/15/2022 17:09	WG1849402
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/15/2022 17:09	WG1849402
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/15/2022 17:09	WG1849402
Ethylbenzene	U		0.000137	0.00100	1	04/15/2022 17:09	WG1849402
Isopropylbenzene	U		0.000105	0.00100	1	04/15/2022 17:09	WG1849402
p-Isopropyltoluene	U		0.000120	0.00100	1	04/15/2022 17:09	WG1849402
2-Butanone (MEK)	U		0.00119	0.0100	1	04/15/2022 17:09	WG1849402
2-Hexanone	U		0.000787	0.0100	1	04/15/2022 17:09	WG1849402
Methylene Chloride	U		0.000430	0.00500	1	04/15/2022 17:09	WG1849402
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/15/2022 17:09	WG1849402
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/15/2022 17:09	WG1849402
Naphthalene	U		0.00100	0.00500	1	04/15/2022 17:09	WG1849402
n-Propylbenzene	U		0.0000993	0.00100	1	04/15/2022 17:09	WG1849402
Styrene	U		0.000118	0.00100	1	04/15/2022 17:09	WG1849402
tert-Butyl alcohol	U		0.00406	0.00500	1	04/15/2022 17:09	WG1849402
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/15/2022 17:09	WG1849402
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/15/2022 17:09	WG1849402
Tetrachloroethene	U		0.000300	0.00100	1	04/15/2022 17:09	WG1849402
Toluene	U		0.000278	0.00100	1	04/15/2022 17:09	WG1849402
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/15/2022 17:09	WG1849402
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/15/2022 17:09	WG1849402
Trichloroethene	U		0.000190	0.00100	1	04/15/2022 17:09	WG1849402
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/15/2022 17:09	WG1849402
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/15/2022 17:09	WG1849402
Vinyl chloride	U		0.000234	0.00100	1	04/15/2022 17:09	WG1849402
o-Xylene	U		0.000174	0.00100	1	04/15/2022 17:09	WG1849402
m&p-Xylene	U		0.000430	0.00200	1	04/15/2022 17:09	WG1849402
Xylenes, Total	U		0.000174	0.00300	1	04/15/2022 17:09	WG1849402
(S) Toluene-d8	*106*			*80.0-120*		*04/15/2022 17:09*	WG1849402
(S) 4-Bromofluorobenzene	*96.1*			*77.0-126*		*04/15/2022 17:09*	WG1849402
(S) 1,2-Dichloroethane-d4	*114*			*70.0-130*		*04/15/2022 17:09*	WG1849402

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	3390		100	1	04/20/2022 18:25	WG1850657
Dissolved Solids	5500	Q	100	1	05/07/2022 23:12	WG1860458

Wet Chemistry by Method 353.2

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	U		0.0500	0.100	1	04/20/2022 02:41	WG1851024

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	1190		37.9	100	100	04/22/2022 10:31	WG1849197
Fluoride	2.52		0.0640	0.150	1	04/22/2022 10:15	WG1849197
Sulfate	2340		59.4	500	100	04/22/2022 10:31	WG1849197

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00235		0.000180	0.00200	1	04/21/2022 16:59	WG1850307
Arsenic,Dissolved	0.00215		0.000180	0.00200	1	04/21/2022 11:45	WG1850287
Barium	0.0181		0.000381	0.00200	1	04/21/2022 16:59	WG1850307
Barium,Dissolved	0.0163		0.000381	0.00200	1	04/21/2022 11:45	WG1850287
Calcium	471		0.0936	1.00	1	04/21/2022 16:59	WG1850307
Chromium	0.00532		0.00124	0.00200	1	04/21/2022 16:59	WG1850307
Chromium,Dissolved	U		0.00124	0.00200	1	04/21/2022 11:45	WG1850287
Iron	0.224		0.0281	0.100	1	04/21/2022 16:59	WG1850307
Iron,Dissolved	0.114		0.0281	0.100	1	04/21/2022 11:45	WG1850287
Lead	U		0.000849	0.00200	1	04/21/2022 16:59	WG1850307
Lead,Dissolved	U		0.000849	0.00200	1	04/21/2022 11:45	WG1850287
Manganese	0.205		0.000704	0.00500	1	04/21/2022 16:59	WG1850307
Manganese,Dissolved	0.346		0.000704	0.00500	1	04/21/2022 11:45	WG1850287
Potassium	2.40		0.108	2.00	1	04/21/2022 16:59	WG1850307
Selenium	0.000402	J	0.000300	0.00200	1	04/21/2022 16:59	WG1850307
Selenium,Dissolved	0.000659	J	0.000300	0.00200	1	04/21/2022 11:45	WG1850287
Sodium	869		1.88	10.0	5	04/21/2022 18:47	WG1850307

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	0.0387	B J	0.0314	0.100	1	04/18/2022 12:41	WG1849514
(S) a,a,a-Trifluorotoluene(FID)	*98.3*			*78.0-120*		*04/18/2022 12:41*	WG1849514

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/15/2022 21:33	WG1849402
Benzene	U		0.0000941	0.00100	1	04/15/2022 21:33	WG1849402
Bromodichloromethane	U		0.000136	0.00100	1	04/15/2022 21:33	WG1849402
Bromoform	U		0.000129	0.00100	1	04/15/2022 21:33	WG1849402
Bromomethane	U		0.000605	0.00500	1	04/15/2022 21:33	WG1849402
n-Butylbenzene	U		0.000157	0.00100	1	04/15/2022 21:33	WG1849402
sec-Butylbenzene	U		0.000125	0.00100	1	04/15/2022 21:33	WG1849402
Carbon disulfide	U		0.0000962	0.00100	1	04/15/2022 21:33	WG1849402

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Carbon tetrachloride	U		0.000128	0.00100	1	04/15/2022 21:33	WG1849402
Chlorobenzene	U		0.000116	0.00100	1	04/15/2022 21:33	WG1849402
Chlorodibromomethane	U		0.000140	0.00100	1	04/15/2022 21:33	WG1849402
Chloroethane	U		0.000192	0.00500	1	04/15/2022 21:33	WG1849402
Chloroform	U		0.000111	0.00500	1	04/15/2022 21:33	WG1849402
Chloromethane	U		0.000960	0.00250	1	04/15/2022 21:33	WG1849402
1,2-Dibromoethane	U		0.000126	0.00100	1	04/15/2022 21:33	WG1849402
1,1-Dichloroethane	U		0.000100	0.00100	1	04/15/2022 21:33	WG1849402
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/15/2022 21:33	WG1849402
1,1-Dichloroethene	U		0.000188	0.00100	1	04/15/2022 21:33	WG1849402
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/15/2022 21:33	WG1849402
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/15/2022 21:33	WG1849402
1,2-Dichloropropane	U		0.000149	0.00100	1	04/15/2022 21:33	WG1849402
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/15/2022 21:33	WG1849402
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/15/2022 21:33	WG1849402
Ethylbenzene	U		0.000137	0.00100	1	04/15/2022 21:33	WG1849402
Isopropylbenzene	U		0.000105	0.00100	1	04/15/2022 21:33	WG1849402
p-Isopropyltoluene	U		0.000120	0.00100	1	04/15/2022 21:33	WG1849402
2-Butanone (MEK)	U		0.00119	0.0100	1	04/15/2022 21:33	WG1849402
2-Hexanone	U		0.000787	0.0100	1	04/15/2022 21:33	WG1849402
Methylene Chloride	U		0.000430	0.00500	1	04/15/2022 21:33	WG1849402
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/15/2022 21:33	WG1849402
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/15/2022 21:33	WG1849402
Naphthalene	U		0.00100	0.00500	1	04/15/2022 21:33	WG1849402
n-Propylbenzene	U		0.0000993	0.00100	1	04/15/2022 21:33	WG1849402
Styrene	U		0.000118	0.00100	1	04/15/2022 21:33	WG1849402
tert-Butyl alcohol	U		0.00406	0.00500	1	04/15/2022 21:33	WG1849402
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/15/2022 21:33	WG1849402
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/15/2022 21:33	WG1849402
Tetrachloroethene	U		0.000300	0.00100	1	04/15/2022 21:33	WG1849402
Toluene	U		0.000278	0.00100	1	04/15/2022 21:33	WG1849402
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/15/2022 21:33	WG1849402
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/15/2022 21:33	WG1849402
Trichloroethene	U		0.000190	0.00100	1	04/15/2022 21:33	WG1849402
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/15/2022 21:33	WG1849402
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/15/2022 21:33	WG1849402
Vinyl chloride	U		0.000234	0.00100	1	04/15/2022 21:33	WG1849402
o-Xylene	U		0.000174	0.00100	1	04/15/2022 21:33	WG1849402
m&p-Xylene	U		0.000430	0.00200	1	04/15/2022 21:33	WG1849402
Xylenes, Total	U		0.000174	0.00300	1	04/15/2022 21:33	WG1849402
(S) Toluene-d8	*107*			*80.0-120*		*04/15/2022 21:33*	WG1849402
(S) 4-Bromofluorobenzene	*97.2*			*77.0-126*		*04/15/2022 21:33*	WG1849402
(S) 1,2-Dichloroethane-d4	*112*			*70.0-130*		*04/15/2022 21:33*	WG1849402

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.176		0.0247	0.100	1	04/22/2022 14:56	WG1851590
(S) o-Terphenyl	*109*			*31.0-160*		*04/22/2022 14:56*	WG1851590

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	3730		100	1	04/20/2022 18:25	WG1850657
Dissolved Solids	5210	Q	100	1	05/07/2022 23:12	WG1860458

Wet Chemistry by Method 353.2

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	0.177		0.0500	0.100	1	04/20/2022 02:46	WG1851024

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	1450		37.9	100	100	04/22/2022 11:02	WG1849197
Fluoride	0.709		0.0640	0.150	1	04/22/2022 10:46	WG1849197
Sulfate	2070		59.4	500	100	04/22/2022 11:02	WG1849197

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00129	J	0.000180	0.00200	1	04/21/2022 17:02	WG1850307
Arsenic,Dissolved	0.00113	J	0.000180	0.00200	1	04/21/2022 11:48	WG1850287
Barium	0.0208		0.000381	0.00200	1	04/21/2022 17:02	WG1850307
Barium,Dissolved	0.0191		0.000381	0.00200	1	04/21/2022 11:48	WG1850287
Calcium	588		0.0936	1.00	1	04/21/2022 17:02	WG1850307
Chromium	0.00128	J	0.00124	0.00200	1	04/21/2022 17:02	WG1850307
Chromium,Dissolved	U		0.00124	0.00200	1	04/21/2022 11:48	WG1850287
Iron	0.752		0.0281	0.100	1	04/21/2022 17:02	WG1850307
Iron,Dissolved	0.866		0.0281	0.100	1	04/21/2022 11:48	WG1850287
Lead	U		0.000849	0.00200	1	04/21/2022 17:02	WG1850307
Lead,Dissolved	U		0.000849	0.00200	1	04/21/2022 11:48	WG1850287
Manganese	0.414		0.000704	0.00500	1	04/21/2022 17:02	WG1850307
Manganese,Dissolved	0.743		0.000704	0.00500	1	04/21/2022 11:48	WG1850287
Potassium	5.40		0.108	2.00	1	04/21/2022 17:02	WG1850307
Selenium	U		0.000300	0.00200	1	04/21/2022 17:02	WG1850307
Selenium,Dissolved	U		0.000300	0.00200	1	04/21/2022 11:48	WG1850287
Sodium	810		0.376	2.00	1	04/21/2022 17:02	WG1850307

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	0.0328	B J	0.0314	0.100	1	04/18/2022 13:02	WG1849514
(S) a,a,a-Trifluorotoluene(FID)	*98.6*			*78.0-120*		*04/18/2022 13:02*	WG1849514

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/15/2022 21:53	WG1849402
Benzene	U		0.0000941	0.00100	1	04/15/2022 21:53	WG1849402
Bromodichloromethane	U		0.000136	0.00100	1	04/15/2022 21:53	WG1849402
Bromoform	U		0.000129	0.00100	1	04/15/2022 21:53	WG1849402
Bromomethane	U		0.000605	0.00500	1	04/15/2022 21:53	WG1849402
n-Butylbenzene	U		0.000157	0.00100	1	04/15/2022 21:53	WG1849402
sec-Butylbenzene	U		0.000125	0.00100	1	04/15/2022 21:53	WG1849402
Carbon disulfide	U		0.0000962	0.00100	1	04/15/2022 21:53	WG1849402

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Carbon tetrachloride	U		0.000128	0.00100	1	04/15/2022 21:53	WG1849402
Chlorobenzene	U		0.000116	0.00100	1	04/15/2022 21:53	WG1849402
Chlorodibromomethane	U		0.000140	0.00100	1	04/15/2022 21:53	WG1849402
Chloroethane	U		0.000192	0.00500	1	04/15/2022 21:53	WG1849402
Chloroform	U		0.000111	0.00500	1	04/15/2022 21:53	WG1849402
Chloromethane	U		0.000960	0.00250	1	04/15/2022 21:53	WG1849402
1,2-Dibromoethane	U		0.000126	0.00100	1	04/15/2022 21:53	WG1849402
1,1-Dichloroethane	U		0.000100	0.00100	1	04/15/2022 21:53	WG1849402
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/15/2022 21:53	WG1849402
1,1-Dichloroethene	U		0.000188	0.00100	1	04/15/2022 21:53	WG1849402
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/15/2022 21:53	WG1849402
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/15/2022 21:53	WG1849402
1,2-Dichloropropane	U		0.000149	0.00100	1	04/15/2022 21:53	WG1849402
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/15/2022 21:53	WG1849402
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/15/2022 21:53	WG1849402
Ethylbenzene	U		0.000137	0.00100	1	04/15/2022 21:53	WG1849402
Isopropylbenzene	U		0.000105	0.00100	1	04/15/2022 21:53	WG1849402
p-Isopropyltoluene	U		0.000120	0.00100	1	04/15/2022 21:53	WG1849402
2-Butanone (MEK)	U		0.00119	0.0100	1	04/15/2022 21:53	WG1849402
2-Hexanone	U		0.000787	0.0100	1	04/15/2022 21:53	WG1849402
Methylene Chloride	U		0.000430	0.00500	1	04/15/2022 21:53	WG1849402
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/15/2022 21:53	WG1849402
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/15/2022 21:53	WG1849402
Naphthalene	U		0.00100	0.00500	1	04/15/2022 21:53	WG1849402
n-Propylbenzene	U		0.0000993	0.00100	1	04/15/2022 21:53	WG1849402
Styrene	U		0.000118	0.00100	1	04/15/2022 21:53	WG1849402
tert-Butyl alcohol	U		0.00406	0.00500	1	04/15/2022 21:53	WG1849402
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/15/2022 21:53	WG1849402
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/15/2022 21:53	WG1849402
Tetrachloroethene	U		0.000300	0.00100	1	04/15/2022 21:53	WG1849402
Toluene	U		0.000278	0.00100	1	04/15/2022 21:53	WG1849402
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/15/2022 21:53	WG1849402
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/15/2022 21:53	WG1849402
Trichloroethene	U		0.000190	0.00100	1	04/15/2022 21:53	WG1849402
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/15/2022 21:53	WG1849402
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/15/2022 21:53	WG1849402
Vinyl chloride	U		0.000234	0.00100	1	04/15/2022 21:53	WG1849402
o-Xylene	U		0.000174	0.00100	1	04/15/2022 21:53	WG1849402
m&p-Xylene	U		0.000430	0.00200	1	04/15/2022 21:53	WG1849402
Xylenes, Total	U		0.000174	0.00300	1	04/15/2022 21:53	WG1849402
(S) Toluene-d8	*105*			*80.0-120*		*04/15/2022 21:53*	WG1849402
(S) 4-Bromofluorobenzene	*96.1*			*77.0-126*		*04/15/2022 21:53*	WG1849402
(S) 1,2-Dichloroethane-d4	*119*			*70.0-130*		*04/15/2022 21:53*	WG1849402

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.0656	J	0.0247	0.100	1	04/22/2022 15:20	WG1851590
(S) o-Terphenyl	*106*			*31.0-160*		*04/22/2022 15:20*	WG1851590

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	2550		50.0	1	04/19/2022 18:10	WG1851013
Dissolved Solids	3310	Q	50.0	1	05/07/2022 23:12	WG1860458

Wet Chemistry by Method 353.2

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	0.113		0.0500	0.100	1	04/20/2022 02:47	WG1851024

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	595		37.9	100	100	04/22/2022 11:33	WG1849197
Fluoride	0.809		0.0640	0.150	1	04/22/2022 11:17	WG1849197
Sulfate	1500		59.4	500	100	04/22/2022 11:33	WG1849197

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.000875	J	0.000180	0.00200	1	04/21/2022 17:05	WG1850307
Arsenic,Dissolved	0.000735	J	0.000180	0.00200	1	04/21/2022 11:51	WG1850287
Barium	0.0174		0.000381	0.00200	1	04/21/2022 17:05	WG1850307
Barium,Dissolved	0.0174		0.000381	0.00200	1	04/21/2022 11:51	WG1850287
Calcium	402		0.0936	1.00	1	04/21/2022 17:05	WG1850307
Chromium	0.00147	J	0.00124	0.00200	1	04/21/2022 17:05	WG1850307
Chromium,Dissolved	U		0.00124	0.00200	1	04/21/2022 11:51	WG1850287
Iron	0.0805	J	0.0281	0.100	1	04/21/2022 17:05	WG1850307
Iron,Dissolved	U		0.0281	0.100	1	04/21/2022 11:51	WG1850287
Lead	U		0.000849	0.00200	1	04/21/2022 17:05	WG1850307
Lead,Dissolved	U		0.000849	0.00200	1	04/21/2022 11:51	WG1850287
Manganese	0.110		0.000704	0.00500	1	04/21/2022 17:05	WG1850307
Manganese,Dissolved	0.123		0.000704	0.00500	1	04/21/2022 11:51	WG1850287
Potassium	7.11		0.108	2.00	1	04/21/2022 17:05	WG1850307
Selenium	U		0.000300	0.00200	1	04/21/2022 17:05	WG1850307
Selenium,Dissolved	U		0.000300	0.00200	1	04/21/2022 11:51	WG1850287
Sodium	420		0.376	2.00	1	04/21/2022 17:05	WG1850307

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	U		0.0314	0.100	1	04/18/2022 13:24	WG1849514
(S) a,a,a-Trifluorotoluene(FID)	*98.4*			*78.0-120*		*04/18/2022 13:24*	WG1849514

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/15/2022 22:14	WG1849402
Benzene	U		0.0000941	0.00100	1	04/15/2022 22:14	WG1849402
Bromodichloromethane	U		0.000136	0.00100	1	04/15/2022 22:14	WG1849402
Bromoform	U		0.000129	0.00100	1	04/15/2022 22:14	WG1849402
Bromomethane	U		0.000605	0.00500	1	04/15/2022 22:14	WG1849402
n-Butylbenzene	U		0.000157	0.00100	1	04/15/2022 22:14	WG1849402
sec-Butylbenzene	U		0.000125	0.00100	1	04/15/2022 22:14	WG1849402
Carbon disulfide	U		0.0000962	0.00100	1	04/15/2022 22:14	WG1849402

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Carbon tetrachloride	U		0.000128	0.00100	1	04/15/2022 22:14	WG1849402
Chlorobenzene	U		0.000116	0.00100	1	04/15/2022 22:14	WG1849402
Chlorodibromomethane	U		0.000140	0.00100	1	04/15/2022 22:14	WG1849402
Chloroethane	U		0.000192	0.00500	1	04/15/2022 22:14	WG1849402
Chloroform	U		0.000111	0.00500	1	04/15/2022 22:14	WG1849402
Chloromethane	U		0.000960	0.00250	1	04/15/2022 22:14	WG1849402
1,2-Dibromoethane	U		0.000126	0.00100	1	04/15/2022 22:14	WG1849402
1,1-Dichloroethane	U		0.000100	0.00100	1	04/15/2022 22:14	WG1849402
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/15/2022 22:14	WG1849402
1,1-Dichloroethene	U		0.000188	0.00100	1	04/15/2022 22:14	WG1849402
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/15/2022 22:14	WG1849402
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/15/2022 22:14	WG1849402
1,2-Dichloropropane	U		0.000149	0.00100	1	04/15/2022 22:14	WG1849402
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/15/2022 22:14	WG1849402
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/15/2022 22:14	WG1849402
Ethylbenzene	U		0.000137	0.00100	1	04/15/2022 22:14	WG1849402
Isopropylbenzene	U		0.000105	0.00100	1	04/15/2022 22:14	WG1849402
p-Isopropyltoluene	U		0.000120	0.00100	1	04/15/2022 22:14	WG1849402
2-Butanone (MEK)	U		0.00119	0.0100	1	04/15/2022 22:14	WG1849402
2-Hexanone	U		0.000787	0.0100	1	04/15/2022 22:14	WG1849402
Methylene Chloride	U		0.000430	0.00500	1	04/15/2022 22:14	WG1849402
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/15/2022 22:14	WG1849402
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/15/2022 22:14	WG1849402
Naphthalene	U		0.00100	0.00500	1	04/15/2022 22:14	WG1849402
n-Propylbenzene	U		0.0000993	0.00100	1	04/15/2022 22:14	WG1849402
Styrene	U		0.000118	0.00100	1	04/15/2022 22:14	WG1849402
tert-Butyl alcohol	U		0.00406	0.00500	1	04/15/2022 22:14	WG1849402
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/15/2022 22:14	WG1849402
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/15/2022 22:14	WG1849402
Tetrachloroethene	U		0.000300	0.00100	1	04/15/2022 22:14	WG1849402
Toluene	U		0.000278	0.00100	1	04/15/2022 22:14	WG1849402
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/15/2022 22:14	WG1849402
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/15/2022 22:14	WG1849402
Trichloroethene	U		0.000190	0.00100	1	04/15/2022 22:14	WG1849402
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/15/2022 22:14	WG1849402
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/15/2022 22:14	WG1849402
Vinyl chloride	U		0.000234	0.00100	1	04/15/2022 22:14	WG1849402
o-Xylene	U		0.000174	0.00100	1	04/15/2022 22:14	WG1849402
m&p-Xylene	U		0.000430	0.00200	1	04/15/2022 22:14	WG1849402
Xylenes, Total	U		0.000174	0.00300	1	04/15/2022 22:14	WG1849402
(S) Toluene-d8	*103*			*80.0-120*		*04/15/2022 22:14*	WG1849402
(S) 4-Bromofluorobenzene	*96.4*			*77.0-126*		*04/15/2022 22:14*	WG1849402
(S) 1,2-Dichloroethane-d4	*119*			*70.0-130*		*04/15/2022 22:14*	WG1849402

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.0720	J	0.0247	0.100	1	04/22/2022 15:43	WG1851590
(S) o-Terphenyl	*107*			*31.0-160*		*04/22/2022 15:43*	WG1851590

Semi Volatile Organic Compounds (GC/MS) by Method 8270 C-mod

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,4-Dioxane	U		0.0000447	0.000400	1	04/19/2022 02:22	WG1849821
(S) Nitrobenzene-d5	*70.0*			*10.0-120*		*04/19/2022 02:22*	WG1849821

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	4720		200	1	04/20/2022 18:25	WG1850657
Dissolved Solids	11600	Q	200	1	05/07/2022 23:12	WG1860458

Wet Chemistry by Method 353.2

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	0.0754	J	0.0500	0.100	1	04/20/2022 02:52	WG1851024

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	4590		37.9	100	100	04/22/2022 12:03	WG1849197
Fluoride	0.390		0.0640	0.150	1	04/22/2022 11:48	WG1849197
Sulfate	3260		59.4	500	100	04/22/2022 12:03	WG1849197

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00216		0.000180	0.00200	1	04/21/2022 17:09	WG1850307
Arsenic,Dissolved	0.00128	J	0.000180	0.00200	1	04/21/2022 11:55	WG1850287
Barium	0.0212		0.000381	0.00200	1	04/21/2022 17:09	WG1850307
Barium,Dissolved	0.0214		0.000381	0.00200	1	04/21/2022 11:55	WG1850287
Calcium	769		0.0936	1.00	1	04/21/2022 17:09	WG1850307
Chromium	0.00249		0.00124	0.00200	1	04/21/2022 17:09	WG1850307
Chromium,Dissolved	U		0.00124	0.00200	1	04/21/2022 11:55	WG1850287
Iron	1.41		0.0281	0.100	1	04/21/2022 17:09	WG1850307
Iron,Dissolved	0.801		0.0281	0.100	1	04/21/2022 11:55	WG1850287
Lead	U		0.000849	0.00200	1	04/21/2022 17:09	WG1850307
Lead,Dissolved	U		0.000849	0.00200	1	04/21/2022 11:55	WG1850287
Manganese	0.0678		0.000704	0.00500	1	04/21/2022 17:09	WG1850307
Manganese,Dissolved	0.0890		0.000704	0.00500	1	04/21/2022 11:55	WG1850287
Potassium	29.2		0.108	2.00	1	04/21/2022 17:09	WG1850307
Selenium	U		0.000300	0.00200	1	04/21/2022 17:09	WG1850307
Selenium,Dissolved	U		0.000300	0.00200	1	04/21/2022 11:55	WG1850287
Sodium	2430		1.88	10.0	5	04/21/2022 18:50	WG1850307

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	U		0.0314	0.100	1	04/18/2022 13:45	WG1849514
(S) a,a,a-Trifluorotoluene(FID)	*97.9*			*78.0-120*		*04/18/2022 13:45*	WG1849514

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/15/2022 22:34	WG1849402
Benzene	U		0.0000941	0.00100	1	04/15/2022 22:34	WG1849402
Bromodichloromethane	U		0.000136	0.00100	1	04/15/2022 22:34	WG1849402
Bromoform	U		0.000129	0.00100	1	04/15/2022 22:34	WG1849402
Bromomethane	U		0.000605	0.00500	1	04/15/2022 22:34	WG1849402
n-Butylbenzene	U		0.000157	0.00100	1	04/15/2022 22:34	WG1849402
sec-Butylbenzene	U		0.000125	0.00100	1	04/15/2022 22:34	WG1849402
Carbon disulfide	U		0.0000962	0.00100	1	04/15/2022 22:34	WG1849402

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Carbon tetrachloride	U		0.000128	0.00100	1	04/15/2022 22:34	WG1849402
Chlorobenzene	U		0.000116	0.00100	1	04/15/2022 22:34	WG1849402
Chlorodibromomethane	U		0.000140	0.00100	1	04/15/2022 22:34	WG1849402
Chloroethane	U		0.000192	0.00500	1	04/15/2022 22:34	WG1849402
Chloroform	U		0.000111	0.00500	1	04/15/2022 22:34	WG1849402
Chloromethane	U		0.000960	0.00250	1	04/15/2022 22:34	WG1849402
1,2-Dibromoethane	U		0.000126	0.00100	1	04/15/2022 22:34	WG1849402
1,1-Dichloroethane	U		0.000100	0.00100	1	04/15/2022 22:34	WG1849402
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/15/2022 22:34	WG1849402
1,1-Dichloroethene	U		0.000188	0.00100	1	04/15/2022 22:34	WG1849402
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/15/2022 22:34	WG1849402
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/15/2022 22:34	WG1849402
1,2-Dichloropropane	U		0.000149	0.00100	1	04/15/2022 22:34	WG1849402
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/15/2022 22:34	WG1849402
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/15/2022 22:34	WG1849402
Ethylbenzene	U		0.000137	0.00100	1	04/15/2022 22:34	WG1849402
Isopropylbenzene	U		0.000105	0.00100	1	04/15/2022 22:34	WG1849402
p-Isopropyltoluene	U		0.000120	0.00100	1	04/15/2022 22:34	WG1849402
2-Butanone (MEK)	U		0.00119	0.0100	1	04/15/2022 22:34	WG1849402
2-Hexanone	U		0.000787	0.0100	1	04/15/2022 22:34	WG1849402
Methylene Chloride	U		0.000430	0.00500	1	04/15/2022 22:34	WG1849402
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/15/2022 22:34	WG1849402
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/15/2022 22:34	WG1849402
Naphthalene	U		0.00100	0.00500	1	04/15/2022 22:34	WG1849402
n-Propylbenzene	U		0.0000993	0.00100	1	04/15/2022 22:34	WG1849402
Styrene	U		0.000118	0.00100	1	04/15/2022 22:34	WG1849402
tert-Butyl alcohol	U		0.00406	0.00500	1	04/15/2022 22:34	WG1849402
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/15/2022 22:34	WG1849402
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/15/2022 22:34	WG1849402
Tetrachloroethene	U		0.000300	0.00100	1	04/15/2022 22:34	WG1849402
Toluene	U		0.000278	0.00100	1	04/15/2022 22:34	WG1849402
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/15/2022 22:34	WG1849402
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/15/2022 22:34	WG1849402
Trichloroethene	U		0.000190	0.00100	1	04/15/2022 22:34	WG1849402
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/15/2022 22:34	WG1849402
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/15/2022 22:34	WG1849402
Vinyl chloride	U		0.000234	0.00100	1	04/15/2022 22:34	WG1849402
o-Xylene	U		0.000174	0.00100	1	04/15/2022 22:34	WG1849402
m&p-Xylene	U		0.000430	0.00200	1	04/15/2022 22:34	WG1849402
Xylenes, Total	U		0.000174	0.00300	1	04/15/2022 22:34	WG1849402
(S) Toluene-d8	*100*			*80.0-120*		*04/15/2022 22:34*	WG1849402
(S) 4-Bromofluorobenzene	*97.4*			*77.0-126*		*04/15/2022 22:34*	WG1849402
(S) 1,2-Dichloroethane-d4	*120*			*70.0-130*		*04/15/2022 22:34*	WG1849402

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.0558	J	0.0247	0.100	1	04/22/2022 16:06	WG1851590
(S) o-Terphenyl	*112*			*31.0-160*		*04/22/2022 16:06*	WG1851590

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	16400		400	1	04/19/2022 18:10	WG1851013
Dissolved Solids	19000	Q	400	1	05/07/2022 23:12	WG1860458

Wet Chemistry by Method 353.2

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	0.693		0.0500	0.100	1	04/20/2022 02:54	WG1851024

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	8990		37.9	100	100	04/22/2022 12:34	WG1849197
Fluoride	U		0.0640	0.150	1	04/22/2022 12:19	WG1849197
Sulfate	3480		59.4	500	100	04/22/2022 12:34	WG1849197

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.000586	J	0.000180	0.00200	1	04/21/2022 17:12	WG1850307
Arsenic,Dissolved	0.000399	J	0.000180	0.00200	1	04/21/2022 11:58	WG1850287
Barium	0.0240		0.000381	0.00200	1	04/21/2022 17:12	WG1850307
Barium,Dissolved	0.0241		0.000381	0.00200	1	04/21/2022 11:58	WG1850287
Calcium	1050		0.936	10.0	10	04/21/2022 19:14	WG1850307
Chromium	0.0183		0.00124	0.00200	1	04/21/2022 17:12	WG1850307
Chromium,Dissolved	U		0.00124	0.00200	1	04/21/2022 11:58	WG1850287
Iron	1.36		0.0281	0.100	1	04/21/2022 17:12	WG1850307
Iron,Dissolved	0.329		0.0281	0.100	1	04/21/2022 11:58	WG1850287
Lead	U		0.000849	0.00200	1	04/21/2022 17:12	WG1850307
Lead,Dissolved	U		0.000849	0.00200	1	04/21/2022 11:58	WG1850287
Manganese	0.201		0.000704	0.00500	1	04/21/2022 17:12	WG1850307
Manganese,Dissolved	0.256		0.000704	0.00500	1	04/21/2022 11:58	WG1850287
Potassium	18.1		0.108	2.00	1	04/21/2022 17:12	WG1850307
Selenium	U		0.000300	0.00200	1	04/21/2022 17:12	WG1850307
Selenium,Dissolved	U		0.000300	0.00200	1	04/21/2022 11:58	WG1850287
Sodium	4570		3.76	20.0	10	04/21/2022 19:14	WG1850307

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	U		0.0314	0.100	1	04/18/2022 10:55	WG1849976
(S) a,a,a-Trifluorotoluene(FID)	*108*			*78.0-120*		*04/18/2022 10:55*	WG1849976

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/15/2022 22:54	WG1849402
Benzene	U		0.0000941	0.00100	1	04/15/2022 22:54	WG1849402
Bromodichloromethane	U		0.000136	0.00100	1	04/15/2022 22:54	WG1849402
Bromoform	U		0.000129	0.00100	1	04/15/2022 22:54	WG1849402
Bromomethane	U		0.000605	0.00500	1	04/15/2022 22:54	WG1849402
n-Butylbenzene	U		0.000157	0.00100	1	04/15/2022 22:54	WG1849402
sec-Butylbenzene	U		0.000125	0.00100	1	04/15/2022 22:54	WG1849402
Carbon disulfide	U		0.0000962	0.00100	1	04/15/2022 22:54	WG1849402

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Carbon tetrachloride	U		0.000128	0.00100	1	04/15/2022 22:54	WG1849402
Chlorobenzene	U		0.000116	0.00100	1	04/15/2022 22:54	WG1849402
Chlorodibromomethane	U		0.000140	0.00100	1	04/15/2022 22:54	WG1849402
Chloroethane	U		0.000192	0.00500	1	04/15/2022 22:54	WG1849402
Chloroform	U		0.000111	0.00500	1	04/15/2022 22:54	WG1849402
Chloromethane	U		0.000960	0.00250	1	04/15/2022 22:54	WG1849402
1,2-Dibromoethane	U		0.000126	0.00100	1	04/15/2022 22:54	WG1849402
1,1-Dichloroethane	U		0.000100	0.00100	1	04/15/2022 22:54	WG1849402
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/15/2022 22:54	WG1849402
1,1-Dichloroethene	U		0.000188	0.00100	1	04/15/2022 22:54	WG1849402
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/15/2022 22:54	WG1849402
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/15/2022 22:54	WG1849402
1,2-Dichloropropane	U		0.000149	0.00100	1	04/15/2022 22:54	WG1849402
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/15/2022 22:54	WG1849402
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/15/2022 22:54	WG1849402
Ethylbenzene	U		0.000137	0.00100	1	04/15/2022 22:54	WG1849402
Isopropylbenzene	U		0.000105	0.00100	1	04/15/2022 22:54	WG1849402
p-Isopropyltoluene	U		0.000120	0.00100	1	04/15/2022 22:54	WG1849402
2-Butanone (MEK)	U		0.00119	0.0100	1	04/15/2022 22:54	WG1849402
2-Hexanone	U		0.000787	0.0100	1	04/15/2022 22:54	WG1849402
Methylene Chloride	U		0.000430	0.00500	1	04/15/2022 22:54	WG1849402
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/15/2022 22:54	WG1849402
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/15/2022 22:54	WG1849402
Naphthalene	U		0.00100	0.00500	1	04/15/2022 22:54	WG1849402
n-Propylbenzene	U		0.0000993	0.00100	1	04/15/2022 22:54	WG1849402
Styrene	U		0.000118	0.00100	1	04/15/2022 22:54	WG1849402
tert-Butyl alcohol	U		0.00406	0.00500	1	04/15/2022 22:54	WG1849402
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/15/2022 22:54	WG1849402
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/15/2022 22:54	WG1849402
Tetrachloroethene	U		0.000300	0.00100	1	04/15/2022 22:54	WG1849402
Toluene	U		0.000278	0.00100	1	04/15/2022 22:54	WG1849402
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/15/2022 22:54	WG1849402
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/15/2022 22:54	WG1849402
Trichloroethene	U		0.000190	0.00100	1	04/15/2022 22:54	WG1849402
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/15/2022 22:54	WG1849402
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/15/2022 22:54	WG1849402
Vinyl chloride	U		0.000234	0.00100	1	04/15/2022 22:54	WG1849402
o-Xylene	U		0.000174	0.00100	1	04/15/2022 22:54	WG1849402
m&p-Xylene	U		0.000430	0.00200	1	04/15/2022 22:54	WG1849402
Xylenes, Total	U		0.000174	0.00300	1	04/15/2022 22:54	WG1849402
(S) Toluene-d8	*103*			*80.0-120*		*04/15/2022 22:54*	WG1849402
(S) 4-Bromofluorobenzene	*99.6*			*77.0-126*		*04/15/2022 22:54*	WG1849402
(S) 1,2-Dichloroethane-d4	*122*			*70.0-130*		*04/15/2022 22:54*	WG1849402

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.0464	J	0.0247	0.100	1	04/22/2022 16:29	WG1851590
(S) o-Terphenyl	*102*			*31.0-160*		*04/22/2022 16:29*	WG1851590

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	8280		200	1	04/20/2022 18:25	WG1850657
Dissolved Solids	12200	Q	200	1	05/07/2022 23:12	WG1860458

Wet Chemistry by Method 353.2

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	U		0.0500	0.100	1	04/20/2022 02:57	WG1851024

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	4820		37.9	100	100	04/22/2022 13:36	WG1849197
Fluoride	0.348		0.0640	0.150	1	04/22/2022 13:20	WG1849197
Sulfate	3320		59.4	500	100	04/22/2022 13:36	WG1849197

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.0149		0.000180	0.00200	1	04/21/2022 17:15	WG1850307
Arsenic,Dissolved	0.00672		0.000180	0.00200	1	04/20/2022 23:07	WG1850289
Barium	0.0237		0.000381	0.00200	1	04/21/2022 17:15	WG1850307
Barium,Dissolved	0.0204	O1	0.000381	0.00200	1	04/20/2022 23:07	WG1850289
Calcium	787		0.0936	1.00	1	04/21/2022 17:15	WG1850307
Chromium	0.00180	J	0.00124	0.00200	1	04/21/2022 17:15	WG1850307
Chromium,Dissolved	U		0.00124	0.00200	1	04/20/2022 23:07	WG1850289
Iron	13.5		0.0281	0.100	1	04/21/2022 17:15	WG1850307
Iron,Dissolved	1.02		0.0281	0.100	1	04/20/2022 23:07	WG1850289
Lead	U		0.000849	0.00200	1	04/21/2022 17:15	WG1850307
Lead,Dissolved	U		0.000849	0.00200	1	04/20/2022 23:07	WG1850289
Manganese	0.171		0.000704	0.00500	1	04/21/2022 17:15	WG1850307
Manganese,Dissolved	0.152		0.000704	0.00500	1	04/20/2022 23:07	WG1850289
Potassium	36.5		0.108	2.00	1	04/21/2022 17:15	WG1850307
Selenium	U		0.000300	0.00200	1	04/21/2022 17:15	WG1850307
Selenium,Dissolved	U		0.000300	0.00200	1	04/20/2022 23:07	WG1850289
Sodium	2530		1.88	10.0	5	04/21/2022 19:17	WG1850307

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	0.428		0.0314	0.100	1	04/18/2022 11:16	WG1849976
(S) a,a,a-Trifluorotoluene(FID)	*108*			*78.0-120*		*04/18/2022 11:16*	WG1849976

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/15/2022 23:15	WG1849402
Benzene	U		0.0000941	0.00100	1	04/15/2022 23:15	WG1849402
Bromodichloromethane	U		0.000136	0.00100	1	04/15/2022 23:15	WG1849402
Bromoform	U		0.000129	0.00100	1	04/15/2022 23:15	WG1849402
Bromomethane	U		0.000605	0.00500	1	04/15/2022 23:15	WG1849402
n-Butylbenzene	U		0.000157	0.00100	1	04/15/2022 23:15	WG1849402
sec-Butylbenzene	U		0.000125	0.00100	1	04/15/2022 23:15	WG1849402
Carbon disulfide	U		0.0000962	0.00100	1	04/15/2022 23:15	WG1849402

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Carbon tetrachloride	U		0.000128	0.00100	1	04/15/2022 23:15	WG1849402
Chlorobenzene	U		0.000116	0.00100	1	04/15/2022 23:15	WG1849402
Chlorodibromomethane	U		0.000140	0.00100	1	04/15/2022 23:15	WG1849402
Chloroethane	U		0.000192	0.00500	1	04/15/2022 23:15	WG1849402
Chloroform	U		0.000111	0.00500	1	04/15/2022 23:15	WG1849402
Chloromethane	U		0.000960	0.00250	1	04/15/2022 23:15	WG1849402
1,2-Dibromoethane	U		0.000126	0.00100	1	04/15/2022 23:15	WG1849402
1,1-Dichloroethane	U		0.000100	0.00100	1	04/15/2022 23:15	WG1849402
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/15/2022 23:15	WG1849402
1,1-Dichloroethene	U		0.000188	0.00100	1	04/15/2022 23:15	WG1849402
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/15/2022 23:15	WG1849402
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/15/2022 23:15	WG1849402
1,2-Dichloropropane	U		0.000149	0.00100	1	04/15/2022 23:15	WG1849402
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/15/2022 23:15	WG1849402
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/15/2022 23:15	WG1849402
Ethylbenzene	U		0.000137	0.00100	1	04/15/2022 23:15	WG1849402
Isopropylbenzene	U		0.000105	0.00100	1	04/15/2022 23:15	WG1849402
p-Isopropyltoluene	U		0.000120	0.00100	1	04/15/2022 23:15	WG1849402
2-Butanone (MEK)	U		0.00119	0.0100	1	04/15/2022 23:15	WG1849402
2-Hexanone	U		0.000787	0.0100	1	04/15/2022 23:15	WG1849402
Methylene Chloride	U		0.000430	0.00500	1	04/15/2022 23:15	WG1849402
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/15/2022 23:15	WG1849402
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/15/2022 23:15	WG1849402
Naphthalene	U		0.00100	0.00500	1	04/15/2022 23:15	WG1849402
n-Propylbenzene	U		0.0000993	0.00100	1	04/15/2022 23:15	WG1849402
Styrene	U		0.000118	0.00100	1	04/15/2022 23:15	WG1849402
tert-Butyl alcohol	U		0.00406	0.00500	1	04/15/2022 23:15	WG1849402
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/15/2022 23:15	WG1849402
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/15/2022 23:15	WG1849402
Tetrachloroethene	U		0.000300	0.00100	1	04/15/2022 23:15	WG1849402
Toluene	U		0.000278	0.00100	1	04/15/2022 23:15	WG1849402
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/15/2022 23:15	WG1849402
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/15/2022 23:15	WG1849402
Trichloroethene	U		0.000190	0.00100	1	04/15/2022 23:15	WG1849402
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/15/2022 23:15	WG1849402
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/15/2022 23:15	WG1849402
Vinyl chloride	U		0.000234	0.00100	1	04/15/2022 23:15	WG1849402
o-Xylene	U		0.000174	0.00100	1	04/15/2022 23:15	WG1849402
m&p-Xylene	U		0.000430	0.00200	1	04/15/2022 23:15	WG1849402
Xylenes, Total	U		0.000174	0.00300	1	04/15/2022 23:15	WG1849402
(S) Toluene-d8	*103*			*80.0-120*		*04/15/2022 23:15*	WG1849402
(S) 4-Bromofluorobenzene	*109*			*77.0-126*		*04/15/2022 23:15*	WG1849402
(S) 1,2-Dichloroethane-d4	*122*			*70.0-130*		*04/15/2022 23:15*	WG1849402

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.954		0.0247	0.100	1	04/22/2022 16:53	WG1851590
(S) o-Terphenyl	*109*			*31.0-160*		*04/22/2022 16:53*	WG1851590

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	7980		200	1	04/20/2022 18:25	WG1850657
Dissolved Solids	12300	Q	200	1	05/07/2022 23:12	WG1860458

Wet Chemistry by Method 353.2

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	U		0.0500	0.100	1	04/20/2022 02:59	WG1851024

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	4040		37.9	100	100	04/22/2022 14:07	WG1849197
Fluoride	1.02		0.0640	0.150	1	04/22/2022 13:51	WG1849197
Sulfate	4760		59.4	500	100	04/22/2022 14:07	WG1849197

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00467		0.000180	0.00200	1	04/21/2022 17:19	WG1850307
Arsenic,Dissolved	0.00430		0.000180	0.00200	1	04/20/2022 23:20	WG1850289
Barium	0.0139		0.000381	0.00200	1	04/21/2022 17:19	WG1850307
Barium,Dissolved	0.0123		0.000381	0.00200	1	04/20/2022 23:20	WG1850289
Calcium	602		0.0936	1.00	1	04/21/2022 17:19	WG1850307
Chromium	0.00209		0.00124	0.00200	1	04/21/2022 17:19	WG1850307
Chromium,Dissolved	U		0.00124	0.00200	1	04/20/2022 23:20	WG1850289
Iron	0.181		0.0281	0.100	1	04/21/2022 17:19	WG1850307
Iron,Dissolved	0.0295	J	0.0281	0.100	1	04/20/2022 23:20	WG1850289
Lead	U		0.000849	0.00200	1	04/21/2022 17:19	WG1850307
Lead,Dissolved	U		0.000849	0.00200	1	04/20/2022 23:20	WG1850289
Manganese	0.0806		0.000704	0.00500	1	04/21/2022 17:19	WG1850307
Manganese,Dissolved	0.0431		0.000704	0.00500	1	04/20/2022 23:20	WG1850289
Potassium	20.2		0.108	2.00	1	04/21/2022 17:19	WG1850307
Selenium	0.000323	J	0.000300	0.00200	1	04/21/2022 17:19	WG1850307
Selenium,Dissolved	U		0.000300	0.00200	1	04/20/2022 23:20	WG1850289
Sodium	2430		1.88	10.0	5	04/21/2022 19:21	WG1850307

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	U		0.0314	0.100	1	04/18/2022 11:38	WG1849976
(S) a,a,a-Trifluorotoluene(FID)	*108*			*78.0-120*		*04/18/2022 11:38*	WG1849976

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/15/2022 23:35	WG1849402
Benzene	U		0.0000941	0.00100	1	04/15/2022 23:35	WG1849402
Bromodichloromethane	U		0.000136	0.00100	1	04/15/2022 23:35	WG1849402
Bromoform	U		0.000129	0.00100	1	04/15/2022 23:35	WG1849402
Bromomethane	U		0.000605	0.00500	1	04/15/2022 23:35	WG1849402
n-Butylbenzene	U		0.000157	0.00100	1	04/15/2022 23:35	WG1849402
sec-Butylbenzene	U		0.000125	0.00100	1	04/15/2022 23:35	WG1849402
Carbon disulfide	U		0.0000962	0.00100	1	04/15/2022 23:35	WG1849402

MW-67
Collected date/time: 04/12/22 09:10
L1482377

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Carbon tetrachloride	U		0.000128	0.00100	1	04/15/2022 23:35	WG1849402
Chlorobenzene	U		0.000116	0.00100	1	04/15/2022 23:35	WG1849402
Chlorodibromomethane	U		0.000140	0.00100	1	04/15/2022 23:35	WG1849402
Chloroethane	U		0.000192	0.00500	1	04/15/2022 23:35	WG1849402
Chloroform	U		0.000111	0.00500	1	04/15/2022 23:35	WG1849402
Chloromethane	U		0.000960	0.00250	1	04/15/2022 23:35	WG1849402
1,2-Dibromoethane	U		0.000126	0.00100	1	04/15/2022 23:35	WG1849402
1,1-Dichloroethane	U		0.000100	0.00100	1	04/15/2022 23:35	WG1849402
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/15/2022 23:35	WG1849402
1,1-Dichloroethene	U		0.000188	0.00100	1	04/15/2022 23:35	WG1849402
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/15/2022 23:35	WG1849402
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/15/2022 23:35	WG1849402
1,2-Dichloropropane	U		0.000149	0.00100	1	04/15/2022 23:35	WG1849402
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/15/2022 23:35	WG1849402
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/15/2022 23:35	WG1849402
Ethylbenzene	U		0.000137	0.00100	1	04/15/2022 23:35	WG1849402
Isopropylbenzene	U		0.000105	0.00100	1	04/15/2022 23:35	WG1849402
p-Isopropyltoluene	U		0.000120	0.00100	1	04/15/2022 23:35	WG1849402
2-Butanone (MEK)	U		0.00119	0.0100	1	04/15/2022 23:35	WG1849402
2-Hexanone	U		0.000787	0.0100	1	04/15/2022 23:35	WG1849402
Methylene Chloride	U		0.000430	0.00500	1	04/15/2022 23:35	WG1849402
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/15/2022 23:35	WG1849402
Methyl tert-butyl ether	0.000586	J	0.000101	0.00100	1	04/15/2022 23:35	WG1849402
Naphthalene	U		0.00100	0.00500	1	04/15/2022 23:35	WG1849402
n-Propylbenzene	U		0.0000993	0.00100	1	04/15/2022 23:35	WG1849402
Styrene	U		0.000118	0.00100	1	04/15/2022 23:35	WG1849402
tert-Butyl alcohol	U		0.00406	0.00500	1	04/15/2022 23:35	WG1849402
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/15/2022 23:35	WG1849402
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/15/2022 23:35	WG1849402
Tetrachloroethene	U		0.000300	0.00100	1	04/15/2022 23:35	WG1849402
Toluene	U		0.000278	0.00100	1	04/15/2022 23:35	WG1849402
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/15/2022 23:35	WG1849402
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/15/2022 23:35	WG1849402
Trichloroethene	U		0.000190	0.00100	1	04/15/2022 23:35	WG1849402
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/15/2022 23:35	WG1849402
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/15/2022 23:35	WG1849402
Vinyl chloride	U		0.000234	0.00100	1	04/15/2022 23:35	WG1849402
o-Xylene	U		0.000174	0.00100	1	04/15/2022 23:35	WG1849402
m&p-Xylene	U		0.000430	0.00200	1	04/15/2022 23:35	WG1849402
Xylenes, Total	U		0.000174	0.00300	1	04/15/2022 23:35	WG1849402
(S) Toluene-d8	*102*			*80.0-120*		*04/15/2022 23:35*	WG1849402
(S) 4-Bromofluorobenzene	*100*			*77.0-126*		*04/15/2022 23:35*	WG1849402
(S) 1,2-Dichloroethane-d4	*119*			*70.0-130*		*04/15/2022 23:35*	WG1849402

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.386		0.0247	0.100	1	04/23/2022 03:45	WG1851590
(S) o-Terphenyl	*117*			*31.0-160*		*04/23/2022 03:45*	WG1851590

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	15400		400	1	04/20/2022 18:25	WG1850657
Dissolved Solids	16500	Q	400	1	05/07/2022 23:12	WG1860458

Wet Chemistry by Method 353.2

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	U		0.0500	0.100	1	04/20/2022 03:00	WG1851024

Wet Chemistry by Method 4500CN E-2011

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Cyanide	U		0.00180	0.00500	1	04/19/2022 17:19	WG1849788

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	5400		37.9	100	100	04/22/2022 14:37	WG1849197
Fluoride	1.20		0.0640	0.150	1	04/22/2022 14:22	WG1849197
Sulfate	5730		59.4	500	100	04/22/2022 14:37	WG1849197

Mercury by Method 7470A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Mercury	U		0.000100	0.000200	1	04/27/2022 11:00	WG1848992
Mercury,Dissolved	U		0.000100	0.000200	1	04/27/2022 09:35	WG1848996

Metals (ICP) by Method 6010B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Boron	1.87		0.0200	0.200	1	04/22/2022 18:49	WG1850365
Boron,Dissolved	1.87		0.0200	0.200	1	04/22/2022 16:25	WG1850351

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00572		0.000180	0.00200	1	04/21/2022 17:22	WG1850307
Arsenic,Dissolved	0.00470		0.000180	0.00200	1	04/20/2022 23:24	WG1850289
Barium	0.0169		0.000381	0.00200	1	04/21/2022 17:22	WG1850307
Barium,Dissolved	0.0149		0.000381	0.00200	1	04/20/2022 23:24	WG1850289
Cadmium	U		0.000150	0.00100	1	04/21/2022 17:22	WG1850307
Cadmium,Dissolved	U		0.000150	0.00100	1	04/20/2022 23:24	WG1850289
Calcium	618		0.0936	1.00	1	04/21/2022 17:22	WG1850307
Chromium	0.00154	J	0.00124	0.00200	1	04/21/2022 17:22	WG1850307
Chromium,Dissolved	U		0.00124	0.00200	1	04/20/2022 23:24	WG1850289
Cobalt	0.00446		0.0000596	0.00200	1	04/21/2022 17:22	WG1850307
Cobalt,Dissolved	0.000273	J	0.0000596	0.00200	1	04/20/2022 23:24	WG1850289
Iron	0.864		0.0281	0.100	1	04/21/2022 17:22	WG1850307
Iron,Dissolved	U		0.0281	0.100	1	04/20/2022 23:24	WG1850289
Lead	U		0.000849	0.00200	1	04/21/2022 17:22	WG1850307
Lead,Dissolved	U		0.000849	0.00200	1	04/20/2022 23:24	WG1850289
Manganese	0.477		0.000704	0.00500	1	04/21/2022 17:22	WG1850307
Manganese,Dissolved	0.0515		0.000704	0.00500	1	04/20/2022 23:24	WG1850289
Nickel	0.0115		0.000816	0.00200	1	04/21/2022 21:48	WG1850307

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Nickel,Dissolved	0.00907		0.000816	0.00200	1	04/20/2022 23:24	WG1850289
Potassium	36.1		0.108	2.00	1	04/21/2022 17:22	WG1850307
Selenium	0.000709	J	0.000300	0.00200	1	04/21/2022 17:22	WG1850307
Selenium,Dissolved	0.000809	J	0.000300	0.00200	1	04/20/2022 23:24	WG1850289
Sodium	3100		1.88	10.0	5	04/21/2022 19:24	WG1850307
Uranium	0.0247		0.0000789	0.00100	1	04/21/2022 17:22	WG1850307
Uranium,Dissolved	0.0232		0.0000789	0.00100	1	04/20/2022 23:24	WG1850289
Vanadium	0.00196	B J	0.000664	0.00500	1	04/21/2022 17:22	WG1850307
Vanadium,Dissolved	0.000714	J	0.000664	0.00500	1	04/20/2022 23:24	WG1850289

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/18/2022 21:59	WG1850078
Benzene	0.000179	J	0.0000941	0.00100	1	04/18/2022 21:59	WG1850078
Bromodichloromethane	U		0.000136	0.00100	1	04/18/2022 21:59	WG1850078
Bromoform	U		0.000129	0.00100	1	04/18/2022 21:59	WG1850078
Bromomethane	U		0.000605	0.00500	1	04/18/2022 21:59	WG1850078
n-Butylbenzene	0.000420	B J	0.000157	0.00100	1	04/18/2022 21:59	WG1850078
sec-Butylbenzene	0.000154	J	0.000125	0.00100	1	04/18/2022 21:59	WG1850078
Carbon disulfide	0.000567	B J	0.0000962	0.00100	1	04/18/2022 21:59	WG1850078
Carbon tetrachloride	U		0.000128	0.00100	1	04/18/2022 21:59	WG1850078
Chlorobenzene	U		0.000116	0.00100	1	04/18/2022 21:59	WG1850078
Chlorodibromomethane	U		0.000140	0.00100	1	04/18/2022 21:59	WG1850078
Chloroethane	U		0.000192	0.00500	1	04/18/2022 21:59	WG1850078
Chloroform	0.000115	J	0.000111	0.00500	1	04/18/2022 21:59	WG1850078
Chloromethane	U		0.000960	0.00250	1	04/18/2022 21:59	WG1850078
1,2-Dibromoethane	U		0.000126	0.00100	1	04/18/2022 21:59	WG1850078
1,1-Dichloroethane	U		0.000100	0.00100	1	04/18/2022 21:59	WG1850078
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/18/2022 21:59	WG1850078
1,1-Dichloroethene	U		0.000188	0.00100	1	04/18/2022 21:59	WG1850078
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/18/2022 21:59	WG1850078
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/18/2022 21:59	WG1850078
1,2-Dichloropropane	U		0.000149	0.00100	1	04/18/2022 21:59	WG1850078
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/18/2022 21:59	WG1850078
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/18/2022 21:59	WG1850078
Ethylbenzene	U		0.000137	0.00100	1	04/18/2022 21:59	WG1850078
Isopropylbenzene	U		0.000105	0.00100	1	04/18/2022 21:59	WG1850078
p-Isopropyltoluene	U		0.000120	0.00100	1	04/18/2022 21:59	WG1850078
2-Butanone (MEK)	U		0.00119	0.0100	1	04/18/2022 21:59	WG1850078
2-Hexanone	U		0.000787	0.0100	1	04/18/2022 21:59	WG1850078
Methylene Chloride	U		0.000430	0.00500	1	04/18/2022 21:59	WG1850078
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/18/2022 21:59	WG1850078
Methyl tert-butyl ether	0.000636	J	0.000101	0.00100	1	04/18/2022 21:59	WG1850078
Naphthalene	U		0.00100	0.00500	1	04/18/2022 21:59	WG1850078
n-Propylbenzene	U		0.0000993	0.00100	1	04/18/2022 21:59	WG1850078
Styrene	U		0.000118	0.00100	1	04/18/2022 21:59	WG1850078
tert-Butyl alcohol	U		0.00406	0.00500	1	04/18/2022 21:59	WG1850078
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/18/2022 21:59	WG1850078
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/18/2022 21:59	WG1850078
Tetrachloroethene	U		0.000300	0.00100	1	04/18/2022 21:59	WG1850078
Toluene	U		0.000278	0.00100	1	04/18/2022 21:59	WG1850078
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/18/2022 21:59	WG1850078
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/18/2022 21:59	WG1850078
Trichloroethene	U		0.000190	0.00100	1	04/18/2022 21:59	WG1850078
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/18/2022 21:59	WG1850078

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,3,5-Trimethylbenzene	0.000327	J	0.000104	0.00100	1	04/18/2022 21:59	WG1850078
Vinyl chloride	U		0.000234	0.00100	1	04/18/2022 21:59	WG1850078
o-Xylene	U		0.000174	0.00100	1	04/18/2022 21:59	WG1850078
m&p-Xylene	U		0.000430	0.00200	1	04/18/2022 21:59	WG1850078
Xylenes, Total	U		0.000174	0.00300	1	04/18/2022 21:59	WG1850078
(S) Toluene-d8	*108*			*80.0-120*		*04/18/2022 21:59*	WG1850078
(S) 4-Bromofluorobenzene	*99.0*			*77.0-126*		*04/18/2022 21:59*	WG1850078
(S) 1,2-Dichloroethane-d4	*92.1*			*70.0-130*		*04/18/2022 21:59*	WG1850078

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.495		0.0247	0.100	1	04/22/2022 17:40	WG1851590
(S) o-Terphenyl	*112*			*31.0-160*		*04/22/2022 17:40*	WG1851590

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

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	3020		100	1	04/20/2022 18:25	WG1850657
Dissolved Solids	5830	Q	100	1	05/07/2022 23:12	WG1860458

Wet Chemistry by Method 353.2

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	U		0.0500	0.100	1	04/20/2022 03:01	WG1851024

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	1440		37.9	100	100	04/15/2022 22:56	WG1849430
Fluoride	1.08	J	0.640	1.50	10	04/15/2022 22:40	WG1849430
Sulfate	2500		59.4	500	100	04/15/2022 22:56	WG1849430

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.0148		0.000180	0.00200	1	04/21/2022 17:25	WG1850307
Arsenic,Dissolved	0.0147		0.000180	0.00200	1	04/20/2022 23:27	WG1850289
Barium	0.0127		0.000381	0.00200	1	04/21/2022 17:25	WG1850307
Barium,Dissolved	0.0138		0.000381	0.00200	1	04/20/2022 23:27	WG1850289
Calcium	668		0.0936	1.00	1	04/21/2022 17:25	WG1850307
Chromium	U		0.00124	0.00200	1	04/21/2022 17:25	WG1850307
Chromium,Dissolved	U		0.00124	0.00200	1	04/20/2022 23:27	WG1850289
Iron	1.05		0.0281	0.100	1	04/21/2022 17:25	WG1850307
Iron,Dissolved	0.482		0.0281	0.100	1	04/20/2022 23:27	WG1850289
Lead	U		0.000849	0.00200	1	04/21/2022 17:25	WG1850307
Lead,Dissolved	U		0.000849	0.00200	1	04/20/2022 23:27	WG1850289
Manganese	0.189		0.000704	0.00500	1	04/21/2022 17:25	WG1850307
Manganese,Dissolved	0.190		0.000704	0.00500	1	04/20/2022 23:27	WG1850289
Potassium	4.92		0.108	2.00	1	04/21/2022 17:25	WG1850307
Selenium	U		0.000300	0.00200	1	04/21/2022 17:25	WG1850307
Selenium,Dissolved	U		0.000300	0.00200	1	04/20/2022 23:27	WG1850289
Sodium	753		0.376	2.00	1	04/21/2022 17:25	WG1850307

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	1.18		0.0314	0.100	1	04/18/2022 11:59	WG1849976
(S) a,a,a-Trifluorotoluene(FID)	*108*			*78.0-120*		*04/18/2022 11:59*	WG1849976

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/15/2022 20:56	WG1849425
Benzene	U		0.0000941	0.00100	1	04/18/2022 22:19	WG1850078
Bromodichloromethane	U		0.000136	0.00100	1	04/15/2022 20:56	WG1849425
Bromoform	U		0.000129	0.00100	1	04/15/2022 20:56	WG1849425
Bromomethane	U		0.000605	0.00500	1	04/15/2022 20:56	WG1849425
n-Butylbenzene	U		0.000157	0.00100	1	04/15/2022 20:56	WG1849425
sec-Butylbenzene	U		0.000125	0.00100	1	04/15/2022 20:56	WG1849425
Carbon disulfide	U		0.0000962	0.00100	1	04/15/2022 20:56	WG1849425

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Carbon tetrachloride	U		0.000128	0.00100	1	04/15/2022 20:56	WG1849425
Chlorobenzene	U		0.000116	0.00100	1	04/15/2022 20:56	WG1849425
Chlorodibromomethane	U		0.000140	0.00100	1	04/15/2022 20:56	WG1849425
Chloroethane	U		0.000192	0.00500	1	04/15/2022 20:56	WG1849425
Chloroform	U		0.000111	0.00500	1	04/15/2022 20:56	WG1849425
Chloromethane	U		0.000960	0.00250	1	04/15/2022 20:56	WG1849425
1,2-Dibromoethane	U		0.000126	0.00100	1	04/15/2022 20:56	WG1849425
1,1-Dichloroethane	U		0.000100	0.00100	1	04/15/2022 20:56	WG1849425
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/15/2022 20:56	WG1849425
1,1-Dichloroethene	U		0.000188	0.00100	1	04/15/2022 20:56	WG1849425
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/15/2022 20:56	WG1849425
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/15/2022 20:56	WG1849425
1,2-Dichloropropane	U		0.000149	0.00100	1	04/15/2022 20:56	WG1849425
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/15/2022 20:56	WG1849425
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/15/2022 20:56	WG1849425
Ethylbenzene	U		0.000137	0.00100	1	04/18/2022 22:19	WG1850078
Isopropylbenzene	U		0.000105	0.00100	1	04/15/2022 20:56	WG1849425
p-Isopropyltoluene	U		0.000120	0.00100	1	04/15/2022 20:56	WG1849425
2-Butanone (MEK)	U		0.00119	0.0100	1	04/15/2022 20:56	WG1849425
2-Hexanone	U		0.000787	0.0100	1	04/15/2022 20:56	WG1849425
Methylene Chloride	U		0.000430	0.00500	1	04/15/2022 20:56	WG1849425
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/15/2022 20:56	WG1849425
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/15/2022 20:56	WG1849425
Naphthalene	U		0.00100	0.00500	1	04/18/2022 22:19	WG1850078
n-Propylbenzene	U		0.0000993	0.00100	1	04/18/2022 22:19	WG1850078
Styrene	U		0.000118	0.00100	1	04/15/2022 20:56	WG1849425
tert-Butyl alcohol	U		0.00406	0.00500	1	04/15/2022 20:56	WG1849425
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/15/2022 20:56	WG1849425
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/15/2022 20:56	WG1849425
Tetrachloroethene	U		0.000300	0.00100	1	04/15/2022 20:56	WG1849425
Toluene	U		0.000278	0.00100	1	04/18/2022 22:19	WG1850078
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/15/2022 20:56	WG1849425
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/15/2022 20:56	WG1849425
Trichloroethene	U		0.000190	0.00100	1	04/15/2022 20:56	WG1849425
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/18/2022 22:19	WG1850078
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/18/2022 22:19	WG1850078
Vinyl chloride	U		0.000234	0.00100	1	04/15/2022 20:56	WG1849425
o-Xylene	U		0.000174	0.00100	1	04/18/2022 22:19	WG1850078
m&p-Xylene	U		0.000430	0.00200	1	04/18/2022 22:19	WG1850078
Xylenes, Total	U		0.000174	0.00300	1	04/18/2022 22:19	WG1850078
(S) Toluene-d8	*103*			*80.0-120*		*04/15/2022 20:56*	WG1849425
(S) Toluene-d8	*109*			*80.0-120*		*04/18/2022 22:19*	WG1850078
(S) 4-Bromofluorobenzene	*103*			*77.0-126*		*04/15/2022 20:56*	WG1849425
(S) 4-Bromofluorobenzene	*97.1*			*77.0-126*		*04/18/2022 22:19*	WG1850078
(S) 1,2-Dichloroethane-d4	*92.1*			*70.0-130*		*04/15/2022 20:56*	WG1849425
(S) 1,2-Dichloroethane-d4	*90.4*			*70.0-130*		*04/18/2022 22:19*	WG1850078

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	1.10		0.0247	0.100	1	04/22/2022 18:04	WG1851590
(S) o-Terphenyl	*113*			*31.0-160*		*04/22/2022 18:04*	WG1851590

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	6940		200	1	04/19/2022 18:10	WG1851013
Dissolved Solids	10600	Q	200	1	05/07/2022 23:12	WG1860458

Wet Chemistry by Method 353.2

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	0.147		0.0500	0.100	1	04/20/2022 03:03	WG1851024

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	3470		37.9	100	100	04/15/2022 23:29	WG1849430
Fluoride	1.58		0.640	1.50	10	04/15/2022 23:13	WG1849430
Sulfate	4020		59.4	500	100	04/15/2022 23:29	WG1849430

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00150	J	0.000180	0.00200	1	04/21/2022 18:34	WG1850307
Arsenic,Dissolved	0.000872	J	0.000180	0.00200	1	04/20/2022 23:30	WG1850289
Barium	0.0185		0.000381	0.00200	1	04/21/2022 18:34	WG1850307
Barium,Dissolved	0.0170		0.000381	0.00200	1	04/20/2022 23:30	WG1850289
Calcium	781		0.0936	1.00	1	04/21/2022 18:34	WG1850307
Chromium	U		0.00124	0.00200	1	04/21/2022 18:34	WG1850307
Chromium,Dissolved	U		0.00124	0.00200	1	04/20/2022 23:30	WG1850289
Iron	3.33		0.0281	0.100	1	04/21/2022 18:34	WG1850307
Iron,Dissolved	2.29		0.0281	0.100	1	04/20/2022 23:30	WG1850289
Lead	U		0.000849	0.00200	1	04/21/2022 18:34	WG1850307
Lead,Dissolved	U		0.000849	0.00200	1	04/20/2022 23:30	WG1850289
Manganese	0.671		0.000704	0.00500	1	04/21/2022 18:34	WG1850307
Manganese,Dissolved	0.553		0.000704	0.00500	1	04/20/2022 23:30	WG1850289
Potassium	6.60		0.108	2.00	1	04/21/2022 18:34	WG1850307
Selenium	U		0.000300	0.00200	1	04/21/2022 18:34	WG1850307
Selenium,Dissolved	U		0.000300	0.00200	1	04/20/2022 23:30	WG1850289
Sodium	1520		1.88	10.0	5	04/21/2022 19:27	WG1850307

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	U		0.0314	0.100	1	04/18/2022 12:21	WG1849976
(S) a,a,a-Trifluorotoluene(FID)	*108*			*78.0-120*		*04/18/2022 12:21*	WG1849976

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/15/2022 21:17	WG1849425
Benzene	U		0.0000941	0.00100	1	04/18/2022 22:40	WG1850078
Bromodichloromethane	U		0.000136	0.00100	1	04/15/2022 21:17	WG1849425
Bromoform	U		0.000129	0.00100	1	04/15/2022 21:17	WG1849425
Bromomethane	U		0.000605	0.00500	1	04/15/2022 21:17	WG1849425
n-Butylbenzene	U		0.000157	0.00100	1	04/15/2022 21:17	WG1849425
sec-Butylbenzene	U		0.000125	0.00100	1	04/15/2022 21:17	WG1849425
Carbon disulfide	U		0.0000962	0.00100	1	04/15/2022 21:17	WG1849425

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Carbon tetrachloride	U		0.000128	0.00100	1	04/15/2022 21:17	WG1849425
Chlorobenzene	U		0.000116	0.00100	1	04/15/2022 21:17	WG1849425
Chlorodibromomethane	U		0.000140	0.00100	1	04/15/2022 21:17	WG1849425
Chloroethane	U		0.000192	0.00500	1	04/15/2022 21:17	WG1849425
Chloroform	U		0.000111	0.00500	1	04/15/2022 21:17	WG1849425
Chloromethane	U		0.000960	0.00250	1	04/15/2022 21:17	WG1849425
1,2-Dibromoethane	U		0.000126	0.00100	1	04/15/2022 21:17	WG1849425
1,1-Dichloroethane	U		0.000100	0.00100	1	04/15/2022 21:17	WG1849425
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/15/2022 21:17	WG1849425
1,1-Dichloroethene	U		0.000188	0.00100	1	04/15/2022 21:17	WG1849425
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/15/2022 21:17	WG1849425
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/15/2022 21:17	WG1849425
1,2-Dichloropropane	U		0.000149	0.00100	1	04/15/2022 21:17	WG1849425
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/15/2022 21:17	WG1849425
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/15/2022 21:17	WG1849425
Ethylbenzene	U		0.000137	0.00100	1	04/18/2022 22:40	WG1850078
Isopropylbenzene	U		0.000105	0.00100	1	04/15/2022 21:17	WG1849425
p-Isopropyltoluene	U		0.000120	0.00100	1	04/15/2022 21:17	WG1849425
2-Butanone (MEK)	U		0.00119	0.0100	1	04/15/2022 21:17	WG1849425
2-Hexanone	U		0.000787	0.0100	1	04/15/2022 21:17	WG1849425
Methylene Chloride	U		0.000430	0.00500	1	04/15/2022 21:17	WG1849425
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/15/2022 21:17	WG1849425
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/15/2022 21:17	WG1849425
Naphthalene	U	J4	0.00100	0.00500	1	04/15/2022 21:17	WG1849425
n-Propylbenzene	U		0.0000993	0.00100	1	04/15/2022 21:17	WG1849425
Styrene	U		0.000118	0.00100	1	04/15/2022 21:17	WG1849425
tert-Butyl alcohol	U		0.00406	0.00500	1	04/15/2022 21:17	WG1849425
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/15/2022 21:17	WG1849425
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/15/2022 21:17	WG1849425
Tetrachloroethene	U		0.000300	0.00100	1	04/15/2022 21:17	WG1849425
Toluene	U		0.000278	0.00100	1	04/18/2022 22:40	WG1850078
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/15/2022 21:17	WG1849425
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/15/2022 21:17	WG1849425
Trichloroethene	U		0.000190	0.00100	1	04/15/2022 21:17	WG1849425
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/18/2022 22:40	WG1850078
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/18/2022 22:40	WG1850078
Vinyl chloride	U		0.000234	0.00100	1	04/15/2022 21:17	WG1849425
o-Xylene	U		0.000174	0.00100	1	04/18/2022 22:40	WG1850078
m&p-Xylene	U		0.000430	0.00200	1	04/18/2022 22:40	WG1850078
Xylenes, Total	U		0.000174	0.00300	1	04/18/2022 22:40	WG1850078
(S) Toluene-d8	*102*			*80.0-120*		*04/15/2022 21:17*	WG1849425
(S) Toluene-d8	*111*			*80.0-120*		*04/18/2022 22:40*	WG1850078
(S) 4-Bromofluorobenzene	*108*			*77.0-126*		*04/15/2022 21:17*	WG1849425
(S) 4-Bromofluorobenzene	*101*			*77.0-126*		*04/18/2022 22:40*	WG1850078
(S) 1,2-Dichloroethane-d4	*95.8*			*70.0-130*		*04/15/2022 21:17*	WG1849425
(S) 1,2-Dichloroethane-d4	*89.3*			*70.0-130*		*04/18/2022 22:40*	WG1850078

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.0566	J	0.0247	0.100	1	04/22/2022 18:27	WG1851590
(S) o-Terphenyl	*105*			*31.0-160*		*04/22/2022 18:27*	WG1851590

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	ND		10.0	1	04/20/2022 18:25	WG1850657

Wet Chemistry by Method 353.2

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	U		0.0500	0.100	1	04/20/2022 03:04	WG1851024

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	U		0.379	1.00	1	04/15/2022 23:45	WG1849430
Fluoride	U		0.0640	0.150	1	04/15/2022 23:45	WG1849430
Sulfate	0.690	J P1	0.594	5.00	1	04/15/2022 23:45	WG1849430

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	U		0.000180	0.00200	1	04/21/2022 18:37	WG1850307
Arsenic,Dissolved	U		0.000180	0.00200	1	04/20/2022 23:57	WG1850289
Barium	0.000450	B J	0.000381	0.00200	1	04/21/2022 18:37	WG1850307
Barium,Dissolved	U		0.000381	0.00200	1	04/20/2022 23:57	WG1850289
Calcium	0.208	B J	0.0936	1.00	1	04/21/2022 18:37	WG1850307
Chromium	U		0.00124	0.00200	1	04/21/2022 18:37	WG1850307
Chromium,Dissolved	U		0.00124	0.00200	1	04/20/2022 23:57	WG1850289
Iron	U		0.0281	0.100	1	04/21/2022 18:37	WG1850307
Iron,Dissolved	U		0.0281	0.100	1	04/20/2022 23:57	WG1850289
Lead	U		0.000849	0.00200	1	04/21/2022 18:37	WG1850307
Lead,Dissolved	U		0.000849	0.00200	1	04/20/2022 23:57	WG1850289
Manganese	U		0.000704	0.00500	1	04/21/2022 18:37	WG1850307
Manganese,Dissolved	U		0.000704	0.00500	1	04/20/2022 23:57	WG1850289
Potassium	U		0.108	2.00	1	04/21/2022 18:37	WG1850307
Selenium	U		0.000300	0.00200	1	04/21/2022 18:37	WG1850307
Selenium,Dissolved	U		0.000300	0.00200	1	04/20/2022 23:57	WG1850289
Sodium	1.16	J	0.376	2.00	1	04/21/2022 18:37	WG1850307

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	U		0.0314	0.100	1	04/18/2022 10:11	WG1849976
(S) a,a,a-Trifluorotoluene(FID)	*110*			*78.0-120*		*04/18/2022 10:11*	WG1849976

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/15/2022 19:31	WG1849425
Benzene	U		0.0000941	0.00100	1	04/15/2022 19:31	WG1849425
Bromodichloromethane	U		0.000136	0.00100	1	04/15/2022 19:31	WG1849425
Bromoform	U		0.000129	0.00100	1	04/15/2022 19:31	WG1849425
Bromomethane	U		0.000605	0.00500	1	04/15/2022 19:31	WG1849425
n-Butylbenzene	U		0.000157	0.00100	1	04/15/2022 19:31	WG1849425
sec-Butylbenzene	U		0.000125	0.00100	1	04/15/2022 19:31	WG1849425
Carbon disulfide	U		0.0000962	0.00100	1	04/15/2022 19:31	WG1849425
Carbon tetrachloride	U		0.000128	0.00100	1	04/15/2022 19:31	WG1849425

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chlorobenzene	U		0.000116	0.00100	1	04/15/2022 19:31	WG1849425
Chlorodibromomethane	U		0.000140	0.00100	1	04/15/2022 19:31	WG1849425
Chloroethane	U		0.000192	0.00500	1	04/15/2022 19:31	WG1849425
Chloroform	U		0.000111	0.00500	1	04/15/2022 19:31	WG1849425
Chloromethane	U		0.000960	0.00250	1	04/15/2022 19:31	WG1849425
1,2-Dibromoethane	U		0.000126	0.00100	1	04/15/2022 19:31	WG1849425
1,1-Dichloroethane	U		0.000100	0.00100	1	04/15/2022 19:31	WG1849425
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/15/2022 19:31	WG1849425
1,1-Dichloroethene	U		0.000188	0.00100	1	04/15/2022 19:31	WG1849425
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/15/2022 19:31	WG1849425
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/15/2022 19:31	WG1849425
1,2-Dichloropropane	U		0.000149	0.00100	1	04/15/2022 19:31	WG1849425
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/15/2022 19:31	WG1849425
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/15/2022 19:31	WG1849425
Ethylbenzene	U		0.000137	0.00100	1	04/15/2022 19:31	WG1849425
Isopropylbenzene	U		0.000105	0.00100	1	04/15/2022 19:31	WG1849425
p-Isopropyltoluene	U		0.000120	0.00100	1	04/15/2022 19:31	WG1849425
2-Butanone (MEK)	U		0.00119	0.0100	1	04/15/2022 19:31	WG1849425
2-Hexanone	U		0.000787	0.0100	1	04/15/2022 19:31	WG1849425
Methylene Chloride	U		0.000430	0.00500	1	04/15/2022 19:31	WG1849425
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/15/2022 19:31	WG1849425
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/15/2022 19:31	WG1849425
Naphthalene	U	J4	0.00100	0.00500	1	04/15/2022 19:31	WG1849425
n-Propylbenzene	U		0.0000993	0.00100	1	04/15/2022 19:31	WG1849425
Styrene	U		0.000118	0.00100	1	04/15/2022 19:31	WG1849425
tert-Butyl alcohol	U		0.00406	0.00500	1	04/15/2022 19:31	WG1849425
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/15/2022 19:31	WG1849425
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/15/2022 19:31	WG1849425
Tetrachloroethene	U		0.000300	0.00100	1	04/15/2022 19:31	WG1849425
Toluene	U		0.000278	0.00100	1	04/15/2022 19:31	WG1849425
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/15/2022 19:31	WG1849425
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/15/2022 19:31	WG1849425
Trichloroethene	U		0.000190	0.00100	1	04/15/2022 19:31	WG1849425
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/15/2022 19:31	WG1849425
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/15/2022 19:31	WG1849425
Vinyl chloride	U		0.000234	0.00100	1	04/15/2022 19:31	WG1849425
o-Xylene	U		0.000174	0.00100	1	04/15/2022 19:31	WG1849425
m&p-Xylene	U		0.000430	0.00200	1	04/15/2022 19:31	WG1849425
Xylenes, Total	U		0.000174	0.00300	1	04/15/2022 19:31	WG1849425
(S) Toluene-d8	*98.2*			*80.0-120*		*04/15/2022 19:31*	WG1849425
(S) 4-Bromofluorobenzene	*98.5*			*77.0-126*		*04/15/2022 19:31*	WG1849425
(S) 1,2-Dichloroethane-d4	*103*			*70.0-130*		*04/15/2022 19:31*	WG1849425

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.0320	J	0.0247	0.100	1	04/22/2022 18:50	WG1851590
(S) o-Terphenyl	*106*			*31.0-160*		*04/22/2022 18:50*	WG1851590

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Acetone	U		0.0113	0.0500	1	04/15/2022 18:48	WG1849425
Benzene	U		0.0000941	0.00100	1	04/15/2022 18:48	WG1849425
Bromodichloromethane	U		0.000136	0.00100	1	04/15/2022 18:48	WG1849425
Bromoform	U		0.000129	0.00100	1	04/15/2022 18:48	WG1849425
Bromomethane	U		0.000605	0.00500	1	04/15/2022 18:48	WG1849425
n-Butylbenzene	U		0.000157	0.00100	1	04/15/2022 18:48	WG1849425
sec-Butylbenzene	U		0.000125	0.00100	1	04/15/2022 18:48	WG1849425
Carbon disulfide	U		0.0000962	0.00100	1	04/15/2022 18:48	WG1849425
Carbon tetrachloride	U		0.000128	0.00100	1	04/15/2022 18:48	WG1849425
Chlorobenzene	U		0.000116	0.00100	1	04/15/2022 18:48	WG1849425
Chlorodibromomethane	U		0.000140	0.00100	1	04/15/2022 18:48	WG1849425
Chloroethane	U		0.000192	0.00500	1	04/15/2022 18:48	WG1849425
Chloroform	U		0.000111	0.00500	1	04/15/2022 18:48	WG1849425
Chloromethane	U		0.000960	0.00250	1	04/15/2022 18:48	WG1849425
1,2-Dibromoethane	U		0.000126	0.00100	1	04/15/2022 18:48	WG1849425
1,1-Dichloroethane	U		0.000100	0.00100	1	04/15/2022 18:48	WG1849425
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/15/2022 18:48	WG1849425
1,1-Dichloroethene	U		0.000188	0.00100	1	04/15/2022 18:48	WG1849425
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/15/2022 18:48	WG1849425
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/15/2022 18:48	WG1849425
1,2-Dichloropropane	U		0.000149	0.00100	1	04/15/2022 18:48	WG1849425
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/15/2022 18:48	WG1849425
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/15/2022 18:48	WG1849425
Ethylbenzene	U		0.000137	0.00100	1	04/15/2022 18:48	WG1849425
Isopropylbenzene	U		0.000105	0.00100	1	04/15/2022 18:48	WG1849425
p-Isopropyltoluene	U		0.000120	0.00100	1	04/15/2022 18:48	WG1849425
2-Butanone (MEK)	U		0.00119	0.0100	1	04/15/2022 18:48	WG1849425
2-Hexanone	U		0.000787	0.0100	1	04/15/2022 18:48	WG1849425
Methylene Chloride	U		0.000430	0.00500	1	04/15/2022 18:48	WG1849425
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/15/2022 18:48	WG1849425
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/15/2022 18:48	WG1849425
Naphthalene	U	J4	0.00100	0.00500	1	04/15/2022 18:48	WG1849425
n-Propylbenzene	U		0.0000993	0.00100	1	04/15/2022 18:48	WG1849425
Styrene	U		0.000118	0.00100	1	04/15/2022 18:48	WG1849425
tert-Butyl alcohol	U		0.00406	0.00500	1	04/15/2022 18:48	WG1849425
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/15/2022 18:48	WG1849425
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/15/2022 18:48	WG1849425
Tetrachloroethene	U		0.000300	0.00100	1	04/15/2022 18:48	WG1849425
Toluene	U		0.000278	0.00100	1	04/15/2022 18:48	WG1849425
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/15/2022 18:48	WG1849425
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/15/2022 18:48	WG1849425
Trichloroethene	U		0.000190	0.00100	1	04/15/2022 18:48	WG1849425
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/15/2022 18:48	WG1849425
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/15/2022 18:48	WG1849425
Vinyl chloride	U		0.000234	0.00100	1	04/15/2022 18:48	WG1849425
o-Xylene	U		0.000174	0.00100	1	04/15/2022 18:48	WG1849425
m&p-Xylene	U		0.000430	0.00200	1	04/15/2022 18:48	WG1849425
Xylenes, Total	U		0.000174	0.00300	1	04/15/2022 18:48	WG1849425
(S) Toluene-d8	*99.2*			*80.0-120*		*04/15/2022 18:48*	WG1849425
(S) 4-Bromofluorobenzene	*101*			*77.0-126*		*04/15/2022 18:48*	WG1849425
(S) 1,2-Dichloroethane-d4	*102*			*70.0-130*		*04/15/2022 18:48*	WG1849425

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	2720		50.0	1	04/19/2022 18:10	WG1851013
Dissolved Solids	3760	Q	50.0	1	05/08/2022 03:19	WG1860459

Wet Chemistry by Method 353.2

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	1.29		0.0500	0.100	1	04/20/2022 03:29	WG1851024

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	411		3.79	10.0	10	04/16/2022 01:24	WG1849430
Fluoride	1.96		0.640	1.50	10	04/16/2022 01:24	WG1849430
Sulfate	1920		59.4	500	100	04/16/2022 01:40	WG1849430

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Calcium	392		0.0936	1.00	1	04/21/2022 13:48	WG1850315
Potassium	1.70	J	0.108	2.00	1	04/21/2022 13:48	WG1850315
Sodium	279		0.376	2.00	1	04/21/2022 13:48	WG1850315

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/16/2022 01:12	WG1849425
Benzene	0.000161	J	0.0000941	0.00100	1	04/16/2022 01:12	WG1849425
Bromodichloromethane	U		0.000136	0.00100	1	04/16/2022 01:12	WG1849425
Bromoform	U		0.000129	0.00100	1	04/16/2022 01:12	WG1849425
Bromomethane	U		0.000605	0.00500	1	04/16/2022 01:12	WG1849425
n-Butylbenzene	U		0.000157	0.00100	1	04/16/2022 01:12	WG1849425
sec-Butylbenzene	U		0.000125	0.00100	1	04/16/2022 01:12	WG1849425
Carbon disulfide	U		0.0000962	0.00100	1	04/16/2022 01:12	WG1849425
Carbon tetrachloride	U		0.000128	0.00100	1	04/16/2022 01:12	WG1849425
Chlorobenzene	U		0.000116	0.00100	1	04/16/2022 01:12	WG1849425
Chlorodibromomethane	U		0.000140	0.00100	1	04/16/2022 01:12	WG1849425
Chloroethane	U		0.000192	0.00500	1	04/16/2022 01:12	WG1849425
Chloroform	U		0.000111	0.00500	1	04/16/2022 01:12	WG1849425
Chloromethane	U		0.000960	0.00250	1	04/16/2022 01:12	WG1849425
1,2-Dibromoethane	U		0.000126	0.00100	1	04/16/2022 01:12	WG1849425
1,1-Dichloroethane	U		0.000100	0.00100	1	04/16/2022 01:12	WG1849425
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/16/2022 01:12	WG1849425
1,1-Dichloroethene	U		0.000188	0.00100	1	04/16/2022 01:12	WG1849425
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/16/2022 01:12	WG1849425
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/16/2022 01:12	WG1849425
1,2-Dichloropropane	U		0.000149	0.00100	1	04/16/2022 01:12	WG1849425
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/16/2022 01:12	WG1849425
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/16/2022 01:12	WG1849425
Ethylbenzene	U		0.000137	0.00100	1	04/16/2022 01:12	WG1849425
Isopropylbenzene	U		0.000105	0.00100	1	04/16/2022 01:12	WG1849425
p-Isopropyltoluene	U		0.000120	0.00100	1	04/16/2022 01:12	WG1849425
2-Butanone (MEK)	U		0.00119	0.0100	1	04/16/2022 01:12	WG1849425
2-Hexanone	U		0.000787	0.0100	1	04/16/2022 01:12	WG1849425
Methylene Chloride	U		0.000430	0.00500	1	04/16/2022 01:12	WG1849425

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/16/2022 01:12	WG1849425
Methyl tert-butyl ether	0.623		0.00202	0.0200	20	04/19/2022 00:23	WG1850078
Naphthalene	U	J4	0.00100	0.00500	1	04/16/2022 01:12	WG1849425
n-Propylbenzene	U		0.0000993	0.00100	1	04/16/2022 01:12	WG1849425
Styrene	U		0.000118	0.00100	1	04/16/2022 01:12	WG1849425
tert-Butyl alcohol	0.00750		0.00406	0.00500	1	04/16/2022 01:12	WG1849425
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/16/2022 01:12	WG1849425
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/16/2022 01:12	WG1849425
Tetrachloroethene	U		0.000300	0.00100	1	04/16/2022 01:12	WG1849425
Toluene	U		0.000278	0.00100	1	04/16/2022 01:12	WG1849425
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/16/2022 01:12	WG1849425
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/16/2022 01:12	WG1849425
Trichloroethene	U		0.000190	0.00100	1	04/16/2022 01:12	WG1849425
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/16/2022 01:12	WG1849425
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/16/2022 01:12	WG1849425
Vinyl chloride	U		0.000234	0.00100	1	04/16/2022 01:12	WG1849425
o-Xylene	U		0.000174	0.00100	1	04/16/2022 01:12	WG1849425
m&p-Xylene	U		0.000430	0.00200	1	04/16/2022 01:12	WG1849425
Xylenes, Total	U		0.000174	0.00300	1	04/16/2022 01:12	WG1849425
(S) Toluene-d8	*103*			*80.0-120*		*04/16/2022 01:12*	WG1849425
(S) Toluene-d8	*106*			*80.0-120*		*04/19/2022 00:23*	WG1850078
(S) 4-Bromofluorobenzene	*102*			*77.0-126*		*04/16/2022 01:12*	WG1849425
(S) 4-Bromofluorobenzene	*96.7*			*77.0-126*		*04/19/2022 00:23*	WG1850078
(S) 1,2-Dichloroethane-d4	*95.7*			*70.0-130*		*04/16/2022 01:12*	WG1849425
(S) 1,2-Dichloroethane-d4	*90.3*			*70.0-130*		*04/19/2022 00:23*	WG1850078

EDB / DBCP by Method 8011

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Ethylene Dibromide	U		0.00000568	0.0000212	1.06	04/19/2022 00:10	WG1850030

Semi Volatile Organic Compounds (GC/MS) by Method 8270 C-mod

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,4-Dioxane	0.000123	J	0.0000447	0.000400	1	04/17/2022 14:52	WG1849044
(S) Nitrobenzene-d5	*64.5*			*10.0-120*		*04/17/2022 14:52*	WG1849044

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	4160		100	1	04/20/2022 18:25	WG1850657
Dissolved Solids	5650	Q	100	1	05/08/2022 03:19	WG1860459

Wet Chemistry by Method 353.2

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	14.7		0.500	1.00	10	04/20/2022 03:31	WG1851024

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	724		3.79	10.0	10	04/16/2022 01:57	WG1849430
Fluoride	2.08		0.640	1.50	10	04/16/2022 01:57	WG1849430
Sulfate	3040		59.4	500	100	04/16/2022 02:21	WG1849430

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00617		0.000180	0.00200	1	04/21/2022 14:01	WG1850315
Arsenic,Dissolved	0.00541		0.000180	0.00200	1	04/21/2022 00:00	WG1850289
Barium	0.0138		0.000381	0.00200	1	04/21/2022 14:01	WG1850315
Barium,Dissolved	0.0129		0.000381	0.00200	1	04/21/2022 00:00	WG1850289
Calcium	542		0.0936	1.00	1	04/21/2022 14:01	WG1850315
Chromium	0.0118		0.00124	0.00200	1	04/21/2022 14:01	WG1850315
Chromium,Dissolved	U		0.00124	0.00200	1	04/21/2022 00:00	WG1850289
Iron	0.0779	J	0.0281	0.100	1	04/21/2022 14:01	WG1850315
Iron,Dissolved	U		0.0281	0.100	1	04/21/2022 00:00	WG1850289
Lead	U		0.000849	0.00200	1	04/21/2022 14:01	WG1850315
Lead,Dissolved	U		0.000849	0.00200	1	04/21/2022 00:00	WG1850289
Manganese	0.359		0.000704	0.00500	1	04/21/2022 14:01	WG1850315
Manganese,Dissolved	0.318		0.000704	0.00500	1	04/21/2022 00:00	WG1850289
Potassium	2.06		0.108	2.00	1	04/21/2022 14:01	WG1850315
Selenium	0.0783		0.000300	0.00200	1	04/21/2022 14:01	WG1850315
Selenium,Dissolved	0.0742		0.000300	0.00200	1	04/21/2022 00:00	WG1850289
Sodium	433		0.376	2.00	1	04/21/2022 14:01	WG1850315

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	0.0546	J	0.0314	0.100	1	04/18/2022 12:42	WG1849976
(S) a,a,a-Trifluorotoluene(FID)	*108*			*78.0-120*		*04/18/2022 12:42*	WG1849976

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/15/2022 21:38	WG1849425
Benzene	U		0.0000941	0.00100	1	04/18/2022 23:01	WG1850078
Bromodichloromethane	U		0.000136	0.00100	1	04/15/2022 21:38	WG1849425
Bromoform	U		0.000129	0.00100	1	04/15/2022 21:38	WG1849425
Bromomethane	U		0.000605	0.00500	1	04/15/2022 21:38	WG1849425
n-Butylbenzene	U		0.000157	0.00100	1	04/15/2022 21:38	WG1849425
sec-Butylbenzene	U		0.000125	0.00100	1	04/15/2022 21:38	WG1849425
Carbon disulfide	U		0.0000962	0.00100	1	04/15/2022 21:38	WG1849425

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Carbon tetrachloride	U		0.000128	0.00100	1	04/15/2022 21:38	WG1849425
Chlorobenzene	U		0.000116	0.00100	1	04/15/2022 21:38	WG1849425
Chlorodibromomethane	U		0.000140	0.00100	1	04/15/2022 21:38	WG1849425
Chloroethane	U		0.000192	0.00500	1	04/15/2022 21:38	WG1849425
Chloroform	U		0.000111	0.00500	1	04/15/2022 21:38	WG1849425
Chloromethane	U		0.000960	0.00250	1	04/15/2022 21:38	WG1849425
1,2-Dibromoethane	U		0.000126	0.00100	1	04/15/2022 21:38	WG1849425
1,1-Dichloroethane	U		0.000100	0.00100	1	04/15/2022 21:38	WG1849425
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/15/2022 21:38	WG1849425
1,1-Dichloroethene	U		0.000188	0.00100	1	04/15/2022 21:38	WG1849425
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/15/2022 21:38	WG1849425
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/15/2022 21:38	WG1849425
1,2-Dichloropropane	U		0.000149	0.00100	1	04/15/2022 21:38	WG1849425
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/15/2022 21:38	WG1849425
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/15/2022 21:38	WG1849425
Ethylbenzene	U		0.000137	0.00100	1	04/18/2022 23:01	WG1850078
Isopropylbenzene	U		0.000105	0.00100	1	04/15/2022 21:38	WG1849425
p-Isopropyltoluene	U		0.000120	0.00100	1	04/15/2022 21:38	WG1849425
2-Butanone (MEK)	U		0.00119	0.0100	1	04/15/2022 21:38	WG1849425
2-Hexanone	U		0.000787	0.0100	1	04/15/2022 21:38	WG1849425
Methylene Chloride	U		0.000430	0.00500	1	04/15/2022 21:38	WG1849425
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/15/2022 21:38	WG1849425
Methyl tert-butyl ether	0.124		0.000101	0.00100	1	04/15/2022 21:38	WG1849425
Naphthalene	U	J4	0.00100	0.00500	1	04/15/2022 21:38	WG1849425
n-Propylbenzene	U		0.0000993	0.00100	1	04/15/2022 21:38	WG1849425
Styrene	U		0.000118	0.00100	1	04/15/2022 21:38	WG1849425
tert-Butyl alcohol	U		0.00406	0.00500	1	04/15/2022 21:38	WG1849425
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/15/2022 21:38	WG1849425
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/15/2022 21:38	WG1849425
Tetrachloroethene	U		0.000300	0.00100	1	04/15/2022 21:38	WG1849425
Toluene	U		0.000278	0.00100	1	04/18/2022 23:01	WG1850078
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/15/2022 21:38	WG1849425
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/15/2022 21:38	WG1849425
Trichloroethene	U		0.000190	0.00100	1	04/15/2022 21:38	WG1849425
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/15/2022 21:38	WG1849425
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/18/2022 23:01	WG1850078
Vinyl chloride	U		0.000234	0.00100	1	04/15/2022 21:38	WG1849425
o-Xylene	U		0.000174	0.00100	1	04/18/2022 23:01	WG1850078
m&p-Xylene	U		0.000430	0.00200	1	04/18/2022 23:01	WG1850078
Xylenes, Total	U		0.000174	0.00300	1	04/18/2022 23:01	WG1850078
(S) Toluene-d8	*103*			*80.0-120*		*04/15/2022 21:38*	WG1849425
(S) Toluene-d8	*108*			*80.0-120*		*04/18/2022 23:01*	WG1850078
(S) 4-Bromofluorobenzene	*105*			*77.0-126*		*04/15/2022 21:38*	WG1849425
(S) 4-Bromofluorobenzene	*101*			*77.0-126*		*04/18/2022 23:01*	WG1850078
(S) 1,2-Dichloroethane-d4	*97.1*			*70.0-130*		*04/15/2022 21:38*	WG1849425
(S) 1,2-Dichloroethane-d4	*90.0*			*70.0-130*		*04/18/2022 23:01*	WG1850078

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.155		0.0247	0.100	1	04/22/2022 19:13	WG1851590
(S) o-Terphenyl	*105*			*31.0-160*		*04/22/2022 19:13*	WG1851590

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	5190		100	1	04/19/2022 14:44	WG1850669

Wet Chemistry by Method 353.2

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	13.5		0.500	1.00	10	04/20/2022 03:32	WG1851024

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	703		3.79	10.0	10	04/16/2022 02:37	WG1849430
Fluoride	2.22		0.640	1.50	10	04/16/2022 02:37	WG1849430
Sulfate	2960		59.4	500	100	04/16/2022 02:53	WG1849430

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00534		0.000180	0.00200	1	04/21/2022 14:05	WG1850315
Arsenic,Dissolved	0.00488		0.000180	0.00200	1	04/21/2022 00:04	WG1850289
Barium	0.00993		0.000381	0.00200	1	04/21/2022 14:05	WG1850315
Barium,Dissolved	0.00851		0.000381	0.00200	1	04/21/2022 00:04	WG1850289
Calcium	541		0.0936	1.00	1	04/21/2022 14:05	WG1850315
Chromium	U		0.00124	0.00200	1	04/21/2022 14:05	WG1850315
Chromium,Dissolved	U		0.00124	0.00200	1	04/21/2022 00:04	WG1850289
Iron	0.0618	J	0.0281	0.100	1	04/21/2022 14:05	WG1850315
Iron,Dissolved	U		0.0281	0.100	1	04/21/2022 00:04	WG1850289
Lead	U		0.000849	0.00200	1	04/21/2022 14:05	WG1850315
Lead,Dissolved	U		0.000849	0.00200	1	04/21/2022 00:04	WG1850289
Manganese	0.113		0.000704	0.00500	1	04/21/2022 14:05	WG1850315
Manganese,Dissolved	0.0524		0.000704	0.00500	1	04/21/2022 00:04	WG1850289
Potassium	2.20		0.108	2.00	1	04/21/2022 14:05	WG1850315
Selenium	0.0524		0.000300	0.00200	1	04/21/2022 14:05	WG1850315
Selenium,Dissolved	0.0478		0.000300	0.00200	1	04/21/2022 00:04	WG1850289
Sodium	422		0.376	2.00	1	04/21/2022 14:05	WG1850315

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	U		0.0314	0.100	1	04/18/2022 13:04	WG1849976
(S) a,a,a-Trifluorotoluene(FID)	*108*			*78.0-120*		*04/18/2022 13:04*	WG1849976

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/16/2022 01:33	WG1849425
Benzene	U		0.0000941	0.00100	1	04/16/2022 01:33	WG1849425
Bromodichloromethane	U		0.000136	0.00100	1	04/16/2022 01:33	WG1849425
Bromoform	U		0.000129	0.00100	1	04/16/2022 01:33	WG1849425
Bromomethane	U		0.000605	0.00500	1	04/16/2022 01:33	WG1849425
n-Butylbenzene	U		0.000157	0.00100	1	04/16/2022 01:33	WG1849425
sec-Butylbenzene	U		0.000125	0.00100	1	04/16/2022 01:33	WG1849425
Carbon disulfide	U		0.0000962	0.00100	1	04/16/2022 01:33	WG1849425
Carbon tetrachloride	U		0.000128	0.00100	1	04/16/2022 01:33	WG1849425

MW-21
Collected date/time: 04/12/22 16:05
L1482377

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chlorobenzene	U		0.000116	0.00100	1	04/16/2022 01:33	WG1849425
Chlorodibromomethane	U		0.000140	0.00100	1	04/16/2022 01:33	WG1849425
Chloroethane	U		0.000192	0.00500	1	04/16/2022 01:33	WG1849425
Chloroform	U		0.000111	0.00500	1	04/16/2022 01:33	WG1849425
Chloromethane	U		0.000960	0.00250	1	04/16/2022 01:33	WG1849425
1,2-Dibromoethane	U		0.000126	0.00100	1	04/16/2022 01:33	WG1849425
1,1-Dichloroethane	U		0.000100	0.00100	1	04/16/2022 01:33	WG1849425
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/16/2022 01:33	WG1849425
1,1-Dichloroethene	U		0.000188	0.00100	1	04/16/2022 01:33	WG1849425
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/16/2022 01:33	WG1849425
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/16/2022 01:33	WG1849425
1,2-Dichloropropane	U		0.000149	0.00100	1	04/16/2022 01:33	WG1849425
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/16/2022 01:33	WG1849425
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/16/2022 01:33	WG1849425
Ethylbenzene	U		0.000137	0.00100	1	04/16/2022 01:33	WG1849425
Isopropylbenzene	U		0.000105	0.00100	1	04/16/2022 01:33	WG1849425
p-Isopropyltoluene	U		0.000120	0.00100	1	04/16/2022 01:33	WG1849425
2-Butanone (MEK)	U		0.00119	0.0100	1	04/16/2022 01:33	WG1849425
2-Hexanone	U		0.000787	0.0100	1	04/16/2022 01:33	WG1849425
Methylene Chloride	U		0.000430	0.00500	1	04/16/2022 01:33	WG1849425
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/16/2022 01:33	WG1849425
Methyl tert-butyl ether	0.0685		0.000101	0.00100	1	04/16/2022 01:33	WG1849425
Naphthalene	U	J4	0.00100	0.00500	1	04/16/2022 01:33	WG1849425
n-Propylbenzene	U		0.0000993	0.00100	1	04/16/2022 01:33	WG1849425
Styrene	U		0.000118	0.00100	1	04/16/2022 01:33	WG1849425
tert-Butyl alcohol	U		0.00406	0.00500	1	04/16/2022 01:33	WG1849425
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/16/2022 01:33	WG1849425
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/16/2022 01:33	WG1849425
Tetrachloroethene	U		0.000300	0.00100	1	04/16/2022 01:33	WG1849425
Toluene	U		0.000278	0.00100	1	04/16/2022 01:33	WG1849425
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/16/2022 01:33	WG1849425
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/16/2022 01:33	WG1849425
Trichloroethene	U		0.000190	0.00100	1	04/16/2022 01:33	WG1849425
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/16/2022 01:33	WG1849425
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/16/2022 01:33	WG1849425
Vinyl chloride	U		0.000234	0.00100	1	04/16/2022 01:33	WG1849425
o-Xylene	U		0.000174	0.00100	1	04/16/2022 01:33	WG1849425
m&p-Xylene	U		0.000430	0.00200	1	04/16/2022 01:33	WG1849425
Xylenes, Total	U		0.000174	0.00300	1	04/16/2022 01:33	WG1849425
(S) Toluene-d8	*103*			*80.0-120*		*04/16/2022 01:33*	WG1849425
(S) 4-Bromofluorobenzene	*106*			*77.0-126*		*04/16/2022 01:33*	WG1849425
(S) 1,2-Dichloroethane-d4	*92.6*			*70.0-130*		*04/16/2022 01:33*	WG1849425

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.305		0.0247	0.100	1	04/22/2022 19:37	WG1851590
(S) o-Terphenyl	*108*			*31.0-160*		*04/22/2022 19:37*	WG1851590

Semi Volatile Organic Compounds (GC/MS) by Method 8270 C-mod

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,4-Dioxane	0.000149	J	0.0000447	0.000400	1	04/17/2022 15:11	WG1849044
(S) Nitrobenzene-d5	*62.7*			*10.0-120*		*04/17/2022 15:11*	WG1849044

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Dissolved Solids	5680		100	1	04/19/2022 14:44	WG1850669

Wet Chemistry by Method 353.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Nitrate-Nitrite	22.2		0.500	1.00	10	04/20/2022 03:40	WG1851024

Wet Chemistry by Method 4500CN E-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Cyanide	U		0.00180	0.00500	1	04/19/2022 17:20	WG1849788

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Chloride	756		3.79	10.0	10	04/16/2022 03:10	WG1849430
Fluoride	2.07		0.640	1.50	10	04/16/2022 03:10	WG1849430
Sulfate	3280		59.4	500	100	04/16/2022 03:26	WG1849430

Mercury by Method 7470A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Mercury	U		0.000100	0.000200	1	04/27/2022 11:03	WG1848992
Mercury,Dissolved	U		0.000100	0.000200	1	04/27/2022 09:38	WG1848996

Metals (ICP) by Method 6010B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Boron	0.654		0.0200	0.200	1	04/22/2022 18:52	WG1850365
Boron,Dissolved	0.643		0.0200	0.200	1	04/22/2022 16:28	WG1850351

Metals (ICPMS) by Method 6020

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Arsenic	0.00397		0.000180	0.00200	1	04/21/2022 14:08	WG1850315
Arsenic,Dissolved	0.00326		0.000180	0.00200	1	04/21/2022 00:07	WG1850289
Barium	0.00728		0.000381	0.00200	1	04/21/2022 14:08	WG1850315
Barium,Dissolved	0.00808		0.000381	0.00200	1	04/21/2022 00:07	WG1850289
Cadmium	U		0.000150	0.00100	1	04/21/2022 14:08	WG1850315
Cadmium,Dissolved	U		0.000150	0.00100	1	04/21/2022 00:07	WG1850289
Calcium	573		0.0936	1.00	1	04/21/2022 14:08	WG1850315
Chromium	U		0.00124	0.00200	1	04/21/2022 14:08	WG1850315
Chromium,Dissolved	U		0.00124	0.00200	1	04/21/2022 00:07	WG1850289
Cobalt	U		0.0000596	0.00200	1	04/21/2022 14:08	WG1850315
Cobalt,Dissolved	0.0000942	J	0.0000596	0.00200	1	04/21/2022 00:07	WG1850289
Iron	U		0.0281	0.100	1	04/21/2022 14:08	WG1850315
Iron,Dissolved	U		0.0281	0.100	1	04/21/2022 00:07	WG1850289
Lead	U		0.000849	0.00200	1	04/21/2022 14:08	WG1850315
Lead,Dissolved	U		0.000849	0.00200	1	04/21/2022 00:07	WG1850289
Manganese	U		0.000704	0.00500	1	04/21/2022 14:08	WG1850315
Manganese,Dissolved	U		0.000704	0.00500	1	04/21/2022 00:07	WG1850289
Nickel	U		0.000816	0.00200	1	04/21/2022 14:08	WG1850315
Nickel,Dissolved	0.00130	J	0.000816	0.00200	1	04/21/2022 00:07	WG1850289

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Potassium	3.31		0.108	2.00	1	04/21/2022 14:08	WG1850315
Selenium	0.0270		0.000300	0.00200	1	04/21/2022 14:08	WG1850315
Selenium,Dissolved	0.0241		0.000300	0.00200	1	04/21/2022 00:07	WG1850289
Sodium	512		0.376	2.00	1	04/21/2022 14:08	WG1850315
Uranium	0.0693		0.0000789	0.00100	1	04/21/2022 14:08	WG1850315
Uranium,Dissolved	0.0647		0.0000789	0.00100	1	04/21/2022 00:07	WG1850289
Vanadium	0.0246		0.000664	0.00500	1	04/21/2022 14:08	WG1850315
Vanadium,Dissolved	0.0229		0.000664	0.00500	1	04/21/2022 00:07	WG1850289

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/15/2022 22:00	WG1849425
Benzene	U		0.0000941	0.00100	1	04/18/2022 23:22	WG1850078
Bromodichloromethane	U		0.000136	0.00100	1	04/15/2022 22:00	WG1849425
Bromoform	U		0.000129	0.00100	1	04/15/2022 22:00	WG1849425
Bromomethane	U		0.000605	0.00500	1	04/15/2022 22:00	WG1849425
n-Butylbenzene	U		0.000157	0.00100	1	04/15/2022 22:00	WG1849425
sec-Butylbenzene	U		0.000125	0.00100	1	04/15/2022 22:00	WG1849425
Carbon disulfide	U		0.0000962	0.00100	1	04/15/2022 22:00	WG1849425
Carbon tetrachloride	U		0.000128	0.00100	1	04/15/2022 22:00	WG1849425
Chlorobenzene	U		0.000116	0.00100	1	04/15/2022 22:00	WG1849425
Chlorodibromomethane	U		0.000140	0.00100	1	04/15/2022 22:00	WG1849425
Chloroethane	U		0.000192	0.00500	1	04/15/2022 22:00	WG1849425
Chloroform	U		0.000111	0.00500	1	04/15/2022 22:00	WG1849425
Chloromethane	U		0.000960	0.00250	1	04/15/2022 22:00	WG1849425
1,2-Dibromoethane	U		0.000126	0.00100	1	04/15/2022 22:00	WG1849425
1,1-Dichloroethane	U		0.000100	0.00100	1	04/15/2022 22:00	WG1849425
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/15/2022 22:00	WG1849425
1,1-Dichloroethene	U		0.000188	0.00100	1	04/15/2022 22:00	WG1849425
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/15/2022 22:00	WG1849425
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/15/2022 22:00	WG1849425
1,2-Dichloropropane	U		0.000149	0.00100	1	04/15/2022 22:00	WG1849425
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/15/2022 22:00	WG1849425
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/15/2022 22:00	WG1849425
Ethylbenzene	U		0.000137	0.00100	1	04/15/2022 22:00	WG1849425
Isopropylbenzene	U		0.000105	0.00100	1	04/15/2022 22:00	WG1849425
p-Isopropyltoluene	U		0.000120	0.00100	1	04/15/2022 22:00	WG1849425
2-Butanone (MEK)	U		0.00119	0.0100	1	04/15/2022 22:00	WG1849425
2-Hexanone	U		0.000787	0.0100	1	04/15/2022 22:00	WG1849425
Methylene Chloride	U		0.000430	0.00500	1	04/15/2022 22:00	WG1849425
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/15/2022 22:00	WG1849425
Methyl tert-butyl ether	0.000567	J	0.000101	0.00100	1	04/15/2022 22:00	WG1849425
Naphthalene	U	J4	0.00100	0.00500	1	04/15/2022 22:00	WG1849425
n-Propylbenzene	U		0.0000993	0.00100	1	04/15/2022 22:00	WG1849425
Styrene	U		0.000118	0.00100	1	04/15/2022 22:00	WG1849425
tert-Butyl alcohol	U		0.00406	0.00500	1	04/15/2022 22:00	WG1849425
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/15/2022 22:00	WG1849425
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/15/2022 22:00	WG1849425
Tetrachloroethene	U		0.000300	0.00100	1	04/15/2022 22:00	WG1849425
Toluene	U		0.000278	0.00100	1	04/18/2022 23:22	WG1850078
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/15/2022 22:00	WG1849425
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/15/2022 22:00	WG1849425
Trichloroethene	U		0.000190	0.00100	1	04/15/2022 22:00	WG1849425
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/15/2022 22:00	WG1849425
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/15/2022 22:00	WG1849425

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Vinyl chloride	U		0.000234	0.00100	1	04/15/2022 22:00	WG1849425
o-Xylene	U		0.000174	0.00100	1	04/18/2022 23:22	WG1850078
m&p-Xylene	U		0.000430	0.00200	1	04/18/2022 23:22	WG1850078
Xylenes, Total	U		0.000174	0.00300	1	04/18/2022 23:22	WG1850078
(S) Toluene-d8	*102*			*80.0-120*		*04/15/2022 22:00*	WG1849425
(S) Toluene-d8	*111*			*80.0-120*		*04/18/2022 23:22*	WG1850078
(S) 4-Bromofluorobenzene	*98.1*			*77.0-126*		*04/15/2022 22:00*	WG1849425
(S) 4-Bromofluorobenzene	*99.1*			*77.0-126*		*04/18/2022 23:22*	WG1850078
(S) 1,2-Dichloroethane-d4	*99.7*			*70.0-130*		*04/15/2022 22:00*	WG1849425
(S) 1,2-Dichloroethane-d4	*87.8*			*70.0-130*		*04/18/2022 23:22*	WG1850078

EDB / DBCP by Method 8011

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Ethylene Dibromide	U		0.00000536	0.0000200	1	04/19/2022 00:22	WG1850030

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.0860	J	0.0247	0.100	1	04/22/2022 20:00	WG1851590
(S) o-Terphenyl	*100*			*31.0-160*		*04/22/2022 20:00*	WG1851590

Semi Volatile Organic Compounds (GC/MS) by Method 8270 C-mod

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,4-Dioxane	0.000148	J	0.0000447	0.000400	1	04/17/2022 15:30	WG1849044
(S) Nitrobenzene-d5	*57.9*			*10.0-120*		*04/17/2022 15:30*	WG1849044

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

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	3010		50.0	1	04/15/2022 18:51	WG1849369

Wet Chemistry by Method 353.2

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	2.47		0.0500	0.100	1	04/20/2022 03:34	WG1851024

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	261	B	37.9	100	100	04/16/2022 16:03	WG1849614
Fluoride	1.67		0.0640	0.150	1	04/16/2022 15:46	WG1849614
Sulfate	1720		59.4	500	100	04/16/2022 16:03	WG1849614

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00246		0.000180	0.00200	1	04/21/2022 14:11	WG1850315
Arsenic,Dissolved	0.00226		0.000180	0.00200	1	04/21/2022 00:10	WG1850289
Barium	0.0127		0.000381	0.00200	1	04/21/2022 14:11	WG1850315
Barium,Dissolved	0.0119		0.000381	0.00200	1	04/21/2022 00:10	WG1850289
Calcium	390		0.0936	1.00	1	04/21/2022 14:11	WG1850315
Chromium	U		0.00124	0.00200	1	04/21/2022 14:11	WG1850315
Chromium,Dissolved	U		0.00124	0.00200	1	04/21/2022 00:10	WG1850289
Iron	0.102		0.0281	0.100	1	04/21/2022 14:11	WG1850315
Iron,Dissolved	U		0.0281	0.100	1	04/21/2022 00:10	WG1850289
Lead	0.00175	J	0.000849	0.00200	1	04/21/2022 14:11	WG1850315
Lead,Dissolved	U		0.000849	0.00200	1	04/21/2022 00:10	WG1850289
Manganese	0.00437	J	0.000704	0.00500	1	04/21/2022 14:11	WG1850315
Manganese,Dissolved	U		0.000704	0.00500	1	04/21/2022 00:10	WG1850289
Potassium	5.07		0.108	2.00	1	04/21/2022 14:11	WG1850315
Selenium	0.0259		0.000300	0.00200	1	04/21/2022 14:11	WG1850315
Selenium,Dissolved	0.0229		0.000300	0.00200	1	04/21/2022 00:10	WG1850289
Sodium	218		0.376	2.00	1	04/21/2022 14:11	WG1850315

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/15/2022 22:21	WG1849425
Benzene	U		0.0000941	0.00100	1	04/19/2022 02:05	WG1850518
Bromodichloromethane	U		0.000136	0.00100	1	04/15/2022 22:21	WG1849425
Bromoform	U		0.000129	0.00100	1	04/15/2022 22:21	WG1849425
Bromomethane	U		0.000605	0.00500	1	04/15/2022 22:21	WG1849425
n-Butylbenzene	U		0.000157	0.00100	1	04/15/2022 22:21	WG1849425
sec-Butylbenzene	U		0.000125	0.00100	1	04/15/2022 22:21	WG1849425
Carbon disulfide	U		0.0000962	0.00100	1	04/15/2022 22:21	WG1849425
Carbon tetrachloride	U		0.000128	0.00100	1	04/15/2022 22:21	WG1849425
Chlorobenzene	U		0.000116	0.00100	1	04/15/2022 22:21	WG1849425
Chlorodibromomethane	U		0.000140	0.00100	1	04/15/2022 22:21	WG1849425
Chloroethane	U		0.000192	0.00500	1	04/15/2022 22:21	WG1849425
Chloroform	U		0.000111	0.00500	1	04/15/2022 22:21	WG1849425
Chloromethane	U		0.000960	0.00250	1	04/15/2022 22:21	WG1849425
1,2-Dibromoethane	U		0.000126	0.00100	1	04/15/2022 22:21	WG1849425
1,1-Dichloroethane	U		0.000100	0.00100	1	04/15/2022 22:21	WG1849425

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/15/2022 22:21	WG1849425
1,1-Dichloroethene	U		0.000188	0.00100	1	04/15/2022 22:21	WG1849425
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/15/2022 22:21	WG1849425
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/15/2022 22:21	WG1849425
1,2-Dichloropropane	U		0.000149	0.00100	1	04/15/2022 22:21	WG1849425
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/15/2022 22:21	WG1849425
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/15/2022 22:21	WG1849425
Ethylbenzene	U		0.000137	0.00100	1	04/15/2022 22:21	WG1849425
Isopropylbenzene	U		0.000105	0.00100	1	04/15/2022 22:21	WG1849425
p-Isopropyltoluene	U		0.000120	0.00100	1	04/15/2022 22:21	WG1849425
2-Butanone (MEK)	U		0.00119	0.0100	1	04/15/2022 22:21	WG1849425
2-Hexanone	U		0.000787	0.0100	1	04/15/2022 22:21	WG1849425
Methylene Chloride	U		0.000430	0.00500	1	04/15/2022 22:21	WG1849425
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/15/2022 22:21	WG1849425
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/15/2022 22:21	WG1849425
Naphthalene	U	J4	0.00100	0.00500	1	04/15/2022 22:21	WG1849425
n-Propylbenzene	U		0.0000993	0.00100	1	04/15/2022 22:21	WG1849425
Styrene	U		0.000118	0.00100	1	04/15/2022 22:21	WG1849425
tert-Butyl alcohol	U		0.00406	0.00500	1	04/15/2022 22:21	WG1849425
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/15/2022 22:21	WG1849425
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/15/2022 22:21	WG1849425
Tetrachloroethene	U		0.000300	0.00100	1	04/15/2022 22:21	WG1849425
Toluene	U		0.000278	0.00100	1	04/19/2022 02:05	WG1850518
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/15/2022 22:21	WG1849425
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/15/2022 22:21	WG1849425
Trichloroethene	U		0.000190	0.00100	1	04/15/2022 22:21	WG1849425
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/15/2022 22:21	WG1849425
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/15/2022 22:21	WG1849425
Vinyl chloride	U		0.000234	0.00100	1	04/15/2022 22:21	WG1849425
o-Xylene	U		0.000174	0.00100	1	04/15/2022 22:21	WG1849425
m&p-Xylene	U		0.000430	0.00200	1	04/15/2022 22:21	WG1849425
Xylenes, Total	U		0.000174	0.00300	1	04/15/2022 22:21	WG1849425
(S) Toluene-d8	*101*			*80.0-120*		*04/15/2022 22:21*	WG1849425
(S) Toluene-d8	*116*			*80.0-120*		*04/19/2022 02:05*	WG1850518
(S) 4-Bromofluorobenzene	*102*			*77.0-126*		*04/15/2022 22:21*	WG1849425
(S) 4-Bromofluorobenzene	*95.5*			*77.0-126*		*04/19/2022 02:05*	WG1850518
(S) 1,2-Dichloroethane-d4	*96.4*			*70.0-130*		*04/15/2022 22:21*	WG1849425
(S) 1,2-Dichloroethane-d4	*99.6*			*70.0-130*		*04/19/2022 02:05*	WG1850518

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.0940	J	0.0247	0.100	1	04/22/2022 20:24	WG1851590
(S) o-Terphenyl	*101*			*31.0-160*		*04/22/2022 20:24*	WG1851590

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	2060		25.0	1	04/19/2022 14:44	WG1850669

Wet Chemistry by Method 353.2

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	0.598		0.0500	0.100	1	04/20/2022 03:36	WG1851024

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	45.5		0.379	1.00	1	04/16/2022 11:55	WG1849430
Fluoride	1.16		0.0640	0.150	1	04/16/2022 11:55	WG1849430
Sulfate	1270	V	11.9	100	20	04/16/2022 12:44	WG1849430

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00231		0.000180	0.00200	1	04/21/2022 14:21	WG1850315
Arsenic,Dissolved	0.00202		0.000180	0.00200	1	04/21/2022 00:14	WG1850289
Barium	0.0187		0.000381	0.00200	1	04/21/2022 14:21	WG1850315
Barium,Dissolved	0.0179		0.000381	0.00200	1	04/21/2022 00:14	WG1850289
Calcium	338		0.0936	1.00	1	04/21/2022 14:21	WG1850315
Chromium	U		0.00124	0.00200	1	04/21/2022 14:21	WG1850315
Chromium,Dissolved	U		0.00124	0.00200	1	04/21/2022 00:14	WG1850289
Iron	U		0.0281	0.100	1	04/21/2022 14:21	WG1850315
Iron,Dissolved	U		0.0281	0.100	1	04/21/2022 00:14	WG1850289
Lead	U		0.000849	0.00200	1	04/21/2022 14:21	WG1850315
Lead,Dissolved	U		0.000849	0.00200	1	04/21/2022 00:14	WG1850289
Manganese	0.0229		0.000704	0.00500	1	04/21/2022 14:21	WG1850315
Manganese,Dissolved	0.00377	J	0.000704	0.00500	1	04/21/2022 00:14	WG1850289
Potassium	8.41		0.108	2.00	1	04/21/2022 14:21	WG1850315
Selenium	0.0158		0.000300	0.00200	1	04/21/2022 14:21	WG1850315
Selenium,Dissolved	0.0160		0.000300	0.00200	1	04/21/2022 00:14	WG1850289
Sodium	86.4		0.376	2.00	1	04/21/2022 14:21	WG1850315

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/15/2022 22:43	WG1849425
Benzene	U		0.0000941	0.00100	1	04/19/2022 02:26	WG1850518
Bromodichloromethane	U		0.000136	0.00100	1	04/15/2022 22:43	WG1849425
Bromoform	U		0.000129	0.00100	1	04/15/2022 22:43	WG1849425
Bromomethane	U		0.000605	0.00500	1	04/15/2022 22:43	WG1849425
n-Butylbenzene	U		0.000157	0.00100	1	04/15/2022 22:43	WG1849425
sec-Butylbenzene	U		0.000125	0.00100	1	04/15/2022 22:43	WG1849425
Carbon disulfide	U		0.0000962	0.00100	1	04/15/2022 22:43	WG1849425
Carbon tetrachloride	U		0.000128	0.00100	1	04/15/2022 22:43	WG1849425
Chlorobenzene	U		0.000116	0.00100	1	04/15/2022 22:43	WG1849425
Chlorodibromomethane	U		0.000140	0.00100	1	04/15/2022 22:43	WG1849425
Chloroethane	U		0.000192	0.00500	1	04/15/2022 22:43	WG1849425
Chloroform	U		0.000111	0.00500	1	04/15/2022 22:43	WG1849425
Chloromethane	U		0.000960	0.00250	1	04/15/2022 22:43	WG1849425
1,2-Dibromoethane	U		0.000126	0.00100	1	04/15/2022 22:43	WG1849425
1,1-Dichloroethane	U		0.000100	0.00100	1	04/15/2022 22:43	WG1849425

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/15/2022 22:43	WG1849425
1,1-Dichloroethene	U		0.000188	0.00100	1	04/15/2022 22:43	WG1849425
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/15/2022 22:43	WG1849425
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/15/2022 22:43	WG1849425
1,2-Dichloropropane	U		0.000149	0.00100	1	04/15/2022 22:43	WG1849425
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/15/2022 22:43	WG1849425
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/15/2022 22:43	WG1849425
Ethylbenzene	U		0.000137	0.00100	1	04/15/2022 22:43	WG1849425
Isopropylbenzene	U		0.000105	0.00100	1	04/15/2022 22:43	WG1849425
p-Isopropyltoluene	U		0.000120	0.00100	1	04/15/2022 22:43	WG1849425
2-Butanone (MEK)	U		0.00119	0.0100	1	04/15/2022 22:43	WG1849425
2-Hexanone	U		0.000787	0.0100	1	04/15/2022 22:43	WG1849425
Methylene Chloride	U		0.000430	0.00500	1	04/15/2022 22:43	WG1849425
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/15/2022 22:43	WG1849425
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/15/2022 22:43	WG1849425
Naphthalene	U	J4	0.00100	0.00500	1	04/15/2022 22:43	WG1849425
n-Propylbenzene	U		0.0000993	0.00100	1	04/15/2022 22:43	WG1849425
Styrene	U		0.000118	0.00100	1	04/15/2022 22:43	WG1849425
tert-Butyl alcohol	U		0.00406	0.00500	1	04/15/2022 22:43	WG1849425
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/15/2022 22:43	WG1849425
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/15/2022 22:43	WG1849425
Tetrachloroethene	U		0.000300	0.00100	1	04/15/2022 22:43	WG1849425
Toluene	U		0.000278	0.00100	1	04/19/2022 02:26	WG1850518
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/15/2022 22:43	WG1849425
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/15/2022 22:43	WG1849425
Trichloroethene	U		0.000190	0.00100	1	04/15/2022 22:43	WG1849425
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/15/2022 22:43	WG1849425
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/15/2022 22:43	WG1849425
Vinyl chloride	U		0.000234	0.00100	1	04/15/2022 22:43	WG1849425
o-Xylene	U		0.000174	0.00100	1	04/15/2022 22:43	WG1849425
m&p-Xylene	U		0.000430	0.00200	1	04/15/2022 22:43	WG1849425
Xylenes, Total	U		0.000174	0.00300	1	04/15/2022 22:43	WG1849425
(S) Toluene-d8	*103*			*80.0-120*		*04/15/2022 22:43*	WG1849425
(S) Toluene-d8	*114*			*80.0-120*		*04/19/2022 02:26*	WG1850518
(S) 4-Bromofluorobenzene	*102*			*77.0-126*		*04/15/2022 22:43*	WG1849425
(S) 4-Bromofluorobenzene	*91.9*			*77.0-126*		*04/19/2022 02:26*	WG1850518
(S) 1,2-Dichloroethane-d4	*94.1*			*70.0-130*		*04/15/2022 22:43*	WG1849425
(S) 1,2-Dichloroethane-d4	*99.4*			*70.0-130*		*04/19/2022 02:26*	WG1850518

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.0950	J	0.0247	0.100	1	04/22/2022 20:47	WG1851590
(S) o-Terphenyl	*106*			*31.0-160*		*04/22/2022 20:47*	WG1851590

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	2710		50.0	1	04/19/2022 14:44	WG1850669

Wet Chemistry by Method 353.2

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	1.29		0.0500	0.100	1	04/20/2022 03:37	WG1851024

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	183		3.79	10.0	10	04/16/2022 03:43	WG1849430
Fluoride	2.82		0.640	1.50	10	04/16/2022 03:43	WG1849430
Sulfate	1640		59.4	500	100	04/16/2022 03:59	WG1849430

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.0105		0.000180	0.00200	1	04/21/2022 14:25	WG1850315
Arsenic,Dissolved	0.00959		0.000180	0.00200	1	04/21/2022 00:17	WG1850289
Barium	0.0122		0.000381	0.00200	1	04/21/2022 14:25	WG1850315
Barium,Dissolved	0.0132		0.000381	0.00200	1	04/21/2022 00:17	WG1850289
Calcium	421		0.0936	1.00	1	04/21/2022 14:25	WG1850315
Chromium	U		0.00124	0.00200	1	04/21/2022 14:25	WG1850315
Chromium,Dissolved	U		0.00124	0.00200	1	04/21/2022 00:17	WG1850289
Iron	0.0409	J	0.0281	0.100	1	04/21/2022 14:25	WG1850315
Iron,Dissolved	U		0.0281	0.100	1	04/21/2022 00:17	WG1850289
Lead	U		0.000849	0.00200	1	04/21/2022 14:25	WG1850315
Lead,Dissolved	U		0.000849	0.00200	1	04/21/2022 00:17	WG1850289
Manganese	0.191		0.000704	0.00500	1	04/21/2022 14:25	WG1850315
Manganese,Dissolved	0.197		0.000704	0.00500	1	04/21/2022 00:17	WG1850289
Potassium	7.91		0.108	2.00	1	04/21/2022 14:25	WG1850315
Selenium	0.00485		0.000300	0.00200	1	04/21/2022 14:25	WG1850315
Selenium,Dissolved	0.00407		0.000300	0.00200	1	04/21/2022 00:17	WG1850289
Sodium	143		0.376	2.00	1	04/21/2022 14:25	WG1850315

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/15/2022 23:04	WG1849425
Benzene	U		0.0000941	0.00100	1	04/15/2022 23:04	WG1849425
Bromodichloromethane	U		0.000136	0.00100	1	04/15/2022 23:04	WG1849425
Bromoform	U		0.000129	0.00100	1	04/15/2022 23:04	WG1849425
Bromomethane	U		0.000605	0.00500	1	04/15/2022 23:04	WG1849425
n-Butylbenzene	U		0.000157	0.00100	1	04/15/2022 23:04	WG1849425
sec-Butylbenzene	U		0.000125	0.00100	1	04/15/2022 23:04	WG1849425
Carbon disulfide	U		0.0000962	0.00100	1	04/15/2022 23:04	WG1849425
Carbon tetrachloride	U		0.000128	0.00100	1	04/15/2022 23:04	WG1849425
Chlorobenzene	U		0.000116	0.00100	1	04/15/2022 23:04	WG1849425
Chlorodibromomethane	U		0.000140	0.00100	1	04/15/2022 23:04	WG1849425
Chloroethane	U		0.000192	0.00500	1	04/15/2022 23:04	WG1849425
Chloroform	U		0.000111	0.00500	1	04/15/2022 23:04	WG1849425
Chloromethane	U		0.000960	0.00250	1	04/15/2022 23:04	WG1849425
1,2-Dibromoethane	U		0.000126	0.00100	1	04/15/2022 23:04	WG1849425
1,1-Dichloroethane	U		0.000100	0.00100	1	04/15/2022 23:04	WG1849425

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/15/2022 23:04	WG1849425
1,1-Dichloroethene	U		0.000188	0.00100	1	04/15/2022 23:04	WG1849425
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/15/2022 23:04	WG1849425
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/15/2022 23:04	WG1849425
1,2-Dichloropropane	U		0.000149	0.00100	1	04/15/2022 23:04	WG1849425
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/15/2022 23:04	WG1849425
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/15/2022 23:04	WG1849425
Ethylbenzene	U		0.000137	0.00100	1	04/15/2022 23:04	WG1849425
Isopropylbenzene	U		0.000105	0.00100	1	04/15/2022 23:04	WG1849425
p-Isopropyltoluene	U		0.000120	0.00100	1	04/15/2022 23:04	WG1849425
2-Butanone (MEK)	U		0.00119	0.0100	1	04/15/2022 23:04	WG1849425
2-Hexanone	U		0.000787	0.0100	1	04/15/2022 23:04	WG1849425
Methylene Chloride	U		0.000430	0.00500	1	04/15/2022 23:04	WG1849425
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/15/2022 23:04	WG1849425
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/15/2022 23:04	WG1849425
Naphthalene	U	J4	0.00100	0.00500	1	04/15/2022 23:04	WG1849425
n-Propylbenzene	U		0.0000993	0.00100	1	04/15/2022 23:04	WG1849425
Styrene	U		0.000118	0.00100	1	04/15/2022 23:04	WG1849425
tert-Butyl alcohol	U		0.00406	0.00500	1	04/15/2022 23:04	WG1849425
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/15/2022 23:04	WG1849425
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/15/2022 23:04	WG1849425
Tetrachloroethene	U		0.000300	0.00100	1	04/15/2022 23:04	WG1849425
Toluene	U		0.000278	0.00100	1	04/19/2022 01:43	WG1850518
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/15/2022 23:04	WG1849425
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/15/2022 23:04	WG1849425
Trichloroethene	U		0.000190	0.00100	1	04/15/2022 23:04	WG1849425
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/15/2022 23:04	WG1849425
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/15/2022 23:04	WG1849425
Vinyl chloride	U		0.000234	0.00100	1	04/15/2022 23:04	WG1849425
o-Xylene	0.000579	J	0.000174	0.00100	1	04/15/2022 23:04	WG1849425
m&p-Xylene	U		0.000430	0.00200	1	04/15/2022 23:04	WG1849425
Xylenes, Total	0.000579	J	0.000174	0.00300	1	04/15/2022 23:04	WG1849425
(S) Toluene-d8	*101*			*80.0-120*		*04/15/2022 23:04*	WG1849425
(S) Toluene-d8	*116*			*80.0-120*		*04/19/2022 01:43*	WG1850518
(S) 4-Bromofluorobenzene	*106*			*77.0-126*		*04/15/2022 23:04*	WG1849425
(S) 4-Bromofluorobenzene	*95.1*			*77.0-126*		*04/19/2022 01:43*	WG1850518
(S) 1,2-Dichloroethane-d4	*95.3*			*70.0-130*		*04/15/2022 23:04*	WG1849425
(S) 1,2-Dichloroethane-d4	*103*			*70.0-130*		*04/19/2022 01:43*	WG1850518

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.248		0.0247	0.100	1	04/27/2022 08:37	WG1854506
(S) o-Terphenyl	*55.8*			*31.0-160*		*04/27/2022 08:37*	WG1854506

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	3200		50.0	1	04/19/2022 18:10	WG1851013
Dissolved Solids	3980	Q	50.0	1	05/08/2022 03:19	WG1860459

Wet Chemistry by Method 353.2

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	0.512		0.0500	0.100	1	04/20/2022 03:38	WG1851024

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	363		3.79	10.0	10	04/16/2022 04:48	WG1849430
Fluoride	2.63		0.640	1.50	10	04/16/2022 04:48	WG1849430
Sulfate	2350		59.4	500	100	04/16/2022 05:05	WG1849430

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00498		0.000180	0.00200	1	04/21/2022 14:28	WG1850315
Arsenic,Dissolved	0.00466		0.000180	0.00200	1	04/21/2022 00:20	WG1850289
Barium	0.0158		0.000381	0.00200	1	04/21/2022 14:28	WG1850315
Barium,Dissolved	0.0140		0.000381	0.00200	1	04/21/2022 00:20	WG1850289
Calcium	500		0.0936	1.00	1	04/21/2022 14:28	WG1850315
Chromium	U		0.00124	0.00200	1	04/21/2022 14:28	WG1850315
Chromium,Dissolved	U		0.00124	0.00200	1	04/21/2022 00:20	WG1850289
Iron	U		0.0281	0.100	1	04/21/2022 14:28	WG1850315
Iron,Dissolved	U		0.0281	0.100	1	04/21/2022 00:20	WG1850289
Lead	U		0.000849	0.00200	1	04/21/2022 14:28	WG1850315
Lead,Dissolved	U		0.000849	0.00200	1	04/21/2022 00:20	WG1850289
Manganese	0.254		0.000704	0.00500	1	04/21/2022 14:28	WG1850315
Manganese,Dissolved	0.00868		0.000704	0.00500	1	04/21/2022 00:20	WG1850289
Potassium	7.99		0.108	2.00	1	04/21/2022 14:28	WG1850315
Selenium	0.00853		0.000300	0.00200	1	04/21/2022 14:28	WG1850315
Selenium,Dissolved	0.00805		0.000300	0.00200	1	04/21/2022 00:20	WG1850289
Sodium	305		0.376	2.00	1	04/21/2022 14:28	WG1850315

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/15/2022 23:25	WG1849425
Benzene	U		0.0000941	0.00100	1	04/15/2022 23:25	WG1849425
Bromodichloromethane	U		0.000136	0.00100	1	04/15/2022 23:25	WG1849425
Bromoform	U		0.000129	0.00100	1	04/15/2022 23:25	WG1849425
Bromomethane	U		0.000605	0.00500	1	04/15/2022 23:25	WG1849425
n-Butylbenzene	U		0.000157	0.00100	1	04/15/2022 23:25	WG1849425
sec-Butylbenzene	U		0.000125	0.00100	1	04/15/2022 23:25	WG1849425
Carbon disulfide	U		0.0000962	0.00100	1	04/15/2022 23:25	WG1849425
Carbon tetrachloride	U		0.000128	0.00100	1	04/15/2022 23:25	WG1849425
Chlorobenzene	U		0.000116	0.00100	1	04/15/2022 23:25	WG1849425
Chlorodibromomethane	U		0.000140	0.00100	1	04/15/2022 23:25	WG1849425
Chloroethane	U		0.000192	0.00500	1	04/15/2022 23:25	WG1849425
Chloroform	U		0.000111	0.00500	1	04/15/2022 23:25	WG1849425
Chloromethane	U		0.000960	0.00250	1	04/15/2022 23:25	WG1849425
1,2-Dibromoethane	U		0.000126	0.00100	1	04/15/2022 23:25	WG1849425

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,1-Dichloroethane	U		0.000100	0.00100	1	04/15/2022 23:25	WG1849425
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/15/2022 23:25	WG1849425
1,1-Dichloroethene	U		0.000188	0.00100	1	04/15/2022 23:25	WG1849425
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/15/2022 23:25	WG1849425
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/15/2022 23:25	WG1849425
1,2-Dichloropropane	U		0.000149	0.00100	1	04/15/2022 23:25	WG1849425
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/15/2022 23:25	WG1849425
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/15/2022 23:25	WG1849425
Ethylbenzene	U		0.000137	0.00100	1	04/15/2022 23:25	WG1849425
Isopropylbenzene	U		0.000105	0.00100	1	04/15/2022 23:25	WG1849425
p-Isopropyltoluene	U		0.000120	0.00100	1	04/15/2022 23:25	WG1849425
2-Butanone (MEK)	U		0.00119	0.0100	1	04/15/2022 23:25	WG1849425
2-Hexanone	U		0.000787	0.0100	1	04/15/2022 23:25	WG1849425
Methylene Chloride	U		0.000430	0.00500	1	04/15/2022 23:25	WG1849425
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/15/2022 23:25	WG1849425
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/15/2022 23:25	WG1849425
Naphthalene	U	J4	0.00100	0.00500	1	04/15/2022 23:25	WG1849425
n-Propylbenzene	U		0.0000993	0.00100	1	04/15/2022 23:25	WG1849425
Styrene	U		0.000118	0.00100	1	04/15/2022 23:25	WG1849425
tert-Butyl alcohol	U		0.00406	0.00500	1	04/15/2022 23:25	WG1849425
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/15/2022 23:25	WG1849425
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/15/2022 23:25	WG1849425
Tetrachloroethene	U		0.000300	0.00100	1	04/15/2022 23:25	WG1849425
Toluene	U		0.000278	0.00100	1	04/19/2022 01:21	WG1850518
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/15/2022 23:25	WG1849425
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/15/2022 23:25	WG1849425
Trichloroethene	U		0.000190	0.00100	1	04/15/2022 23:25	WG1849425
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/15/2022 23:25	WG1849425
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/15/2022 23:25	WG1849425
Vinyl chloride	U		0.000234	0.00100	1	04/15/2022 23:25	WG1849425
o-Xylene	U		0.000174	0.00100	1	04/15/2022 23:25	WG1849425
m&p-Xylene	U		0.000430	0.00200	1	04/15/2022 23:25	WG1849425
Xylenes, Total	U		0.000174	0.00300	1	04/15/2022 23:25	WG1849425
(S) Toluene-d8	*104*			*80.0-120*		*04/15/2022 23:25*	WG1849425
(S) Toluene-d8	*115*			*80.0-120*		*04/19/2022 01:21*	WG1850518
(S) 4-Bromofluorobenzene	*104*			*77.0-126*		*04/15/2022 23:25*	WG1849425
(S) 4-Bromofluorobenzene	*90.4*			*77.0-126*		*04/19/2022 01:21*	WG1850518
(S) 1,2-Dichloroethane-d4	*99.2*			*70.0-130*		*04/15/2022 23:25*	WG1849425
(S) 1,2-Dichloroethane-d4	*103*			*70.0-130*		*04/19/2022 01:21*	WG1850518

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.0724	J	0.0247	0.100	1	04/27/2022 08:57	WG1854506
(S) o-Terphenyl	*58.9*			*31.0-160*		*04/27/2022 08:57*	WG1854506

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	3240		100	1	04/19/2022 18:10	WG1851013
Dissolved Solids	6070	Q	100	1	05/08/2022 03:19	WG1860459

Wet Chemistry by Method 353.2

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	1.52		0.0500	0.100	1	04/20/2022 18:43	WG1851025

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	605		3.79	10.0	10	04/16/2022 05:21	WG1849430
Fluoride	2.36		0.640	1.50	10	04/16/2022 05:21	WG1849430
Sulfate	3670		59.4	500	100	04/16/2022 05:37	WG1849430

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00317		0.000180	0.00200	1	04/21/2022 14:31	WG1850315
Arsenic,Dissolved	0.00283		0.000180	0.00200	1	04/21/2022 00:24	WG1850289
Barium	0.00780		0.000381	0.00200	1	04/21/2022 14:31	WG1850315
Barium,Dissolved	0.00829		0.000381	0.00200	1	04/21/2022 00:24	WG1850289
Calcium	505		0.0936	1.00	1	04/21/2022 14:31	WG1850315
Chromium	U		0.00124	0.00200	1	04/21/2022 14:31	WG1850315
Chromium,Dissolved	U		0.00124	0.00200	1	04/21/2022 00:24	WG1850289
Iron	U		0.0281	0.100	1	04/21/2022 14:31	WG1850315
Iron,Dissolved	U		0.0281	0.100	1	04/21/2022 00:24	WG1850289
Lead	U		0.000849	0.00200	1	04/21/2022 14:31	WG1850315
Lead,Dissolved	U		0.000849	0.00200	1	04/21/2022 00:24	WG1850289
Manganese	0.267		0.000704	0.00500	1	04/21/2022 14:31	WG1850315
Manganese,Dissolved	0.205		0.000704	0.00500	1	04/21/2022 00:24	WG1850289
Potassium	4.50		0.108	2.00	1	04/21/2022 14:31	WG1850315
Selenium	0.0171		0.000300	0.00200	1	04/21/2022 14:31	WG1850315
Selenium,Dissolved	0.0159		0.000300	0.00200	1	04/21/2022 00:24	WG1850289
Sodium	452		0.376	2.00	1	04/21/2022 14:31	WG1850315

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/15/2022 23:47	WG1849425
Benzene	U		0.0000941	0.00100	1	04/15/2022 23:47	WG1849425
Bromodichloromethane	U		0.000136	0.00100	1	04/15/2022 23:47	WG1849425
Bromoform	U		0.000129	0.00100	1	04/15/2022 23:47	WG1849425
Bromomethane	U		0.000605	0.00500	1	04/15/2022 23:47	WG1849425
n-Butylbenzene	U		0.000157	0.00100	1	04/15/2022 23:47	WG1849425
sec-Butylbenzene	U		0.000125	0.00100	1	04/15/2022 23:47	WG1849425
Carbon disulfide	U		0.0000962	0.00100	1	04/15/2022 23:47	WG1849425
Carbon tetrachloride	U		0.000128	0.00100	1	04/15/2022 23:47	WG1849425
Chlorobenzene	U		0.000116	0.00100	1	04/15/2022 23:47	WG1849425
Chlorodibromomethane	U		0.000140	0.00100	1	04/15/2022 23:47	WG1849425
Chloroethane	U		0.000192	0.00500	1	04/15/2022 23:47	WG1849425
Chloroform	U		0.000111	0.00500	1	04/15/2022 23:47	WG1849425
Chloromethane	U		0.000960	0.00250	1	04/15/2022 23:47	WG1849425
1,2-Dibromoethane	U		0.000126	0.00100	1	04/15/2022 23:47	WG1849425

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,1-Dichloroethane	U		0.000100	0.00100	1	04/15/2022 23:47	WG1849425
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/15/2022 23:47	WG1849425
1,1-Dichloroethene	U		0.000188	0.00100	1	04/15/2022 23:47	WG1849425
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/15/2022 23:47	WG1849425
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/15/2022 23:47	WG1849425
1,2-Dichloropropane	U		0.000149	0.00100	1	04/15/2022 23:47	WG1849425
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/15/2022 23:47	WG1849425
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/15/2022 23:47	WG1849425
Ethylbenzene	U		0.000137	0.00100	1	04/15/2022 23:47	WG1849425
Isopropylbenzene	U		0.000105	0.00100	1	04/15/2022 23:47	WG1849425
p-Isopropyltoluene	U		0.000120	0.00100	1	04/15/2022 23:47	WG1849425
2-Butanone (MEK)	U		0.00119	0.0100	1	04/15/2022 23:47	WG1849425
2-Hexanone	U		0.000787	0.0100	1	04/15/2022 23:47	WG1849425
Methylene Chloride	U		0.000430	0.00500	1	04/15/2022 23:47	WG1849425
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/15/2022 23:47	WG1849425
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/15/2022 23:47	WG1849425
Naphthalene	U	J4	0.00100	0.00500	1	04/15/2022 23:47	WG1849425
n-Propylbenzene	U		0.0000993	0.00100	1	04/15/2022 23:47	WG1849425
Styrene	U		0.000118	0.00100	1	04/15/2022 23:47	WG1849425
tert-Butyl alcohol	U		0.00406	0.00500	1	04/15/2022 23:47	WG1849425
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/15/2022 23:47	WG1849425
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/15/2022 23:47	WG1849425
Tetrachloroethene	U		0.000300	0.00100	1	04/15/2022 23:47	WG1849425
Toluene	U		0.000278	0.00100	1	04/19/2022 01:00	WG1850518
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/15/2022 23:47	WG1849425
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/15/2022 23:47	WG1849425
Trichloroethene	U		0.000190	0.00100	1	04/15/2022 23:47	WG1849425
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/15/2022 23:47	WG1849425
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/15/2022 23:47	WG1849425
Vinyl chloride	U		0.000234	0.00100	1	04/15/2022 23:47	WG1849425
o-Xylene	U		0.000174	0.00100	1	04/15/2022 23:47	WG1849425
m&p-Xylene	U		0.000430	0.00200	1	04/15/2022 23:47	WG1849425
Xylenes, Total	U		0.000174	0.00300	1	04/15/2022 23:47	WG1849425
(S) Toluene-d8	*99.8*			*80.0-120*		*04/15/2022 23:47*	WG1849425
(S) Toluene-d8	*116*			*80.0-120*		*04/19/2022 01:00*	WG1850518
(S) 4-Bromofluorobenzene	*99.5*			*77.0-126*		*04/15/2022 23:47*	WG1849425
(S) 4-Bromofluorobenzene	*94.4*			*77.0-126*		*04/19/2022 01:00*	WG1850518
(S) 1,2-Dichloroethane-d4	*97.8*			*70.0-130*		*04/15/2022 23:47*	WG1849425
(S) 1,2-Dichloroethane-d4	*96.4*			*70.0-130*		*04/19/2022 01:00*	WG1850518

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	U		0.0247	0.100	1	04/27/2022 09:17	WG1854506
(S) o-Terphenyl	*63.2*			*31.0-160*		*04/27/2022 09:17*	WG1854506

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/15/2022 19:10	WG1849425
Benzene	U		0.0000941	0.00100	1	04/15/2022 19:10	WG1849425
Bromodichloromethane	U		0.000136	0.00100	1	04/15/2022 19:10	WG1849425
Bromoform	U		0.000129	0.00100	1	04/15/2022 19:10	WG1849425
Bromomethane	U		0.000605	0.00500	1	04/15/2022 19:10	WG1849425
n-Butylbenzene	U		0.000157	0.00100	1	04/15/2022 19:10	WG1849425
sec-Butylbenzene	U		0.000125	0.00100	1	04/15/2022 19:10	WG1849425
Carbon disulfide	U		0.0000962	0.00100	1	04/15/2022 19:10	WG1849425
Carbon tetrachloride	U		0.000128	0.00100	1	04/15/2022 19:10	WG1849425
Chlorobenzene	U		0.000116	0.00100	1	04/15/2022 19:10	WG1849425
Chlorodibromomethane	U		0.000140	0.00100	1	04/15/2022 19:10	WG1849425
Chloroethane	U		0.000192	0.00500	1	04/15/2022 19:10	WG1849425
Chloroform	U		0.000111	0.00500	1	04/15/2022 19:10	WG1849425
Chloromethane	U		0.000960	0.00250	1	04/15/2022 19:10	WG1849425
1,2-Dibromoethane	U		0.000126	0.00100	1	04/15/2022 19:10	WG1849425
1,1-Dichloroethane	U		0.000100	0.00100	1	04/15/2022 19:10	WG1849425
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/15/2022 19:10	WG1849425
1,1-Dichloroethene	U		0.000188	0.00100	1	04/15/2022 19:10	WG1849425
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/15/2022 19:10	WG1849425
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/15/2022 19:10	WG1849425
1,2-Dichloropropane	U		0.000149	0.00100	1	04/15/2022 19:10	WG1849425
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/15/2022 19:10	WG1849425
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/15/2022 19:10	WG1849425
Ethylbenzene	U		0.000137	0.00100	1	04/15/2022 19:10	WG1849425
Isopropylbenzene	U		0.000105	0.00100	1	04/15/2022 19:10	WG1849425
p-Isopropyltoluene	U		0.000120	0.00100	1	04/15/2022 19:10	WG1849425
2-Butanone (MEK)	U		0.00119	0.0100	1	04/15/2022 19:10	WG1849425
2-Hexanone	U		0.000787	0.0100	1	04/15/2022 19:10	WG1849425
Methylene Chloride	U		0.000430	0.00500	1	04/15/2022 19:10	WG1849425
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/15/2022 19:10	WG1849425
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/15/2022 19:10	WG1849425
Naphthalene	U	J4	0.00100	0.00500	1	04/15/2022 19:10	WG1849425
n-Propylbenzene	U		0.0000993	0.00100	1	04/15/2022 19:10	WG1849425
Styrene	U		0.000118	0.00100	1	04/15/2022 19:10	WG1849425
tert-Butyl alcohol	U		0.00406	0.00500	1	04/15/2022 19:10	WG1849425
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/15/2022 19:10	WG1849425
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/15/2022 19:10	WG1849425
Tetrachloroethene	U		0.000300	0.00100	1	04/15/2022 19:10	WG1849425
Toluene	U		0.000278	0.00100	1	04/15/2022 19:10	WG1849425
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/15/2022 19:10	WG1849425
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/15/2022 19:10	WG1849425
Trichloroethene	U		0.000190	0.00100	1	04/15/2022 19:10	WG1849425
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/15/2022 19:10	WG1849425
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/15/2022 19:10	WG1849425
Vinyl chloride	U		0.000234	0.00100	1	04/15/2022 19:10	WG1849425
o-Xylene	U		0.000174	0.00100	1	04/15/2022 19:10	WG1849425
m&p-Xylene	U		0.000430	0.00200	1	04/15/2022 19:10	WG1849425
Xylenes, Total	U		0.000174	0.00300	1	04/15/2022 19:10	WG1849425
(S) Toluene-d8	*98.6*			*80.0-120*		*04/15/2022 19:10*	WG1849425
(S) 4-Bromofluorobenzene	*103*			*77.0-126*		*04/15/2022 19:10*	WG1849425
(S) 1,2-Dichloroethane-d4	*105*			*70.0-130*		*04/15/2022 19:10*	WG1849425

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	3830		50.0	1	04/19/2022 14:44	WG1850669

Wet Chemistry by Method 353.2

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	1.82		0.0500	0.100	1	04/20/2022 18:48	WG1851025

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	365		3.79	10.0	10	04/16/2022 05:54	WG1849430
Fluoride	3.03		0.640	1.50	10	04/16/2022 05:54	WG1849430
Sulfate	2140		59.4	500	100	04/16/2022 06:10	WG1849430

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00285		0.000180	0.00200	1	04/21/2022 14:34	WG1850315
Arsenic,Dissolved	0.00353		0.000180	0.00200	1	04/21/2022 00:27	WG1850289
Barium	0.00960		0.000381	0.00200	1	04/21/2022 14:34	WG1850315
Barium,Dissolved	0.00961		0.000381	0.00200	1	04/21/2022 00:27	WG1850289
Calcium	571		0.0936	1.00	1	04/21/2022 14:34	WG1850315
Chromium	U		0.00124	0.00200	1	04/21/2022 14:34	WG1850315
Chromium,Dissolved	U		0.00124	0.00200	1	04/21/2022 00:27	WG1850289
Iron	U		0.0281	0.100	1	04/21/2022 14:34	WG1850315
Iron,Dissolved	U		0.0281	0.100	1	04/21/2022 00:27	WG1850289
Lead	U		0.000849	0.00200	1	04/21/2022 14:34	WG1850315
Lead,Dissolved	U		0.000849	0.00200	1	04/21/2022 00:27	WG1850289
Manganese	0.00412	J	0.000704	0.00500	1	04/21/2022 14:34	WG1850315
Manganese,Dissolved	0.00305	J	0.000704	0.00500	1	04/21/2022 00:27	WG1850289
Potassium	5.39		0.108	2.00	1	04/21/2022 14:34	WG1850315
Selenium	0.00714		0.000300	0.00200	1	04/21/2022 14:34	WG1850315
Selenium,Dissolved	0.00676		0.000300	0.00200	1	04/21/2022 00:27	WG1850289
Sodium	169		0.376	2.00	1	04/21/2022 14:34	WG1850315

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	U		0.0314	0.100	1	04/18/2022 13:25	WG1849976
(S) a,a,a-Trifluorotoluene(FID)	*108*			*78.0-120*		*04/18/2022 13:25*	WG1849976

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/16/2022 00:08	WG1849425
Benzene	U		0.0000941	0.00100	1	04/16/2022 00:08	WG1849425
Bromodichloromethane	U		0.000136	0.00100	1	04/16/2022 00:08	WG1849425
Bromoform	U		0.000129	0.00100	1	04/16/2022 00:08	WG1849425
Bromomethane	U		0.000605	0.00500	1	04/16/2022 00:08	WG1849425
n-Butylbenzene	U		0.000157	0.00100	1	04/16/2022 00:08	WG1849425
sec-Butylbenzene	U		0.000125	0.00100	1	04/16/2022 00:08	WG1849425
Carbon disulfide	U		0.0000962	0.00100	1	04/16/2022 00:08	WG1849425
Carbon tetrachloride	U		0.000128	0.00100	1	04/16/2022 00:08	WG1849425

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chlorobenzene	U		0.000116	0.00100	1	04/16/2022 00:08	WG1849425
Chlorodibromomethane	U		0.000140	0.00100	1	04/16/2022 00:08	WG1849425
Chloroethane	U		0.000192	0.00500	1	04/16/2022 00:08	WG1849425
Chloroform	U		0.000111	0.00500	1	04/16/2022 00:08	WG1849425
Chloromethane	U		0.000960	0.00250	1	04/16/2022 00:08	WG1849425
1,2-Dibromoethane	U		0.000126	0.00100	1	04/16/2022 00:08	WG1849425
1,1-Dichloroethane	U		0.000100	0.00100	1	04/16/2022 00:08	WG1849425
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/16/2022 00:08	WG1849425
1,1-Dichloroethene	U		0.000188	0.00100	1	04/16/2022 00:08	WG1849425
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/16/2022 00:08	WG1849425
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/16/2022 00:08	WG1849425
1,2-Dichloropropane	U		0.000149	0.00100	1	04/16/2022 00:08	WG1849425
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/16/2022 00:08	WG1849425
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/16/2022 00:08	WG1849425
Ethylbenzene	U		0.000137	0.00100	1	04/16/2022 00:08	WG1849425
Isopropylbenzene	U		0.000105	0.00100	1	04/16/2022 00:08	WG1849425
p-Isopropyltoluene	U		0.000120	0.00100	1	04/16/2022 00:08	WG1849425
2-Butanone (MEK)	U		0.00119	0.0100	1	04/16/2022 00:08	WG1849425
2-Hexanone	U		0.000787	0.0100	1	04/16/2022 00:08	WG1849425
Methylene Chloride	U		0.000430	0.00500	1	04/16/2022 00:08	WG1849425
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/16/2022 00:08	WG1849425
Methyl tert-butyl ether	0.0384		0.000101	0.00100	1	04/16/2022 00:08	WG1849425
Naphthalene	U	J4	0.00100	0.00500	1	04/16/2022 00:08	WG1849425
n-Propylbenzene	U		0.0000993	0.00100	1	04/16/2022 00:08	WG1849425
Styrene	U		0.000118	0.00100	1	04/16/2022 00:08	WG1849425
tert-Butyl alcohol	U		0.00406	0.00500	1	04/16/2022 00:08	WG1849425
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/16/2022 00:08	WG1849425
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/16/2022 00:08	WG1849425
Tetrachloroethene	U		0.000300	0.00100	1	04/16/2022 00:08	WG1849425
Toluene	U		0.000278	0.00100	1	04/16/2022 00:08	WG1849425
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/16/2022 00:08	WG1849425
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/16/2022 00:08	WG1849425
Trichloroethene	U		0.000190	0.00100	1	04/16/2022 00:08	WG1849425
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/16/2022 00:08	WG1849425
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/16/2022 00:08	WG1849425
Vinyl chloride	U		0.000234	0.00100	1	04/16/2022 00:08	WG1849425
o-Xylene	U		0.000174	0.00100	1	04/16/2022 00:08	WG1849425
m&p-Xylene	U		0.000430	0.00200	1	04/16/2022 00:08	WG1849425
Xylenes, Total	U		0.000174	0.00300	1	04/16/2022 00:08	WG1849425
(S) Toluene-d8	*101*			*80.0-120*		*04/16/2022 00:08*	WG1849425
(S) 4-Bromofluorobenzene	*104*			*77.0-126*		*04/16/2022 00:08*	WG1849425
(S) 1,2-Dichloroethane-d4	*100*			*70.0-130*		*04/16/2022 00:08*	WG1849425

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.247		0.0247	0.100	1	04/27/2022 09:37	WG1854506
(S) o-Terphenyl	*58.9*			*31.0-160*		*04/27/2022 09:37*	WG1854506

Semi Volatile Organic Compounds (GC/MS) by Method 8270 C-mod

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,4-Dioxane	0.000160	J	0.0000447	0.000400	1	04/17/2022 15:49	WG1849044
(S) Nitrobenzene-d5	*62.9*			*10.0-120*		*04/17/2022 15:49*	WG1849044

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	4750		50.0	1	04/19/2022 14:44	WG1850669

Wet Chemistry by Method 353.2

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	2.25		0.0500	0.100	1	04/20/2022 18:50	WG1851025

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	265		3.79	10.0	10	04/16/2022 06:27	WG1849430
Fluoride	4.40		0.640	1.50	10	04/16/2022 06:27	WG1849430
Sulfate	3180		59.4	500	100	04/16/2022 06:43	WG1849430

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00634		0.000180	0.00200	1	04/21/2022 14:38	WG1850315
Arsenic,Dissolved	0.00614		0.000180	0.00200	1	04/21/2022 00:37	WG1850289
Barium	0.0121		0.000381	0.00200	1	04/21/2022 14:38	WG1850315
Barium,Dissolved	0.00971		0.000381	0.00200	1	04/21/2022 00:37	WG1850289
Calcium	562		0.0936	1.00	1	04/21/2022 14:38	WG1850315
Chromium	0.00321		0.00124	0.00200	1	04/21/2022 14:38	WG1850315
Chromium,Dissolved	U		0.00124	0.00200	1	04/21/2022 00:37	WG1850289
Iron	0.117		0.0281	0.100	1	04/21/2022 14:38	WG1850315
Iron,Dissolved	0.0339	J	0.0281	0.100	1	04/21/2022 00:37	WG1850289
Lead	U		0.000849	0.00200	1	04/21/2022 14:38	WG1850315
Lead,Dissolved	U		0.000849	0.00200	1	04/21/2022 00:37	WG1850289
Manganese	0.00124	J	0.000704	0.00500	1	04/21/2022 14:38	WG1850315
Manganese,Dissolved	U		0.000704	0.00500	1	04/21/2022 00:37	WG1850289
Potassium	2.09		0.108	2.00	1	04/21/2022 14:38	WG1850315
Selenium	0.0143		0.000300	0.00200	1	04/21/2022 14:38	WG1850315
Selenium,Dissolved	0.0137		0.000300	0.00200	1	04/21/2022 00:37	WG1850289
Sodium	186		0.376	2.00	1	04/21/2022 14:38	WG1850315

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	U		0.0314	0.100	1	04/18/2022 13:47	WG1849976
(S) a,a,a-Trifluorotoluene(FID)	*109*			*78.0-120*		*04/18/2022 13:47*	WG1849976

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/16/2022 00:29	WG1849425
Benzene	U		0.0000941	0.00100	1	04/16/2022 00:29	WG1849425
Bromodichloromethane	U		0.000136	0.00100	1	04/16/2022 00:29	WG1849425
Bromoform	U		0.000129	0.00100	1	04/16/2022 00:29	WG1849425
Bromomethane	U		0.000605	0.00500	1	04/16/2022 00:29	WG1849425
n-Butylbenzene	U		0.000157	0.00100	1	04/16/2022 00:29	WG1849425
sec-Butylbenzene	U		0.000125	0.00100	1	04/16/2022 00:29	WG1849425
Carbon disulfide	U		0.0000962	0.00100	1	04/16/2022 00:29	WG1849425
Carbon tetrachloride	U		0.000128	0.00100	1	04/16/2022 00:29	WG1849425

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chlorobenzene	U		0.000116	0.00100	1	04/16/2022 00:29	WG1849425
Chlorodibromomethane	U		0.000140	0.00100	1	04/16/2022 00:29	WG1849425
Chloroethane	U		0.000192	0.00500	1	04/16/2022 00:29	WG1849425
Chloroform	U		0.000111	0.00500	1	04/16/2022 00:29	WG1849425
Chloromethane	U		0.000960	0.00250	1	04/16/2022 00:29	WG1849425
1,2-Dibromoethane	U		0.000126	0.00100	1	04/16/2022 00:29	WG1849425
1,1-Dichloroethane	U		0.000100	0.00100	1	04/16/2022 00:29	WG1849425
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/16/2022 00:29	WG1849425
1,1-Dichloroethene	U		0.000188	0.00100	1	04/16/2022 00:29	WG1849425
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/16/2022 00:29	WG1849425
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/16/2022 00:29	WG1849425
1,2-Dichloropropane	U		0.000149	0.00100	1	04/16/2022 00:29	WG1849425
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/16/2022 00:29	WG1849425
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/16/2022 00:29	WG1849425
Ethylbenzene	U		0.000137	0.00100	1	04/16/2022 00:29	WG1849425
Isopropylbenzene	U		0.000105	0.00100	1	04/16/2022 00:29	WG1849425
p-Isopropyltoluene	U		0.000120	0.00100	1	04/16/2022 00:29	WG1849425
2-Butanone (MEK)	U		0.00119	0.0100	1	04/16/2022 00:29	WG1849425
2-Hexanone	U		0.000787	0.0100	1	04/16/2022 00:29	WG1849425
Methylene Chloride	U		0.000430	0.00500	1	04/16/2022 00:29	WG1849425
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/16/2022 00:29	WG1849425
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/16/2022 00:29	WG1849425
Naphthalene	U	J4	0.00100	0.00500	1	04/16/2022 00:29	WG1849425
n-Propylbenzene	U		0.0000993	0.00100	1	04/16/2022 00:29	WG1849425
Styrene	U		0.000118	0.00100	1	04/16/2022 00:29	WG1849425
tert-Butyl alcohol	U		0.00406	0.00500	1	04/16/2022 00:29	WG1849425
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/16/2022 00:29	WG1849425
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/16/2022 00:29	WG1849425
Tetrachloroethene	U		0.000300	0.00100	1	04/16/2022 00:29	WG1849425
Toluene	U		0.000278	0.00100	1	04/16/2022 00:29	WG1849425
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/16/2022 00:29	WG1849425
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/16/2022 00:29	WG1849425
Trichloroethene	U		0.000190	0.00100	1	04/16/2022 00:29	WG1849425
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/16/2022 00:29	WG1849425
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/16/2022 00:29	WG1849425
Vinyl chloride	U		0.000234	0.00100	1	04/16/2022 00:29	WG1849425
o-Xylene	U		0.000174	0.00100	1	04/16/2022 00:29	WG1849425
m&p-Xylene	U		0.000430	0.00200	1	04/16/2022 00:29	WG1849425
Xylenes, Total	U		0.000174	0.00300	1	04/16/2022 00:29	WG1849425
(S) Toluene-d8	*100*			*80.0-120*		*04/16/2022 00:29*	WG1849425
(S) 4-Bromofluorobenzene	*101*			*77.0-126*		*04/16/2022 00:29*	WG1849425
(S) 1,2-Dichloroethane-d4	*98.2*			*70.0-130*		*04/16/2022 00:29*	WG1849425

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	U		0.0247	0.100	1	04/27/2022 09:57	WG1854506
(S) o-Terphenyl	*57.4*			*31.0-160*		*04/27/2022 09:57*	WG1854506

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	3520		50.0	1	04/19/2022 14:44	WG1850669

Wet Chemistry by Method 353.2

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	1.43		0.0500	0.100	1	04/20/2022 18:51	WG1851025

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	294		3.79	10.0	10	04/16/2022 06:59	WG1849430
Fluoride	1.88		0.640	1.50	10	04/16/2022 06:59	WG1849430
Sulfate	2730		59.4	500	100	04/16/2022 07:16	WG1849430

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00442		0.000180	0.00200	1	04/21/2022 14:41	WG1850315
Arsenic,Dissolved	0.00393		0.000180	0.00200	1	04/21/2022 00:41	WG1850289
Barium	0.0137		0.000381	0.00200	1	04/21/2022 14:41	WG1850315
Barium,Dissolved	0.00896		0.000381	0.00200	1	04/21/2022 00:41	WG1850289
Calcium	585		0.0936	1.00	1	04/21/2022 14:41	WG1850315
Chromium	U		0.00124	0.00200	1	04/21/2022 14:41	WG1850315
Chromium,Dissolved	U		0.00124	0.00200	1	04/21/2022 00:41	WG1850289
Iron	0.206		0.0281	0.100	1	04/21/2022 14:41	WG1850315
Iron,Dissolved	U		0.0281	0.100	1	04/21/2022 00:41	WG1850289
Lead	U		0.000849	0.00200	1	04/21/2022 14:41	WG1850315
Lead,Dissolved	U		0.000849	0.00200	1	04/21/2022 00:41	WG1850289
Manganese	0.0144		0.000704	0.00500	1	04/21/2022 14:41	WG1850315
Manganese,Dissolved	0.00231	J	0.000704	0.00500	1	04/21/2022 00:41	WG1850289
Potassium	0.684	J	0.108	2.00	1	04/21/2022 14:41	WG1850315
Selenium	0.00467		0.000300	0.00200	1	04/21/2022 14:41	WG1850315
Selenium,Dissolved	0.00532		0.000300	0.00200	1	04/21/2022 00:41	WG1850289
Sodium	186		0.376	2.00	1	04/21/2022 14:41	WG1850315

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	U		0.0314	0.100	1	04/18/2022 14:09	WG1849976
(S) a,a,a-Trifluorotoluene(FID)	*108*			*78.0-120*		*04/18/2022 14:09*	WG1849976

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/16/2022 05:32	WG1849446
Benzene	U		0.0000941	0.00100	1	04/16/2022 05:32	WG1849446
Bromodichloromethane	U		0.000136	0.00100	1	04/16/2022 05:32	WG1849446
Bromoform	U		0.000129	0.00100	1	04/16/2022 05:32	WG1849446
Bromomethane	U		0.000605	0.00500	1	04/16/2022 05:32	WG1849446
n-Butylbenzene	U		0.000157	0.00100	1	04/16/2022 05:32	WG1849446
sec-Butylbenzene	U		0.000125	0.00100	1	04/16/2022 05:32	WG1849446
Carbon disulfide	U		0.0000962	0.00100	1	04/16/2022 05:32	WG1849446
Carbon tetrachloride	U		0.000128	0.00100	1	04/16/2022 05:32	WG1849446

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chlorobenzene	U		0.000116	0.00100	1	04/16/2022 05:32	WG1849446
Chlorodibromomethane	U		0.000140	0.00100	1	04/16/2022 05:32	WG1849446
Chloroethane	U		0.000192	0.00500	1	04/16/2022 05:32	WG1849446
Chloroform	U		0.000111	0.00500	1	04/16/2022 05:32	WG1849446
Chloromethane	U		0.000960	0.00250	1	04/16/2022 05:32	WG1849446
1,2-Dibromoethane	U		0.000126	0.00100	1	04/16/2022 05:32	WG1849446
1,1-Dichloroethane	U		0.000100	0.00100	1	04/16/2022 05:32	WG1849446
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/16/2022 05:32	WG1849446
1,1-Dichloroethene	U		0.000188	0.00100	1	04/16/2022 05:32	WG1849446
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/16/2022 05:32	WG1849446
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/16/2022 05:32	WG1849446
1,2-Dichloropropane	U		0.000149	0.00100	1	04/16/2022 05:32	WG1849446
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/16/2022 05:32	WG1849446
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/16/2022 05:32	WG1849446
Ethylbenzene	U		0.000137	0.00100	1	04/16/2022 05:32	WG1849446
Isopropylbenzene	U		0.000105	0.00100	1	04/16/2022 05:32	WG1849446
p-Isopropyltoluene	U		0.000120	0.00100	1	04/16/2022 05:32	WG1849446
2-Butanone (MEK)	U		0.00119	0.0100	1	04/16/2022 05:32	WG1849446
2-Hexanone	U		0.000787	0.0100	1	04/16/2022 05:32	WG1849446
Methylene Chloride	U		0.000430	0.00500	1	04/16/2022 05:32	WG1849446
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/16/2022 05:32	WG1849446
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/16/2022 05:32	WG1849446
Naphthalene	U		0.00100	0.00500	1	04/16/2022 05:32	WG1849446
n-Propylbenzene	U		0.0000993	0.00100	1	04/16/2022 05:32	WG1849446
Styrene	U		0.000118	0.00100	1	04/16/2022 05:32	WG1849446
tert-Butyl alcohol	U		0.00406	0.00500	1	04/16/2022 05:32	WG1849446
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/16/2022 05:32	WG1849446
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/16/2022 05:32	WG1849446
Tetrachloroethene	U		0.000300	0.00100	1	04/16/2022 05:32	WG1849446
Toluene	U		0.000278	0.00100	1	04/16/2022 05:32	WG1849446
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/16/2022 05:32	WG1849446
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/16/2022 05:32	WG1849446
Trichloroethene	U		0.000190	0.00100	1	04/16/2022 05:32	WG1849446
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/16/2022 05:32	WG1849446
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/16/2022 05:32	WG1849446
Vinyl chloride	U		0.000234	0.00100	1	04/16/2022 05:32	WG1849446
o-Xylene	U		0.000174	0.00100	1	04/16/2022 05:32	WG1849446
m&p-Xylene	U		0.000430	0.00200	1	04/16/2022 05:32	WG1849446
Xylenes, Total	U		0.000174	0.00300	1	04/16/2022 05:32	WG1849446
(S) Toluene-d8	*102*			*80.0-120*		*04/16/2022 05:32*	WG1849446
(S) 4-Bromofluorobenzene	*104*			*77.0-126*		*04/16/2022 05:32*	WG1849446
(S) 1,2-Dichloroethane-d4	*116*			*70.0-130*		*04/16/2022 05:32*	WG1849446

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	U		0.0247	0.100	1	04/27/2022 10:17	WG1854506
(S) o-Terphenyl	*58.4*			*31.0-160*		*04/27/2022 10:17*	WG1854506

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Dissolved Solids	3560		50.0	1	04/19/2022 14:44	WG1850669

Wet Chemistry by Method 353.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Nitrate-Nitrite	12.0		0.500	1.00	10	04/20/2022 18:56	WG1851025

Wet Chemistry by Method 4500CN E-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Cyanide	U		0.00180	0.00500	1	04/19/2022 17:21	WG1849788

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Chloride	337		3.79	10.0	10	04/16/2022 08:05	WG1849430
Fluoride	1.86		0.640	1.50	10	04/16/2022 08:05	WG1849430
Sulfate	1940		59.4	500	100	04/16/2022 08:22	WG1849430

Mercury by Method 7470A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Mercury	U		0.000100	0.000200	1	04/27/2022 11:05	WG1848992
Mercury,Dissolved	U		0.000100	0.000200	1	04/27/2022 09:40	WG1848996

Metals (ICP) by Method 6010B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Boron	0.486		0.0200	0.200	1	04/22/2022 18:55	WG1850365
Boron,Dissolved	0.487		0.0200	0.200	1	04/22/2022 16:31	WG1850351

Metals (ICPMS) by Method 6020

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Arsenic	0.00250		0.000180	0.00200	1	04/21/2022 14:44	WG1850315
Arsenic,Dissolved	0.00223		0.000180	0.00200	1	04/21/2022 00:45	WG1850289
Barium	0.0118		0.000381	0.00200	1	04/21/2022 14:44	WG1850315
Barium,Dissolved	0.0110		0.000381	0.00200	1	04/21/2022 00:45	WG1850289
Cadmium	U		0.000150	0.00100	1	04/21/2022 14:44	WG1850315
Cadmium,Dissolved	U		0.000150	0.00100	1	04/21/2022 00:45	WG1850289
Calcium	528		0.0936	1.00	1	04/21/2022 14:44	WG1850315
Chromium	0.00402		0.00124	0.00200	1	04/21/2022 14:44	WG1850315
Chromium,Dissolved	U		0.00124	0.00200	1	04/21/2022 00:45	WG1850289
Cobalt	0.000959	J	0.0000596	0.00200	1	04/21/2022 14:44	WG1850315
Cobalt,Dissolved	0.000887	J	0.0000596	0.00200	1	04/21/2022 00:45	WG1850289
Iron	0.112		0.0281	0.100	1	04/21/2022 14:44	WG1850315
Iron,Dissolved	U		0.0281	0.100	1	04/21/2022 00:45	WG1850289
Lead	U		0.000849	0.00200	1	04/21/2022 14:44	WG1850315
Lead,Dissolved	U		0.000849	0.00200	1	04/21/2022 00:45	WG1850289
Manganese	0.0166		0.000704	0.00500	1	04/21/2022 14:44	WG1850315
Manganese,Dissolved	0.00142	J	0.000704	0.00500	1	04/21/2022 00:45	WG1850289
Nickel	U		0.000816	0.00200	1	04/21/2022 14:44	WG1850315
Nickel,Dissolved	0.00287		0.000816	0.00200	1	04/21/2022 00:45	WG1850289

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Potassium	2.33		0.108	2.00	1	04/21/2022 14:44	WG1850315
Selenium	0.00657		0.000300	0.00200	1	04/21/2022 14:44	WG1850315
Selenium,Dissolved	0.00879		0.000300	0.00200	1	04/21/2022 00:45	WG1850289
Sodium	108		0.376	2.00	1	04/21/2022 14:44	WG1850315
Uranium	0.0380		0.0000789	0.00100	1	04/21/2022 14:44	WG1850315
Uranium,Dissolved	0.0338		0.0000789	0.00100	1	04/21/2022 00:45	WG1850289
Vanadium	0.0156		0.000664	0.00500	1	04/21/2022 14:44	WG1850315
Vanadium,Dissolved	0.0140		0.000664	0.00500	1	04/21/2022 00:45	WG1850289

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	U		0.0314	0.100	1	04/18/2022 14:30	WG1849976
(S) a,a,a-Trifluorotoluene(FID)	*109*			*78.0-120*		*04/18/2022 14:30*	WG1849976

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/16/2022 05:50	WG1849446
Benzene	U		0.0000941	0.00100	1	04/16/2022 05:50	WG1849446
Bromodichloromethane	U		0.000136	0.00100	1	04/16/2022 05:50	WG1849446
Bromoform	U		0.000129	0.00100	1	04/16/2022 05:50	WG1849446
Bromomethane	U		0.000605	0.00500	1	04/16/2022 05:50	WG1849446
n-Butylbenzene	U		0.000157	0.00100	1	04/16/2022 05:50	WG1849446
sec-Butylbenzene	U		0.000125	0.00100	1	04/16/2022 05:50	WG1849446
Carbon disulfide	U		0.0000962	0.00100	1	04/16/2022 05:50	WG1849446
Carbon tetrachloride	U		0.000128	0.00100	1	04/16/2022 05:50	WG1849446
Chlorobenzene	U		0.000116	0.00100	1	04/16/2022 05:50	WG1849446
Chlorodibromomethane	U		0.000140	0.00100	1	04/16/2022 05:50	WG1849446
Chloroethane	U		0.000192	0.00500	1	04/16/2022 05:50	WG1849446
Chloroform	U		0.000111	0.00500	1	04/16/2022 05:50	WG1849446
Chloromethane	U		0.000960	0.00250	1	04/16/2022 05:50	WG1849446
1,2-Dibromoethane	U		0.000126	0.00100	1	04/16/2022 05:50	WG1849446
1,1-Dichloroethane	U		0.000100	0.00100	1	04/16/2022 05:50	WG1849446
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/16/2022 05:50	WG1849446
1,1-Dichloroethene	U		0.000188	0.00100	1	04/16/2022 05:50	WG1849446
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/16/2022 05:50	WG1849446
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/16/2022 05:50	WG1849446
1,2-Dichloropropane	U		0.000149	0.00100	1	04/16/2022 05:50	WG1849446
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/16/2022 05:50	WG1849446
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/16/2022 05:50	WG1849446
Ethylbenzene	U		0.000137	0.00100	1	04/16/2022 05:50	WG1849446
Isopropylbenzene	U		0.000105	0.00100	1	04/16/2022 05:50	WG1849446
p-Isopropyltoluene	U		0.000120	0.00100	1	04/16/2022 05:50	WG1849446
2-Butanone (MEK)	U		0.00119	0.0100	1	04/16/2022 05:50	WG1849446
2-Hexanone	U		0.000787	0.0100	1	04/16/2022 05:50	WG1849446
Methylene Chloride	U		0.000430	0.00500	1	04/16/2022 05:50	WG1849446
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/16/2022 05:50	WG1849446
Methyl tert-butyl ether	0.000602	J	0.000101	0.00100	1	04/16/2022 05:50	WG1849446
Naphthalene	U		0.00100	0.00500	1	04/16/2022 05:50	WG1849446
n-Propylbenzene	U		0.0000993	0.00100	1	04/16/2022 05:50	WG1849446
Styrene	U		0.000118	0.00100	1	04/16/2022 05:50	WG1849446
tert-Butyl alcohol	U		0.00406	0.00500	1	04/16/2022 05:50	WG1849446
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/16/2022 05:50	WG1849446
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/16/2022 05:50	WG1849446

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Tetrachloroethene	U		0.000300	0.00100	1	04/16/2022 05:50	WG1849446
Toluene	U		0.000278	0.00100	1	04/16/2022 05:50	WG1849446
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/16/2022 05:50	WG1849446
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/16/2022 05:50	WG1849446
Trichloroethene	U		0.000190	0.00100	1	04/16/2022 05:50	WG1849446
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/16/2022 05:50	WG1849446
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/16/2022 05:50	WG1849446
Vinyl chloride	U		0.000234	0.00100	1	04/16/2022 05:50	WG1849446
o-Xylene	U		0.000174	0.00100	1	04/16/2022 05:50	WG1849446
m&p-Xylene	U		0.000430	0.00200	1	04/16/2022 05:50	WG1849446
Xylenes, Total	U		0.000174	0.00300	1	04/16/2022 05:50	WG1849446
(S) Toluene-d8	*103*			*80.0-120*		*04/16/2022 05:50*	WG1849446
(S) 4-Bromofluorobenzene	*101*			*77.0-126*		*04/16/2022 05:50*	WG1849446
(S) 1,2-Dichloroethane-d4	*112*			*70.0-130*		*04/16/2022 05:50*	WG1849446

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.0485	J	0.0247	0.100	1	04/27/2022 10:37	WG1854506
(S) o-Terphenyl	*59.5*			*31.0-160*		*04/27/2022 10:37*	WG1854506

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	3980		50.0	1	04/19/2022 14:44	WG1850669

Wet Chemistry by Method 353.2

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	0.423		0.0500	0.100	1	04/20/2022 18:57	WG1851025

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	275		3.79	10.0	10	04/16/2022 08:38	WG1849430
Fluoride	1.19	J	0.640	1.50	10	04/16/2022 08:38	WG1849430
Sulfate	2410		59.4	500	100	04/16/2022 08:54	WG1849430

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00399		0.000180	0.00200	1	04/21/2022 14:48	WG1850315
Arsenic,Dissolved	0.00382		0.000180	0.00200	1	04/21/2022 00:48	WG1850289
Barium	0.0108		0.000381	0.00200	1	04/21/2022 14:48	WG1850315
Barium,Dissolved	0.0107		0.000381	0.00200	1	04/21/2022 00:48	WG1850289
Calcium	516		0.0936	1.00	1	04/21/2022 14:48	WG1850315
Chromium	U		0.00124	0.00200	1	04/21/2022 14:48	WG1850315
Chromium,Dissolved	U		0.00124	0.00200	1	04/21/2022 00:48	WG1850289
Iron	0.135		0.0281	0.100	1	04/21/2022 14:48	WG1850315
Iron,Dissolved	0.119		0.0281	0.100	1	04/21/2022 00:48	WG1850289
Lead	U		0.000849	0.00200	1	04/21/2022 14:48	WG1850315
Lead,Dissolved	U		0.000849	0.00200	1	04/21/2022 00:48	WG1850289
Manganese	0.0613		0.000704	0.00500	1	04/21/2022 14:48	WG1850315
Manganese,Dissolved	0.0590		0.000704	0.00500	1	04/21/2022 00:48	WG1850289
Potassium	2.25		0.108	2.00	1	04/21/2022 14:48	WG1850315
Selenium	0.00271		0.000300	0.00200	1	04/21/2022 14:48	WG1850315
Selenium,Dissolved	0.00291		0.000300	0.00200	1	04/21/2022 00:48	WG1850289
Sodium	201		0.376	2.00	1	04/21/2022 14:48	WG1850315

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	U		0.0314	0.100	1	04/18/2022 14:52	WG1849976
(S) a,a,a-Trifluorotoluene(FID)	*108*			*78.0-120*		*04/18/2022 14:52*	WG1849976

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/16/2022 06:09	WG1849446
Benzene	U		0.0000941	0.00100	1	04/16/2022 06:09	WG1849446
Bromodichloromethane	U		0.000136	0.00100	1	04/16/2022 06:09	WG1849446
Bromoform	U		0.000129	0.00100	1	04/16/2022 06:09	WG1849446
Bromomethane	U		0.000605	0.00500	1	04/16/2022 06:09	WG1849446
n-Butylbenzene	U		0.000157	0.00100	1	04/16/2022 06:09	WG1849446
sec-Butylbenzene	U		0.000125	0.00100	1	04/16/2022 06:09	WG1849446
Carbon disulfide	U		0.0000962	0.00100	1	04/16/2022 06:09	WG1849446
Carbon tetrachloride	U		0.000128	0.00100	1	04/16/2022 06:09	WG1849446

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chlorobenzene	U		0.000116	0.00100	1	04/16/2022 06:09	WG1849446
Chlorodibromomethane	U		0.000140	0.00100	1	04/16/2022 06:09	WG1849446
Chloroethane	U		0.000192	0.00500	1	04/16/2022 06:09	WG1849446
Chloroform	U		0.000111	0.00500	1	04/16/2022 06:09	WG1849446
Chloromethane	U		0.000960	0.00250	1	04/16/2022 06:09	WG1849446
1,2-Dibromoethane	U		0.000126	0.00100	1	04/16/2022 06:09	WG1849446
1,1-Dichloroethane	U		0.000100	0.00100	1	04/16/2022 06:09	WG1849446
1,2-Dichloroethane	0.0000820	J	0.0000819	0.00100	1	04/16/2022 06:09	WG1849446
1,1-Dichloroethene	U		0.000188	0.00100	1	04/16/2022 06:09	WG1849446
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/16/2022 06:09	WG1849446
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/16/2022 06:09	WG1849446
1,2-Dichloropropane	U		0.000149	0.00100	1	04/16/2022 06:09	WG1849446
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/16/2022 06:09	WG1849446
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/16/2022 06:09	WG1849446
Ethylbenzene	U		0.000137	0.00100	1	04/16/2022 06:09	WG1849446
Isopropylbenzene	U		0.000105	0.00100	1	04/16/2022 06:09	WG1849446
p-Isopropyltoluene	U		0.000120	0.00100	1	04/16/2022 06:09	WG1849446
2-Butanone (MEK)	U		0.00119	0.0100	1	04/16/2022 06:09	WG1849446
2-Hexanone	U		0.000787	0.0100	1	04/16/2022 06:09	WG1849446
Methylene Chloride	U		0.000430	0.00500	1	04/16/2022 06:09	WG1849446
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/16/2022 06:09	WG1849446
Methyl tert-butyl ether	0.000155	J	0.000101	0.00100	1	04/16/2022 06:09	WG1849446
Naphthalene	U		0.00100	0.00500	1	04/16/2022 06:09	WG1849446
n-Propylbenzene	U		0.0000993	0.00100	1	04/16/2022 06:09	WG1849446
Styrene	U		0.000118	0.00100	1	04/16/2022 06:09	WG1849446
tert-Butyl alcohol	U		0.00406	0.00500	1	04/16/2022 06:09	WG1849446
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/16/2022 06:09	WG1849446
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/16/2022 06:09	WG1849446
Tetrachloroethene	U		0.000300	0.00100	1	04/16/2022 06:09	WG1849446
Toluene	U		0.000278	0.00100	1	04/16/2022 06:09	WG1849446
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/16/2022 06:09	WG1849446
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/16/2022 06:09	WG1849446
Trichloroethene	U		0.000190	0.00100	1	04/16/2022 06:09	WG1849446
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/16/2022 06:09	WG1849446
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/16/2022 06:09	WG1849446
Vinyl chloride	U		0.000234	0.00100	1	04/16/2022 06:09	WG1849446
o-Xylene	U		0.000174	0.00100	1	04/16/2022 06:09	WG1849446
m&p-Xylene	U		0.000430	0.00200	1	04/16/2022 06:09	WG1849446
Xylenes, Total	U		0.000174	0.00300	1	04/16/2022 06:09	WG1849446
(S) Toluene-d8	*103*			*80.0-120*		*04/16/2022 06:09*	WG1849446
(S) 4-Bromofluorobenzene	*101*			*77.0-126*		*04/16/2022 06:09*	WG1849446
(S) 1,2-Dichloroethane-d4	*111*			*70.0-130*		*04/16/2022 06:09*	WG1849446

EDB / DBCP by Method 8011

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Ethylene Dibromide	U		0.00000541	0.0000202	1.01	04/19/2022 00:33	WG1850030

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.214		0.0247	0.100	1	04/27/2022 10:57	WG1854506
(S) o-Terphenyl	*65.8*			*31.0-160*		*04/27/2022 10:57*	WG1854506

MW-126B
Collected date/time: 04/12/22 11:10
L1482377

Semi Volatile Organic Compounds (GC/MS) by Method 8270 C-mod

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
1,4-Dioxane	0.000113	J	0.0000447	0.000400	1	04/17/2022 16:08	WG1849044
(S) Nitrobenzene-d5	*53.7*			*10.0-120*		*04/17/2022 16:08*	WG1849044

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	3950		50.0	1	04/19/2022 14:44	WG1850669

Wet Chemistry by Method 353.2

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	3.10		0.0500	0.100	1	04/20/2022 19:01	WG1851025

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	321		3.79	10.0	10	04/16/2022 09:11	WG1849430
Fluoride	2.80		0.640	1.50	10	04/16/2022 09:11	WG1849430
Sulfate	2270		59.4	500	100	04/16/2022 09:27	WG1849430

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00825		0.000180	0.00200	1	04/21/2022 15:11	WG1850315
Arsenic,Dissolved	0.00602		0.000180	0.00200	1	04/21/2022 00:51	WG1850289
Barium	0.0460		0.000381	0.00200	1	04/21/2022 15:11	WG1850315
Barium,Dissolved	0.0148		0.000381	0.00200	1	04/21/2022 00:51	WG1850289
Calcium	436		0.0936	1.00	1	04/21/2022 15:11	WG1850315
Chromium	0.00354		0.00124	0.00200	1	04/21/2022 15:11	WG1850315
Chromium,Dissolved	U		0.00124	0.00200	1	04/21/2022 00:51	WG1850289
Iron	1.80		0.0281	0.100	1	04/21/2022 15:11	WG1850315
Iron,Dissolved	0.0715	J	0.0281	0.100	1	04/21/2022 00:51	WG1850289
Lead	0.00776		0.000849	0.00200	1	04/21/2022 15:11	WG1850315
Lead,Dissolved	U		0.000849	0.00200	1	04/21/2022 00:51	WG1850289
Manganese	0.527		0.000704	0.00500	1	04/21/2022 15:11	WG1850315
Manganese,Dissolved	0.500		0.000704	0.00500	1	04/21/2022 00:51	WG1850289
Potassium	2.13		0.108	2.00	1	04/21/2022 15:11	WG1850315
Selenium	0.0104		0.000300	0.00200	1	04/21/2022 15:11	WG1850315
Selenium,Dissolved	0.00952		0.000300	0.00200	1	04/21/2022 00:51	WG1850289
Sodium	319		0.376	2.00	1	04/21/2022 15:11	WG1850315

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	U		0.0314	0.100	1	04/18/2022 15:41	WG1849976
(S) a,a,a-Trifluorotoluene(FID)	*108*			*78.0-120*		*04/18/2022 15:41*	WG1849976

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/16/2022 06:28	WG1849446
Benzene	0.000183	J	0.0000941	0.00100	1	04/16/2022 06:28	WG1849446
Bromodichloromethane	U		0.000136	0.00100	1	04/16/2022 06:28	WG1849446
Bromoform	U		0.000129	0.00100	1	04/16/2022 06:28	WG1849446
Bromomethane	U		0.000605	0.00500	1	04/16/2022 06:28	WG1849446
n-Butylbenzene	U		0.000157	0.00100	1	04/16/2022 06:28	WG1849446
sec-Butylbenzene	U		0.000125	0.00100	1	04/16/2022 06:28	WG1849446
Carbon disulfide	U		0.0000962	0.00100	1	04/16/2022 06:28	WG1849446
Carbon tetrachloride	U		0.000128	0.00100	1	04/16/2022 06:28	WG1849446

MW-37
Collected date/time: 04/12/22 11:35
L1482377

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chlorobenzene	U		0.000116	0.00100	1	04/16/2022 06:28	WG1849446
Chlorodibromomethane	U		0.000140	0.00100	1	04/16/2022 06:28	WG1849446
Chloroethane	U		0.000192	0.00500	1	04/16/2022 06:28	WG1849446
Chloroform	U		0.000111	0.00500	1	04/16/2022 06:28	WG1849446
Chloromethane	U		0.000960	0.00250	1	04/16/2022 06:28	WG1849446
1,2-Dibromoethane	U		0.000126	0.00100	1	04/16/2022 06:28	WG1849446
1,1-Dichloroethane	U		0.000100	0.00100	1	04/16/2022 06:28	WG1849446
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/16/2022 06:28	WG1849446
1,1-Dichloroethene	U		0.000188	0.00100	1	04/16/2022 06:28	WG1849446
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/16/2022 06:28	WG1849446
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/16/2022 06:28	WG1849446
1,2-Dichloropropane	U		0.000149	0.00100	1	04/16/2022 06:28	WG1849446
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/16/2022 06:28	WG1849446
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/16/2022 06:28	WG1849446
Ethylbenzene	0.000221	J	0.000137	0.00100	1	04/16/2022 06:28	WG1849446
Isopropylbenzene	U		0.000105	0.00100	1	04/16/2022 06:28	WG1849446
p-Isopropyltoluene	U		0.000120	0.00100	1	04/16/2022 06:28	WG1849446
2-Butanone (MEK)	U		0.00119	0.0100	1	04/16/2022 06:28	WG1849446
2-Hexanone	U		0.000787	0.0100	1	04/16/2022 06:28	WG1849446
Methylene Chloride	U		0.000430	0.00500	1	04/16/2022 06:28	WG1849446
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/16/2022 06:28	WG1849446
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/16/2022 06:28	WG1849446
Naphthalene	U		0.00100	0.00500	1	04/16/2022 06:28	WG1849446
n-Propylbenzene	U		0.0000993	0.00100	1	04/16/2022 06:28	WG1849446
Styrene	U		0.000118	0.00100	1	04/16/2022 06:28	WG1849446
tert-Butyl alcohol	U		0.00406	0.00500	1	04/16/2022 06:28	WG1849446
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/16/2022 06:28	WG1849446
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/16/2022 06:28	WG1849446
Tetrachloroethene	U		0.000300	0.00100	1	04/16/2022 06:28	WG1849446
Toluene	U		0.000278	0.00100	1	04/16/2022 06:28	WG1849446
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/16/2022 06:28	WG1849446
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/16/2022 06:28	WG1849446
Trichloroethene	U		0.000190	0.00100	1	04/16/2022 06:28	WG1849446
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/16/2022 06:28	WG1849446
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/16/2022 06:28	WG1849446
Vinyl chloride	U		0.000234	0.00100	1	04/16/2022 06:28	WG1849446
o-Xylene	U		0.000174	0.00100	1	04/16/2022 06:28	WG1849446
m&p-Xylene	U		0.000430	0.00200	1	04/16/2022 06:28	WG1849446
Xylenes, Total	U		0.000174	0.00300	1	04/16/2022 06:28	WG1849446
(S) Toluene-d8	*104*			*80.0-120*		*04/16/2022 06:28*	WG1849446
(S) 4-Bromofluorobenzene	*102*			*77.0-126*		*04/16/2022 06:28*	WG1849446
(S) 1,2-Dichloroethane-d4	*112*			*70.0-130*		*04/16/2022 06:28*	WG1849446

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.0636	J	0.0247	0.100	1	04/27/2022 11:18	WG1854506
(S) o-Terphenyl	*54.7*			*31.0-160*		*04/27/2022 11:18*	WG1854506

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Dissolved Solids	3890		50.0	1	04/19/2022 14:44	WG1850669

Wet Chemistry by Method 353.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Nitrate-Nitrite	6.75		0.250	0.500	5	04/20/2022 19:02	WG1851025

Wet Chemistry by Method 4500CN E-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Cyanide	U		0.00180	0.00500	1	04/19/2022 17:22	WG1849788

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Chloride	132		3.79	10.0	10	04/16/2022 09:44	WG1849430
Fluoride	0.825	J	0.640	1.50	10	04/16/2022 09:44	WG1849430
Sulfate	2700		59.4	500	100	04/16/2022 10:00	WG1849430

Mercury by Method 7470A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Mercury	U		0.000100	0.000200	1	04/27/2022 11:07	WG1848992
Mercury,Dissolved	U		0.000100	0.000200	1	04/27/2022 09:42	WG1848996

Metals (ICP) by Method 6010B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Boron	0.625		0.0200	0.200	1	04/22/2022 18:58	WG1850365
Boron,Dissolved	0.640		0.0200	0.200	1	04/22/2022 16:34	WG1850351

Metals (ICPMS) by Method 6020

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Arsenic	0.00176	J	0.000180	0.00200	1	04/21/2022 15:14	WG1850315
Arsenic,Dissolved	0.00166	J	0.000180	0.00200	1	04/20/2022 23:11	WG1850291
Barium	0.00962		0.000381	0.00200	1	04/21/2022 15:14	WG1850315
Barium,Dissolved	0.00886		0.000381	0.00200	1	04/20/2022 23:11	WG1850291
Cadmium	U		0.000150	0.00100	1	04/21/2022 15:14	WG1850315
Cadmium,Dissolved	U		0.000150	0.00100	1	04/20/2022 23:11	WG1850291
Calcium	550		0.0936	1.00	1	04/21/2022 15:14	WG1850315
Chromium	U		0.00124	0.00200	1	04/21/2022 15:14	WG1850315
Chromium,Dissolved	0.00183	B J	0.00124	0.00200	1	04/20/2022 23:11	WG1850291
Cobalt	U		0.0000596	0.00200	1	04/21/2022 15:14	WG1850315
Cobalt,Dissolved	0.000112	J	0.0000596	0.00200	1	04/20/2022 23:11	WG1850291
Iron	U		0.0281	0.100	1	04/21/2022 15:14	WG1850315
Iron,Dissolved	U		0.0281	0.100	1	04/20/2022 23:11	WG1850291
Lead	U		0.000849	0.00200	1	04/21/2022 15:14	WG1850315
Lead,Dissolved	U		0.000849	0.00200	1	04/20/2022 23:11	WG1850291
Manganese	U		0.000704	0.00500	1	04/21/2022 15:14	WG1850315
Manganese,Dissolved	U		0.000704	0.00500	1	04/20/2022 23:11	WG1850291
Nickel	U		0.000816	0.00200	1	04/21/2022 15:14	WG1850315
Nickel,Dissolved	0.000903	B J	0.000816	0.00200	1	04/20/2022 23:11	WG1850291

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Potassium	0.695	J	0.108	2.00	1	04/21/2022 15:14	WG1850315
Selenium	0.00203		0.000300	0.00200	1	04/21/2022 15:14	WG1850315
Selenium,Dissolved	0.00255		0.000300	0.00200	1	04/20/2022 23:11	WG1850291
Sodium	143		0.376	2.00	1	04/21/2022 15:14	WG1850315
Uranium	0.0304		0.0000789	0.00100	1	04/21/2022 15:14	WG1850315
Uranium,Dissolved	0.0263		0.0000789	0.00100	1	04/20/2022 23:11	WG1850291
Vanadium	0.0132		0.000664	0.00500	1	04/21/2022 15:14	WG1850315
Vanadium,Dissolved	0.0130		0.000664	0.00500	1	04/20/2022 23:11	WG1850291

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	U		0.0314	0.100	1	04/18/2022 16:03	WG1849976
(S) a,a,a-Trifluorotoluene(FID)	*108*			*78.0-120*		*04/18/2022 16:03*	WG1849976

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/16/2022 06:48	WG1849446
Benzene	U		0.0000941	0.00100	1	04/16/2022 06:48	WG1849446
Bromodichloromethane	U		0.000136	0.00100	1	04/16/2022 06:48	WG1849446
Bromoform	U		0.000129	0.00100	1	04/16/2022 06:48	WG1849446
Bromomethane	U		0.000605	0.00500	1	04/16/2022 06:48	WG1849446
n-Butylbenzene	U		0.000157	0.00100	1	04/16/2022 06:48	WG1849446
sec-Butylbenzene	U		0.000125	0.00100	1	04/16/2022 06:48	WG1849446
Carbon disulfide	U		0.0000962	0.00100	1	04/16/2022 06:48	WG1849446
Carbon tetrachloride	U		0.000128	0.00100	1	04/16/2022 06:48	WG1849446
Chlorobenzene	U		0.000116	0.00100	1	04/16/2022 06:48	WG1849446
Chlorodibromomethane	U		0.000140	0.00100	1	04/16/2022 06:48	WG1849446
Chloroethane	U		0.000192	0.00500	1	04/16/2022 06:48	WG1849446
Chloroform	U		0.000111	0.00500	1	04/16/2022 06:48	WG1849446
Chloromethane	U		0.000960	0.00250	1	04/16/2022 06:48	WG1849446
1,2-Dibromoethane	U		0.000126	0.00100	1	04/16/2022 06:48	WG1849446
1,1-Dichloroethane	U		0.000100	0.00100	1	04/16/2022 06:48	WG1849446
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/16/2022 06:48	WG1849446
1,1-Dichloroethene	U		0.000188	0.00100	1	04/16/2022 06:48	WG1849446
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/16/2022 06:48	WG1849446
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/16/2022 06:48	WG1849446
1,2-Dichloropropane	U		0.000149	0.00100	1	04/16/2022 06:48	WG1849446
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/16/2022 06:48	WG1849446
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/16/2022 06:48	WG1849446
Ethylbenzene	U		0.000137	0.00100	1	04/16/2022 06:48	WG1849446
Isopropylbenzene	U		0.000105	0.00100	1	04/16/2022 06:48	WG1849446
p-Isopropyltoluene	U		0.000120	0.00100	1	04/16/2022 06:48	WG1849446
2-Butanone (MEK)	U		0.00119	0.0100	1	04/16/2022 06:48	WG1849446
2-Hexanone	U		0.000787	0.0100	1	04/16/2022 06:48	WG1849446
Methylene Chloride	U		0.000430	0.00500	1	04/16/2022 06:48	WG1849446
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/16/2022 06:48	WG1849446
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/16/2022 06:48	WG1849446
Naphthalene	U		0.00100	0.00500	1	04/16/2022 06:48	WG1849446
n-Propylbenzene	U		0.0000993	0.00100	1	04/16/2022 06:48	WG1849446
Styrene	U		0.000118	0.00100	1	04/16/2022 06:48	WG1849446
tert-Butyl alcohol	U		0.00406	0.00500	1	04/16/2022 06:48	WG1849446
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/16/2022 06:48	WG1849446
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/16/2022 06:48	WG1849446

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Tetrachloroethene	U		0.000300	0.00100	1	04/16/2022 06:48	WG1849446
Toluene	U		0.000278	0.00100	1	04/16/2022 06:48	WG1849446
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/16/2022 06:48	WG1849446
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/16/2022 06:48	WG1849446
Trichloroethene	U		0.000190	0.00100	1	04/16/2022 06:48	WG1849446
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/16/2022 06:48	WG1849446
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/16/2022 06:48	WG1849446
Vinyl chloride	U		0.000234	0.00100	1	04/16/2022 06:48	WG1849446
o-Xylene	U		0.000174	0.00100	1	04/16/2022 06:48	WG1849446
m&p-Xylene	U		0.000430	0.00200	1	04/16/2022 06:48	WG1849446
Xylenes, Total	U		0.000174	0.00300	1	04/16/2022 06:48	WG1849446
(S) Toluene-d8	*104*			*80.0-120*		*04/16/2022 06:48*	WG1849446
(S) 4-Bromofluorobenzene	*102*			*77.0-126*		*04/16/2022 06:48*	WG1849446
(S) 1,2-Dichloroethane-d4	*115*			*70.0-130*		*04/16/2022 06:48*	WG1849446

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	U		0.0247	0.100	1	04/27/2022 11:38	WG1854506
(S) o-Terphenyl	*57.9*			*31.0-160*		*04/27/2022 11:38*	WG1854506

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Dissolved Solids	3540		50.0	1	04/19/2022 14:44	WG1850669

Wet Chemistry by Method 353.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Nitrate-Nitrite	15.7		0.500	1.00	10	04/20/2022 19:04	WG1851025

Wet Chemistry by Method 4500CN E-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Cyanide	U		0.00180	0.00500	1	04/19/2022 17:25	WG1849788

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Chloride	133		3.79	10.0	10	04/16/2022 10:16	WG1849430
Fluoride	1.15	J	0.640	1.50	10	04/16/2022 10:16	WG1849430
Sulfate	2350		59.4	500	100	04/16/2022 10:33	WG1849430

Mercury by Method 7470A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Mercury	U		0.000100	0.000200	1	04/27/2022 11:09	WG1848992
Mercury,Dissolved	U		0.000100	0.000200	1	04/27/2022 09:44	WG1848996

Metals (ICP) by Method 6010B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Boron	0.308		0.0200	0.200	1	04/22/2022 19:01	WG1850365
Boron,Dissolved	0.311		0.0200	0.200	1	04/22/2022 16:38	WG1850351

Metals (ICPMS) by Method 6020

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Arsenic	0.00263		0.000180	0.00200	1	04/21/2022 15:18	WG1850315
Arsenic,Dissolved	0.00251		0.000180	0.00200	1	04/20/2022 23:24	WG1850291
Barium	0.0198		0.000381	0.00200	1	04/21/2022 15:18	WG1850315
Barium,Dissolved	0.0137		0.000381	0.00200	1	04/20/2022 23:24	WG1850291
Cadmium	U		0.000150	0.00100	1	04/21/2022 15:18	WG1850315
Cadmium,Dissolved	U		0.000150	0.00100	1	04/20/2022 23:24	WG1850291
Calcium	493		0.0936	1.00	1	04/21/2022 15:18	WG1850315
Chromium	0.00217		0.00124	0.00200	1	04/21/2022 15:18	WG1850315
Chromium,Dissolved	0.00135	J	0.00124	0.00200	1	04/22/2022 17:57	WG1852739
Cobalt	0.000227	J	0.0000596	0.00200	1	04/21/2022 15:18	WG1850315
Cobalt,Dissolved	0.000143	J	0.0000596	0.00200	1	04/20/2022 23:24	WG1850291
Iron	0.933		0.0281	0.100	1	04/21/2022 15:18	WG1850315
Iron,Dissolved	U		0.0281	0.100	1	04/20/2022 23:24	WG1850291
Lead	0.000921	J	0.000849	0.00200	1	04/21/2022 15:18	WG1850315
Lead,Dissolved	U		0.000849	0.00200	1	04/20/2022 23:24	WG1850291
Manganese	0.0195		0.000704	0.00500	1	04/21/2022 15:18	WG1850315
Manganese,Dissolved	U		0.000704	0.00500	1	04/20/2022 23:24	WG1850291
Nickel	U		0.000816	0.00200	1	04/21/2022 15:18	WG1850315
Nickel,Dissolved	0.000948	B J	0.000816	0.00200	1	04/20/2022 23:24	WG1850291

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Potassium	1.06	J	0.108	2.00	1	04/21/2022 15:18	WG1850315
Selenium	0.0109		0.000300	0.00200	1	04/21/2022 15:18	WG1850315
Selenium,Dissolved	0.0116		0.000300	0.00200	1	04/20/2022 23:24	WG1850291
Sodium	179		0.376	2.00	1	04/21/2022 15:18	WG1850315
Uranium	0.0223		0.0000789	0.00100	1	04/21/2022 15:18	WG1850315
Uranium,Dissolved	0.0199		0.0000789	0.00100	1	04/20/2022 23:24	WG1850291
Vanadium	0.0210		0.000664	0.00500	1	04/21/2022 15:18	WG1850315
Vanadium,Dissolved	0.0193		0.000664	0.00500	1	04/20/2022 23:24	WG1850291

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/16/2022 07:07	WG1849446
Benzene	U		0.0000941	0.00100	1	04/16/2022 07:07	WG1849446
Bromodichloromethane	U		0.000136	0.00100	1	04/16/2022 07:07	WG1849446
Bromoform	U		0.000129	0.00100	1	04/16/2022 07:07	WG1849446
Bromomethane	U		0.000605	0.00500	1	04/16/2022 07:07	WG1849446
n-Butylbenzene	U		0.000157	0.00100	1	04/16/2022 07:07	WG1849446
sec-Butylbenzene	U		0.000125	0.00100	1	04/16/2022 07:07	WG1849446
Carbon disulfide	U		0.0000962	0.00100	1	04/16/2022 07:07	WG1849446
Carbon tetrachloride	U		0.000128	0.00100	1	04/16/2022 07:07	WG1849446
Chlorobenzene	U		0.000116	0.00100	1	04/16/2022 07:07	WG1849446
Chlorodibromomethane	U		0.000140	0.00100	1	04/16/2022 07:07	WG1849446
Chloroethane	U		0.000192	0.00500	1	04/16/2022 07:07	WG1849446
Chloroform	U		0.000111	0.00500	1	04/16/2022 07:07	WG1849446
Chloromethane	U		0.000960	0.00250	1	04/16/2022 07:07	WG1849446
1,2-Dibromoethane	U		0.000126	0.00100	1	04/16/2022 07:07	WG1849446
1,1-Dichloroethane	U		0.000100	0.00100	1	04/16/2022 07:07	WG1849446
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/16/2022 07:07	WG1849446
1,1-Dichloroethene	U		0.000188	0.00100	1	04/16/2022 07:07	WG1849446
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/16/2022 07:07	WG1849446
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/16/2022 07:07	WG1849446
1,2-Dichloropropane	U		0.000149	0.00100	1	04/16/2022 07:07	WG1849446
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/16/2022 07:07	WG1849446
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/16/2022 07:07	WG1849446
Ethylbenzene	U		0.000137	0.00100	1	04/16/2022 07:07	WG1849446
Isopropylbenzene	U		0.000105	0.00100	1	04/16/2022 07:07	WG1849446
p-Isopropyltoluene	U		0.000120	0.00100	1	04/16/2022 07:07	WG1849446
2-Butanone (MEK)	U		0.00119	0.0100	1	04/16/2022 07:07	WG1849446
2-Hexanone	U		0.000787	0.0100	1	04/16/2022 07:07	WG1849446
Methylene Chloride	U		0.000430	0.00500	1	04/16/2022 07:07	WG1849446
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/16/2022 07:07	WG1849446
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/16/2022 07:07	WG1849446
Naphthalene	U		0.00100	0.00500	1	04/16/2022 07:07	WG1849446
n-Propylbenzene	U		0.0000993	0.00100	1	04/16/2022 07:07	WG1849446
Styrene	U		0.000118	0.00100	1	04/16/2022 07:07	WG1849446
tert-Butyl alcohol	U		0.00406	0.00500	1	04/16/2022 07:07	WG1849446
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/16/2022 07:07	WG1849446
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/16/2022 07:07	WG1849446
Tetrachloroethene	U		0.000300	0.00100	1	04/16/2022 07:07	WG1849446
Toluene	U		0.000278	0.00100	1	04/16/2022 07:07	WG1849446
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/16/2022 07:07	WG1849446
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/16/2022 07:07	WG1849446
Trichloroethene	U		0.000190	0.00100	1	04/16/2022 07:07	WG1849446
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/16/2022 07:07	WG1849446
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/16/2022 07:07	WG1849446

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Vinyl chloride	U		0.000234	0.00100	1	04/16/2022 07:07	WG1849446
o-Xylene	U		0.000174	0.00100	1	04/16/2022 07:07	WG1849446
m&p-Xylene	U		0.000430	0.00200	1	04/16/2022 07:07	WG1849446
Xylenes, Total	U		0.000174	0.00300	1	04/16/2022 07:07	WG1849446
(S) Toluene-d8	*105*			*80.0-120*		*04/16/2022 07:07*	WG1849446
(S) 4-Bromofluorobenzene	*104*			*77.0-126*		*04/16/2022 07:07*	WG1849446
(S) 1,2-Dichloroethane-d4	*116*			*70.0-130*		*04/16/2022 07:07*	WG1849446

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	U		0.0247	0.100	1	04/27/2022 11:58	WG1854506
(S) o-Terphenyl	*58.4*			*31.0-160*		*04/27/2022 11:58*	WG1854506

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	3930		50.0	1	04/19/2022 14:44	WG1850669

Wet Chemistry by Method 353.2

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	6.65		0.250	0.500	5	04/20/2022 19:05	WG1851025

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	133		3.79	10.0	10	04/16/2022 11:22	WG1849430
Fluoride	0.892	J	0.640	1.50	10	04/16/2022 11:22	WG1849430
Sulfate	2660		59.4	500	100	04/16/2022 11:38	WG1849430

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00175	J	0.000180	0.00200	1	04/21/2022 15:21	WG1850315
Arsenic,Dissolved	0.00169	J	0.000180	0.00200	1	04/20/2022 23:27	WG1850291
Barium	0.00978		0.000381	0.00200	1	04/21/2022 15:21	WG1850315
Barium,Dissolved	0.00935		0.000381	0.00200	1	04/20/2022 23:27	WG1850291
Calcium	540		0.0936	1.00	1	04/21/2022 15:21	WG1850315
Chromium	U		0.00124	0.00200	1	04/21/2022 15:21	WG1850315
Chromium,Dissolved	U		0.00124	0.00200	1	04/20/2022 23:27	WG1850291
Iron	U		0.0281	0.100	1	04/21/2022 15:21	WG1850315
Iron,Dissolved	U		0.0281	0.100	1	04/20/2022 23:27	WG1850291
Lead	U		0.000849	0.00200	1	04/21/2022 15:21	WG1850315
Lead,Dissolved	U		0.000849	0.00200	1	04/20/2022 23:27	WG1850291
Manganese	U		0.000704	0.00500	1	04/21/2022 15:21	WG1850315
Manganese,Dissolved	U		0.000704	0.00500	1	04/20/2022 23:27	WG1850291
Potassium	0.643	J	0.108	2.00	1	04/21/2022 15:21	WG1850315
Selenium	0.00262		0.000300	0.00200	1	04/21/2022 15:21	WG1850315
Selenium,Dissolved	0.00248		0.000300	0.00200	1	04/20/2022 23:27	WG1850291
Sodium	137		0.376	2.00	1	04/21/2022 15:21	WG1850315

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	U		0.0314	0.100	1	04/18/2022 16:24	WG1849976
(S) a,a,a-Trifluorotoluene(FID)	*109*			*78.0-120*		*04/18/2022 16:24*	WG1849976

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/16/2022 07:26	WG1849446
Benzene	U		0.0000941	0.00100	1	04/16/2022 07:26	WG1849446
Bromodichloromethane	U		0.000136	0.00100	1	04/16/2022 07:26	WG1849446
Bromoform	U		0.000129	0.00100	1	04/16/2022 07:26	WG1849446
Bromomethane	U		0.000605	0.00500	1	04/16/2022 07:26	WG1849446
n-Butylbenzene	U		0.000157	0.00100	1	04/16/2022 07:26	WG1849446
sec-Butylbenzene	U		0.000125	0.00100	1	04/16/2022 07:26	WG1849446
Carbon disulfide	U		0.0000962	0.00100	1	04/16/2022 07:26	WG1849446
Carbon tetrachloride	U		0.000128	0.00100	1	04/16/2022 07:26	WG1849446

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chlorobenzene	U		0.000116	0.00100	1	04/16/2022 07:26	WG1849446
Chlorodibromomethane	U		0.000140	0.00100	1	04/16/2022 07:26	WG1849446
Chloroethane	U		0.000192	0.00500	1	04/16/2022 07:26	WG1849446
Chloroform	U		0.000111	0.00500	1	04/16/2022 07:26	WG1849446
Chloromethane	U		0.000960	0.00250	1	04/16/2022 07:26	WG1849446
1,2-Dibromoethane	U		0.000126	0.00100	1	04/16/2022 07:26	WG1849446
1,1-Dichloroethane	U		0.000100	0.00100	1	04/16/2022 07:26	WG1849446
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/16/2022 07:26	WG1849446
1,1-Dichloroethene	U		0.000188	0.00100	1	04/16/2022 07:26	WG1849446
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/16/2022 07:26	WG1849446
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/16/2022 07:26	WG1849446
1,2-Dichloropropane	U		0.000149	0.00100	1	04/16/2022 07:26	WG1849446
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/16/2022 07:26	WG1849446
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/16/2022 07:26	WG1849446
Ethylbenzene	U		0.000137	0.00100	1	04/16/2022 07:26	WG1849446
Isopropylbenzene	U		0.000105	0.00100	1	04/16/2022 07:26	WG1849446
p-Isopropyltoluene	U		0.000120	0.00100	1	04/16/2022 07:26	WG1849446
2-Butanone (MEK)	U		0.00119	0.0100	1	04/16/2022 07:26	WG1849446
2-Hexanone	U		0.000787	0.0100	1	04/16/2022 07:26	WG1849446
Methylene Chloride	U		0.000430	0.00500	1	04/16/2022 07:26	WG1849446
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/16/2022 07:26	WG1849446
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/16/2022 07:26	WG1849446
Naphthalene	U		0.00100	0.00500	1	04/16/2022 07:26	WG1849446
n-Propylbenzene	U		0.0000993	0.00100	1	04/16/2022 07:26	WG1849446
Styrene	U		0.000118	0.00100	1	04/16/2022 07:26	WG1849446
tert-Butyl alcohol	U		0.00406	0.00500	1	04/16/2022 07:26	WG1849446
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/16/2022 07:26	WG1849446
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/16/2022 07:26	WG1849446
Tetrachloroethene	U		0.000300	0.00100	1	04/16/2022 07:26	WG1849446
Toluene	U		0.000278	0.00100	1	04/16/2022 07:26	WG1849446
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/16/2022 07:26	WG1849446
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/16/2022 07:26	WG1849446
Trichloroethene	U		0.000190	0.00100	1	04/16/2022 07:26	WG1849446
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/16/2022 07:26	WG1849446
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/16/2022 07:26	WG1849446
Vinyl chloride	U		0.000234	0.00100	1	04/16/2022 07:26	WG1849446
o-Xylene	U		0.000174	0.00100	1	04/16/2022 07:26	WG1849446
m&p-Xylene	U		0.000430	0.00200	1	04/16/2022 07:26	WG1849446
Xylenes, Total	U		0.000174	0.00300	1	04/16/2022 07:26	WG1849446
(S) Toluene-d8	*104*			*80.0-120*		*04/16/2022 07:26*	WG1849446
(S) 4-Bromofluorobenzene	*101*			*77.0-126*		*04/16/2022 07:26*	WG1849446
(S) 1,2-Dichloroethane-d4	*114*			*70.0-130*		*04/16/2022 07:26*	WG1849446

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	U		0.0247	0.100	1	04/27/2022 12:18	WG1854506
(S) o-Terphenyl	*59.5*			*31.0-160*		*04/27/2022 12:18*	WG1854506

Received by OCD: 6/14/2023 2:07:46 PM

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	ND		10.0	1	04/15/2022 18:51	WG1849369

Wet Chemistry by Method 353.2

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	0.0530	J	0.0500	0.100	1	04/20/2022 19:06	WG1851025

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	U	P1	0.379	1.00	1	04/16/2022 16:20	WG1849614
Fluoride	U		0.0640	0.150	1	04/16/2022 16:20	WG1849614
Sulfate	U		0.594	5.00	1	04/16/2022 16:20	WG1849614

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	U		0.000180	0.00200	1	04/21/2022 15:24	WG1850315
Arsenic,Dissolved	U		0.000180	0.00200	1	04/20/2022 23:31	WG1850291
Barium	0.00247		0.000381	0.00200	1	04/21/2022 15:24	WG1850315
Barium,Dissolved	U		0.000381	0.00200	1	04/20/2022 23:31	WG1850291
Calcium	0.291	J	0.0936	1.00	1	04/21/2022 15:24	WG1850315
Chromium	U		0.00124	0.00200	1	04/21/2022 15:24	WG1850315
Chromium,Dissolved	U		0.00124	0.00200	1	04/20/2022 23:31	WG1850291
Iron	0.158		0.0281	0.100	1	04/21/2022 15:24	WG1850315
Iron,Dissolved	U		0.0281	0.100	1	04/20/2022 23:31	WG1850291
Lead	U		0.000849	0.00200	1	04/21/2022 15:24	WG1850315
Lead,Dissolved	U		0.000849	0.00200	1	04/20/2022 23:31	WG1850291
Manganese	0.00200	J	0.000704	0.00500	1	04/21/2022 15:24	WG1850315
Manganese,Dissolved	U		0.000704	0.00500	1	04/20/2022 23:31	WG1850291
Potassium	U		0.108	2.00	1	04/21/2022 15:24	WG1850315
Selenium	U		0.000300	0.00200	1	04/21/2022 15:24	WG1850315
Selenium,Dissolved	U		0.000300	0.00200	1	04/20/2022 23:31	WG1850291
Sodium	U		0.376	2.00	1	04/21/2022 15:24	WG1850315

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	U		0.0314	0.100	1	04/18/2022 10:33	WG1849976
(S) a,a,a-Trifluorotoluene(FID)	*110*			*78.0-120*		*04/18/2022 10:33*	WG1849976

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/16/2022 03:38	WG1849446
Benzene	U		0.0000941	0.00100	1	04/16/2022 03:38	WG1849446
Bromodichloromethane	U		0.000136	0.00100	1	04/16/2022 03:38	WG1849446
Bromoform	U		0.000129	0.00100	1	04/16/2022 03:38	WG1849446
Bromomethane	U		0.000605	0.00500	1	04/16/2022 03:38	WG1849446
n-Butylbenzene	U		0.000157	0.00100	1	04/16/2022 03:38	WG1849446
sec-Butylbenzene	U		0.000125	0.00100	1	04/16/2022 03:38	WG1849446
Carbon disulfide	U		0.0000962	0.00100	1	04/16/2022 03:38	WG1849446
Carbon tetrachloride	U		0.000128	0.00100	1	04/16/2022 03:38	WG1849446

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chlorobenzene	U		0.000116	0.00100	1	04/16/2022 03:38	WG1849446
Chlorodibromomethane	U		0.000140	0.00100	1	04/16/2022 03:38	WG1849446
Chloroethane	U		0.000192	0.00500	1	04/16/2022 03:38	WG1849446
Chloroform	U		0.000111	0.00500	1	04/16/2022 03:38	WG1849446
Chloromethane	U		0.000960	0.00250	1	04/16/2022 03:38	WG1849446
1,2-Dibromoethane	U		0.000126	0.00100	1	04/16/2022 03:38	WG1849446
1,1-Dichloroethane	U		0.000100	0.00100	1	04/16/2022 03:38	WG1849446
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/16/2022 03:38	WG1849446
1,1-Dichloroethene	U		0.000188	0.00100	1	04/16/2022 03:38	WG1849446
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/16/2022 03:38	WG1849446
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/16/2022 03:38	WG1849446
1,2-Dichloropropane	U		0.000149	0.00100	1	04/16/2022 03:38	WG1849446
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/16/2022 03:38	WG1849446
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/16/2022 03:38	WG1849446
Ethylbenzene	U		0.000137	0.00100	1	04/16/2022 03:38	WG1849446
Isopropylbenzene	U		0.000105	0.00100	1	04/16/2022 03:38	WG1849446
p-Isopropyltoluene	U		0.000120	0.00100	1	04/16/2022 03:38	WG1849446
2-Butanone (MEK)	U		0.00119	0.0100	1	04/16/2022 03:38	WG1849446
2-Hexanone	U		0.000787	0.0100	1	04/16/2022 03:38	WG1849446
Methylene Chloride	U		0.000430	0.00500	1	04/16/2022 03:38	WG1849446
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/16/2022 03:38	WG1849446
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/16/2022 03:38	WG1849446
Naphthalene	U		0.00100	0.00500	1	04/16/2022 03:38	WG1849446
n-Propylbenzene	U		0.0000993	0.00100	1	04/16/2022 03:38	WG1849446
Styrene	U		0.000118	0.00100	1	04/16/2022 03:38	WG1849446
tert-Butyl alcohol	U		0.00406	0.00500	1	04/16/2022 03:38	WG1849446
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/16/2022 03:38	WG1849446
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/16/2022 03:38	WG1849446
Tetrachloroethene	U		0.000300	0.00100	1	04/16/2022 03:38	WG1849446
Toluene	U		0.000278	0.00100	1	04/16/2022 03:38	WG1849446
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/16/2022 03:38	WG1849446
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/16/2022 03:38	WG1849446
Trichloroethene	U		0.000190	0.00100	1	04/16/2022 03:38	WG1849446
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/16/2022 03:38	WG1849446
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/16/2022 03:38	WG1849446
Vinyl chloride	U		0.000234	0.00100	1	04/16/2022 03:38	WG1849446
o-Xylene	U		0.000174	0.00100	1	04/16/2022 03:38	WG1849446
m&p-Xylene	U		0.000430	0.00200	1	04/16/2022 03:38	WG1849446
Xylenes, Total	U		0.000174	0.00300	1	04/16/2022 03:38	WG1849446
(S) Toluene-d8	*103*			*80.0-120*		*04/16/2022 03:38*	WG1849446
(S) 4-Bromofluorobenzene	*103*			*77.0-126*		*04/16/2022 03:38*	WG1849446
(S) 1,2-Dichloroethane-d4	*114*			*70.0-130*		*04/16/2022 03:38*	WG1849446

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	U		0.0247	0.100	1	04/27/2022 12:38	WG1854506
(S) o-Terphenyl	*61.6*			*31.0-160*		*04/27/2022 12:38*	WG1854506

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	4010		50.0	1	04/19/2022 14:44	WG1850669

Wet Chemistry by Method 353.2

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	0.505		0.0500	0.100	1	04/20/2022 19:07	WG1851025

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	320	B	37.9	100	100	04/16/2022 17:42	WG1849614
Fluoride	1.56		0.0640	0.150	1	04/16/2022 17:25	WG1849614
Sulfate	2300		59.4	500	100	04/16/2022 17:42	WG1849614

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00296		0.000180	0.00200	1	04/21/2022 15:28	WG1850315
Arsenic,Dissolved	0.00283		0.000180	0.00200	1	04/20/2022 23:34	WG1850291
Barium	0.00856		0.000381	0.00200	1	04/21/2022 15:28	WG1850315
Barium,Dissolved	0.00882		0.000381	0.00200	1	04/20/2022 23:34	WG1850291
Calcium	534		0.0936	1.00	1	04/21/2022 15:28	WG1850315
Chromium	U		0.00124	0.00200	1	04/21/2022 15:28	WG1850315
Chromium,Dissolved	0.00160	B J	0.00124	0.00200	1	04/20/2022 23:34	WG1850291
Iron	0.0323	J	0.0281	0.100	1	04/21/2022 15:28	WG1850315
Iron,Dissolved	U		0.0281	0.100	1	04/20/2022 23:34	WG1850291
Lead	U		0.000849	0.00200	1	04/21/2022 15:28	WG1850315
Lead,Dissolved	U		0.000849	0.00200	1	04/20/2022 23:34	WG1850291
Manganese	0.0366		0.000704	0.00500	1	04/21/2022 15:28	WG1850315
Manganese,Dissolved	0.0308		0.000704	0.00500	1	04/20/2022 23:34	WG1850291
Potassium	1.09	J	0.108	2.00	1	04/21/2022 15:28	WG1850315
Selenium	0.00656		0.000300	0.00200	1	04/21/2022 15:28	WG1850315
Selenium,Dissolved	0.00557		0.000300	0.00200	1	04/20/2022 23:34	WG1850291
Sodium	164		0.376	2.00	1	04/21/2022 15:28	WG1850315

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	U		0.0314	0.100	1	04/18/2022 16:46	WG1849976
(S) a,a,a-Trifluorotoluene(FID)	*109*			*78.0-120*		*04/18/2022 16:46*	WG1849976

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/16/2022 07:45	WG1849446
Benzene	U		0.0000941	0.00100	1	04/16/2022 07:45	WG1849446
Bromodichloromethane	U		0.000136	0.00100	1	04/16/2022 07:45	WG1849446
Bromoform	U		0.000129	0.00100	1	04/16/2022 07:45	WG1849446
Bromomethane	U		0.000605	0.00500	1	04/16/2022 07:45	WG1849446
n-Butylbenzene	U		0.000157	0.00100	1	04/16/2022 07:45	WG1849446
sec-Butylbenzene	U		0.000125	0.00100	1	04/16/2022 07:45	WG1849446
Carbon disulfide	U		0.0000962	0.00100	1	04/16/2022 07:45	WG1849446
Carbon tetrachloride	U		0.000128	0.00100	1	04/16/2022 07:45	WG1849446

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chlorobenzene	U		0.000116	0.00100	1	04/16/2022 07:45	WG1849446
Chlorodibromomethane	U		0.000140	0.00100	1	04/16/2022 07:45	WG1849446
Chloroethane	U		0.000192	0.00500	1	04/16/2022 07:45	WG1849446
Chloroform	U		0.000111	0.00500	1	04/16/2022 07:45	WG1849446
Chloromethane	U		0.000960	0.00250	1	04/16/2022 07:45	WG1849446
1,2-Dibromoethane	U		0.000126	0.00100	1	04/16/2022 07:45	WG1849446
1,1-Dichloroethane	U		0.000100	0.00100	1	04/16/2022 07:45	WG1849446
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/16/2022 07:45	WG1849446
1,1-Dichloroethene	U		0.000188	0.00100	1	04/16/2022 07:45	WG1849446
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/16/2022 07:45	WG1849446
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/16/2022 07:45	WG1849446
1,2-Dichloropropane	U		0.000149	0.00100	1	04/16/2022 07:45	WG1849446
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/16/2022 07:45	WG1849446
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/16/2022 07:45	WG1849446
Ethylbenzene	U		0.000137	0.00100	1	04/16/2022 07:45	WG1849446
Isopropylbenzene	U		0.000105	0.00100	1	04/16/2022 07:45	WG1849446
p-Isopropyltoluene	U		0.000120	0.00100	1	04/16/2022 07:45	WG1849446
2-Butanone (MEK)	U		0.00119	0.0100	1	04/16/2022 07:45	WG1849446
2-Hexanone	U		0.000787	0.0100	1	04/16/2022 07:45	WG1849446
Methylene Chloride	U		0.000430	0.00500	1	04/16/2022 07:45	WG1849446
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/16/2022 07:45	WG1849446
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/16/2022 07:45	WG1849446
Naphthalene	U		0.00100	0.00500	1	04/16/2022 07:45	WG1849446
n-Propylbenzene	U		0.0000993	0.00100	1	04/16/2022 07:45	WG1849446
Styrene	U		0.000118	0.00100	1	04/16/2022 07:45	WG1849446
tert-Butyl alcohol	U		0.00406	0.00500	1	04/16/2022 07:45	WG1849446
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/16/2022 07:45	WG1849446
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/16/2022 07:45	WG1849446
Tetrachloroethene	U		0.000300	0.00100	1	04/16/2022 07:45	WG1849446
Toluene	U		0.000278	0.00100	1	04/16/2022 07:45	WG1849446
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/16/2022 07:45	WG1849446
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/16/2022 07:45	WG1849446
Trichloroethene	U		0.000190	0.00100	1	04/16/2022 07:45	WG1849446
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/16/2022 07:45	WG1849446
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/16/2022 07:45	WG1849446
Vinyl chloride	U		0.000234	0.00100	1	04/16/2022 07:45	WG1849446
o-Xylene	U		0.000174	0.00100	1	04/16/2022 07:45	WG1849446
m&p-Xylene	U		0.000430	0.00200	1	04/16/2022 07:45	WG1849446
Xylenes, Total	U		0.000174	0.00300	1	04/16/2022 07:45	WG1849446
(S) Toluene-d8	*102*			*80.0-120*		*04/16/2022 07:45*	WG1849446
(S) 4-Bromofluorobenzene	*101*			*77.0-126*		*04/16/2022 07:45*	WG1849446
(S) 1,2-Dichloroethane-d4	*114*			*70.0-130*		*04/16/2022 07:45*	WG1849446

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.0610	J	0.0247	0.100	1	04/27/2022 12:58	WG1854506
(S) o-Terphenyl	*58.4*			*31.0-160*		*04/27/2022 12:58*	WG1854506

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	3970		50.0	1	04/19/2022 14:44	WG1850669

Wet Chemistry by Method 353.2

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	1.25		0.0500	0.100	1	04/20/2022 19:13	WG1851025

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	48.7		0.379	1.00	1	04/16/2022 18:31	WG1849614
Fluoride	1.45		0.0640	0.150	1	04/16/2022 18:31	WG1849614
Sulfate	1740		59.4	500	100	04/16/2022 18:47	WG1849614

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00256		0.000180	0.00200	1	04/20/2022 19:03	WG1850318
Arsenic,Dissolved	0.00237		0.000180	0.00200	1	04/20/2022 23:44	WG1850291
Barium	0.0109		0.000381	0.00200	1	04/20/2022 19:03	WG1850318
Barium,Dissolved	0.0109		0.000381	0.00200	1	04/20/2022 23:44	WG1850291
Calcium	372		0.0936	1.00	1	04/20/2022 19:03	WG1850318
Chromium	0.00171	J	0.00124	0.00200	1	04/20/2022 19:03	WG1850318
Chromium,Dissolved	U		0.00124	0.00200	1	04/22/2022 18:00	WG1852739
Iron	0.0768	J	0.0281	0.100	1	04/20/2022 19:03	WG1850318
Iron,Dissolved	0.116		0.0281	0.100	1	04/20/2022 23:44	WG1850291
Lead	U		0.000849	0.00200	1	04/20/2022 19:03	WG1850318
Lead,Dissolved	0.000900	J	0.000849	0.00200	1	04/20/2022 23:44	WG1850291
Manganese	0.0475		0.000704	0.00500	1	04/20/2022 19:03	WG1850318
Manganese,Dissolved	0.0453		0.000704	0.00500	1	04/20/2022 23:44	WG1850291
Potassium	0.558	J	0.108	2.00	1	04/20/2022 19:03	WG1850318
Selenium	0.0351		0.000300	0.00200	1	04/20/2022 19:03	WG1850318
Selenium,Dissolved	0.0349		0.000300	0.00200	1	04/20/2022 23:44	WG1850291
Sodium	124		0.376	2.00	1	04/20/2022 19:03	WG1850318

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/16/2022 08:03	WG1849446
Benzene	U		0.0000941	0.00100	1	04/16/2022 08:03	WG1849446
Bromodichloromethane	U		0.000136	0.00100	1	04/16/2022 08:03	WG1849446
Bromoform	U		0.000129	0.00100	1	04/16/2022 08:03	WG1849446
Bromomethane	U		0.000605	0.00500	1	04/16/2022 08:03	WG1849446
n-Butylbenzene	U		0.000157	0.00100	1	04/16/2022 08:03	WG1849446
sec-Butylbenzene	U		0.000125	0.00100	1	04/16/2022 08:03	WG1849446
Carbon disulfide	U		0.0000962	0.00100	1	04/16/2022 08:03	WG1849446
Carbon tetrachloride	U		0.000128	0.00100	1	04/16/2022 08:03	WG1849446
Chlorobenzene	U		0.000116	0.00100	1	04/16/2022 08:03	WG1849446
Chlorodibromomethane	U		0.000140	0.00100	1	04/16/2022 08:03	WG1849446
Chloroethane	U		0.000192	0.00500	1	04/16/2022 08:03	WG1849446
Chloroform	U		0.000111	0.00500	1	04/16/2022 08:03	WG1849446
Chloromethane	U		0.000960	0.00250	1	04/16/2022 08:03	WG1849446
1,2-Dibromoethane	U		0.000126	0.00100	1	04/16/2022 08:03	WG1849446
1,1-Dichloroethane	U		0.000100	0.00100	1	04/16/2022 08:03	WG1849446

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/16/2022 08:03	WG1849446
1,1-Dichloroethene	U		0.000188	0.00100	1	04/16/2022 08:03	WG1849446
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/16/2022 08:03	WG1849446
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/16/2022 08:03	WG1849446
1,2-Dichloropropane	U		0.000149	0.00100	1	04/16/2022 08:03	WG1849446
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/16/2022 08:03	WG1849446
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/16/2022 08:03	WG1849446
Ethylbenzene	U		0.000137	0.00100	1	04/16/2022 08:03	WG1849446
Isopropylbenzene	U		0.000105	0.00100	1	04/16/2022 08:03	WG1849446
p-Isopropyltoluene	U		0.000120	0.00100	1	04/16/2022 08:03	WG1849446
2-Butanone (MEK)	U		0.00119	0.0100	1	04/16/2022 08:03	WG1849446
2-Hexanone	U		0.000787	0.0100	1	04/16/2022 08:03	WG1849446
Methylene Chloride	U		0.000430	0.00500	1	04/16/2022 08:03	WG1849446
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/16/2022 08:03	WG1849446
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/16/2022 08:03	WG1849446
Naphthalene	U		0.00100	0.00500	1	04/16/2022 08:03	WG1849446
n-Propylbenzene	U		0.0000993	0.00100	1	04/16/2022 08:03	WG1849446
Styrene	U		0.000118	0.00100	1	04/16/2022 08:03	WG1849446
tert-Butyl alcohol	U		0.00406	0.00500	1	04/16/2022 08:03	WG1849446
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/16/2022 08:03	WG1849446
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/16/2022 08:03	WG1849446
Tetrachloroethene	U		0.000300	0.00100	1	04/16/2022 08:03	WG1849446
Toluene	U		0.000278	0.00100	1	04/16/2022 08:03	WG1849446
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/16/2022 08:03	WG1849446
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/16/2022 08:03	WG1849446
Trichloroethene	U		0.000190	0.00100	1	04/16/2022 08:03	WG1849446
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/16/2022 08:03	WG1849446
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/16/2022 08:03	WG1849446
Vinyl chloride	U		0.000234	0.00100	1	04/16/2022 08:03	WG1849446
o-Xylene	U		0.000174	0.00100	1	04/16/2022 08:03	WG1849446
m&p-Xylene	U		0.000430	0.00200	1	04/16/2022 08:03	WG1849446
Xylenes, Total	U		0.000174	0.00300	1	04/16/2022 08:03	WG1849446
(S) Toluene-d8	*105*			*80.0-120*		*04/16/2022 08:03*	WG1849446
(S) 4-Bromofluorobenzene	*102*			*77.0-126*		*04/16/2022 08:03*	WG1849446
(S) 1,2-Dichloroethane-d4	*113*			*70.0-130*		*04/16/2022 08:03*	WG1849446

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.0424	J	0.0247	0.100	1	04/27/2022 17:51	WG1854506
(S) o-Terphenyl	*59.5*			*31.0-160*		*04/27/2022 17:51*	WG1854506

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	4640		100	1	04/19/2022 14:44	WG1850669

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	383	B	37.9	100	100	04/16/2022 19:20	WG1849614
Fluoride	1.19		0.0640	0.150	1	04/16/2022 19:04	WG1849614
Sulfate	2990		59.4	500	100	04/16/2022 19:20	WG1849614

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00448		0.000180	0.00200	1	04/20/2022 19:16	WG1850318
Arsenic,Dissolved	0.00361		0.000180	0.00200	1	04/20/2022 23:47	WG1850291
Barium	0.0217		0.000381	0.00200	1	04/20/2022 19:16	WG1850318
Barium,Dissolved	0.00989		0.000381	0.00200	1	04/20/2022 23:47	WG1850291
Calcium	542		0.0936	1.00	1	04/20/2022 19:16	WG1850318
Chromium	0.00210		0.00124	0.00200	1	04/20/2022 19:16	WG1850318
Chromium,Dissolved	U		0.00124	0.00200	1	04/22/2022 18:10	WG1852739
Iron	0.765		0.0281	0.100	1	04/20/2022 19:16	WG1850318
Iron,Dissolved	0.0557	J	0.0281	0.100	1	04/20/2022 23:47	WG1850291
Lead	0.000995	J	0.000849	0.00200	1	04/20/2022 19:16	WG1850318
Lead,Dissolved	U		0.000849	0.00200	1	04/20/2022 23:47	WG1850291
Manganese	0.0395		0.000704	0.00500	1	04/20/2022 19:16	WG1850318
Manganese,Dissolved	0.0245		0.000704	0.00500	1	04/20/2022 23:47	WG1850291
Potassium	1.38	J	0.108	2.00	1	04/20/2022 19:16	WG1850318
Selenium	0.00271		0.000300	0.00200	1	04/20/2022 19:16	WG1850318
Selenium,Dissolved	0.00284		0.000300	0.00200	1	04/20/2022 23:47	WG1850291
Sodium	240		0.376	2.00	1	04/20/2022 19:16	WG1850318

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	U		0.0314	0.100	1	04/18/2022 17:07	WG1849976
(S) a,a,a-Trifluorotoluene(FID)	*108*			*78.0-120*		*04/18/2022 17:07*	WG1849976

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/16/2022 08:23	WG1849446
Benzene	U		0.0000941	0.00100	1	04/16/2022 08:23	WG1849446
Bromodichloromethane	U		0.000136	0.00100	1	04/16/2022 08:23	WG1849446
Bromoform	U		0.000129	0.00100	1	04/16/2022 08:23	WG1849446
Bromomethane	U		0.000605	0.00500	1	04/16/2022 08:23	WG1849446
n-Butylbenzene	U		0.000157	0.00100	1	04/16/2022 08:23	WG1849446
sec-Butylbenzene	U		0.000125	0.00100	1	04/16/2022 08:23	WG1849446
Carbon disulfide	U		0.0000962	0.00100	1	04/16/2022 08:23	WG1849446
Carbon tetrachloride	U		0.000128	0.00100	1	04/16/2022 08:23	WG1849446
Chlorobenzene	U		0.000116	0.00100	1	04/16/2022 08:23	WG1849446
Chlorodibromomethane	U		0.000140	0.00100	1	04/16/2022 08:23	WG1849446
Chloroethane	U		0.000192	0.00500	1	04/16/2022 08:23	WG1849446
Chloroform	U		0.000111	0.00500	1	04/16/2022 08:23	WG1849446
Chloromethane	U		0.000960	0.00250	1	04/16/2022 08:23	WG1849446

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,2-Dibromoethane	U		0.000126	0.00100	1	04/16/2022 08:23	WG1849446
1,1-Dichloroethane	U		0.000100	0.00100	1	04/16/2022 08:23	WG1849446
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/16/2022 08:23	WG1849446
1,1-Dichloroethene	U		0.000188	0.00100	1	04/16/2022 08:23	WG1849446
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/16/2022 08:23	WG1849446
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/16/2022 08:23	WG1849446
1,2-Dichloropropane	U		0.000149	0.00100	1	04/16/2022 08:23	WG1849446
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/16/2022 08:23	WG1849446
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/16/2022 08:23	WG1849446
Ethylbenzene	U		0.000137	0.00100	1	04/16/2022 08:23	WG1849446
Isopropylbenzene	U		0.000105	0.00100	1	04/16/2022 08:23	WG1849446
p-Isopropyltoluene	U		0.000120	0.00100	1	04/16/2022 08:23	WG1849446
2-Butanone (MEK)	U		0.00119	0.0100	1	04/16/2022 08:23	WG1849446
2-Hexanone	U		0.000787	0.0100	1	04/16/2022 08:23	WG1849446
Methylene Chloride	U		0.000430	0.00500	1	04/16/2022 08:23	WG1849446
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/16/2022 08:23	WG1849446
Methyl tert-butyl ether	0.000832	J	0.000101	0.00100	1	04/16/2022 08:23	WG1849446
Naphthalene	U		0.00100	0.00500	1	04/16/2022 08:23	WG1849446
n-Propylbenzene	U		0.0000993	0.00100	1	04/16/2022 08:23	WG1849446
Styrene	U		0.000118	0.00100	1	04/16/2022 08:23	WG1849446
tert-Butyl alcohol	U		0.00406	0.00500	1	04/16/2022 08:23	WG1849446
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/16/2022 08:23	WG1849446
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/16/2022 08:23	WG1849446
Tetrachloroethene	U		0.000300	0.00100	1	04/16/2022 08:23	WG1849446
Toluene	U		0.000278	0.00100	1	04/16/2022 08:23	WG1849446
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/16/2022 08:23	WG1849446
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/16/2022 08:23	WG1849446
Trichloroethene	U		0.000190	0.00100	1	04/16/2022 08:23	WG1849446
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/16/2022 08:23	WG1849446
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/16/2022 08:23	WG1849446
Vinyl chloride	U		0.000234	0.00100	1	04/16/2022 08:23	WG1849446
o-Xylene	U		0.000174	0.00100	1	04/16/2022 08:23	WG1849446
m&p-Xylene	U		0.000430	0.00200	1	04/16/2022 08:23	WG1849446
Xylenes, Total	U		0.000174	0.00300	1	04/16/2022 08:23	WG1849446
(S) Toluene-d8	*102*			*80.0-120*		*04/16/2022 08:23*	WG1849446
(S) 4-Bromofluorobenzene	*97.4*			*77.0-126*		*04/16/2022 08:23*	WG1849446
(S) 1,2-Dichloroethane-d4	*114*			*70.0-130*		*04/16/2022 08:23*	WG1849446

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.133		0.0247	0.100	1	04/27/2022 18:11	WG1854506
(S) o-Terphenyl	*62.1*			*31.0-160*		*04/27/2022 18:11*	WG1854506

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	5010		50.0	1	04/15/2022 18:51	WG1849369

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	300	B	37.9	100	100	04/16/2022 19:53	WG1849614
Fluoride	1.21		0.0640	0.150	1	04/16/2022 19:37	WG1849614
Sulfate	3340		59.4	500	100	04/16/2022 19:53	WG1849614

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00407		0.000180	0.00200	1	04/20/2022 19:19	WG1850318
Arsenic,Dissolved	0.00407		0.000180	0.00200	1	04/20/2022 23:50	WG1850291
Barium	0.00863		0.000381	0.00200	1	04/20/2022 19:19	WG1850318
Barium,Dissolved	0.00859		0.000381	0.00200	1	04/20/2022 23:50	WG1850291
Calcium	498		0.0936	1.00	1	04/20/2022 19:19	WG1850318
Chromium	0.00181	J	0.00124	0.00200	1	04/20/2022 19:19	WG1850318
Chromium,Dissolved	0.00155	B J	0.00124	0.00200	1	04/20/2022 23:50	WG1850291
Iron	0.0430	J	0.0281	0.100	1	04/20/2022 19:19	WG1850318
Iron,Dissolved	0.0468	J	0.0281	0.100	1	04/20/2022 23:50	WG1850291
Lead	U		0.000849	0.00200	1	04/20/2022 19:19	WG1850318
Lead,Dissolved	U		0.000849	0.00200	1	04/20/2022 23:50	WG1850291
Manganese	0.00195	J	0.000704	0.00500	1	04/20/2022 19:19	WG1850318
Manganese,Dissolved	U		0.000704	0.00500	1	04/20/2022 23:50	WG1850291
Potassium	1.45	J	0.108	2.00	1	04/20/2022 19:19	WG1850318
Selenium	0.00591		0.000300	0.00200	1	04/20/2022 19:19	WG1850318
Selenium,Dissolved	0.00674		0.000300	0.00200	1	04/20/2022 23:50	WG1850291
Sodium	235		0.376	2.00	1	04/20/2022 19:19	WG1850318

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	U		0.0314	0.100	1	04/18/2022 17:29	WG1849976
(S) a,a,a-Trifluorotoluene(FID)	*108*			*78.0-120*		*04/18/2022 17:29*	WG1849976

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/16/2022 08:42	WG1849446
Benzene	U		0.0000941	0.00100	1	04/16/2022 08:42	WG1849446
Bromodichloromethane	U		0.000136	0.00100	1	04/16/2022 08:42	WG1849446
Bromoform	U		0.000129	0.00100	1	04/16/2022 08:42	WG1849446
Bromomethane	U		0.000605	0.00500	1	04/16/2022 08:42	WG1849446
n-Butylbenzene	U		0.000157	0.00100	1	04/16/2022 08:42	WG1849446
sec-Butylbenzene	U		0.000125	0.00100	1	04/16/2022 08:42	WG1849446
Carbon disulfide	U		0.0000962	0.00100	1	04/16/2022 08:42	WG1849446
Carbon tetrachloride	U		0.000128	0.00100	1	04/16/2022 08:42	WG1849446
Chlorobenzene	U		0.000116	0.00100	1	04/16/2022 08:42	WG1849446
Chlorodibromomethane	U		0.000140	0.00100	1	04/16/2022 08:42	WG1849446
Chloroethane	U		0.000192	0.00500	1	04/16/2022 08:42	WG1849446
Chloroform	U		0.000111	0.00500	1	04/16/2022 08:42	WG1849446
Chloromethane	U		0.000960	0.00250	1	04/16/2022 08:42	WG1849446

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,2-Dibromoethane	U		0.000126	0.00100	1	04/16/2022 08:42	WG1849446
1,1-Dichloroethane	U		0.000100	0.00100	1	04/16/2022 08:42	WG1849446
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/16/2022 08:42	WG1849446
1,1-Dichloroethene	U		0.000188	0.00100	1	04/16/2022 08:42	WG1849446
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/16/2022 08:42	WG1849446
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/16/2022 08:42	WG1849446
1,2-Dichloropropane	U		0.000149	0.00100	1	04/16/2022 08:42	WG1849446
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/16/2022 08:42	WG1849446
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/16/2022 08:42	WG1849446
Ethylbenzene	U		0.000137	0.00100	1	04/16/2022 08:42	WG1849446
Isopropylbenzene	U		0.000105	0.00100	1	04/16/2022 08:42	WG1849446
p-Isopropyltoluene	U		0.000120	0.00100	1	04/16/2022 08:42	WG1849446
2-Butanone (MEK)	U		0.00119	0.0100	1	04/16/2022 08:42	WG1849446
2-Hexanone	U		0.000787	0.0100	1	04/16/2022 08:42	WG1849446
Methylene Chloride	U		0.000430	0.00500	1	04/16/2022 08:42	WG1849446
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/16/2022 08:42	WG1849446
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/16/2022 08:42	WG1849446
Naphthalene	U		0.00100	0.00500	1	04/16/2022 08:42	WG1849446
n-Propylbenzene	U		0.0000993	0.00100	1	04/16/2022 08:42	WG1849446
Styrene	U		0.000118	0.00100	1	04/16/2022 08:42	WG1849446
tert-Butyl alcohol	U		0.00406	0.00500	1	04/16/2022 08:42	WG1849446
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/16/2022 08:42	WG1849446
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/16/2022 08:42	WG1849446
Tetrachloroethene	U		0.000300	0.00100	1	04/16/2022 08:42	WG1849446
Toluene	U		0.000278	0.00100	1	04/16/2022 08:42	WG1849446
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/16/2022 08:42	WG1849446
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/16/2022 08:42	WG1849446
Trichloroethene	U		0.000190	0.00100	1	04/16/2022 08:42	WG1849446
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/16/2022 08:42	WG1849446
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/16/2022 08:42	WG1849446
Vinyl chloride	U		0.000234	0.00100	1	04/16/2022 08:42	WG1849446
o-Xylene	U		0.000174	0.00100	1	04/16/2022 08:42	WG1849446
m&p-Xylene	U		0.000430	0.00200	1	04/16/2022 08:42	WG1849446
Xylenes, Total	U		0.000174	0.00300	1	04/16/2022 08:42	WG1849446
(S) Toluene-d8	*105*			*80.0-120*		*04/16/2022 08:42*	WG1849446
(S) 4-Bromofluorobenzene	*101*			*77.0-126*		*04/16/2022 08:42*	WG1849446
(S) 1,2-Dichloroethane-d4	*114*			*70.0-130*		*04/16/2022 08:42*	WG1849446

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	U		0.0247	0.100	1	04/27/2022 18:31	WG1854506
(S) o-Terphenyl	*61.6*			*31.0-160*		*04/27/2022 18:31*	WG1854506

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	5600		100	1	04/19/2022 14:44	WG1850669

Wet Chemistry by Method 353.2

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	12.7		0.500	1.00	10	04/20/2022 19:14	WG1851025

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	579		37.9	100	100	04/16/2022 20:26	WG1849614
Fluoride	1.14		0.0640	0.150	1	04/16/2022 20:09	WG1849614
Sulfate	3410		59.4	500	100	04/16/2022 20:26	WG1849614

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00294		0.000180	0.00200	1	04/20/2022 19:23	WG1850318
Arsenic,Dissolved	0.00281		0.000180	0.00200	1	04/20/2022 23:53	WG1850291
Barium	0.0176		0.000381	0.00200	1	04/20/2022 19:23	WG1850318
Barium,Dissolved	0.00744		0.000381	0.00200	1	04/20/2022 23:53	WG1850291
Calcium	548		0.0936	1.00	1	04/20/2022 19:23	WG1850318
Chromium	U		0.00124	0.00200	1	04/20/2022 19:23	WG1850318
Chromium,Dissolved	U		0.00124	0.00200	1	04/22/2022 18:14	WG1852739
Iron	0.208		0.0281	0.100	1	04/20/2022 19:23	WG1850318
Iron,Dissolved	U		0.0281	0.100	1	04/20/2022 23:53	WG1850291
Lead	U		0.000849	0.00200	1	04/20/2022 19:23	WG1850318
Lead,Dissolved	U		0.000849	0.00200	1	04/20/2022 23:53	WG1850291
Manganese	0.0131		0.000704	0.00500	1	04/20/2022 19:23	WG1850318
Manganese,Dissolved	U		0.000704	0.00500	1	04/20/2022 23:53	WG1850291
Potassium	0.816	J	0.108	2.00	1	04/20/2022 19:23	WG1850318
Selenium	0.0221		0.000300	0.00200	1	04/20/2022 19:23	WG1850318
Selenium,Dissolved	0.0221		0.000300	0.00200	1	04/20/2022 23:53	WG1850291
Sodium	580		0.376	2.00	1	04/20/2022 19:23	WG1850318

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	U		0.0314	0.100	1	04/18/2022 15:52	WG1850042
(S) a,a,a-Trifluorotoluene(FID)	*98.4*			*78.0-120*		*04/18/2022 15:52*	WG1850042

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/16/2022 08:59	WG1849454
Benzene	U		0.0000941	0.00100	1	04/16/2022 08:59	WG1849454
Bromodichloromethane	U		0.000136	0.00100	1	04/16/2022 08:59	WG1849454
Bromoform	U		0.000129	0.00100	1	04/16/2022 08:59	WG1849454
Bromomethane	U		0.000605	0.00500	1	04/16/2022 08:59	WG1849454
n-Butylbenzene	U		0.000157	0.00100	1	04/16/2022 08:59	WG1849454
sec-Butylbenzene	U		0.000125	0.00100	1	04/16/2022 08:59	WG1849454
Carbon disulfide	U		0.0000962	0.00100	1	04/16/2022 08:59	WG1849454
Carbon tetrachloride	U		0.000128	0.00100	1	04/16/2022 08:59	WG1849454

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chlorobenzene	U		0.000116	0.00100	1	04/16/2022 08:59	WG1849454
Chlorodibromomethane	U		0.000140	0.00100	1	04/16/2022 08:59	WG1849454
Chloroethane	U		0.000192	0.00500	1	04/16/2022 08:59	WG1849454
Chloroform	U		0.000111	0.00500	1	04/16/2022 08:59	WG1849454
Chloromethane	U		0.000960	0.00250	1	04/16/2022 08:59	WG1849454
1,2-Dibromoethane	U		0.000126	0.00100	1	04/16/2022 08:59	WG1849454
1,1-Dichloroethane	U		0.000100	0.00100	1	04/16/2022 08:59	WG1849454
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/16/2022 08:59	WG1849454
1,1-Dichloroethene	U		0.000188	0.00100	1	04/16/2022 08:59	WG1849454
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/16/2022 08:59	WG1849454
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/16/2022 08:59	WG1849454
1,2-Dichloropropane	U		0.000149	0.00100	1	04/16/2022 08:59	WG1849454
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/16/2022 08:59	WG1849454
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/16/2022 08:59	WG1849454
Ethylbenzene	U		0.000137	0.00100	1	04/16/2022 08:59	WG1849454
Isopropylbenzene	U		0.000105	0.00100	1	04/16/2022 08:59	WG1849454
p-Isopropyltoluene	U		0.000120	0.00100	1	04/16/2022 08:59	WG1849454
2-Butanone (MEK)	U		0.00119	0.0100	1	04/16/2022 08:59	WG1849454
2-Hexanone	U		0.000787	0.0100	1	04/16/2022 08:59	WG1849454
Methylene Chloride	U		0.000430	0.00500	1	04/16/2022 08:59	WG1849454
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/16/2022 08:59	WG1849454
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/16/2022 08:59	WG1849454
Naphthalene	U		0.00100	0.00500	1	04/16/2022 08:59	WG1849454
n-Propylbenzene	U		0.0000993	0.00100	1	04/16/2022 08:59	WG1849454
Styrene	U		0.000118	0.00100	1	04/16/2022 08:59	WG1849454
tert-Butyl alcohol	U		0.00406	0.00500	1	04/16/2022 08:59	WG1849454
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/16/2022 08:59	WG1849454
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/16/2022 08:59	WG1849454
Tetrachloroethene	U		0.000300	0.00100	1	04/16/2022 08:59	WG1849454
Toluene	U		0.000278	0.00100	1	04/16/2022 08:59	WG1849454
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/16/2022 08:59	WG1849454
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/16/2022 08:59	WG1849454
Trichloroethene	U		0.000190	0.00100	1	04/16/2022 08:59	WG1849454
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/16/2022 08:59	WG1849454
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/16/2022 08:59	WG1849454
Vinyl chloride	U		0.000234	0.00100	1	04/16/2022 08:59	WG1849454
o-Xylene	U		0.000174	0.00100	1	04/16/2022 08:59	WG1849454
m&p-Xylene	U		0.000430	0.00200	1	04/16/2022 08:59	WG1849454
Xylenes, Total	U		0.000174	0.00300	1	04/16/2022 08:59	WG1849454
(S) Toluene-d8	*110*			*80.0-120*		*04/16/2022 08:59*	WG1849454
(S) 4-Bromofluorobenzene	*99.7*			*77.0-126*		*04/16/2022 08:59*	WG1849454
(S) 1,2-Dichloroethane-d4	*99.7*			*70.0-130*		*04/16/2022 08:59*	WG1849454

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	U		0.0247	0.100	1	04/27/2022 18:51	WG1854506
(S) o-Terphenyl	*57.4*			*31.0-160*		*04/27/2022 18:51*	WG1854506

Semi Volatile Organic Compounds (GC/MS) by Method 8270 C-mod

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,4-Dioxane	0.0000815	J	0.0000447	0.000400	1	04/17/2022 16:27	WG1849044
(S) Nitrobenzene-d5	*67.4*			*10.0-120*		*04/17/2022 16:27*	WG1849044

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	5170		100	1	04/19/2022 14:44	WG1850669

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	499		37.9	100	100	04/16/2022 20:59	WG1849614
Fluoride	0.925		0.0640	0.150	1	04/16/2022 20:42	WG1849614
Sulfate	3230		59.4	500	100	04/16/2022 20:59	WG1849614

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00286		0.000180	0.00200	1	04/20/2022 19:26	WG1850318
Arsenic,Dissolved	0.00256		0.000180	0.00200	1	04/20/2022 23:57	WG1850291
Barium	0.0577		0.000381	0.00200	1	04/20/2022 19:26	WG1850318
Barium,Dissolved	0.00814		0.000381	0.00200	1	04/20/2022 23:57	WG1850291
Calcium	560		0.0936	1.00	1	04/20/2022 19:26	WG1850318
Chromium	U		0.00124	0.00200	1	04/20/2022 19:26	WG1850318
Chromium,Dissolved	U		0.00124	0.00200	1	04/20/2022 23:57	WG1850291
Iron	0.571		0.0281	0.100	1	04/20/2022 19:26	WG1850318
Iron,Dissolved	U		0.0281	0.100	1	04/20/2022 23:57	WG1850291
Lead	0.00417		0.000849	0.00200	1	04/20/2022 19:26	WG1850318
Lead,Dissolved	U		0.000849	0.00200	1	04/20/2022 23:57	WG1850291
Manganese	0.0482		0.000704	0.00500	1	04/20/2022 19:26	WG1850318
Manganese,Dissolved	0.00179	J	0.000704	0.00500	1	04/20/2022 23:57	WG1850291
Potassium	0.804	J	0.108	2.00	1	04/20/2022 19:26	WG1850318
Selenium	0.0177		0.000300	0.00200	1	04/20/2022 19:26	WG1850318
Selenium,Dissolved	0.0168		0.000300	0.00200	1	04/20/2022 23:57	WG1850291
Sodium	460		0.376	2.00	1	04/20/2022 19:26	WG1850318

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	U		0.0314	0.100	1	04/18/2022 16:15	WG1850042
(S) a,a,a-Trifluorotoluene(FID)	*98.8*			*78.0-120*		*04/18/2022 16:15*	WG1850042

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/16/2022 09:19	WG1849454
Benzene	U		0.0000941	0.00100	1	04/16/2022 09:19	WG1849454
Bromodichloromethane	U		0.000136	0.00100	1	04/16/2022 09:19	WG1849454
Bromoform	U		0.000129	0.00100	1	04/16/2022 09:19	WG1849454
Bromomethane	U		0.000605	0.00500	1	04/16/2022 09:19	WG1849454
n-Butylbenzene	U		0.000157	0.00100	1	04/16/2022 09:19	WG1849454
sec-Butylbenzene	U		0.000125	0.00100	1	04/16/2022 09:19	WG1849454
Carbon disulfide	U		0.0000962	0.00100	1	04/16/2022 09:19	WG1849454
Carbon tetrachloride	U		0.000128	0.00100	1	04/16/2022 09:19	WG1849454
Chlorobenzene	U		0.000116	0.00100	1	04/16/2022 09:19	WG1849454
Chlorodibromomethane	U		0.000140	0.00100	1	04/16/2022 09:19	WG1849454
Chloroethane	U		0.000192	0.00500	1	04/16/2022 09:19	WG1849454
Chloroform	U		0.000111	0.00500	1	04/16/2022 09:19	WG1849454
Chloromethane	U		0.000960	0.00250	1	04/16/2022 09:19	WG1849454

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,2-Dibromoethane	U		0.000126	0.00100	1	04/16/2022 09:19	WG1849454
1,1-Dichloroethane	U		0.000100	0.00100	1	04/16/2022 09:19	WG1849454
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/16/2022 09:19	WG1849454
1,1-Dichloroethene	U		0.000188	0.00100	1	04/16/2022 09:19	WG1849454
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/16/2022 09:19	WG1849454
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/16/2022 09:19	WG1849454
1,2-Dichloropropane	U		0.000149	0.00100	1	04/16/2022 09:19	WG1849454
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/16/2022 09:19	WG1849454
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/16/2022 09:19	WG1849454
Ethylbenzene	U		0.000137	0.00100	1	04/16/2022 09:19	WG1849454
Isopropylbenzene	U		0.000105	0.00100	1	04/16/2022 09:19	WG1849454
p-Isopropyltoluene	U		0.000120	0.00100	1	04/16/2022 09:19	WG1849454
2-Butanone (MEK)	U		0.00119	0.0100	1	04/16/2022 09:19	WG1849454
2-Hexanone	U		0.000787	0.0100	1	04/16/2022 09:19	WG1849454
Methylene Chloride	U		0.000430	0.00500	1	04/16/2022 09:19	WG1849454
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/16/2022 09:19	WG1849454
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/16/2022 09:19	WG1849454
Naphthalene	U		0.00100	0.00500	1	04/16/2022 09:19	WG1849454
n-Propylbenzene	U		0.0000993	0.00100	1	04/16/2022 09:19	WG1849454
Styrene	U		0.000118	0.00100	1	04/16/2022 09:19	WG1849454
tert-Butyl alcohol	U		0.00406	0.00500	1	04/16/2022 09:19	WG1849454
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/16/2022 09:19	WG1849454
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/16/2022 09:19	WG1849454
Tetrachloroethene	U		0.000300	0.00100	1	04/16/2022 09:19	WG1849454
Toluene	U		0.000278	0.00100	1	04/16/2022 09:19	WG1849454
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/16/2022 09:19	WG1849454
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/16/2022 09:19	WG1849454
Trichloroethene	U		0.000190	0.00100	1	04/16/2022 09:19	WG1849454
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/16/2022 09:19	WG1849454
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/16/2022 09:19	WG1849454
Vinyl chloride	U		0.000234	0.00100	1	04/16/2022 09:19	WG1849454
o-Xylene	U		0.000174	0.00100	1	04/16/2022 09:19	WG1849454
m&p-Xylene	U		0.000430	0.00200	1	04/16/2022 09:19	WG1849454
Xylenes, Total	U		0.000174	0.00300	1	04/16/2022 09:19	WG1849454
(S) Toluene-d8	*108*			*80.0-120*		*04/16/2022 09:19*	WG1849454
(S) 4-Bromofluorobenzene	*96.8*			*77.0-126*		*04/16/2022 09:19*	WG1849454
(S) 1,2-Dichloroethane-d4	*97.1*			*70.0-130*		*04/16/2022 09:19*	WG1849454

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	U		0.0247	0.100	1	04/27/2022 19:11	WG1854506
(S) o-Terphenyl	*60.0*			*31.0-160*		*04/27/2022 19:11*	WG1854506

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	4100		50.0	1	04/19/2022 14:44	WG1850669

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	291	B	37.9	100	100	04/16/2022 22:04	WG1849614
Fluoride	1.55		0.0640	0.150	1	04/16/2022 21:48	WG1849614
Sulfate	2390		59.4	500	100	04/16/2022 22:04	WG1849614

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00302		0.000180	0.00200	1	04/20/2022 21:01	WG1850318
Arsenic,Dissolved	0.00263		0.000180	0.00200	1	04/21/2022 00:00	WG1850291
Barium	0.0844		0.000381	0.00200	1	04/20/2022 21:01	WG1850318
Barium,Dissolved	0.0108		0.000381	0.00200	1	04/21/2022 00:00	WG1850291
Calcium	582		0.0936	1.00	1	04/20/2022 21:01	WG1850318
Chromium	0.00281		0.00124	0.00200	1	04/20/2022 21:01	WG1850318
Chromium,Dissolved	0.00178	B J	0.00124	0.00200	1	04/21/2022 00:00	WG1850291
Iron	2.10		0.0281	0.100	1	04/20/2022 21:01	WG1850318
Iron,Dissolved	0.0520	J	0.0281	0.100	1	04/21/2022 00:00	WG1850291
Lead	0.00392		0.000849	0.00200	1	04/20/2022 21:01	WG1850318
Lead,Dissolved	U		0.000849	0.00200	1	04/21/2022 00:00	WG1850291
Manganese	0.400		0.000704	0.00500	1	04/20/2022 21:01	WG1850318
Manganese,Dissolved	0.00382	J	0.000704	0.00500	1	04/21/2022 00:00	WG1850291
Potassium	9.47		0.108	2.00	1	04/20/2022 21:01	WG1850318
Selenium	0.0101		0.000300	0.00200	1	04/20/2022 21:01	WG1850318
Selenium,Dissolved	0.0100		0.000300	0.00200	1	04/21/2022 00:00	WG1850291
Sodium	211		0.376	2.00	1	04/20/2022 21:01	WG1850318

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	U		0.0314	0.100	1	04/18/2022 16:39	WG1850042
(S) a,a,a-Trifluorotoluene(FID)	*99.2*			*78.0-120*		*04/18/2022 16:39*	WG1850042

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/16/2022 09:40	WG1849454
Benzene	U		0.0000941	0.00100	1	04/16/2022 09:40	WG1849454
Bromodichloromethane	U		0.000136	0.00100	1	04/16/2022 09:40	WG1849454
Bromoform	U		0.000129	0.00100	1	04/16/2022 09:40	WG1849454
Bromomethane	U		0.000605	0.00500	1	04/16/2022 09:40	WG1849454
n-Butylbenzene	U		0.000157	0.00100	1	04/16/2022 09:40	WG1849454
sec-Butylbenzene	U		0.000125	0.00100	1	04/16/2022 09:40	WG1849454
Carbon disulfide	U		0.0000962	0.00100	1	04/16/2022 09:40	WG1849454
Carbon tetrachloride	U		0.000128	0.00100	1	04/16/2022 09:40	WG1849454
Chlorobenzene	U		0.000116	0.00100	1	04/16/2022 09:40	WG1849454
Chlorodibromomethane	U		0.000140	0.00100	1	04/16/2022 09:40	WG1849454
Chloroethane	U		0.000192	0.00500	1	04/16/2022 09:40	WG1849454
Chloroform	U		0.000111	0.00500	1	04/16/2022 09:40	WG1849454
Chloromethane	U		0.000960	0.00250	1	04/16/2022 09:40	WG1849454

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,2-Dibromoethane	U		0.000126	0.00100	1	04/16/2022 09:40	WG1849454
1,1-Dichloroethane	U		0.000100	0.00100	1	04/16/2022 09:40	WG1849454
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/16/2022 09:40	WG1849454
1,1-Dichloroethene	U		0.000188	0.00100	1	04/16/2022 09:40	WG1849454
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/16/2022 09:40	WG1849454
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/16/2022 09:40	WG1849454
1,2-Dichloropropane	U		0.000149	0.00100	1	04/16/2022 09:40	WG1849454
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/16/2022 09:40	WG1849454
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/16/2022 09:40	WG1849454
Ethylbenzene	U		0.000137	0.00100	1	04/16/2022 09:40	WG1849454
Isopropylbenzene	U		0.000105	0.00100	1	04/16/2022 09:40	WG1849454
p-Isopropyltoluene	U		0.000120	0.00100	1	04/16/2022 09:40	WG1849454
2-Butanone (MEK)	U		0.00119	0.0100	1	04/16/2022 09:40	WG1849454
2-Hexanone	U		0.000787	0.0100	1	04/16/2022 09:40	WG1849454
Methylene Chloride	U		0.000430	0.00500	1	04/16/2022 09:40	WG1849454
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/16/2022 09:40	WG1849454
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/16/2022 09:40	WG1849454
Naphthalene	U		0.00100	0.00500	1	04/16/2022 09:40	WG1849454
n-Propylbenzene	U		0.0000993	0.00100	1	04/16/2022 09:40	WG1849454
Styrene	U		0.000118	0.00100	1	04/16/2022 09:40	WG1849454
tert-Butyl alcohol	U		0.00406	0.00500	1	04/16/2022 09:40	WG1849454
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/16/2022 09:40	WG1849454
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/16/2022 09:40	WG1849454
Tetrachloroethene	U		0.000300	0.00100	1	04/16/2022 09:40	WG1849454
Toluene	U		0.000278	0.00100	1	04/16/2022 09:40	WG1849454
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/16/2022 09:40	WG1849454
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/16/2022 09:40	WG1849454
Trichloroethene	U		0.000190	0.00100	1	04/16/2022 09:40	WG1849454
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/16/2022 09:40	WG1849454
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/16/2022 09:40	WG1849454
Vinyl chloride	U		0.000234	0.00100	1	04/16/2022 09:40	WG1849454
o-Xylene	U		0.000174	0.00100	1	04/16/2022 09:40	WG1849454
m&p-Xylene	U		0.000430	0.00200	1	04/16/2022 09:40	WG1849454
Xylenes, Total	U		0.000174	0.00300	1	04/16/2022 09:40	WG1849454
(S) Toluene-d8	*101*			*80.0-120*		*04/16/2022 09:40*	WG1849454
(S) 4-Bromofluorobenzene	*98.6*			*77.0-126*		*04/16/2022 09:40*	WG1849454
(S) 1,2-Dichloroethane-d4	*104*			*70.0-130*		*04/16/2022 09:40*	WG1849454

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	U		0.0247	0.100	1	04/27/2022 19:31	WG1854506
(S) o-Terphenyl	*56.8*			*31.0-160*		*04/27/2022 19:31*	WG1854506

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	3200		100	1	04/19/2022 18:10	WG1851013
Dissolved Solids	5270	Q	100	1	05/08/2022 03:19	WG1860459

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	300	B	37.9	100	100	04/16/2022 22:37	WG1849614
Fluoride	1.15		0.0640	0.150	1	04/16/2022 22:21	WG1849614
Sulfate	3280		59.4	500	100	04/16/2022 22:37	WG1849614

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00407		0.000180	0.00200	1	04/20/2022 19:49	WG1850318
Arsenic,Dissolved	0.00400		0.000180	0.00200	1	04/21/2022 00:03	WG1850291
Barium	0.0102		0.000381	0.00200	1	04/20/2022 19:49	WG1850318
Barium,Dissolved	0.00990		0.000381	0.00200	1	04/21/2022 00:03	WG1850291
Calcium	502		0.0936	1.00	1	04/20/2022 19:49	WG1850318
Chromium	U		0.00124	0.00200	1	04/20/2022 19:49	WG1850318
Chromium,Dissolved	U		0.00124	0.00200	1	04/22/2022 18:17	WG1852739
Iron	0.0764	J	0.0281	0.100	1	04/20/2022 19:49	WG1850318
Iron,Dissolved	0.0893	J	0.0281	0.100	1	04/21/2022 00:03	WG1850291
Lead	U		0.000849	0.00200	1	04/20/2022 19:49	WG1850318
Lead,Dissolved	U		0.000849	0.00200	1	04/21/2022 00:03	WG1850291
Manganese	0.00329	J	0.000704	0.00500	1	04/20/2022 19:49	WG1850318
Manganese,Dissolved	0.00175	J	0.000704	0.00500	1	04/21/2022 00:03	WG1850291
Potassium	1.34	J	0.108	2.00	1	04/20/2022 19:49	WG1850318
Selenium	0.00699		0.000300	0.00200	1	04/20/2022 19:49	WG1850318
Selenium,Dissolved	0.00645		0.000300	0.00200	1	04/21/2022 00:03	WG1850291
Sodium	232		0.376	2.00	1	04/20/2022 19:49	WG1850318

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	U		0.0314	0.100	1	04/18/2022 17:03	WG1850042
(S) a,a,a-Trifluorotoluene(FID)	*99.2*			*78.0-120*		*04/18/2022 17:03*	WG1850042

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/16/2022 10:00	WG1849454
Benzene	U		0.0000941	0.00100	1	04/16/2022 10:00	WG1849454
Bromodichloromethane	U		0.000136	0.00100	1	04/16/2022 10:00	WG1849454
Bromoform	U		0.000129	0.00100	1	04/16/2022 10:00	WG1849454
Bromomethane	U		0.000605	0.00500	1	04/16/2022 10:00	WG1849454
n-Butylbenzene	U		0.000157	0.00100	1	04/16/2022 10:00	WG1849454
sec-Butylbenzene	U		0.000125	0.00100	1	04/16/2022 10:00	WG1849454
Carbon disulfide	U		0.0000962	0.00100	1	04/16/2022 10:00	WG1849454
Carbon tetrachloride	U		0.000128	0.00100	1	04/16/2022 10:00	WG1849454
Chlorobenzene	U		0.000116	0.00100	1	04/16/2022 10:00	WG1849454
Chlorodibromomethane	U		0.000140	0.00100	1	04/16/2022 10:00	WG1849454
Chloroethane	U		0.000192	0.00500	1	04/16/2022 10:00	WG1849454
Chloroform	U		0.000111	0.00500	1	04/16/2022 10:00	WG1849454

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Chloromethane	U		0.000960	0.00250	1	04/16/2022 10:00	WG1849454
1,2-Dibromoethane	U		0.000126	0.00100	1	04/16/2022 10:00	WG1849454
1,1-Dichloroethane	U		0.000100	0.00100	1	04/16/2022 10:00	WG1849454
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/16/2022 10:00	WG1849454
1,1-Dichloroethene	U		0.000188	0.00100	1	04/16/2022 10:00	WG1849454
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/16/2022 10:00	WG1849454
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/16/2022 10:00	WG1849454
1,2-Dichloropropane	U		0.000149	0.00100	1	04/16/2022 10:00	WG1849454
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/16/2022 10:00	WG1849454
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/16/2022 10:00	WG1849454
Ethylbenzene	U		0.000137	0.00100	1	04/16/2022 10:00	WG1849454
Isopropylbenzene	U		0.000105	0.00100	1	04/16/2022 10:00	WG1849454
p-Isopropyltoluene	U		0.000120	0.00100	1	04/16/2022 10:00	WG1849454
2-Butanone (MEK)	U		0.00119	0.0100	1	04/16/2022 10:00	WG1849454
2-Hexanone	U		0.000787	0.0100	1	04/16/2022 10:00	WG1849454
Methylene Chloride	U		0.000430	0.00500	1	04/16/2022 10:00	WG1849454
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/16/2022 10:00	WG1849454
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/16/2022 10:00	WG1849454
Naphthalene	U		0.00100	0.00500	1	04/16/2022 10:00	WG1849454
n-Propylbenzene	U		0.0000993	0.00100	1	04/16/2022 10:00	WG1849454
Styrene	U		0.000118	0.00100	1	04/16/2022 10:00	WG1849454
tert-Butyl alcohol	U		0.00406	0.00500	1	04/16/2022 10:00	WG1849454
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/16/2022 10:00	WG1849454
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/16/2022 10:00	WG1849454
Tetrachloroethene	U		0.000300	0.00100	1	04/16/2022 10:00	WG1849454
Toluene	U		0.000278	0.00100	1	04/16/2022 10:00	WG1849454
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/16/2022 10:00	WG1849454
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/16/2022 10:00	WG1849454
Trichloroethene	U		0.000190	0.00100	1	04/16/2022 10:00	WG1849454
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/16/2022 10:00	WG1849454
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/16/2022 10:00	WG1849454
Vinyl chloride	U		0.000234	0.00100	1	04/16/2022 10:00	WG1849454
o-Xylene	U		0.000174	0.00100	1	04/16/2022 10:00	WG1849454
m&p-Xylene	U		0.000430	0.00200	1	04/16/2022 10:00	WG1849454
Xylenes, Total	U		0.000174	0.00300	1	04/16/2022 10:00	WG1849454
(S) Toluene-d8	*99.4*			*80.0-120*		*04/16/2022 10:00*	WG1849454
(S) 4-Bromofluorobenzene	*97.5*			*77.0-126*		*04/16/2022 10:00*	WG1849454
(S) 1,2-Dichloroethane-d4	*102*			*70.0-130*		*04/16/2022 10:00*	WG1849454

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
TPH (GC/FID) High Fraction	0.0918	J	0.0247	0.100	1	04/27/2022 03:28	WG1854255
(S) o-Terphenyl	*100*			*31.0-160*		*04/27/2022 03:28*	WG1854255

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	ND		10.0	1	04/19/2022 14:44	WG1850669

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	0.450	B J P1	0.379	1.00	1	04/16/2022 22:53	WG1849614
Fluoride	U		0.0640	0.150	1	04/16/2022 22:53	WG1849614
Sulfate	U		0.594	5.00	1	04/16/2022 22:53	WG1849614

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	U		0.000180	0.00200	1	04/20/2022 19:52	WG1850318
Arsenic,Dissolved	U		0.000180	0.00200	1	04/21/2022 00:06	WG1850291
Barium	U		0.000381	0.00200	1	04/20/2022 19:52	WG1850318
Barium,Dissolved	U		0.000381	0.00200	1	04/21/2022 00:06	WG1850291
Calcium	0.135	J	0.0936	1.00	1	04/20/2022 19:52	WG1850318
Chromium	U		0.00124	0.00200	1	04/20/2022 19:52	WG1850318
Chromium,Dissolved	U		0.00124	0.00200	1	04/21/2022 00:06	WG1850291
Iron	U		0.0281	0.100	1	04/20/2022 19:52	WG1850318
Iron,Dissolved	U		0.0281	0.100	1	04/21/2022 00:06	WG1850291
Lead	U		0.000849	0.00200	1	04/20/2022 19:52	WG1850318
Lead,Dissolved	U		0.000849	0.00200	1	04/21/2022 00:06	WG1850291
Manganese	U		0.000704	0.00500	1	04/20/2022 19:52	WG1850318
Manganese,Dissolved	U		0.000704	0.00500	1	04/21/2022 00:06	WG1850291
Potassium	U		0.108	2.00	1	04/20/2022 19:52	WG1850318
Selenium	0.000701	J	0.000300	0.00200	1	04/20/2022 19:52	WG1850318
Selenium,Dissolved	U		0.000300	0.00200	1	04/21/2022 00:06	WG1850291
Sodium	U		0.376	2.00	1	04/20/2022 19:52	WG1850318

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	U		0.0314	0.100	1	04/18/2022 15:04	WG1850042
(S) a,a,a-Trifluorotoluene(FID)	*98.9*			*78.0-120*		*04/18/2022 15:04*	WG1850042

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/16/2022 08:18	WG1849454
Benzene	U		0.0000941	0.00100	1	04/16/2022 08:18	WG1849454
Bromodichloromethane	U		0.000136	0.00100	1	04/16/2022 08:18	WG1849454
Bromoform	U		0.000129	0.00100	1	04/16/2022 08:18	WG1849454
Bromomethane	U		0.000605	0.00500	1	04/16/2022 08:18	WG1849454
n-Butylbenzene	U		0.000157	0.00100	1	04/16/2022 08:18	WG1849454
sec-Butylbenzene	U		0.000125	0.00100	1	04/16/2022 08:18	WG1849454
Carbon disulfide	U		0.0000962	0.00100	1	04/16/2022 08:18	WG1849454
Carbon tetrachloride	U		0.000128	0.00100	1	04/16/2022 08:18	WG1849454
Chlorobenzene	U		0.000116	0.00100	1	04/16/2022 08:18	WG1849454
Chlorodibromomethane	U		0.000140	0.00100	1	04/16/2022 08:18	WG1849454
Chloroethane	U		0.000192	0.00500	1	04/16/2022 08:18	WG1849454
Chloroform	U		0.000111	0.00500	1	04/16/2022 08:18	WG1849454
Chloromethane	U		0.000960	0.00250	1	04/16/2022 08:18	WG1849454

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,2-Dibromoethane	U		0.000126	0.00100	1	04/16/2022 08:18	WG1849454
1,1-Dichloroethane	U		0.000100	0.00100	1	04/16/2022 08:18	WG1849454
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/16/2022 08:18	WG1849454
1,1-Dichloroethene	U		0.000188	0.00100	1	04/16/2022 08:18	WG1849454
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/16/2022 08:18	WG1849454
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/16/2022 08:18	WG1849454
1,2-Dichloropropane	U		0.000149	0.00100	1	04/16/2022 08:18	WG1849454
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/16/2022 08:18	WG1849454
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/16/2022 08:18	WG1849454
Ethylbenzene	U		0.000137	0.00100	1	04/16/2022 08:18	WG1849454
Isopropylbenzene	U		0.000105	0.00100	1	04/16/2022 08:18	WG1849454
p-Isopropyltoluene	U		0.000120	0.00100	1	04/16/2022 08:18	WG1849454
2-Butanone (MEK)	U		0.00119	0.0100	1	04/16/2022 08:18	WG1849454
2-Hexanone	U		0.000787	0.0100	1	04/16/2022 08:18	WG1849454
Methylene Chloride	U		0.000430	0.00500	1	04/16/2022 08:18	WG1849454
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/16/2022 08:18	WG1849454
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/16/2022 08:18	WG1849454
Naphthalene	U		0.00100	0.00500	1	04/16/2022 08:18	WG1849454
n-Propylbenzene	U		0.0000993	0.00100	1	04/16/2022 08:18	WG1849454
Styrene	U		0.000118	0.00100	1	04/16/2022 08:18	WG1849454
tert-Butyl alcohol	U		0.00406	0.00500	1	04/16/2022 08:18	WG1849454
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/16/2022 08:18	WG1849454
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/16/2022 08:18	WG1849454
Tetrachloroethene	U		0.000300	0.00100	1	04/16/2022 08:18	WG1849454
Toluene	U		0.000278	0.00100	1	04/16/2022 08:18	WG1849454
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/16/2022 08:18	WG1849454
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/16/2022 08:18	WG1849454
Trichloroethene	U		0.000190	0.00100	1	04/16/2022 08:18	WG1849454
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/16/2022 08:18	WG1849454
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/16/2022 08:18	WG1849454
Vinyl chloride	U		0.000234	0.00100	1	04/16/2022 08:18	WG1849454
o-Xylene	U		0.000174	0.00100	1	04/16/2022 08:18	WG1849454
m&p-Xylene	U		0.000430	0.00200	1	04/16/2022 08:18	WG1849454
Xylenes, Total	U		0.000174	0.00300	1	04/16/2022 08:18	WG1849454
(S) Toluene-d8	*103*			*80.0-120*		*04/16/2022 08:18*	WG1849454
(S) 4-Bromofluorobenzene	*101*			*77.0-126*		*04/16/2022 08:18*	WG1849454
(S) 1,2-Dichloroethane-d4	*103*			*70.0-130*		*04/16/2022 08:18*	WG1849454

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.0512	J	0.0247	0.100	1	04/27/2022 03:51	WG1854255
(S) o-Terphenyl	*104*			*31.0-160*		*04/27/2022 03:51*	WG1854255

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/16/2022 07:37	WG1849454
Benzene	U		0.0000941	0.00100	1	04/16/2022 07:37	WG1849454
Bromodichloromethane	U		0.000136	0.00100	1	04/16/2022 07:37	WG1849454
Bromoform	U		0.000129	0.00100	1	04/16/2022 07:37	WG1849454
Bromomethane	U		0.000605	0.00500	1	04/16/2022 07:37	WG1849454
n-Butylbenzene	U		0.000157	0.00100	1	04/16/2022 07:37	WG1849454
sec-Butylbenzene	U		0.000125	0.00100	1	04/16/2022 07:37	WG1849454
Carbon disulfide	U		0.0000962	0.00100	1	04/16/2022 07:37	WG1849454
Carbon tetrachloride	U		0.000128	0.00100	1	04/16/2022 07:37	WG1849454
Chlorobenzene	U		0.000116	0.00100	1	04/16/2022 07:37	WG1849454
Chlorodibromomethane	U		0.000140	0.00100	1	04/16/2022 07:37	WG1849454
Chloroethane	U		0.000192	0.00500	1	04/16/2022 07:37	WG1849454
Chloroform	U		0.000111	0.00500	1	04/16/2022 07:37	WG1849454
Chloromethane	U		0.000960	0.00250	1	04/16/2022 07:37	WG1849454
1,2-Dibromoethane	U		0.000126	0.00100	1	04/16/2022 07:37	WG1849454
1,1-Dichloroethane	U		0.000100	0.00100	1	04/16/2022 07:37	WG1849454
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/16/2022 07:37	WG1849454
1,1-Dichloroethene	U		0.000188	0.00100	1	04/16/2022 07:37	WG1849454
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/16/2022 07:37	WG1849454
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/16/2022 07:37	WG1849454
1,2-Dichloropropane	U		0.000149	0.00100	1	04/16/2022 07:37	WG1849454
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/16/2022 07:37	WG1849454
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/16/2022 07:37	WG1849454
Ethylbenzene	U		0.000137	0.00100	1	04/16/2022 07:37	WG1849454
Isopropylbenzene	U		0.000105	0.00100	1	04/16/2022 07:37	WG1849454
p-Isopropyltoluene	U		0.000120	0.00100	1	04/16/2022 07:37	WG1849454
2-Butanone (MEK)	U		0.00119	0.0100	1	04/16/2022 07:37	WG1849454
2-Hexanone	U		0.000787	0.0100	1	04/16/2022 07:37	WG1849454
Methylene Chloride	U		0.000430	0.00500	1	04/16/2022 07:37	WG1849454
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/16/2022 07:37	WG1849454
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/16/2022 07:37	WG1849454
Naphthalene	U		0.00100	0.00500	1	04/16/2022 07:37	WG1849454
n-Propylbenzene	U		0.0000993	0.00100	1	04/16/2022 07:37	WG1849454
Styrene	U		0.000118	0.00100	1	04/16/2022 07:37	WG1849454
tert-Butyl alcohol	U		0.00406	0.00500	1	04/16/2022 07:37	WG1849454
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/16/2022 07:37	WG1849454
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/16/2022 07:37	WG1849454
Tetrachloroethene	U		0.000300	0.00100	1	04/16/2022 07:37	WG1849454
Toluene	U		0.000278	0.00100	1	04/16/2022 07:37	WG1849454
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/16/2022 07:37	WG1849454
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/16/2022 07:37	WG1849454
Trichloroethene	U		0.000190	0.00100	1	04/16/2022 07:37	WG1849454
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/16/2022 07:37	WG1849454
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/16/2022 07:37	WG1849454
Vinyl chloride	U		0.000234	0.00100	1	04/16/2022 07:37	WG1849454
o-Xylene	U		0.000174	0.00100	1	04/16/2022 07:37	WG1849454
m&p-Xylene	U		0.000430	0.00200	1	04/16/2022 07:37	WG1849454
Xylenes, Total	U		0.000174	0.00300	1	04/16/2022 07:37	WG1849454
(S) Toluene-d8	*105*			*80.0-120*		*04/16/2022 07:37*	WG1849454
(S) 4-Bromofluorobenzene	*100*			*77.0-126*		*04/16/2022 07:37*	WG1849454
(S) 1,2-Dichloroethane-d4	*103*			*70.0-130*		*04/16/2022 07:37*	WG1849454

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	2150	J3	50.0	1	04/19/2022 18:52	WG1851047

Wet Chemistry by Method 353.2

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	U		1.00	2.00	20	04/20/2022 19:15	WG1851025

Sample Narrative:

L1482377-56 WG1851025: Dilution due to high sulfide hit.

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	317		7.58	20.0	20	04/16/2022 23:59	WG1849614
Fluoride	1.16		0.0640	0.150	1	04/16/2022 23:43	WG1849614
Sulfate	855		11.9	100	20	04/16/2022 23:59	WG1849614

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.0504		0.000180	0.00200	1	04/20/2022 19:55	WG1850318
Arsenic,Dissolved	0.0543		0.000180	0.00200	1	04/21/2022 00:10	WG1850291
Barium	0.0827		0.000381	0.00200	1	04/20/2022 19:55	WG1850318
Barium,Dissolved	0.0386		0.000381	0.00200	1	04/21/2022 00:10	WG1850291
Calcium	394		0.0936	1.00	1	04/20/2022 19:55	WG1850318
Chromium	0.00125	J	0.00124	0.00200	1	04/20/2022 19:55	WG1850318
Chromium,Dissolved	0.00129	J	0.00124	0.00200	1	04/22/2022 18:20	WG1852739
Iron	0.219		0.0281	0.100	1	04/20/2022 19:55	WG1850318
Iron,Dissolved	0.0360	J	0.0281	0.100	1	04/21/2022 00:10	WG1850291
Lead	U		0.000849	0.00200	1	04/20/2022 19:55	WG1850318
Lead,Dissolved	U		0.000849	0.00200	1	04/21/2022 00:10	WG1850291
Manganese	0.00771		0.000704	0.00500	1	04/20/2022 19:55	WG1850318
Manganese,Dissolved	0.00600		0.000704	0.00500	1	04/21/2022 00:10	WG1850291
Potassium	1.10	J	0.108	2.00	1	04/20/2022 19:55	WG1850318
Selenium	0.000378	J	0.000300	0.00200	1	04/20/2022 19:55	WG1850318
Selenium,Dissolved	0.000409	J	0.000300	0.00200	1	04/21/2022 00:10	WG1850291
Sodium	232		0.376	2.00	1	04/20/2022 19:55	WG1850318

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	14.9		3.14	10.0	100	04/18/2022 22:36	WG1850042
(S) a,a,a-Trifluorotoluene(FID)	*97.9*			*78.0-120*		*04/18/2022 22:36*	WG1850042

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.565	2.50	50	04/16/2022 12:03	WG1849454
Benzene	2.19		0.00471	0.0500	50	04/16/2022 12:03	WG1849454
Bromodichloromethane	U		0.00680	0.0500	50	04/16/2022 12:03	WG1849454
Bromoform	U		0.00645	0.0500	50	04/16/2022 12:03	WG1849454
Bromomethane	U		0.0303	0.250	50	04/16/2022 12:03	WG1849454
n-Butylbenzene	0.0384	J	0.00785	0.0500	50	04/16/2022 12:03	WG1849454

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
sec-Butylbenzene	0.0422	J	0.00625	0.0500	50	04/16/2022 12:03	WG1849454
Carbon disulfide	U		0.00481	0.0500	50	04/16/2022 12:03	WG1849454
Carbon tetrachloride	U		0.00640	0.0500	50	04/16/2022 12:03	WG1849454
Chlorobenzene	U		0.00580	0.0500	50	04/16/2022 12:03	WG1849454
Chlorodibromomethane	U		0.00700	0.0500	50	04/16/2022 12:03	WG1849454
Chloroethane	U		0.00960	0.250	50	04/16/2022 12:03	WG1849454
Chloroform	U		0.00555	0.250	50	04/16/2022 12:03	WG1849454
Chloromethane	U		0.0480	0.125	50	04/16/2022 12:03	WG1849454
1,2-Dibromoethane	U		0.00630	0.0500	50	04/16/2022 12:03	WG1849454
1,1-Dichloroethane	U		0.00500	0.0500	50	04/16/2022 12:03	WG1849454
1,2-Dichloroethane	U		0.00409	0.0500	50	04/16/2022 12:03	WG1849454
1,1-Dichloroethene	U		0.00940	0.0500	50	04/16/2022 12:03	WG1849454
cis-1,2-Dichloroethene	U		0.00630	0.0500	50	04/16/2022 12:03	WG1849454
trans-1,2-Dichloroethene	U		0.00745	0.0500	50	04/16/2022 12:03	WG1849454
1,2-Dichloropropane	U		0.00745	0.0500	50	04/16/2022 12:03	WG1849454
cis-1,3-Dichloropropene	U		0.00555	0.0500	50	04/16/2022 12:03	WG1849454
trans-1,3-Dichloropropene	U		0.00590	0.0500	50	04/16/2022 12:03	WG1849454
Ethylbenzene	0.307		0.00685	0.0500	50	04/16/2022 12:03	WG1849454
Isopropylbenzene	0.138		0.00525	0.0500	50	04/16/2022 12:03	WG1849454
p-Isopropyltoluene	0.0465	J	0.00600	0.0500	50	04/16/2022 12:03	WG1849454
2-Butanone (MEK)	U		0.0595	0.500	50	04/16/2022 12:03	WG1849454
2-Hexanone	U		0.0394	0.500	50	04/16/2022 12:03	WG1849454
Methylene Chloride	U		0.0215	0.250	50	04/16/2022 12:03	WG1849454
4-Methyl-2-pentanone (MIBK)	U		0.0239	0.500	50	04/16/2022 12:03	WG1849454
Methyl tert-butyl ether	0.0590		0.00505	0.0500	50	04/16/2022 12:03	WG1849454
Naphthalene	0.227	J	0.0500	0.250	50	04/16/2022 12:03	WG1849454
n-Propylbenzene	0.311		0.00497	0.0500	50	04/16/2022 12:03	WG1849454
Styrene	U		0.00590	0.0500	50	04/16/2022 12:03	WG1849454
tert-Butyl alcohol	U		0.203	0.250	50	04/16/2022 12:03	WG1849454
1,1,1,2-Tetrachloroethane	U		0.00735	0.0500	50	04/16/2022 12:03	WG1849454
1,1,2,2-Tetrachloroethane	U		0.00665	0.0500	50	04/16/2022 12:03	WG1849454
Tetrachloroethene	U		0.0150	0.0500	50	04/16/2022 12:03	WG1849454
Toluene	0.0155	J	0.0139	0.0500	50	04/16/2022 12:03	WG1849454
1,1,1-Trichloroethane	U		0.00745	0.0500	50	04/16/2022 12:03	WG1849454
1,1,2-Trichloroethane	U		0.00790	0.0500	50	04/16/2022 12:03	WG1849454
Trichloroethene	U		0.00950	0.0500	50	04/16/2022 12:03	WG1849454
1,2,4-Trimethylbenzene	1.12		0.0161	0.0500	50	04/16/2022 12:03	WG1849454
1,3,5-Trimethylbenzene	0.219		0.00520	0.0500	50	04/16/2022 12:03	WG1849454
Vinyl chloride	U		0.0117	0.0500	50	04/16/2022 12:03	WG1849454
o-Xylene	0.0196	J	0.00870	0.0500	50	04/16/2022 12:03	WG1849454
m&p-Xylene	1.77		0.0215	0.100	50	04/16/2022 12:03	WG1849454
Xylenes, Total	1.79		0.00870	0.150	50	04/16/2022 12:03	WG1849454
(S) Toluene-d8	*105*			*80.0-120*		*04/16/2022 12:03*	WG1849454
(S) 4-Bromofluorobenzene	*93.9*			*77.0-126*		*04/16/2022 12:03*	WG1849454
(S) 1,2-Dichloroethane-d4	*103*			*70.0-130*		*04/16/2022 12:03*	WG1849454

EDB / DBCP by Method 8011

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Ethylene Dibromide	U		0.00000536	0.0000200	1	04/19/2022 00:45	WG1850030

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	7.53		0.0247	0.100	1	04/27/2022 04:14	WG1854255

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
(S) o-Terphenyl	*56.3*			*31.0-160*		*04/27/2022 04:14*	WG1854255

Semi Volatile Organic Compounds (GC/MS) by Method 8270 C-mod

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,4-Dioxane	U		0.0000447	0.000400	1	04/17/2022 16:47	WG1849044
(S) Nitrobenzene-d5	*66.2*			*10.0-120*		*04/17/2022 16:47*	WG1849044

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acenaphthene	0.00186	J	0.000443	0.00500	5	04/20/2022 18:10	WG1850340
Acenaphthylene	U		0.000461	0.00500	5	04/20/2022 18:10	WG1850340
Acetophenone	U		0.00104	0.0500	5	04/20/2022 18:10	WG1850340
Anthracene	U		0.000402	0.00500	5	04/20/2022 18:10	WG1850340
Atrazine	U		0.00128	0.0500	5	04/20/2022 18:10	WG1850340
Benzo(a)anthracene	U		0.000995	0.00500	5	04/20/2022 18:10	WG1850340
Benzaldehyde	U	J4	0.00845	0.0500	5	04/20/2022 18:10	WG1850340
Benzo(b)fluoranthene	U		0.000650	0.00500	5	04/20/2022 18:10	WG1850340
Benzo(k)fluoranthene	U		0.000600	0.00500	5	04/20/2022 18:10	WG1850340
Benzo(g,h,i)perylene	U		0.000605	0.00500	5	04/20/2022 18:10	WG1850340
Benzo(a)pyrene	U		0.000191	0.00100	5	04/20/2022 18:10	WG1850340
Biphenyl	0.00764	J	0.00395	0.0500	5	04/20/2022 18:10	WG1850340
Bis(2-chlorethoxy)methane	U		0.000580	0.0500	5	04/20/2022 18:10	WG1850340
Bis(2-chloroethyl)ether	U		0.000685	0.0500	5	04/20/2022 18:10	WG1850340
2,2-Oxybis(1-Chloropropane)	U		0.00105	0.0500	5	04/20/2022 18:10	WG1850340
4-Bromophenyl-phenylether	U		0.000439	0.0500	5	04/20/2022 18:10	WG1850340
2-Chloronaphthalene	U		0.000324	0.00500	5	04/20/2022 18:10	WG1850340
4-Chlorophenyl-phenylether	U		0.000463	0.0500	5	04/20/2022 18:10	WG1850340
Caprolactam	U		0.00154	0.0500	5	04/20/2022 18:10	WG1850340
Carbazole	0.00435	J	0.000555	0.0500	5	04/20/2022 18:10	WG1850340
Chrysene	U		0.000650	0.00500	5	04/20/2022 18:10	WG1850340
Dibenz(a,h)anthracene	U		0.000322	0.00100	5	04/20/2022 18:10	WG1850340
Dibenzofuran	0.00579	J	0.000485	0.0500	5	04/20/2022 18:10	WG1850340
3,3-Dichlorobenzidine	U		0.00106	0.0500	5	04/20/2022 18:10	WG1850340
2,4-Dinitrotoluene	U		0.000491	0.0500	5	04/20/2022 18:10	WG1850340
2,6-Dinitrotoluene	U		0.00125	0.0500	5	04/20/2022 18:10	WG1850340
Fluoranthene	U		0.000510	0.00500	5	04/20/2022 18:10	WG1850340
Fluorene	0.00369	J	0.000422	0.00500	5	04/20/2022 18:10	WG1850340
Hexachlorobenzene	U		0.000378	0.00500	5	04/20/2022 18:10	WG1850340
Hexachloro-1,3-butadiene	U		0.000484	0.0500	5	04/20/2022 18:10	WG1850340
Hexachlorocyclopentadiene	U		0.000299	0.0500	5	04/20/2022 18:10	WG1850340
Hexachloroethane	U		0.000635	0.0500	5	04/20/2022 18:10	WG1850340
Indeno(1,2,3-cd)pyrene	U		0.00140	0.00500	5	04/20/2022 18:10	WG1850340
Isophorone	U		0.000715	0.0500	5	04/20/2022 18:10	WG1850340
1-Methylnaphthalene	0.108		0.000395	0.00500	5	04/20/2022 18:10	WG1850340
2-Methylnaphthalene	0.0581		0.000585	0.00500	5	04/20/2022 18:10	WG1850340
Naphthalene	0.161		0.000795	0.00500	5	04/20/2022 18:10	WG1850340
Nitrobenzene	U		0.00148	0.0500	5	04/20/2022 18:10	WG1850340
n-Nitrosodiphenylamine	U		0.0119	0.0500	5	04/20/2022 18:10	WG1850340
n-Nitrosodi-n-propylamine	U		0.00131	0.0500	5	04/20/2022 18:10	WG1850340
Phenanthrene	0.00241	J	0.000560	0.00500	5	04/20/2022 18:10	WG1850340
Benzylbutyl phthalate	U		0.00383	0.0150	5	04/20/2022 18:10	WG1850340
Bis(2-ethylhexyl)phthalate	U		0.00448	0.0150	5	04/20/2022 18:10	WG1850340
Di-n-butyl phthalate	U		0.00227	0.0150	5	04/20/2022 18:10	WG1850340

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Diethyl phthalate	U		0.00143	0.0150	5	04/20/2022 18:10	WG1850340
Dimethyl phthalate	U		0.00130	0.0150	5	04/20/2022 18:10	WG1850340
Di-n-octyl phthalate	U		0.00466	0.0150	5	04/20/2022 18:10	WG1850340
Pyrene	U		0.000535	0.00500	5	04/20/2022 18:10	WG1850340
1,2,4-Trichlorobenzene	U		0.000349	0.0500	5	04/20/2022 18:10	WG1850340
4-Chloro-3-methylphenol	U		0.000655	0.0500	5	04/20/2022 18:10	WG1850340
2-Chlorophenol	U		0.000665	0.0500	5	04/20/2022 18:10	WG1850340
2,4-Dichlorophenol	U		0.000510	0.0500	5	04/20/2022 18:10	WG1850340
2,4-Dimethylphenol	0.0758		0.000318	0.0500	5	04/20/2022 18:10	WG1850340
4,6-Dinitro-2-methylphenol	U		0.00560	0.0500	5	04/20/2022 18:10	WG1850340
2,4-Dinitrophenol	U		0.0297	0.0500	5	04/20/2022 18:10	WG1850340
2-Nitrophenol	U		0.000585	0.0500	5	04/20/2022 18:10	WG1850340
2-Nitroaniline	U		0.000510	0.0500	5	04/20/2022 18:10	WG1850340
2-Methylphenol	U		0.000465	0.0500	5	04/20/2022 18:10	WG1850340
3&4-Methyl Phenol	U		0.000840	0.0500	5	04/20/2022 18:10	WG1850340
3-Nitroaniline	U		0.000435	0.0500	5	04/20/2022 18:10	WG1850340
4-Chloroaniline	U		0.00117	0.0500	5	04/20/2022 18:10	WG1850340
4-Nitroaniline	U		0.000455	0.0500	5	04/20/2022 18:10	WG1850340
4-Nitrophenol	U		0.000715	0.0500	5	04/20/2022 18:10	WG1850340
Pentachlorophenol	U		0.00157	0.0500	5	04/20/2022 18:10	WG1850340
Phenol	U		0.0217	0.0500	5	04/20/2022 18:10	WG1850340
2,4,5-Trichlorophenol	U		0.000545	0.0500	5	04/20/2022 18:10	WG1850340
2,4,6-Trichlorophenol	U		0.000500	0.0500	5	04/20/2022 18:10	WG1850340
(S) 2-Fluorophenol	*36.2*			*10.0-120*		*04/20/2022 18:10*	WG1850340
(S) Phenol-d5	*27.7*			*10.0-120*		*04/20/2022 18:10*	WG1850340
(S) Nitrobenzene-d5	*41.8*			*10.0-127*		*04/20/2022 18:10*	WG1850340
(S) 2-Fluorobiphenyl	*57.4*			*10.0-130*		*04/20/2022 18:10*	WG1850340
(S) 2,4,6-Tribromophenol	*75.8*			*10.0-155*		*04/20/2022 18:10*	WG1850340
(S) p-Terphenyl-d14	*49.8*			*10.0-128*		*04/20/2022 18:10*	WG1850340

Sample Narrative:

L1482377-56 WG1850340: Dilution due to matrix.

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	1560	J3	50.0	1	04/19/2022 18:52	WG1851047

Wet Chemistry by Method 353.2

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	U		1.00	2.00	20	04/20/2022 19:16	WG1851025

Sample Narrative:

L1482377-57 WG1851025: Dilution due to high sulfide hit.

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	287		3.79	10.0	10	04/17/2022 01:05	WG1849614
Fluoride	0.736		0.0640	0.150	1	04/17/2022 00:15	WG1849614
Sulfate	120		5.94	50.0	10	04/17/2022 01:05	WG1849614

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.0692		0.000180	0.00200	1	04/20/2022 19:59	WG1850318
Arsenic,Dissolved	0.0941		0.000180	0.00200	1	04/21/2022 00:13	WG1850291
Barium	0.611		0.000381	0.00200	1	04/20/2022 19:59	WG1850318
Barium,Dissolved	0.793		0.000381	0.00200	1	04/21/2022 00:13	WG1850291
Calcium	212		0.0936	1.00	1	04/20/2022 19:59	WG1850318
Chromium	U		0.00124	0.00200	1	04/20/2022 19:59	WG1850318
Chromium,Dissolved	U		0.00124	0.00200	1	04/21/2022 00:13	WG1850291
Iron	U		0.0281	0.100	1	04/20/2022 19:59	WG1850318
Iron,Dissolved	U		0.0281	0.100	1	04/21/2022 00:13	WG1850291
Lead	U		0.000849	0.00200	1	04/20/2022 19:59	WG1850318
Lead,Dissolved	U		0.000849	0.00200	1	04/21/2022 00:13	WG1850291
Manganese	0.0118		0.000704	0.00500	1	04/20/2022 19:59	WG1850318
Manganese,Dissolved	0.00696		0.000704	0.00500	1	04/21/2022 00:13	WG1850291
Potassium	0.822	J	0.108	2.00	1	04/20/2022 19:59	WG1850318
Selenium	0.000401	J	0.000300	0.00200	1	04/20/2022 19:59	WG1850318
Selenium,Dissolved	U		0.000300	0.00200	1	04/21/2022 00:13	WG1850291
Sodium	171		0.376	2.00	1	04/20/2022 19:59	WG1850318

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	9.56		0.0314	0.100	1	04/18/2022 17:27	WG1850042
(S) a,a,a-Trifluorotoluene(FID)	*87.5*			*78.0-120*		*04/18/2022 17:27*	WG1850042

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.113	0.500	10	04/16/2022 12:24	WG1849454
Benzene	3.20		0.00941	0.100	100	04/20/2022 19:46	WG1851218
Bromodichloromethane	U		0.00136	0.0100	10	04/16/2022 12:24	WG1849454
Bromoform	U		0.00129	0.0100	10	04/16/2022 12:24	WG1849454
Bromomethane	U		0.00605	0.0500	10	04/16/2022 12:24	WG1849454
n-Butylbenzene	0.00922	J	0.00157	0.0100	10	04/16/2022 12:24	WG1849454

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
sec-Butylbenzene	0.0209		0.00125	0.0100	10	04/16/2022 12:24	WG1849454
Carbon disulfide	U		0.000962	0.0100	10	04/16/2022 12:24	WG1849454
Carbon tetrachloride	U		0.00128	0.0100	10	04/16/2022 12:24	WG1849454
Chlorobenzene	U		0.00116	0.0100	10	04/16/2022 12:24	WG1849454
Chlorodibromomethane	U		0.00140	0.0100	10	04/16/2022 12:24	WG1849454
Chloroethane	U		0.00192	0.0500	10	04/16/2022 12:24	WG1849454
Chloroform	U		0.00111	0.0500	10	04/16/2022 12:24	WG1849454
Chloromethane	U		0.00960	0.0250	10	04/16/2022 12:24	WG1849454
1,2-Dibromoethane	U		0.00126	0.0100	10	04/16/2022 12:24	WG1849454
1,1-Dichloroethane	U		0.00100	0.0100	10	04/16/2022 12:24	WG1849454
1,2-Dichloroethane	U		0.000819	0.0100	10	04/16/2022 12:24	WG1849454
1,1-Dichloroethene	U		0.00188	0.0100	10	04/16/2022 12:24	WG1849454
cis-1,2-Dichloroethene	U		0.00126	0.0100	10	04/16/2022 12:24	WG1849454
trans-1,2-Dichloroethene	U		0.00149	0.0100	10	04/16/2022 12:24	WG1849454
1,2-Dichloropropane	U		0.00149	0.0100	10	04/16/2022 12:24	WG1849454
cis-1,3-Dichloropropene	U		0.00111	0.0100	10	04/16/2022 12:24	WG1849454
trans-1,3-Dichloropropene	U		0.00118	0.0100	10	04/16/2022 12:24	WG1849454
Ethylbenzene	0.0108		0.00137	0.0100	10	04/16/2022 12:24	WG1849454
Isopropylbenzene	0.108		0.00105	0.0100	10	04/16/2022 12:24	WG1849454
p-Isopropyltoluene	0.00697	J	0.00120	0.0100	10	04/16/2022 12:24	WG1849454
2-Butanone (MEK)	U		0.0119	0.100	10	04/16/2022 12:24	WG1849454
2-Hexanone	U		0.00787	0.100	10	04/16/2022 12:24	WG1849454
Methylene Chloride	U		0.00430	0.0500	10	04/16/2022 12:24	WG1849454
4-Methyl-2-pentanone (MIBK)	U		0.00478	0.100	10	04/16/2022 12:24	WG1849454
Methyl tert-butyl ether	0.0136		0.00101	0.0100	10	04/16/2022 12:24	WG1849454
Naphthalene	0.0104	J	0.0100	0.0500	10	04/16/2022 12:24	WG1849454
n-Propylbenzene	0.187		0.000993	0.0100	10	04/16/2022 12:24	WG1849454
Styrene	U		0.00118	0.0100	10	04/16/2022 12:24	WG1849454
tert-Butyl alcohol	0.0510		0.0406	0.0500	10	04/16/2022 12:24	WG1849454
1,1,1,2-Tetrachloroethane	U		0.00147	0.0100	10	04/16/2022 12:24	WG1849454
1,1,2,2-Tetrachloroethane	U		0.00133	0.0100	10	04/16/2022 12:24	WG1849454
Tetrachloroethene	U		0.00300	0.0100	10	04/16/2022 12:24	WG1849454
Toluene	U		0.00278	0.0100	10	04/16/2022 12:24	WG1849454
1,1,1-Trichloroethane	U		0.00149	0.0100	10	04/16/2022 12:24	WG1849454
1,1,2-Trichloroethane	U		0.00158	0.0100	10	04/16/2022 12:24	WG1849454
Trichloroethene	0.00996	J	0.00190	0.0100	10	04/16/2022 12:24	WG1849454
1,2,4-Trimethylbenzene	0.0196		0.00322	0.0100	10	04/16/2022 12:24	WG1849454
1,3,5-Trimethylbenzene	0.00482	J	0.00104	0.0100	10	04/16/2022 12:24	WG1849454
Vinyl chloride	U		0.00234	0.0100	10	04/16/2022 12:24	WG1849454
o-Xylene	U		0.00174	0.0100	10	04/16/2022 12:24	WG1849454
m&p-Xylene	0.0187	J	0.00430	0.0200	10	04/16/2022 12:24	WG1849454
Xylenes, Total	0.0187	J	0.00174	0.0300	10	04/16/2022 12:24	WG1849454
(S) Toluene-d8	*105*			*80.0-120*		*04/16/2022 12:24*	WG1849454
(S) Toluene-d8	*112*			*80.0-120*		*04/20/2022 19:46*	WG1851218
(S) 4-Bromofluorobenzene	*103*			*77.0-126*		*04/16/2022 12:24*	WG1849454
(S) 4-Bromofluorobenzene	*96.2*			*77.0-126*		*04/20/2022 19:46*	WG1851218
(S) 1,2-Dichloroethane-d4	*98.5*			*70.0-130*		*04/16/2022 12:24*	WG1849454
(S) 1,2-Dichloroethane-d4	*88.3*			*70.0-130*		*04/20/2022 19:46*	WG1851218

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	9.22		0.0247	0.100	1	04/27/2022 04:37	WG1854255
(S) o-Terphenyl	*163*	J1		*31.0-160*		*04/27/2022 04:37*	WG1854255

Sample Narrative:

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	

L1482377-57 WG1854255: Surrogate failure due to matrix interference

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	2330		50.0	1	04/19/2022 18:52	WG1851047

Wet Chemistry by Method 353.2

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	U		0.500	1.00	10	04/20/2022 19:18	WG1851025

Sample Narrative:

L1482377-58 WG1851025: Dilution due to high sulfide hit.

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	138	B	37.9	100	100	04/17/2022 01:37	WG1849614
Fluoride	1.14		0.0640	0.150	1	04/17/2022 01:21	WG1849614
Sulfate	1310		59.4	500	100	04/17/2022 01:37	WG1849614

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00436		0.000180	0.00200	1	04/20/2022 20:02	WG1850318
Arsenic,Dissolved	0.00460		0.000180	0.00200	1	04/21/2022 00:26	WG1850291
Barium	0.0129		0.000381	0.00200	1	04/20/2022 20:02	WG1850318
Barium,Dissolved	0.0121		0.000381	0.00200	1	04/21/2022 00:26	WG1850291
Calcium	245		0.0936	1.00	1	04/20/2022 20:02	WG1850318
Chromium	0.0570		0.00124	0.00200	1	04/20/2022 20:02	WG1850318
Chromium,Dissolved	0.0149		0.00124	0.00200	1	04/22/2022 18:23	WG1852739
Iron	0.244		0.0281	0.100	1	04/20/2022 20:02	WG1850318
Iron,Dissolved	0.0545	J	0.0281	0.100	1	04/21/2022 00:26	WG1850291
Lead	U		0.000849	0.00200	1	04/20/2022 20:02	WG1850318
Lead,Dissolved	U		0.000849	0.00200	1	04/21/2022 00:26	WG1850291
Manganese	0.731		0.000704	0.00500	1	04/20/2022 20:02	WG1850318
Manganese,Dissolved	0.776		0.000704	0.00500	1	04/21/2022 00:26	WG1850291
Potassium	0.499	J	0.108	2.00	1	04/20/2022 20:02	WG1850318
Selenium	0.000375	J	0.000300	0.00200	1	04/20/2022 20:02	WG1850318
Selenium,Dissolved	U		0.000300	0.00200	1	04/21/2022 00:26	WG1850291
Sodium	320		0.376	2.00	1	04/20/2022 20:02	WG1850318

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	0.540		0.0314	0.100	1	04/18/2022 17:50	WG1850042
(S) a,a,a-Trifluorotoluene(FID)	*98.2*			*78.0-120*		*04/18/2022 17:50*	WG1850042

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/16/2022 10:21	WG1849454
Benzene	0.00899		0.0000941	0.00100	1	04/16/2022 10:21	WG1849454
Bromodichloromethane	U		0.000136	0.00100	1	04/16/2022 10:21	WG1849454
Bromoform	U		0.000129	0.00100	1	04/16/2022 10:21	WG1849454
Bromomethane	U		0.000605	0.00500	1	04/16/2022 10:21	WG1849454
n-Butylbenzene	U		0.000157	0.00100	1	04/16/2022 10:21	WG1849454

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
sec-Butylbenzene	0.00826		0.000125	0.00100	1	04/16/2022 10:21	WG1849454
Carbon disulfide	0.000915	J	0.0000962	0.00100	1	04/16/2022 10:21	WG1849454
Carbon tetrachloride	U		0.000128	0.00100	1	04/16/2022 10:21	WG1849454
Chlorobenzene	U		0.000116	0.00100	1	04/16/2022 10:21	WG1849454
Chlorodibromomethane	U		0.000140	0.00100	1	04/16/2022 10:21	WG1849454
Chloroethane	U		0.000192	0.00500	1	04/16/2022 10:21	WG1849454
Chloroform	U		0.000111	0.00500	1	04/16/2022 10:21	WG1849454
Chloromethane	U		0.000960	0.00250	1	04/16/2022 10:21	WG1849454
1,2-Dibromoethane	U		0.000126	0.00100	1	04/16/2022 10:21	WG1849454
1,1-Dichloroethane	U		0.000100	0.00100	1	04/16/2022 10:21	WG1849454
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/16/2022 10:21	WG1849454
1,1-Dichloroethene	U		0.000188	0.00100	1	04/16/2022 10:21	WG1849454
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/16/2022 10:21	WG1849454
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/16/2022 10:21	WG1849454
1,2-Dichloropropane	U		0.000149	0.00100	1	04/16/2022 10:21	WG1849454
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/16/2022 10:21	WG1849454
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/16/2022 10:21	WG1849454
Ethylbenzene	0.000161	J	0.000137	0.00100	1	04/16/2022 10:21	WG1849454
Isopropylbenzene	0.0173		0.000105	0.00100	1	04/16/2022 10:21	WG1849454
p-Isopropyltoluene	U		0.000120	0.00100	1	04/16/2022 10:21	WG1849454
2-Butanone (MEK)	U		0.00119	0.0100	1	04/16/2022 10:21	WG1849454
2-Hexanone	U		0.000787	0.0100	1	04/16/2022 10:21	WG1849454
Methylene Chloride	U		0.000430	0.00500	1	04/16/2022 10:21	WG1849454
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/16/2022 10:21	WG1849454
Methyl tert-butyl ether	0.00398		0.000101	0.00100	1	04/16/2022 10:21	WG1849454
Naphthalene	U		0.00100	0.00500	1	04/16/2022 10:21	WG1849454
n-Propylbenzene	0.00171		0.0000993	0.00100	1	04/16/2022 10:21	WG1849454
Styrene	U		0.000118	0.00100	1	04/16/2022 10:21	WG1849454
tert-Butyl alcohol	0.0366		0.00406	0.00500	1	04/16/2022 10:21	WG1849454
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/16/2022 10:21	WG1849454
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/16/2022 10:21	WG1849454
Tetrachloroethene	U		0.000300	0.00100	1	04/16/2022 10:21	WG1849454
Toluene	0.000648	J	0.000278	0.00100	1	04/16/2022 10:21	WG1849454
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/16/2022 10:21	WG1849454
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/16/2022 10:21	WG1849454
Trichloroethene	U		0.000190	0.00100	1	04/16/2022 10:21	WG1849454
1,2,4-Trimethylbenzene	0.000892	J	0.000322	0.00100	1	04/16/2022 10:21	WG1849454
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/16/2022 10:21	WG1849454
Vinyl chloride	U		0.000234	0.00100	1	04/16/2022 10:21	WG1849454
o-Xylene	0.000260	J	0.000174	0.00100	1	04/16/2022 10:21	WG1849454
m&p-Xylene	0.000995	J	0.000430	0.00200	1	04/16/2022 10:21	WG1849454
Xylenes, Total	0.00126	J	0.000174	0.00300	1	04/16/2022 10:21	WG1849454
(S) Toluene-d8	*99.4*			*80.0-120*		*04/16/2022 10:21*	WG1849454
(S) 4-Bromofluorobenzene	*98.3*			*77.0-126*		*04/16/2022 10:21*	WG1849454
(S) 1,2-Dichloroethane-d4	*99.7*			*70.0-130*		*04/16/2022 10:21*	WG1849454

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	2.74		0.0247	0.100	1	04/27/2022 17:00	WG1854255
(S) o-Terphenyl	*129*			*31.0-160*		*04/27/2022 17:00*	WG1854255

TLL-4
Collected date/time: 04/12/22 09:25
L1482377

Semi Volatile Organic Compounds (GC/MS) by Method 8270 C-mod

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
1,4-Dioxane	U		0.0000447	0.000400	1	04/17/2022 17:06	WG1849044
(S) Nitrobenzene-d5	*72.2*			*10.0-120*		*04/17/2022 17:06*	WG1849044

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	2490		50.0	1	04/19/2022 18:10	WG1851013
Dissolved Solids	3190	Q	50.0	1	05/08/2022 03:19	WG1860459

Wet Chemistry by Method 353.2

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	U		2.50	5.00	50	04/20/2022 19:19	WG1851025

Sample Narrative:

L1482377-59 WG1851025: Dilution due to high sulfide hit.

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	187	B	37.9	100	100	04/17/2022 02:10	WG1849614
Fluoride	1.70		0.0640	0.150	1	04/17/2022 01:54	WG1849614
Sulfate	1590		59.4	500	100	04/17/2022 02:10	WG1849614

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00131	J	0.000180	0.00200	1	04/20/2022 20:05	WG1850318
Arsenic,Dissolved	0.00142	J	0.000180	0.00200	1	04/21/2022 00:29	WG1850291
Barium	0.0162		0.000381	0.00200	1	04/20/2022 20:05	WG1850318
Barium,Dissolved	0.0159		0.000381	0.00200	1	04/21/2022 00:29	WG1850291
Calcium	484		0.0936	1.00	1	04/20/2022 20:05	WG1850318
Chromium	U		0.00124	0.00200	1	04/20/2022 20:05	WG1850318
Chromium,Dissolved	0.00185	B J	0.00124	0.00200	1	04/21/2022 00:29	WG1850291
Iron	U		0.0281	0.100	1	04/20/2022 20:05	WG1850318
Iron,Dissolved	U		0.0281	0.100	1	04/21/2022 00:29	WG1850291
Lead	0.00563		0.000849	0.00200	1	04/20/2022 20:05	WG1850318
Lead,Dissolved	0.00501		0.000849	0.00200	1	04/21/2022 00:29	WG1850291
Manganese	0.0149		0.000704	0.00500	1	04/20/2022 20:05	WG1850318
Manganese,Dissolved	0.0127		0.000704	0.00500	1	04/21/2022 00:29	WG1850291
Potassium	0.222	J	0.108	2.00	1	04/20/2022 20:05	WG1850318
Selenium	U		0.000300	0.00200	1	04/20/2022 20:05	WG1850318
Selenium,Dissolved	0.000321	J	0.000300	0.00200	1	04/21/2022 00:29	WG1850291
Sodium	156		0.376	2.00	1	04/20/2022 20:05	WG1850318

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	16.5		0.628	2.00	20	04/18/2022 22:11	WG1850042
(S) a,a,a-Trifluorotoluene(FID)	*96.1*			*78.0-120*		*04/18/2022 22:11*	WG1850042

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.565	2.50	50	04/16/2022 12:44	WG1849454
Benzene	0.910		0.00471	0.0500	50	04/16/2022 12:44	WG1849454
Bromodichloromethane	U		0.00680	0.0500	50	04/16/2022 12:44	WG1849454
Bromoform	U		0.00645	0.0500	50	04/16/2022 12:44	WG1849454
Bromomethane	U		0.0303	0.250	50	04/16/2022 12:44	WG1849454

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
n-Butylbenzene	0.0253	J	0.00785	0.0500	50	04/16/2022 12:44	WG1849454
sec-Butylbenzene	0.0218	J	0.00625	0.0500	50	04/16/2022 12:44	WG1849454
Carbon disulfide	U		0.00481	0.0500	50	04/16/2022 12:44	WG1849454
Carbon tetrachloride	U		0.00640	0.0500	50	04/16/2022 12:44	WG1849454
Chlorobenzene	U		0.00580	0.0500	50	04/16/2022 12:44	WG1849454
Chlorodibromomethane	U		0.00700	0.0500	50	04/16/2022 12:44	WG1849454
Chloroethane	U		0.00960	0.250	50	04/16/2022 12:44	WG1849454
Chloroform	U		0.00555	0.250	50	04/16/2022 12:44	WG1849454
Chloromethane	U		0.0480	0.125	50	04/16/2022 12:44	WG1849454
1,2-Dibromoethane	U		0.00630	0.0500	50	04/16/2022 12:44	WG1849454
1,1-Dichloroethane	U		0.00500	0.0500	50	04/16/2022 12:44	WG1849454
1,2-Dichloroethane	U		0.00409	0.0500	50	04/16/2022 12:44	WG1849454
1,1-Dichloroethene	U		0.00940	0.0500	50	04/16/2022 12:44	WG1849454
cis-1,2-Dichloroethene	U		0.00630	0.0500	50	04/16/2022 12:44	WG1849454
trans-1,2-Dichloroethene	U		0.00745	0.0500	50	04/16/2022 12:44	WG1849454
1,2-Dichloropropane	U		0.00745	0.0500	50	04/16/2022 12:44	WG1849454
cis-1,3-Dichloropropene	U		0.00555	0.0500	50	04/16/2022 12:44	WG1849454
trans-1,3-Dichloropropene	U		0.00590	0.0500	50	04/16/2022 12:44	WG1849454
Ethylbenzene	0.660		0.00685	0.0500	50	04/16/2022 12:44	WG1849454
Isopropylbenzene	0.0897		0.00525	0.0500	50	04/16/2022 12:44	WG1849454
p-Isopropyltoluene	0.0312	J	0.00600	0.0500	50	04/16/2022 12:44	WG1849454
2-Butanone (MEK)	U		0.0595	0.500	50	04/16/2022 12:44	WG1849454
2-Hexanone	U		0.0394	0.500	50	04/16/2022 12:44	WG1849454
Methylene Chloride	U		0.0215	0.250	50	04/16/2022 12:44	WG1849454
4-Methyl-2-pentanone (MIBK)	U		0.0239	0.500	50	04/16/2022 12:44	WG1849454
Methyl tert-butyl ether	U		0.00505	0.0500	50	04/16/2022 12:44	WG1849454
Naphthalene	0.238	J	0.0500	0.250	50	04/16/2022 12:44	WG1849454
n-Propylbenzene	0.139		0.00497	0.0500	50	04/16/2022 12:44	WG1849454
Styrene	U		0.00590	0.0500	50	04/16/2022 12:44	WG1849454
tert-Butyl alcohol	U		0.203	0.250	50	04/16/2022 12:44	WG1849454
1,1,1,2-Tetrachloroethane	U		0.00735	0.0500	50	04/16/2022 12:44	WG1849454
1,1,2,2-Tetrachloroethane	U		0.00665	0.0500	50	04/16/2022 12:44	WG1849454
Tetrachloroethene	U		0.0150	0.0500	50	04/16/2022 12:44	WG1849454
Toluene	0.194		0.0139	0.0500	50	04/16/2022 12:44	WG1849454
1,1,1-Trichloroethane	U		0.00745	0.0500	50	04/16/2022 12:44	WG1849454
1,1,2-Trichloroethane	U		0.00790	0.0500	50	04/16/2022 12:44	WG1849454
Trichloroethene	U		0.00950	0.0500	50	04/16/2022 12:44	WG1849454
1,2,4-Trimethylbenzene	0.437		0.0161	0.0500	50	04/16/2022 12:44	WG1849454
1,3,5-Trimethylbenzene	0.109		0.00520	0.0500	50	04/16/2022 12:44	WG1849454
Vinyl chloride	U		0.0117	0.0500	50	04/16/2022 12:44	WG1849454
o-Xylene	0.0282	J	0.00870	0.0500	50	04/16/2022 12:44	WG1849454
m&p-Xylene	1.66		0.0215	0.100	50	04/16/2022 12:44	WG1849454
Xylenes, Total	1.69		0.00870	0.150	50	04/16/2022 12:44	WG1849454
(S) Toluene-d8	*109*			*80.0-120*		*04/16/2022 12:44*	WG1849454
(S) 4-Bromofluorobenzene	*101*			*77.0-126*		*04/16/2022 12:44*	WG1849454
(S) 1,2-Dichloroethane-d4	*97.1*			*70.0-130*		*04/16/2022 12:44*	WG1849454

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	5.19		0.0247	0.100	1	04/27/2022 09:45	WG1854255
(S) o-Terphenyl	*118*			*31.0-160*		*04/27/2022 09:45*	WG1854255

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	3100		50.0	1	04/19/2022 18:10	WG1851013
Dissolved Solids	3770	Q	50.0	1	05/08/2022 03:19	WG1860459

Wet Chemistry by Method 353.2

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	14.7		0.500	1.00	10	04/20/2022 19:20	WG1851025

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	699		37.9	100	100	04/17/2022 02:43	WG1849614
Fluoride	0.722		0.0640	0.150	1	04/17/2022 02:27	WG1849614
Sulfate	1120		59.4	500	100	04/17/2022 02:43	WG1849614

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00733		0.000180	0.00200	1	04/20/2022 20:09	WG1850318
Arsenic,Dissolved	0.00753		0.000180	0.00200	1	04/21/2022 00:32	WG1850291
Barium	0.0195		0.000381	0.00200	1	04/20/2022 20:09	WG1850318
Barium,Dissolved	0.0194		0.000381	0.00200	1	04/21/2022 00:32	WG1850291
Calcium	265		0.0936	1.00	1	04/20/2022 20:09	WG1850318
Chromium	U		0.00124	0.00200	1	04/20/2022 20:09	WG1850318
Chromium,Dissolved	U		0.00124	0.00200	1	04/22/2022 18:27	WG1852739
Iron	0.116		0.0281	0.100	1	04/20/2022 20:09	WG1850318
Iron,Dissolved	0.247		0.0281	0.100	1	04/21/2022 00:32	WG1850291
Lead	U		0.000849	0.00200	1	04/20/2022 20:09	WG1850318
Lead,Dissolved	U		0.000849	0.00200	1	04/21/2022 00:32	WG1850291
Manganese	0.143		0.000704	0.00500	1	04/20/2022 20:09	WG1850318
Manganese,Dissolved	0.195		0.000704	0.00500	1	04/21/2022 00:32	WG1850291
Potassium	0.452	J	0.108	2.00	1	04/20/2022 20:09	WG1850318
Selenium	0.000333	J	0.000300	0.00200	1	04/20/2022 20:09	WG1850318
Selenium,Dissolved	0.000334	J	0.000300	0.00200	1	04/21/2022 00:32	WG1850291
Sodium	425		0.376	2.00	1	04/20/2022 20:09	WG1850318

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	0.323		0.0314	0.100	1	04/18/2022 18:14	WG1850042
(S) a,a,a-Trifluorotoluene(FID)	*95.7*			*78.0-120*		*04/18/2022 18:14*	WG1850042

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0565	0.250	5	04/16/2022 13:05	WG1849454
Benzene	0.00757		0.000471	0.00500	5	04/16/2022 13:05	WG1849454
Bromodichloromethane	U		0.000680	0.00500	5	04/16/2022 13:05	WG1849454
Bromoform	U		0.000645	0.00500	5	04/16/2022 13:05	WG1849454
Bromomethane	U		0.00303	0.0250	5	04/16/2022 13:05	WG1849454
n-Butylbenzene	U		0.000785	0.00500	5	04/16/2022 13:05	WG1849454
sec-Butylbenzene	0.00467	J	0.000625	0.00500	5	04/16/2022 13:05	WG1849454
Carbon disulfide	U		0.000481	0.00500	5	04/16/2022 13:05	WG1849454

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Carbon tetrachloride	U		0.000640	0.00500	5	04/16/2022 13:05	WG1849454
Chlorobenzene	U		0.000580	0.00500	5	04/16/2022 13:05	WG1849454
Chlorodibromomethane	U		0.000700	0.00500	5	04/16/2022 13:05	WG1849454
Chloroethane	U		0.000960	0.0250	5	04/16/2022 13:05	WG1849454
Chloroform	U		0.000555	0.0250	5	04/16/2022 13:05	WG1849454
Chloromethane	U		0.00480	0.0125	5	04/16/2022 13:05	WG1849454
1,2-Dibromoethane	U		0.000630	0.00500	5	04/16/2022 13:05	WG1849454
1,1-Dichloroethane	U		0.000500	0.00500	5	04/16/2022 13:05	WG1849454
1,2-Dichloroethane	0.000571	J	0.000409	0.00500	5	04/16/2022 13:05	WG1849454
1,1-Dichloroethene	U		0.000940	0.00500	5	04/16/2022 13:05	WG1849454
cis-1,2-Dichloroethene	U		0.000630	0.00500	5	04/16/2022 13:05	WG1849454
trans-1,2-Dichloroethene	U		0.000745	0.00500	5	04/16/2022 13:05	WG1849454
1,2-Dichloropropane	U		0.000745	0.00500	5	04/16/2022 13:05	WG1849454
cis-1,3-Dichloropropene	U		0.000555	0.00500	5	04/16/2022 13:05	WG1849454
trans-1,3-Dichloropropene	U		0.000590	0.00500	5	04/16/2022 13:05	WG1849454
Ethylbenzene	0.00241	J	0.000685	0.00500	5	04/16/2022 13:05	WG1849454
Isopropylbenzene	0.0206		0.000525	0.00500	5	04/16/2022 13:05	WG1849454
p-Isopropyltoluene	0.00190	J	0.000600	0.00500	5	04/16/2022 13:05	WG1849454
2-Butanone (MEK)	U		0.00595	0.0500	5	04/16/2022 13:05	WG1849454
2-Hexanone	U		0.00394	0.0500	5	04/16/2022 13:05	WG1849454
Methylene Chloride	U		0.00215	0.0250	5	04/16/2022 13:05	WG1849454
4-Methyl-2-pentanone (MIBK)	U		0.00239	0.0500	5	04/16/2022 13:05	WG1849454
Methyl tert-butyl ether	0.0413		0.000505	0.00500	5	04/16/2022 13:05	WG1849454
Naphthalene	U		0.00500	0.0250	5	04/16/2022 13:05	WG1849454
n-Propylbenzene	0.00796		0.000497	0.00500	5	04/16/2022 13:05	WG1849454
Styrene	U		0.000590	0.00500	5	04/16/2022 13:05	WG1849454
tert-Butyl alcohol	0.0669		0.0203	0.0250	5	04/16/2022 13:05	WG1849454
1,1,1,2-Tetrachloroethane	U		0.000735	0.00500	5	04/16/2022 13:05	WG1849454
1,1,2,2-Tetrachloroethane	U		0.000665	0.00500	5	04/16/2022 13:05	WG1849454
Tetrachloroethene	U		0.00150	0.00500	5	04/16/2022 13:05	WG1849454
Toluene	U		0.00139	0.00500	5	04/16/2022 13:05	WG1849454
1,1,1-Trichloroethane	U		0.000745	0.00500	5	04/16/2022 13:05	WG1849454
1,1,2-Trichloroethane	U		0.000790	0.00500	5	04/16/2022 13:05	WG1849454
Trichloroethene	U		0.000950	0.00500	5	04/16/2022 13:05	WG1849454
1,2,4-Trimethylbenzene	0.00908		0.00161	0.00500	5	04/16/2022 13:05	WG1849454
1,3,5-Trimethylbenzene	0.00238	J	0.000520	0.00500	5	04/16/2022 13:05	WG1849454
Vinyl chloride	U		0.00117	0.00500	5	04/16/2022 13:05	WG1849454
o-Xylene	U		0.000870	0.00500	5	04/16/2022 13:05	WG1849454
m&p-Xylene	0.0187		0.00215	0.0100	5	04/16/2022 13:05	WG1849454
Xylenes, Total	0.0187		0.000870	0.0150	5	04/16/2022 13:05	WG1849454
(S) Toluene-d8	*107*			*80.0-120*		*04/16/2022 13:05*	WG1849454
(S) 4-Bromofluorobenzene	*97.2*			*77.0-126*		*04/16/2022 13:05*	WG1849454
(S) 1,2-Dichloroethane-d4	*101*			*70.0-130*		*04/16/2022 13:05*	WG1849454

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	3.00		0.0247	0.100	1	04/27/2022 21:19	WG1854255
(S) o-Terphenyl	*125*			*31.0-160*		*04/27/2022 21:19*	WG1854255

Semi Volatile Organic Compounds (GC/MS) by Method 8270 C-mod

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,4-Dioxane	0.000880		0.0000447	0.000400	1	04/17/2022 17:25	WG1849044
(S) Nitrobenzene-d5	*47.6*			*10.0-120*		*04/17/2022 17:25*	WG1849044

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Dissolved Solids	3190		50.0	1	04/19/2022 18:52	WG1851047

Wet Chemistry by Method 353.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Nitrate-Nitrite	U		0.0500	0.100	1	04/20/2022 19:22	WG1851025

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Chloride	571		37.9	100	100	04/17/2022 03:16	WG1849614
Fluoride	1.68		0.0640	0.150	1	04/17/2022 02:59	WG1849614
Sulfate	1720		59.4	500	100	04/17/2022 03:16	WG1849614

Metals (ICPMS) by Method 6020

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Arsenic	0.0110		0.000180	0.00200	1	04/20/2022 20:12	WG1850318
Arsenic,Dissolved	0.00923		0.000180	0.00200	1	04/21/2022 00:36	WG1850291
Barium	0.0179		0.000381	0.00200	1	04/20/2022 20:12	WG1850318
Barium,Dissolved	0.0189		0.000381	0.00200	1	04/21/2022 00:36	WG1850291
Calcium	378		0.0936	1.00	1	04/20/2022 20:12	WG1850318
Chromium	U		0.00124	0.00200	1	04/20/2022 20:12	WG1850318
Chromium,Dissolved	U		0.00124	0.00200	1	04/22/2022 18:30	WG1852739
Iron	0.801		0.0281	0.100	1	04/20/2022 20:12	WG1850318
Iron,Dissolved	0.373		0.0281	0.100	1	04/21/2022 00:36	WG1850291
Lead	U		0.000849	0.00200	1	04/20/2022 20:12	WG1850318
Lead,Dissolved	U		0.000849	0.00200	1	04/21/2022 00:36	WG1850291
Manganese	0.385		0.000704	0.00500	1	04/20/2022 20:12	WG1850318
Manganese,Dissolved	0.381		0.000704	0.00500	1	04/21/2022 00:36	WG1850291
Potassium	2.14		0.108	2.00	1	04/20/2022 20:12	WG1850318
Selenium	0.00481		0.000300	0.00200	1	04/20/2022 20:12	WG1850318
Selenium,Dissolved	0.00397		0.000300	0.00200	1	04/21/2022 00:36	WG1850291
Sodium	317		0.376	2.00	1	04/20/2022 20:12	WG1850318

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
TPH (GC/FID) Low Fraction	U		0.0314	0.100	1	04/18/2022 18:38	WG1850042
(S) a,a,a-Trifluorotoluene(FID)	*99.0*			*78.0-120*		*04/18/2022 18:38*	WG1850042

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Acetone	U		0.0113	0.0500	1	04/16/2022 10:41	WG1849454
Benzene	U		0.0000941	0.00100	1	04/16/2022 10:41	WG1849454
Bromodichloromethane	U		0.000136	0.00100	1	04/16/2022 10:41	WG1849454
Bromoform	U		0.000129	0.00100	1	04/16/2022 10:41	WG1849454
Bromomethane	U		0.000605	0.00500	1	04/16/2022 10:41	WG1849454
n-Butylbenzene	U		0.000157	0.00100	1	04/16/2022 10:41	WG1849454
sec-Butylbenzene	U		0.000125	0.00100	1	04/16/2022 10:41	WG1849454
Carbon disulfide	U		0.0000962	0.00100	1	04/16/2022 10:41	WG1849454
Carbon tetrachloride	U		0.000128	0.00100	1	04/16/2022 10:41	WG1849454

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chlorobenzene	U		0.000116	0.00100	1	04/16/2022 10:41	WG1849454
Chlorodibromomethane	U		0.000140	0.00100	1	04/16/2022 10:41	WG1849454
Chloroethane	U		0.000192	0.00500	1	04/16/2022 10:41	WG1849454
Chloroform	U		0.000111	0.00500	1	04/16/2022 10:41	WG1849454
Chloromethane	U		0.000960	0.00250	1	04/16/2022 10:41	WG1849454
1,2-Dibromoethane	U		0.000126	0.00100	1	04/16/2022 10:41	WG1849454
1,1-Dichloroethane	U		0.000100	0.00100	1	04/16/2022 10:41	WG1849454
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/16/2022 10:41	WG1849454
1,1-Dichloroethene	U		0.000188	0.00100	1	04/16/2022 10:41	WG1849454
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/16/2022 10:41	WG1849454
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/16/2022 10:41	WG1849454
1,2-Dichloropropane	U		0.000149	0.00100	1	04/16/2022 10:41	WG1849454
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/16/2022 10:41	WG1849454
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/16/2022 10:41	WG1849454
Ethylbenzene	U		0.000137	0.00100	1	04/16/2022 10:41	WG1849454
Isopropylbenzene	0.000234	J	0.000105	0.00100	1	04/16/2022 10:41	WG1849454
p-Isopropyltoluene	U		0.000120	0.00100	1	04/16/2022 10:41	WG1849454
2-Butanone (MEK)	U		0.00119	0.0100	1	04/16/2022 10:41	WG1849454
2-Hexanone	U		0.000787	0.0100	1	04/16/2022 10:41	WG1849454
Methylene Chloride	U		0.000430	0.00500	1	04/16/2022 10:41	WG1849454
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/16/2022 10:41	WG1849454
Methyl tert-butyl ether	0.00436		0.000101	0.00100	1	04/16/2022 10:41	WG1849454
Naphthalene	U		0.00100	0.00500	1	04/16/2022 10:41	WG1849454
n-Propylbenzene	U		0.0000993	0.00100	1	04/16/2022 10:41	WG1849454
Styrene	U		0.000118	0.00100	1	04/16/2022 10:41	WG1849454
tert-Butyl alcohol	0.00480	J	0.00406	0.00500	1	04/16/2022 10:41	WG1849454
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/16/2022 10:41	WG1849454
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/16/2022 10:41	WG1849454
Tetrachloroethene	U		0.000300	0.00100	1	04/16/2022 10:41	WG1849454
Toluene	U		0.000278	0.00100	1	04/16/2022 10:41	WG1849454
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/16/2022 10:41	WG1849454
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/16/2022 10:41	WG1849454
Trichloroethene	U		0.000190	0.00100	1	04/16/2022 10:41	WG1849454
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/16/2022 10:41	WG1849454
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/16/2022 10:41	WG1849454
Vinyl chloride	U		0.000234	0.00100	1	04/16/2022 10:41	WG1849454
o-Xylene	U		0.000174	0.00100	1	04/16/2022 10:41	WG1849454
m&p-Xylene	U		0.000430	0.00200	1	04/16/2022 10:41	WG1849454
Xylenes, Total	U		0.000174	0.00300	1	04/16/2022 10:41	WG1849454
(S) Toluene-d8	*102*			*80.0-120*		*04/16/2022 10:41*	WG1849454
(S) 4-Bromofluorobenzene	*98.3*			*77.0-126*		*04/16/2022 10:41*	WG1849454
(S) 1,2-Dichloroethane-d4	*103*			*70.0-130*		*04/16/2022 10:41*	WG1849454

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	4.53		0.0247	0.100	1	04/27/2022 21:43	WG1854255
(S) o-Terphenyl	*107*			*31.0-160*		*04/27/2022 21:43*	WG1854255

Semi Volatile Organic Compounds (GC/MS) by Method 8270 C-mod

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,4-Dioxane	0.000477		0.0000447	0.000400	1	04/17/2022 17:44	WG1849044
(S) Nitrobenzene-d5	*50.7*			*10.0-120*		*04/17/2022 17:44*	WG1849044

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	2130		50.0	1	04/19/2022 18:52	WG1851047

Wet Chemistry by Method 353.2

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	U		0.500	1.00	10	04/20/2022 21:45	WG1851464

Sample Narrative:

L1482377-62 WG1851464: Dilution due to sulfide hit.

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	132	B	19.0	50.0	50	04/17/2022 04:22	WG1849614
Fluoride	1.13		0.0640	0.150	1	04/17/2022 03:32	WG1849614
Sulfate	1300		29.7	250	50	04/17/2022 04:22	WG1849614

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00437		0.000180	0.00200	1	04/20/2022 20:15	WG1850318
Arsenic,Dissolved	0.00437		0.000180	0.00200	1	04/21/2022 00:39	WG1850291
Barium	0.0118		0.000381	0.00200	1	04/20/2022 20:15	WG1850318
Barium,Dissolved	0.0129		0.000381	0.00200	1	04/21/2022 00:39	WG1850291
Calcium	242		0.0936	1.00	1	04/20/2022 20:15	WG1850318
Chromium	0.111		0.00124	0.00200	1	04/20/2022 20:15	WG1850318
Chromium,Dissolved	0.0157		0.00124	0.00200	1	04/22/2022 18:33	WG1852739
Iron	0.423		0.0281	0.100	1	04/20/2022 20:15	WG1850318
Iron,Dissolved	0.0544	J	0.0281	0.100	1	04/21/2022 00:39	WG1850291
Lead	U		0.000849	0.00200	1	04/20/2022 20:15	WG1850318
Lead,Dissolved	U		0.000849	0.00200	1	04/21/2022 00:39	WG1850291
Manganese	0.746		0.000704	0.00500	1	04/20/2022 20:15	WG1850318
Manganese,Dissolved	0.776		0.000704	0.00500	1	04/21/2022 00:39	WG1850291
Potassium	0.508	J	0.108	2.00	1	04/20/2022 20:15	WG1850318
Selenium	U		0.000300	0.00200	1	04/20/2022 20:15	WG1850318
Selenium,Dissolved	U		0.000300	0.00200	1	04/21/2022 00:39	WG1850291
Sodium	326		0.376	2.00	1	04/20/2022 20:15	WG1850318

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	0.292		0.0314	0.100	1	04/18/2022 19:02	WG1850042
(S) a,a,a-Trifluorotoluene(FID)	*99.7*			*78.0-120*		*04/18/2022 19:02*	WG1850042

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0565	0.250	5	04/16/2022 13:25	WG1849454
Benzene	0.0102		0.000471	0.00500	5	04/16/2022 13:25	WG1849454
Bromodichloromethane	U		0.000680	0.00500	5	04/16/2022 13:25	WG1849454
Bromoform	U		0.000645	0.00500	5	04/16/2022 13:25	WG1849454
Bromomethane	U		0.00303	0.0250	5	04/16/2022 13:25	WG1849454
n-Butylbenzene	U		0.000785	0.00500	5	04/16/2022 13:25	WG1849454

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
sec-Butylbenzene	0.00813		0.000625	0.00500	5	04/16/2022 13:25	WG1849454
Carbon disulfide	U		0.000481	0.00500	5	04/16/2022 13:25	WG1849454
Carbon tetrachloride	U		0.000640	0.00500	5	04/16/2022 13:25	WG1849454
Chlorobenzene	U		0.000580	0.00500	5	04/16/2022 13:25	WG1849454
Chlorodibromomethane	U		0.000700	0.00500	5	04/16/2022 13:25	WG1849454
Chloroethane	U		0.000960	0.0250	5	04/16/2022 13:25	WG1849454
Chloroform	U		0.000555	0.0250	5	04/16/2022 13:25	WG1849454
Chloromethane	U		0.00480	0.0125	5	04/16/2022 13:25	WG1849454
1,2-Dibromoethane	U		0.000630	0.00500	5	04/16/2022 13:25	WG1849454
1,1-Dichloroethane	U		0.000500	0.00500	5	04/16/2022 13:25	WG1849454
1,2-Dichloroethane	U		0.000409	0.00500	5	04/16/2022 13:25	WG1849454
1,1-Dichloroethene	U		0.000940	0.00500	5	04/16/2022 13:25	WG1849454
cis-1,2-Dichloroethene	U		0.000630	0.00500	5	04/16/2022 13:25	WG1849454
trans-1,2-Dichloroethene	U		0.000745	0.00500	5	04/16/2022 13:25	WG1849454
1,2-Dichloropropane	U		0.000745	0.00500	5	04/16/2022 13:25	WG1849454
cis-1,3-Dichloropropene	U		0.000555	0.00500	5	04/16/2022 13:25	WG1849454
trans-1,3-Dichloropropene	U		0.000590	0.00500	5	04/16/2022 13:25	WG1849454
Ethylbenzene	U		0.000685	0.00500	5	04/16/2022 13:25	WG1849454
Isopropylbenzene	0.0183		0.000525	0.00500	5	04/16/2022 13:25	WG1849454
p-Isopropyltoluene	U		0.000600	0.00500	5	04/16/2022 13:25	WG1849454
2-Butanone (MEK)	U		0.00595	0.0500	5	04/16/2022 13:25	WG1849454
2-Hexanone	U		0.00394	0.0500	5	04/16/2022 13:25	WG1849454
Methylene Chloride	U		0.00215	0.0250	5	04/16/2022 13:25	WG1849454
4-Methyl-2-pentanone (MIBK)	U		0.00239	0.0500	5	04/16/2022 13:25	WG1849454
Methyl tert-butyl ether	0.00415	J	0.000505	0.00500	5	04/16/2022 13:25	WG1849454
Naphthalene	U		0.00500	0.0250	5	04/16/2022 13:25	WG1849454
n-Propylbenzene	0.00361	J	0.000497	0.00500	5	04/16/2022 13:25	WG1849454
Styrene	U		0.000590	0.00500	5	04/16/2022 13:25	WG1849454
tert-Butyl alcohol	0.0496		0.0203	0.0250	5	04/16/2022 13:25	WG1849454
1,1,1,2-Tetrachloroethane	U		0.000735	0.00500	5	04/16/2022 13:25	WG1849454
1,1,2,2-Tetrachloroethane	U		0.000665	0.00500	5	04/16/2022 13:25	WG1849454
Tetrachloroethene	U		0.00150	0.00500	5	04/16/2022 13:25	WG1849454
Toluene	U		0.00139	0.00500	5	04/16/2022 13:25	WG1849454
1,1,1-Trichloroethane	U		0.000745	0.00500	5	04/16/2022 13:25	WG1849454
1,1,2-Trichloroethane	U		0.000790	0.00500	5	04/16/2022 13:25	WG1849454
Trichloroethene	U		0.000950	0.00500	5	04/16/2022 13:25	WG1849454
1,2,4-Trimethylbenzene	U		0.00161	0.00500	5	04/16/2022 13:25	WG1849454
1,3,5-Trimethylbenzene	U		0.000520	0.00500	5	04/16/2022 13:25	WG1849454
Vinyl chloride	U		0.00117	0.00500	5	04/16/2022 13:25	WG1849454
o-Xylene	U		0.000870	0.00500	5	04/16/2022 13:25	WG1849454
m&p-Xylene	U		0.00215	0.0100	5	04/16/2022 13:25	WG1849454
Xylenes, Total	U		0.000870	0.0150	5	04/16/2022 13:25	WG1849454
(S) Toluene-d8	*104*			*80.0-120*		*04/16/2022 13:25*	WG1849454
(S) 4-Bromofluorobenzene	*105*			*77.0-126*		*04/16/2022 13:25*	WG1849454
(S) 1,2-Dichloroethane-d4	*102*			*70.0-130*		*04/16/2022 13:25*	WG1849454

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	3.82		0.0247	0.100	1	04/27/2022 10:08	WG1854255
(S) o-Terphenyl	*123*			*31.0-160*		*04/27/2022 10:08*	WG1854255

DUP-TEL-01
Collected date/time: 04/12/22 08:00
L1482377

Semi Volatile Organic Compounds (GC/MS) by Method 8270 C-mod

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,4-Dioxane	0.000167	J	0.0000447	0.000400	1	04/17/2022 18:03	WG1849044
(S) Nitrobenzene-d5	*72.6*			*10.0-120*		*04/17/2022 18:03*	WG1849044

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	ND	Q	10.0	1	04/21/2022 16:36	WG1852062

Sample Narrative:

L1482377-63 WG1852062: Reporting out of hold due to QC issue.

Wet Chemistry by Method 353.2

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	0.0518	J P1	0.0500	0.100	1	04/20/2022 21:46	WG1851464

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	U		0.379	1.00	1	04/17/2022 04:38	WG1849614
Fluoride	U		0.0640	0.150	1	04/17/2022 04:38	WG1849614
Sulfate	U		0.594	5.00	1	04/17/2022 04:38	WG1849614

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	U		0.000180	0.00200	1	04/20/2022 20:41	WG1850318
Arsenic,Dissolved	U		0.000180	0.00200	1	04/20/2022 13:33	WG1850292
Barium	0.000541	J	0.000381	0.00200	1	04/20/2022 20:41	WG1850318
Barium,Dissolved	0.000506	J	0.000381	0.00200	1	04/20/2022 13:33	WG1850292
Calcium	0.147	J	0.0936	1.00	1	04/20/2022 20:41	WG1850318
Chromium	U		0.00124	0.00200	1	04/20/2022 20:41	WG1850318
Chromium,Dissolved	0.00131	J	0.00124	0.00200	1	04/20/2022 13:33	WG1850292
Iron	U		0.0281	0.100	1	04/20/2022 20:41	WG1850318
Iron,Dissolved	U		0.0281	0.100	1	04/20/2022 13:33	WG1850292
Lead	U		0.000849	0.00200	1	04/20/2022 20:41	WG1850318
Lead,Dissolved	U		0.000849	0.00200	1	04/20/2022 13:33	WG1850292
Manganese	U		0.000704	0.00500	1	04/20/2022 20:41	WG1850318
Manganese,Dissolved	U		0.000704	0.00500	1	04/20/2022 13:33	WG1850292
Potassium	U		0.108	2.00	1	04/20/2022 20:41	WG1850318
Selenium	U		0.000300	0.00200	1	04/20/2022 20:41	WG1850318
Selenium,Dissolved	U		0.000300	0.00200	1	04/20/2022 13:33	WG1850292
Sodium	0.379	J	0.376	2.00	1	04/20/2022 20:41	WG1850318

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	U		0.0314	0.100	1	04/18/2022 15:28	WG1850042
(S) a,a,a-Trifluorotoluene(FID)	*99.2*			*78.0-120*		*04/18/2022 15:28*	WG1850042

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/16/2022 08:38	WG1849454
Benzene	U		0.0000941	0.00100	1	04/16/2022 08:38	WG1849454
Bromodichloromethane	U		0.000136	0.00100	1	04/16/2022 08:38	WG1849454
Bromoform	U		0.000129	0.00100	1	04/16/2022 08:38	WG1849454
Bromomethane	U		0.000605	0.00500	1	04/16/2022 08:38	WG1849454
n-Butylbenzene	U		0.000157	0.00100	1	04/16/2022 08:38	WG1849454

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
sec-Butylbenzene	U		0.000125	0.00100	1	04/16/2022 08:38	WG1849454
Carbon disulfide	U		0.0000962	0.00100	1	04/16/2022 08:38	WG1849454
Carbon tetrachloride	U		0.000128	0.00100	1	04/16/2022 08:38	WG1849454
Chlorobenzene	U		0.000116	0.00100	1	04/16/2022 08:38	WG1849454
Chlorodibromomethane	U		0.000140	0.00100	1	04/16/2022 08:38	WG1849454
Chloroethane	U		0.000192	0.00500	1	04/16/2022 08:38	WG1849454
Chloroform	U		0.000111	0.00500	1	04/16/2022 08:38	WG1849454
Chloromethane	U		0.000960	0.00250	1	04/16/2022 08:38	WG1849454
1,2-Dibromoethane	U		0.000126	0.00100	1	04/16/2022 08:38	WG1849454
1,1-Dichloroethane	U		0.000100	0.00100	1	04/16/2022 08:38	WG1849454
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/16/2022 08:38	WG1849454
1,1-Dichloroethene	U		0.000188	0.00100	1	04/16/2022 08:38	WG1849454
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/16/2022 08:38	WG1849454
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/16/2022 08:38	WG1849454
1,2-Dichloropropane	U		0.000149	0.00100	1	04/16/2022 08:38	WG1849454
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/16/2022 08:38	WG1849454
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/16/2022 08:38	WG1849454
Ethylbenzene	U		0.000137	0.00100	1	04/16/2022 08:38	WG1849454
Isopropylbenzene	U		0.000105	0.00100	1	04/16/2022 08:38	WG1849454
p-Isopropyltoluene	U		0.000120	0.00100	1	04/16/2022 08:38	WG1849454
2-Butanone (MEK)	U		0.00119	0.0100	1	04/16/2022 08:38	WG1849454
2-Hexanone	U		0.000787	0.0100	1	04/16/2022 08:38	WG1849454
Methylene Chloride	U		0.000430	0.00500	1	04/16/2022 08:38	WG1849454
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/16/2022 08:38	WG1849454
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/16/2022 08:38	WG1849454
Naphthalene	U		0.00100	0.00500	1	04/16/2022 08:38	WG1849454
n-Propylbenzene	U		0.0000993	0.00100	1	04/16/2022 08:38	WG1849454
Styrene	U		0.000118	0.00100	1	04/16/2022 08:38	WG1849454
tert-Butyl alcohol	U		0.00406	0.00500	1	04/16/2022 08:38	WG1849454
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/16/2022 08:38	WG1849454
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/16/2022 08:38	WG1849454
Tetrachloroethene	U		0.000300	0.00100	1	04/16/2022 08:38	WG1849454
Toluene	U		0.000278	0.00100	1	04/16/2022 08:38	WG1849454
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/16/2022 08:38	WG1849454
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/16/2022 08:38	WG1849454
Trichloroethene	U		0.000190	0.00100	1	04/16/2022 08:38	WG1849454
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/16/2022 08:38	WG1849454
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/16/2022 08:38	WG1849454
Vinyl chloride	U		0.000234	0.00100	1	04/16/2022 08:38	WG1849454
o-Xylene	U		0.000174	0.00100	1	04/16/2022 08:38	WG1849454
m&p-Xylene	U		0.000430	0.00200	1	04/16/2022 08:38	WG1849454
Xylenes, Total	U		0.000174	0.00300	1	04/16/2022 08:38	WG1849454
(S) Toluene-d8	*107*			*80.0-120*		*04/16/2022 08:38*	WG1849454
(S) 4-Bromofluorobenzene	*96.2*			*77.0-126*		*04/16/2022 08:38*	WG1849454
(S) 1,2-Dichloroethane-d4	*94.1*			*70.0-130*		*04/16/2022 08:38*	WG1849454

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.0606	J	0.0247	0.100	1	04/27/2022 10:31	WG1854255
(S) o-Terphenyl	*94.7*			*31.0-160*		*04/27/2022 10:31*	WG1854255

EB-TEL-01
Collected date/time: 04/12/22 09:40
L1482377

Semi Volatile Organic Compounds (GC/MS) by Method 8270 C-mod

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
1,4-Dioxane	0.0000510	J	0.0000447	0.000400	1	04/17/2022 18:22	WG1849044
(S) Nitrobenzene-d5	*84.5*			*10.0-120*		*04/17/2022 18:22*	WG1849044

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Acetone	U		0.0113	0.0500	1	04/16/2022 07:58	WG1849454
Benzene	U		0.0000941	0.00100	1	04/16/2022 07:58	WG1849454
Bromodichloromethane	U		0.000136	0.00100	1	04/16/2022 07:58	WG1849454
Bromoform	U		0.000129	0.00100	1	04/16/2022 07:58	WG1849454
Bromomethane	U		0.000605	0.00500	1	04/16/2022 07:58	WG1849454
n-Butylbenzene	U		0.000157	0.00100	1	04/16/2022 07:58	WG1849454
sec-Butylbenzene	U		0.000125	0.00100	1	04/16/2022 07:58	WG1849454
Carbon disulfide	U		0.0000962	0.00100	1	04/16/2022 07:58	WG1849454
Carbon tetrachloride	U		0.000128	0.00100	1	04/16/2022 07:58	WG1849454
Chlorobenzene	U		0.000116	0.00100	1	04/16/2022 07:58	WG1849454
Chlorodibromomethane	U		0.000140	0.00100	1	04/16/2022 07:58	WG1849454
Chloroethane	U		0.000192	0.00500	1	04/16/2022 07:58	WG1849454
Chloroform	U		0.000111	0.00500	1	04/16/2022 07:58	WG1849454
Chloromethane	U		0.000960	0.00250	1	04/16/2022 07:58	WG1849454
1,2-Dibromoethane	U		0.000126	0.00100	1	04/16/2022 07:58	WG1849454
1,1-Dichloroethane	U		0.000100	0.00100	1	04/16/2022 07:58	WG1849454
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/16/2022 07:58	WG1849454
1,1-Dichloroethene	U		0.000188	0.00100	1	04/16/2022 07:58	WG1849454
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/16/2022 07:58	WG1849454
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/16/2022 07:58	WG1849454
1,2-Dichloropropane	U		0.000149	0.00100	1	04/16/2022 07:58	WG1849454
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/16/2022 07:58	WG1849454
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/16/2022 07:58	WG1849454
Ethylbenzene	U		0.000137	0.00100	1	04/16/2022 07:58	WG1849454
Isopropylbenzene	U		0.000105	0.00100	1	04/16/2022 07:58	WG1849454
p-Isopropyltoluene	U		0.000120	0.00100	1	04/16/2022 07:58	WG1849454
2-Butanone (MEK)	U		0.00119	0.0100	1	04/16/2022 07:58	WG1849454
2-Hexanone	U		0.000787	0.0100	1	04/16/2022 07:58	WG1849454
Methylene Chloride	U		0.000430	0.00500	1	04/16/2022 07:58	WG1849454
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/16/2022 07:58	WG1849454
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/16/2022 07:58	WG1849454
Naphthalene	U		0.00100	0.00500	1	04/16/2022 07:58	WG1849454
n-Propylbenzene	U		0.0000993	0.00100	1	04/16/2022 07:58	WG1849454
Styrene	U		0.000118	0.00100	1	04/16/2022 07:58	WG1849454
tert-Butyl alcohol	U		0.00406	0.00500	1	04/16/2022 07:58	WG1849454
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/16/2022 07:58	WG1849454
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/16/2022 07:58	WG1849454
Tetrachloroethene	U		0.000300	0.00100	1	04/16/2022 07:58	WG1849454
Toluene	U		0.000278	0.00100	1	04/16/2022 07:58	WG1849454
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/16/2022 07:58	WG1849454
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/16/2022 07:58	WG1849454
Trichloroethene	U		0.000190	0.00100	1	04/16/2022 07:58	WG1849454
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/16/2022 07:58	WG1849454
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/16/2022 07:58	WG1849454
Vinyl chloride	U		0.000234	0.00100	1	04/16/2022 07:58	WG1849454
o-Xylene	U		0.000174	0.00100	1	04/16/2022 07:58	WG1849454
m&p-Xylene	U		0.000430	0.00200	1	04/16/2022 07:58	WG1849454
Xylenes, Total	U		0.000174	0.00300	1	04/16/2022 07:58	WG1849454
(S) Toluene-d8	*111*			*80.0-120*		*04/16/2022 07:58*	WG1849454
(S) 4-Bromofluorobenzene	*99.7*			*77.0-126*		*04/16/2022 07:58*	WG1849454
(S) 1,2-Dichloroethane-d4	*104*			*70.0-130*		*04/16/2022 07:58*	WG1849454

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	2170		50.0	1	04/19/2022 18:52	WG1851047

Wet Chemistry by Method 353.2

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	0.0594	J	0.0500	0.100	1	04/20/2022 21:51	WG1851464

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	160	B	37.9	100	100	04/17/2022 05:11	WG1849614
Fluoride	0.621		0.0640	0.150	1	04/17/2022 04:54	WG1849614
Sulfate	1870		59.4	500	100	04/17/2022 05:11	WG1849614

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00650		0.000180	0.00200	1	04/20/2022 20:45	WG1850318
Arsenic,Dissolved	0.00756		0.000180	0.00200	1	04/20/2022 14:42	WG1850292
Barium	0.0298		0.000381	0.00200	1	04/20/2022 20:45	WG1850318
Barium,Dissolved	0.0278		0.000381	0.00200	1	04/20/2022 14:42	WG1850292
Calcium	328		0.0936	1.00	1	04/20/2022 20:45	WG1850318
Chromium	U		0.00124	0.00200	1	04/20/2022 20:45	WG1850318
Chromium,Dissolved	U		0.00124	0.00200	1	04/20/2022 14:42	WG1850292
Iron	0.485		0.0281	0.100	1	04/20/2022 20:45	WG1850318
Iron,Dissolved	0.566		0.0281	0.100	1	04/20/2022 14:42	WG1850292
Lead	U		0.000849	0.00200	1	04/20/2022 20:45	WG1850318
Lead,Dissolved	U		0.000849	0.00200	1	04/20/2022 14:42	WG1850292
Manganese	1.44		0.000704	0.00500	1	04/20/2022 20:45	WG1850318
Manganese,Dissolved	1.70		0.000704	0.00500	1	04/20/2022 14:42	WG1850292
Potassium	0.463	J	0.108	2.00	1	04/20/2022 20:45	WG1850318
Selenium	U		0.000300	0.00200	1	04/20/2022 20:45	WG1850318
Selenium,Dissolved	U		0.000300	0.00200	1	04/20/2022 14:42	WG1850292
Sodium	234		0.376	2.00	1	04/20/2022 20:45	WG1850318

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	0.313		0.0314	0.100	1	04/18/2022 19:25	WG1850042
(S) a,a,a-Trifluorotoluene(FID)	*99.3*			*78.0-120*		*04/18/2022 19:25*	WG1850042

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/16/2022 11:02	WG1849454
Benzene	U		0.0000941	0.00100	1	04/16/2022 11:02	WG1849454
Bromodichloromethane	U		0.000136	0.00100	1	04/16/2022 11:02	WG1849454
Bromoform	U		0.000129	0.00100	1	04/16/2022 11:02	WG1849454
Bromomethane	U		0.000605	0.00500	1	04/16/2022 11:02	WG1849454
n-Butylbenzene	U		0.000157	0.00100	1	04/16/2022 11:02	WG1849454
sec-Butylbenzene	0.00299		0.000125	0.00100	1	04/16/2022 11:02	WG1849454
Carbon disulfide	U		0.0000962	0.00100	1	04/16/2022 11:02	WG1849454
Carbon tetrachloride	U		0.000128	0.00100	1	04/16/2022 11:02	WG1849454

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chlorobenzene	0.000537	J	0.000116	0.00100	1	04/16/2022 11:02	WG1849454
Chlorodibromomethane	U		0.000140	0.00100	1	04/16/2022 11:02	WG1849454
Chloroethane	U		0.000192	0.00500	1	04/16/2022 11:02	WG1849454
Chloroform	U		0.000111	0.00500	1	04/16/2022 11:02	WG1849454
Chloromethane	U		0.000960	0.00250	1	04/16/2022 11:02	WG1849454
1,2-Dibromoethane	U		0.000126	0.00100	1	04/16/2022 11:02	WG1849454
1,1-Dichloroethane	U		0.000100	0.00100	1	04/16/2022 11:02	WG1849454
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/16/2022 11:02	WG1849454
1,1-Dichloroethene	U		0.000188	0.00100	1	04/16/2022 11:02	WG1849454
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/16/2022 11:02	WG1849454
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/16/2022 11:02	WG1849454
1,2-Dichloropropane	U		0.000149	0.00100	1	04/16/2022 11:02	WG1849454
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/16/2022 11:02	WG1849454
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/16/2022 11:02	WG1849454
Ethylbenzene	U		0.000137	0.00100	1	04/16/2022 11:02	WG1849454
Isopropylbenzene	0.00280		0.000105	0.00100	1	04/16/2022 11:02	WG1849454
p-Isopropyltoluene	U		0.000120	0.00100	1	04/16/2022 11:02	WG1849454
2-Butanone (MEK)	U		0.00119	0.0100	1	04/16/2022 11:02	WG1849454
2-Hexanone	U		0.000787	0.0100	1	04/16/2022 11:02	WG1849454
Methylene Chloride	U		0.000430	0.00500	1	04/16/2022 11:02	WG1849454
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/16/2022 11:02	WG1849454
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/16/2022 11:02	WG1849454
Naphthalene	U		0.00100	0.00500	1	04/16/2022 11:02	WG1849454
n-Propylbenzene	0.000454	J	0.0000993	0.00100	1	04/16/2022 11:02	WG1849454
Styrene	U		0.000118	0.00100	1	04/16/2022 11:02	WG1849454
tert-Butyl alcohol	U		0.00406	0.00500	1	04/16/2022 11:02	WG1849454
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/16/2022 11:02	WG1849454
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/16/2022 11:02	WG1849454
Tetrachloroethene	U		0.000300	0.00100	1	04/16/2022 11:02	WG1849454
Toluene	U		0.000278	0.00100	1	04/16/2022 11:02	WG1849454
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/16/2022 11:02	WG1849454
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/16/2022 11:02	WG1849454
Trichloroethene	U		0.000190	0.00100	1	04/16/2022 11:02	WG1849454
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/16/2022 11:02	WG1849454
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/16/2022 11:02	WG1849454
Vinyl chloride	U		0.000234	0.00100	1	04/16/2022 11:02	WG1849454
o-Xylene	U		0.000174	0.00100	1	04/16/2022 11:02	WG1849454
m&p-Xylene	U		0.000430	0.00200	1	04/16/2022 11:02	WG1849454
Xylenes, Total	U		0.000174	0.00300	1	04/16/2022 11:02	WG1849454
(S) Toluene-d8	*97.3*			*80.0-120*		*04/16/2022 11:02*	WG1849454
(S) 4-Bromofluorobenzene	*94.2*			*77.0-126*		*04/16/2022 11:02*	WG1849454
(S) 1,2-Dichloroethane-d4	*102*			*70.0-130*		*04/16/2022 11:02*	WG1849454

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.880		0.0247	0.100	1	04/28/2022 20:56	WG1854255
(S) o-Terphenyl	*94.7*			*31.0-160*		*04/28/2022 20:56*	WG1854255

Semi Volatile Organic Compounds (GC/MS) by Method 8270 C-mod

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,4-Dioxane	U		0.0000447	0.000400	1	04/17/2022 18:41	WG1849044
(S) Nitrobenzene-d5	*46.8*			*10.0-120*		*04/17/2022 18:41*	WG1849044

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	3090		100	1	04/19/2022 18:10	WG1851013
Dissolved Solids	5260	Q	100	1	05/08/2022 03:19	WG1860459

Wet Chemistry by Method 353.2

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	6.75		0.250	0.500	5	04/20/2022 21:52	WG1851464

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	281		1.90	5.00	5	04/18/2022 01:48	WG1849899
Fluoride	2.99		0.320	0.750	5	04/18/2022 01:48	WG1849899
Sulfate	3250		59.4	500	100	04/18/2022 02:03	WG1849899

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00338		0.000180	0.00200	1	04/20/2022 20:48	WG1850318
Arsenic,Dissolved	0.00327		0.000180	0.00200	1	04/20/2022 14:45	WG1850292
Barium	0.0112		0.000381	0.00200	1	04/20/2022 20:48	WG1850318
Barium,Dissolved	0.0111		0.000381	0.00200	1	04/20/2022 14:45	WG1850292
Calcium	376		0.0936	1.00	1	04/20/2022 20:48	WG1850318
Chromium	U		0.00124	0.00200	1	04/20/2022 20:48	WG1850318
Chromium,Dissolved	U		0.00124	0.00200	1	04/20/2022 14:45	WG1850292
Iron	0.164		0.0281	0.100	1	04/20/2022 20:48	WG1850318
Iron,Dissolved	0.101		0.0281	0.100	1	04/20/2022 14:45	WG1850292
Lead	U		0.000849	0.00200	1	04/20/2022 20:48	WG1850318
Lead,Dissolved	U		0.000849	0.00200	1	04/20/2022 14:45	WG1850292
Manganese	0.473		0.000704	0.00500	1	04/20/2022 20:48	WG1850318
Manganese,Dissolved	0.516		0.000704	0.00500	1	04/20/2022 14:45	WG1850292
Potassium	3.59		0.108	2.00	1	04/20/2022 20:48	WG1850318
Selenium	0.0132		0.000300	0.00200	1	04/20/2022 20:48	WG1850318
Selenium,Dissolved	0.0135		0.000300	0.00200	1	04/20/2022 14:45	WG1850292
Sodium	456		0.376	2.00	1	04/20/2022 20:48	WG1850318

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/16/2022 11:23	WG1849454
Benzene	U		0.0000941	0.00100	1	04/16/2022 11:23	WG1849454
Bromodichloromethane	U		0.000136	0.00100	1	04/16/2022 11:23	WG1849454
Bromoform	U		0.000129	0.00100	1	04/16/2022 11:23	WG1849454
Bromomethane	U		0.000605	0.00500	1	04/16/2022 11:23	WG1849454
n-Butylbenzene	U		0.000157	0.00100	1	04/16/2022 11:23	WG1849454
sec-Butylbenzene	0.000288	J	0.000125	0.00100	1	04/16/2022 11:23	WG1849454
Carbon disulfide	U		0.0000962	0.00100	1	04/16/2022 11:23	WG1849454
Carbon tetrachloride	U		0.000128	0.00100	1	04/16/2022 11:23	WG1849454
Chlorobenzene	U		0.000116	0.00100	1	04/16/2022 11:23	WG1849454
Chlorodibromomethane	U		0.000140	0.00100	1	04/16/2022 11:23	WG1849454
Chloroethane	U		0.000192	0.00500	1	04/16/2022 11:23	WG1849454
Chloroform	U		0.000111	0.00500	1	04/16/2022 11:23	WG1849454
Chloromethane	U		0.000960	0.00250	1	04/16/2022 11:23	WG1849454
1,2-Dibromoethane	U		0.000126	0.00100	1	04/16/2022 11:23	WG1849454

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,1-Dichloroethane	U		0.000100	0.00100	1	04/16/2022 11:23	WG1849454
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/16/2022 11:23	WG1849454
1,1-Dichloroethene	U		0.000188	0.00100	1	04/16/2022 11:23	WG1849454
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/16/2022 11:23	WG1849454
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/16/2022 11:23	WG1849454
1,2-Dichloropropane	U		0.000149	0.00100	1	04/16/2022 11:23	WG1849454
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/16/2022 11:23	WG1849454
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/16/2022 11:23	WG1849454
Ethylbenzene	U		0.000137	0.00100	1	04/16/2022 11:23	WG1849454
Isopropylbenzene	U		0.000105	0.00100	1	04/16/2022 11:23	WG1849454
p-Isopropyltoluene	U		0.000120	0.00100	1	04/16/2022 11:23	WG1849454
2-Butanone (MEK)	U		0.00119	0.0100	1	04/16/2022 11:23	WG1849454
2-Hexanone	U		0.000787	0.0100	1	04/16/2022 11:23	WG1849454
Methylene Chloride	U		0.000430	0.00500	1	04/16/2022 11:23	WG1849454
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/16/2022 11:23	WG1849454
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/16/2022 11:23	WG1849454
Naphthalene	U		0.00100	0.00500	1	04/16/2022 11:23	WG1849454
n-Propylbenzene	U		0.0000993	0.00100	1	04/16/2022 11:23	WG1849454
Styrene	U		0.000118	0.00100	1	04/16/2022 11:23	WG1849454
tert-Butyl alcohol	U		0.00406	0.00500	1	04/16/2022 11:23	WG1849454
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/16/2022 11:23	WG1849454
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/16/2022 11:23	WG1849454
Tetrachloroethene	U		0.000300	0.00100	1	04/16/2022 11:23	WG1849454
Toluene	U		0.000278	0.00100	1	04/16/2022 11:23	WG1849454
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/16/2022 11:23	WG1849454
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/16/2022 11:23	WG1849454
Trichloroethene	U		0.000190	0.00100	1	04/16/2022 11:23	WG1849454
1,2,4-Trimethylbenzene	0.000435	J	0.000322	0.00100	1	04/16/2022 11:23	WG1849454
1,3,5-Trimethylbenzene	0.000404	J	0.000104	0.00100	1	04/16/2022 11:23	WG1849454
Vinyl chloride	U		0.000234	0.00100	1	04/16/2022 11:23	WG1849454
o-Xylene	U		0.000174	0.00100	1	04/16/2022 11:23	WG1849454
m&p-Xylene	U		0.000430	0.00200	1	04/16/2022 11:23	WG1849454
Xylenes, Total	U		0.000174	0.00300	1	04/16/2022 11:23	WG1849454
(S) Toluene-d8	*106*			*80.0-120*		*04/16/2022 11:23*	WG1849454
(S) 4-Bromofluorobenzene	*94.0*			*77.0-126*		*04/16/2022 11:23*	WG1849454
(S) 1,2-Dichloroethane-d4	*105*			*70.0-130*		*04/16/2022 11:23*	WG1849454

EDB / DBCP by Method 8011

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Ethylene Dibromide	U		0.00000584	0.0000218	1.09	04/19/2022 00:57	WG1850030

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.506		0.0247	0.100	1	04/28/2022 20:36	WG1854255
(S) o-Terphenyl	*86.8*			*31.0-160*		*04/28/2022 20:36*	WG1854255

Semi Volatile Organic Compounds (GC/MS) by Method 8270 C-mod

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,4-Dioxane	U		0.0000447	0.000400	1	04/17/2022 19:00	WG1849044
(S) Nitrobenzene-d5	*43.1*			*10.0-120*		*04/17/2022 19:00*	WG1849044

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	3020		50.0	1	04/16/2022 15:07	WG1849632

Wet Chemistry by Method 353.2

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	U		1.00	2.00	20	04/20/2022 21:57	WG1851464

Sample Narrative:

L1482377-67 WG1851464: Dilution due to sulfide hit.

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	265		1.90	5.00	5	04/18/2022 02:19	WG1849899
Fluoride	1.78		0.320	0.750	5	04/18/2022 02:19	WG1849899
Sulfate	1570		29.7	250	50	04/18/2022 02:34	WG1849899

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00603		0.000180	0.00200	1	04/20/2022 20:52	WG1850318
Arsenic,Dissolved	0.00577		0.000180	0.00200	1	04/20/2022 14:49	WG1850292
Barium	0.0259		0.000381	0.00200	1	04/20/2022 20:52	WG1850318
Barium,Dissolved	0.0255		0.000381	0.00200	1	04/20/2022 14:49	WG1850292
Calcium	290		0.0936	1.00	1	04/20/2022 20:52	WG1850318
Chromium	0.00450		0.00124	0.00200	1	04/20/2022 20:52	WG1850318
Chromium,Dissolved	0.00128	J	0.00124	0.00200	1	04/20/2022 14:49	WG1850292
Iron	0.129		0.0281	0.100	1	04/20/2022 20:52	WG1850318
Iron,Dissolved	0.0389	J	0.0281	0.100	1	04/20/2022 14:49	WG1850292
Lead	U		0.000849	0.00200	1	04/20/2022 20:52	WG1850318
Lead,Dissolved	U		0.000849	0.00200	1	04/20/2022 14:49	WG1850292
Manganese	0.0463		0.000704	0.00500	1	04/20/2022 20:52	WG1850318
Manganese,Dissolved	0.0451		0.000704	0.00500	1	04/20/2022 14:49	WG1850292
Potassium	0.993	J	0.108	2.00	1	04/20/2022 20:52	WG1850318
Selenium	0.000543	J	0.000300	0.00200	1	04/20/2022 20:52	WG1850318
Selenium,Dissolved	0.000568	J	0.000300	0.00200	1	04/20/2022 14:49	WG1850292
Sodium	177		0.376	2.00	1	04/20/2022 20:52	WG1850318

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	0.399		0.0314	0.100	1	04/18/2022 19:49	WG1850042
(S) a,a,a-Trifluorotoluene(FID)	*94.6*			*78.0-120*		*04/18/2022 19:49*	WG1850042

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/20/2022 20:26	WG1851218
Benzene	0.00495		0.0000941	0.00100	1	04/20/2022 20:26	WG1851218
Bromodichloromethane	U		0.000136	0.00100	1	04/20/2022 20:26	WG1851218
Bromoform	U		0.000129	0.00100	1	04/20/2022 20:26	WG1851218
Bromomethane	U		0.000605	0.00500	1	04/20/2022 20:26	WG1851218
n-Butylbenzene	U		0.000157	0.00100	1	04/20/2022 20:26	WG1851218

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
sec-Butylbenzene	0.00663		0.000125	0.00100	1	04/20/2022 20:26	WG1851218
Carbon disulfide	0.000627	J	0.0000962	0.00100	1	04/20/2022 20:26	WG1851218
Carbon tetrachloride	U		0.000128	0.00100	1	04/20/2022 20:26	WG1851218
Chlorobenzene	U		0.000116	0.00100	1	04/20/2022 20:26	WG1851218
Chlorodibromomethane	U		0.000140	0.00100	1	04/20/2022 20:26	WG1851218
Chloroethane	U		0.000192	0.00500	1	04/20/2022 20:26	WG1851218
Chloroform	U		0.000111	0.00500	1	04/20/2022 20:26	WG1851218
Chloromethane	U		0.000960	0.00250	1	04/20/2022 20:26	WG1851218
1,2-Dibromoethane	U		0.000126	0.00100	1	04/20/2022 20:26	WG1851218
1,1-Dichloroethane	U		0.000100	0.00100	1	04/20/2022 20:26	WG1851218
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/20/2022 20:26	WG1851218
1,1-Dichloroethene	U		0.000188	0.00100	1	04/20/2022 20:26	WG1851218
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/20/2022 20:26	WG1851218
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/20/2022 20:26	WG1851218
1,2-Dichloropropane	U		0.000149	0.00100	1	04/20/2022 20:26	WG1851218
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/20/2022 20:26	WG1851218
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/20/2022 20:26	WG1851218
Ethylbenzene	0.000282	J	0.000137	0.00100	1	04/20/2022 20:26	WG1851218
Isopropylbenzene	0.0370		0.000105	0.00100	1	04/20/2022 20:26	WG1851218
p-Isopropyltoluene	U		0.000120	0.00100	1	04/20/2022 20:26	WG1851218
2-Butanone (MEK)	U		0.00119	0.0100	1	04/20/2022 20:26	WG1851218
2-Hexanone	U		0.000787	0.0100	1	04/20/2022 20:26	WG1851218
Methylene Chloride	U		0.000430	0.00500	1	04/20/2022 20:26	WG1851218
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/20/2022 20:26	WG1851218
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/20/2022 20:26	WG1851218
Naphthalene	U		0.00100	0.00500	1	04/20/2022 20:26	WG1851218
n-Propylbenzene	0.00441		0.0000993	0.00100	1	04/20/2022 20:26	WG1851218
Styrene	U		0.000118	0.00100	1	04/20/2022 20:26	WG1851218
tert-Butyl alcohol	U		0.00406	0.00500	1	04/20/2022 20:26	WG1851218
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/20/2022 20:26	WG1851218
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/20/2022 20:26	WG1851218
Tetrachloroethene	U		0.000300	0.00100	1	04/20/2022 20:26	WG1851218
Toluene	0.000359	J	0.000278	0.00100	1	04/20/2022 20:26	WG1851218
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/20/2022 20:26	WG1851218
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/20/2022 20:26	WG1851218
Trichloroethene	U		0.000190	0.00100	1	04/20/2022 20:26	WG1851218
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/20/2022 20:26	WG1851218
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/20/2022 20:26	WG1851218
Vinyl chloride	U		0.000234	0.00100	1	04/20/2022 20:26	WG1851218
o-Xylene	0.000381	J	0.000174	0.00100	1	04/20/2022 20:26	WG1851218
m&p-Xylene	U		0.000430	0.00200	1	04/20/2022 20:26	WG1851218
Xylenes, Total	0.000381	J	0.000174	0.00300	1	04/20/2022 20:26	WG1851218
(S) Toluene-d8	*107*			*80.0-120*		*04/20/2022 20:26*	WG1851218
(S) 4-Bromofluorobenzene	*96.8*			*77.0-126*		*04/20/2022 20:26*	WG1851218
(S) 1,2-Dichloroethane-d4	*88.1*			*70.0-130*		*04/20/2022 20:26*	WG1851218

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	3.92		0.0247	0.100	1	04/27/2022 18:34	WG1854255
(S) o-Terphenyl	*86.8*			*31.0-160*		*04/27/2022 18:34*	WG1854255

MW-30
Collected date/time: 04/12/22 13:10
L1482377

Semi Volatile Organic Compounds (GC/MS) by Method 8270 C-mod

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
1,4-Dioxane	U		0.0000447	0.000400	1	04/17/2022 19:19	WG1849044
(S) Nitrobenzene-d5	*59.1*			*10.0-120*		*04/17/2022 19:19*	WG1849044

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

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	1340		25.0	1	04/19/2022 18:10	WG1851013
Dissolved Solids	1430	Q	25.0	1	05/08/2022 03:19	WG1860459

Wet Chemistry by Method 353.2

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	U		1.00	2.00	20	04/20/2022 21:59	WG1851464

Sample Narrative:

L1482377-68 WG1851464: Dilution due to sulfide hit.

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	149		1.90	5.00	5	04/18/2022 03:36	WG1849899
Fluoride	1.27		0.0640	0.150	1	04/18/2022 02:50	WG1849899
Sulfate	104		2.97	25.0	5	04/18/2022 03:36	WG1849899

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00198	J	0.000180	0.00200	1	04/20/2022 20:55	WG1850318
Arsenic,Dissolved	0.00208		0.000180	0.00200	1	04/20/2022 14:52	WG1850292
Barium	0.289		0.000381	0.00200	1	04/20/2022 20:55	WG1850318
Barium,Dissolved	0.279		0.000381	0.00200	1	04/20/2022 14:52	WG1850292
Calcium	133		0.0936	1.00	1	04/20/2022 20:55	WG1850318
Chromium	U		0.00124	0.00200	1	04/20/2022 20:55	WG1850318
Chromium,Dissolved	U		0.00124	0.00200	1	04/20/2022 14:52	WG1850292
Iron	U		0.0281	0.100	1	04/20/2022 20:55	WG1850318
Iron,Dissolved	U		0.0281	0.100	1	04/20/2022 14:52	WG1850292
Lead	U		0.000849	0.00200	1	04/20/2022 20:55	WG1850318
Lead,Dissolved	U		0.000849	0.00200	1	04/20/2022 14:52	WG1850292
Manganese	0.00153	J	0.000704	0.00500	1	04/20/2022 20:55	WG1850318
Manganese,Dissolved	0.00152	J	0.000704	0.00500	1	04/20/2022 14:52	WG1850292
Potassium	1.16	J	0.108	2.00	1	04/20/2022 20:55	WG1850318
Selenium	0.000743	J	0.000300	0.00200	1	04/20/2022 20:55	WG1850318
Selenium,Dissolved	0.000351	J	0.000300	0.00200	1	04/20/2022 14:52	WG1850292
Sodium	195		0.376	2.00	1	04/20/2022 20:55	WG1850318

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	13.8		0.314	1.00	10	04/18/2022 21:48	WG1850042
(S) a,a,a-Trifluorotoluene(FID)	*97.7*			*78.0-120*		*04/18/2022 21:48*	WG1850042

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.113	0.500	10	04/16/2022 14:07	WG1849454
Benzene	0.000995	J	0.000941	0.0100	10	04/16/2022 14:07	WG1849454
Bromodichloromethane	U		0.00136	0.0100	10	04/16/2022 14:07	WG1849454
Bromoform	U		0.00129	0.0100	10	04/16/2022 14:07	WG1849454
Bromomethane	U		0.00605	0.0500	10	04/16/2022 14:07	WG1849454

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
n-Butylbenzene	0.00785	J	0.00157	0.0100	10	04/16/2022 14:07	WG1849454
sec-Butylbenzene	0.0104		0.00125	0.0100	10	04/16/2022 14:07	WG1849454
Carbon disulfide	U		0.000962	0.0100	10	04/16/2022 14:07	WG1849454
Carbon tetrachloride	U		0.00128	0.0100	10	04/16/2022 14:07	WG1849454
Chlorobenzene	U		0.00116	0.0100	10	04/16/2022 14:07	WG1849454
Chlorodibromomethane	U		0.00140	0.0100	10	04/16/2022 14:07	WG1849454
Chloroethane	U		0.00192	0.0500	10	04/16/2022 14:07	WG1849454
Chloroform	U		0.00111	0.0500	10	04/16/2022 14:07	WG1849454
Chloromethane	U		0.00960	0.0250	10	04/16/2022 14:07	WG1849454
1,2-Dibromoethane	U		0.00126	0.0100	10	04/16/2022 14:07	WG1849454
1,1-Dichloroethane	U		0.00100	0.0100	10	04/16/2022 14:07	WG1849454
1,2-Dichloroethane	U		0.000819	0.0100	10	04/16/2022 14:07	WG1849454
1,1-Dichloroethene	U		0.00188	0.0100	10	04/16/2022 14:07	WG1849454
cis-1,2-Dichloroethene	U		0.00126	0.0100	10	04/16/2022 14:07	WG1849454
trans-1,2-Dichloroethene	U		0.00149	0.0100	10	04/16/2022 14:07	WG1849454
1,2-Dichloropropane	U		0.00149	0.0100	10	04/16/2022 14:07	WG1849454
cis-1,3-Dichloropropene	U		0.00111	0.0100	10	04/16/2022 14:07	WG1849454
trans-1,3-Dichloropropene	U		0.00118	0.0100	10	04/16/2022 14:07	WG1849454
Ethylbenzene	0.00147	J	0.00137	0.0100	10	04/16/2022 14:07	WG1849454
Isopropylbenzene	0.0624		0.00105	0.0100	10	04/16/2022 14:07	WG1849454
p-Isopropyltoluene	0.00462	J	0.00120	0.0100	10	04/16/2022 14:07	WG1849454
2-Butanone (MEK)	U		0.0119	0.100	10	04/16/2022 14:07	WG1849454
2-Hexanone	U		0.00787	0.100	10	04/16/2022 14:07	WG1849454
Methylene Chloride	U		0.00430	0.0500	10	04/16/2022 14:07	WG1849454
4-Methyl-2-pentanone (MIBK)	U		0.00478	0.100	10	04/16/2022 14:07	WG1849454
Methyl tert-butyl ether	28.0		0.0505	0.500	500	04/20/2022 20:06	WG1851218
Naphthalene	U		0.0100	0.0500	10	04/16/2022 14:07	WG1849454
n-Propylbenzene	0.0610		0.000993	0.0100	10	04/16/2022 14:07	WG1849454
Styrene	U		0.00118	0.0100	10	04/16/2022 14:07	WG1849454
tert-Butyl alcohol	4.13		0.0406	0.0500	10	04/16/2022 14:07	WG1849454
1,1,1,2-Tetrachloroethane	U		0.00147	0.0100	10	04/16/2022 14:07	WG1849454
1,1,2,2-Tetrachloroethane	U		0.00133	0.0100	10	04/16/2022 14:07	WG1849454
Tetrachloroethene	U		0.00300	0.0100	10	04/16/2022 14:07	WG1849454
Toluene	U		0.00278	0.0100	10	04/16/2022 14:07	WG1849454
1,1,1-Trichloroethane	U		0.00149	0.0100	10	04/16/2022 14:07	WG1849454
1,1,2-Trichloroethane	U		0.00158	0.0100	10	04/16/2022 14:07	WG1849454
Trichloroethene	U		0.00190	0.0100	10	04/16/2022 14:07	WG1849454
1,2,4-Trimethylbenzene	0.00475	J	0.00322	0.0100	10	04/16/2022 14:07	WG1849454
1,3,5-Trimethylbenzene	U		0.00104	0.0100	10	04/16/2022 14:07	WG1849454
Vinyl chloride	U		0.00234	0.0100	10	04/16/2022 14:07	WG1849454
o-Xylene	U		0.00174	0.0100	10	04/16/2022 14:07	WG1849454
m&p-Xylene	U		0.00430	0.0200	10	04/16/2022 14:07	WG1849454
Xylenes, Total	U		0.00174	0.0300	10	04/16/2022 14:07	WG1849454
(S) Toluene-d8	*106*			*80.0-120*		*04/16/2022 14:07*	WG1849454
(S) Toluene-d8	*110*			*80.0-120*		*04/20/2022 20:06*	WG1851218
(S) 4-Bromofluorobenzene	*101*			*77.0-126*		*04/16/2022 14:07*	WG1849454
(S) 4-Bromofluorobenzene	*94.6*			*77.0-126*		*04/20/2022 20:06*	WG1851218
(S) 1,2-Dichloroethane-d4	*94.2*			*70.0-130*		*04/16/2022 14:07*	WG1849454
(S) 1,2-Dichloroethane-d4	*86.0*			*70.0-130*		*04/20/2022 20:06*	WG1851218

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	7.75		0.0247	0.100	1	04/27/2022 18:58	WG1854255
(S) o-Terphenyl	*112*			*31.0-160*		*04/27/2022 18:58*	WG1854255

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	3010		50.0	1	04/19/2022 18:10	WG1851013
Dissolved Solids	3930	Q	50.0	1	05/08/2022 03:19	WG1860459

Wet Chemistry by Method 353.2

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	0.106		0.0500	0.100	1	04/20/2022 22:00	WG1851464

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	794		7.58	20.0	20	04/18/2022 04:07	WG1849899
Fluoride	2.28		0.0640	0.150	1	04/18/2022 03:51	WG1849899
Sulfate	1370		11.9	100	20	04/18/2022 04:07	WG1849899

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00652		0.000180	0.00200	1	04/21/2022 10:24	WG1850320
Arsenic,Dissolved	0.00575		0.000180	0.00200	1	04/20/2022 14:56	WG1850292
Barium	0.0224		0.000381	0.00200	1	04/21/2022 10:24	WG1850320
Barium,Dissolved	0.0199		0.000381	0.00200	1	04/20/2022 14:56	WG1850292
Calcium	581	V	0.0936	1.00	1	04/21/2022 10:24	WG1850320
Chromium	0.00146	J	0.00124	0.00200	1	04/21/2022 10:24	WG1850320
Chromium,Dissolved	U		0.00124	0.00200	1	04/20/2022 14:56	WG1850292
Iron	3.76		0.0281	0.100	1	04/21/2022 10:24	WG1850320
Iron,Dissolved	2.85		0.0281	0.100	1	04/20/2022 14:56	WG1850292
Lead	U		0.000849	0.00200	1	04/21/2022 10:24	WG1850320
Lead,Dissolved	U		0.000849	0.00200	1	04/20/2022 14:56	WG1850292
Manganese	0.165		0.000704	0.00500	1	04/21/2022 10:24	WG1850320
Manganese,Dissolved	0.157		0.000704	0.00500	1	04/20/2022 14:56	WG1850292
Potassium	4.50		0.108	2.00	1	04/21/2022 10:24	WG1850320
Selenium	0.00158	J	0.000300	0.00200	1	04/21/2022 10:24	WG1850320
Selenium,Dissolved	0.00128	J	0.000300	0.00200	1	04/20/2022 14:56	WG1850292
Sodium	290	V	0.376	2.00	1	04/21/2022 10:24	WG1850320

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/16/2022 11:43	WG1849454
Benzene	U		0.0000941	0.00100	1	04/16/2022 11:43	WG1849454
Bromodichloromethane	U		0.000136	0.00100	1	04/16/2022 11:43	WG1849454
Bromoform	U		0.000129	0.00100	1	04/16/2022 11:43	WG1849454
Bromomethane	U		0.000605	0.00500	1	04/16/2022 11:43	WG1849454
n-Butylbenzene	U		0.000157	0.00100	1	04/16/2022 11:43	WG1849454
sec-Butylbenzene	U		0.000125	0.00100	1	04/16/2022 11:43	WG1849454
Carbon disulfide	U		0.0000962	0.00100	1	04/16/2022 11:43	WG1849454
Carbon tetrachloride	U		0.000128	0.00100	1	04/16/2022 11:43	WG1849454
Chlorobenzene	U		0.000116	0.00100	1	04/16/2022 11:43	WG1849454
Chlorodibromomethane	U		0.000140	0.00100	1	04/16/2022 11:43	WG1849454
Chloroethane	U		0.000192	0.00500	1	04/16/2022 11:43	WG1849454
Chloroform	U		0.000111	0.00500	1	04/16/2022 11:43	WG1849454
Chloromethane	U		0.000960	0.00250	1	04/16/2022 11:43	WG1849454
1,2-Dibromoethane	U		0.000126	0.00100	1	04/16/2022 11:43	WG1849454

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,1-Dichloroethane	U		0.000100	0.00100	1	04/16/2022 11:43	WG1849454
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/16/2022 11:43	WG1849454
1,1-Dichloroethene	U		0.000188	0.00100	1	04/16/2022 11:43	WG1849454
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/16/2022 11:43	WG1849454
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/16/2022 11:43	WG1849454
1,2-Dichloropropane	U		0.000149	0.00100	1	04/16/2022 11:43	WG1849454
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/16/2022 11:43	WG1849454
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/16/2022 11:43	WG1849454
Ethylbenzene	U		0.000137	0.00100	1	04/16/2022 11:43	WG1849454
Isopropylbenzene	U		0.000105	0.00100	1	04/16/2022 11:43	WG1849454
p-Isopropyltoluene	U		0.000120	0.00100	1	04/16/2022 11:43	WG1849454
2-Butanone (MEK)	U		0.00119	0.0100	1	04/16/2022 11:43	WG1849454
2-Hexanone	U		0.000787	0.0100	1	04/16/2022 11:43	WG1849454
Methylene Chloride	U		0.000430	0.00500	1	04/16/2022 11:43	WG1849454
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/16/2022 11:43	WG1849454
Methyl tert-butyl ether	0.000495	J	0.000101	0.00100	1	04/16/2022 11:43	WG1849454
Naphthalene	U		0.00100	0.00500	1	04/16/2022 11:43	WG1849454
n-Propylbenzene	U		0.0000993	0.00100	1	04/16/2022 11:43	WG1849454
Styrene	U		0.000118	0.00100	1	04/16/2022 11:43	WG1849454
tert-Butyl alcohol	U		0.00406	0.00500	1	04/16/2022 11:43	WG1849454
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/16/2022 11:43	WG1849454
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/16/2022 11:43	WG1849454
Tetrachloroethene	U		0.000300	0.00100	1	04/16/2022 11:43	WG1849454
Toluene	U		0.000278	0.00100	1	04/16/2022 11:43	WG1849454
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/16/2022 11:43	WG1849454
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/16/2022 11:43	WG1849454
Trichloroethene	U		0.000190	0.00100	1	04/16/2022 11:43	WG1849454
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/16/2022 11:43	WG1849454
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/16/2022 11:43	WG1849454
Vinyl chloride	U		0.000234	0.00100	1	04/16/2022 11:43	WG1849454
o-Xylene	U		0.000174	0.00100	1	04/16/2022 11:43	WG1849454
m&p-Xylene	U		0.000430	0.00200	1	04/16/2022 11:43	WG1849454
Xylenes, Total	U		0.000174	0.00300	1	04/16/2022 11:43	WG1849454
(S) Toluene-d8	*107*			*80.0-120*		*04/16/2022 11:43*	WG1849454
(S) 4-Bromofluorobenzene	*101*			*77.0-126*		*04/16/2022 11:43*	WG1849454
(S) 1,2-Dichloroethane-d4	*102*			*70.0-130*		*04/16/2022 11:43*	WG1849454

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	12.6		0.0494	0.200	2	04/28/2022 21:57	WG1854255
(S) o-Terphenyl	*107*			*31.0-160*		*04/28/2022 21:57*	WG1854255

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	1870		50.0	1	04/19/2022 18:52	WG1851047

Wet Chemistry by Method 353.2

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	0.0656	J	0.0500	0.100	1	04/20/2022 22:01	WG1851464

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	118		7.58	20.0	20	04/18/2022 04:38	WG1849899
Fluoride	1.64		0.0640	0.150	1	04/18/2022 04:22	WG1849899
Sulfate	1380		11.9	100	20	04/18/2022 04:38	WG1849899

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.0149		0.000180	0.00200	1	04/21/2022 10:37	WG1850320
Arsenic,Dissolved	0.0168		0.000180	0.00200	1	04/20/2022 14:59	WG1850292
Barium	0.0186		0.000381	0.00200	1	04/21/2022 10:37	WG1850320
Barium,Dissolved	0.0180		0.000381	0.00200	1	04/20/2022 14:59	WG1850292
Calcium	332		0.0936	1.00	1	04/21/2022 10:37	WG1850320
Chromium	0.00237		0.00124	0.00200	1	04/21/2022 10:37	WG1850320
Chromium,Dissolved	U		0.00124	0.00200	1	04/20/2022 14:59	WG1850292
Iron	0.611		0.0281	0.100	1	04/21/2022 10:37	WG1850320
Iron,Dissolved	0.660		0.0281	0.100	1	04/20/2022 14:59	WG1850292
Lead	0.00107	J	0.000849	0.00200	1	04/21/2022 10:37	WG1850320
Lead,Dissolved	U		0.000849	0.00200	1	04/20/2022 14:59	WG1850292
Manganese	0.777		0.000704	0.00500	1	04/21/2022 10:37	WG1850320
Manganese,Dissolved	0.794		0.000704	0.00500	1	04/20/2022 14:59	WG1850292
Potassium	2.17	B	0.108	2.00	1	04/21/2022 10:37	WG1850320
Selenium	0.000418	J	0.000300	0.00200	1	04/21/2022 10:37	WG1850320
Selenium,Dissolved	U		0.000300	0.00200	1	04/20/2022 14:59	WG1850292
Sodium	145		0.376	2.00	1	04/21/2022 10:37	WG1850320

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/16/2022 16:32	WG1849458
Benzene	U		0.0000941	0.00100	1	04/16/2022 16:32	WG1849458
Bromodichloromethane	U		0.000136	0.00100	1	04/16/2022 16:32	WG1849458
Bromoform	U		0.000129	0.00100	1	04/16/2022 16:32	WG1849458
Bromomethane	U		0.000605	0.00500	1	04/16/2022 16:32	WG1849458
n-Butylbenzene	U		0.000157	0.00100	1	04/16/2022 16:32	WG1849458
sec-Butylbenzene	0.000157	J	0.000125	0.00100	1	04/16/2022 16:32	WG1849458
Carbon disulfide	U		0.0000962	0.00100	1	04/16/2022 16:32	WG1849458
Carbon tetrachloride	U		0.000128	0.00100	1	04/16/2022 16:32	WG1849458
Chlorobenzene	U		0.000116	0.00100	1	04/16/2022 16:32	WG1849458
Chlorodibromomethane	U		0.000140	0.00100	1	04/16/2022 16:32	WG1849458
Chloroethane	U		0.000192	0.00500	1	04/16/2022 16:32	WG1849458
Chloroform	U		0.000111	0.00500	1	04/16/2022 16:32	WG1849458
Chloromethane	U		0.000960	0.00250	1	04/16/2022 16:32	WG1849458
1,2-Dibromoethane	U		0.000126	0.00100	1	04/16/2022 16:32	WG1849458
1,1-Dichloroethane	U		0.000100	0.00100	1	04/16/2022 16:32	WG1849458

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/16/2022 16:32	WG1849458
1,1-Dichloroethene	U		0.000188	0.00100	1	04/16/2022 16:32	WG1849458
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/16/2022 16:32	WG1849458
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/16/2022 16:32	WG1849458
1,2-Dichloropropane	U		0.000149	0.00100	1	04/16/2022 16:32	WG1849458
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/16/2022 16:32	WG1849458
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/16/2022 16:32	WG1849458
Ethylbenzene	U		0.000137	0.00100	1	04/16/2022 16:32	WG1849458
Isopropylbenzene	0.000827	J	0.000105	0.00100	1	04/16/2022 16:32	WG1849458
p-Isopropyltoluene	U		0.000120	0.00100	1	04/16/2022 16:32	WG1849458
2-Butanone (MEK)	U		0.00119	0.0100	1	04/16/2022 16:32	WG1849458
2-Hexanone	U		0.000787	0.0100	1	04/16/2022 16:32	WG1849458
Methylene Chloride	U		0.000430	0.00500	1	04/16/2022 16:32	WG1849458
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/16/2022 16:32	WG1849458
Methyl tert-butyl ether	0.000327	J	0.000101	0.00100	1	04/16/2022 16:32	WG1849458
Naphthalene	U		0.00100	0.00500	1	04/16/2022 16:32	WG1849458
n-Propylbenzene	U		0.0000993	0.00100	1	04/16/2022 16:32	WG1849458
Styrene	U		0.000118	0.00100	1	04/16/2022 16:32	WG1849458
tert-Butyl alcohol	U		0.00406	0.00500	1	04/16/2022 16:32	WG1849458
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/16/2022 16:32	WG1849458
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/16/2022 16:32	WG1849458
Tetrachloroethene	U		0.000300	0.00100	1	04/16/2022 16:32	WG1849458
Toluene	U		0.000278	0.00100	1	04/16/2022 16:32	WG1849458
1,1,1-Trichloroethane	U	J4	0.000149	0.00100	1	04/16/2022 16:32	WG1849458
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/16/2022 16:32	WG1849458
Trichloroethene	U	J4	0.000190	0.00100	1	04/16/2022 16:32	WG1849458
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/16/2022 16:32	WG1849458
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/16/2022 16:32	WG1849458
Vinyl chloride	U		0.000234	0.00100	1	04/16/2022 16:32	WG1849458
o-Xylene	U		0.000174	0.00100	1	04/16/2022 16:32	WG1849458
m&p-Xylene	U		0.000430	0.00200	1	04/16/2022 16:32	WG1849458
Xylenes, Total	U		0.000174	0.00300	1	04/16/2022 16:32	WG1849458
(S) Toluene-d8	*101*			*80.0-120*		*04/16/2022 16:32*	WG1849458
(S) 4-Bromofluorobenzene	*110*			*77.0-126*		*04/16/2022 16:32*	WG1849458
(S) 1,2-Dichloroethane-d4	*103*			*70.0-130*		*04/16/2022 16:32*	WG1849458

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	3.70		0.0247	0.100	1	04/28/2022 21:37	WG1854255
(S) o-Terphenyl	*90.0*			*31.0-160*		*04/28/2022 21:37*	WG1854255

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Dissolved Solids	2720		50.0	1	04/16/2022 15:07	WG1849632

Wet Chemistry by Method 353.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Nitrate-Nitrite	2.89		0.0500	0.100	1	04/20/2022 22:05	WG1851464

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Chloride	99.8		0.379	1.00	1	04/18/2022 04:53	WG1849899
Fluoride	1.21		0.0640	0.150	1	04/18/2022 04:53	WG1849899
Sulfate	1780		11.9	100	20	04/18/2022 05:08	WG1849899

Metals (ICPMS) by Method 6020

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Arsenic	0.00232		0.000180	0.00200	1	04/21/2022 10:40	WG1850320
Arsenic,Dissolved	0.00284		0.000180	0.00200	1	04/20/2022 15:02	WG1850292
Barium	0.0219		0.000381	0.00200	1	04/21/2022 10:40	WG1850320
Barium,Dissolved	0.0159		0.000381	0.00200	1	04/20/2022 15:02	WG1850292
Calcium	454		0.0936	1.00	1	04/21/2022 10:40	WG1850320
Chromium	0.00544		0.00124	0.00200	1	04/21/2022 10:40	WG1850320
Chromium,Dissolved	U		0.00124	0.00200	1	04/20/2022 15:02	WG1850292
Iron	0.353		0.0281	0.100	1	04/21/2022 10:40	WG1850320
Iron,Dissolved	U		0.0281	0.100	1	04/20/2022 15:02	WG1850292
Lead	0.00255		0.000849	0.00200	1	04/21/2022 10:40	WG1850320
Lead,Dissolved	U		0.000849	0.00200	1	04/20/2022 15:02	WG1850292
Manganese	1.33		0.000704	0.00500	1	04/21/2022 10:40	WG1850320
Manganese,Dissolved	1.35		0.000704	0.00500	1	04/20/2022 15:02	WG1850292
Potassium	3.71		0.108	2.00	1	04/21/2022 10:40	WG1850320
Selenium	0.00239		0.000300	0.00200	1	04/21/2022 10:40	WG1850320
Selenium,Dissolved	0.00279		0.000300	0.00200	1	04/20/2022 15:02	WG1850292
Sodium	101		0.376	2.00	1	04/21/2022 10:40	WG1850320

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Acetone	U		0.0113	0.0500	1	04/16/2022 16:53	WG1849458
Benzene	U		0.0000941	0.00100	1	04/16/2022 16:53	WG1849458
Bromodichloromethane	U		0.000136	0.00100	1	04/16/2022 16:53	WG1849458
Bromoform	U		0.000129	0.00100	1	04/16/2022 16:53	WG1849458
Bromomethane	U		0.000605	0.00500	1	04/16/2022 16:53	WG1849458
n-Butylbenzene	U		0.000157	0.00100	1	04/16/2022 16:53	WG1849458
sec-Butylbenzene	U		0.000125	0.00100	1	04/16/2022 16:53	WG1849458
Carbon disulfide	U		0.0000962	0.00100	1	04/16/2022 16:53	WG1849458
Carbon tetrachloride	U		0.000128	0.00100	1	04/16/2022 16:53	WG1849458
Chlorobenzene	U		0.000116	0.00100	1	04/16/2022 16:53	WG1849458
Chlorodibromomethane	U		0.000140	0.00100	1	04/16/2022 16:53	WG1849458
Chloroethane	U		0.000192	0.00500	1	04/16/2022 16:53	WG1849458
Chloroform	U		0.000111	0.00500	1	04/16/2022 16:53	WG1849458
Chloromethane	U		0.000960	0.00250	1	04/16/2022 16:53	WG1849458
1,2-Dibromoethane	U		0.000126	0.00100	1	04/16/2022 16:53	WG1849458
1,1-Dichloroethane	U		0.000100	0.00100	1	04/16/2022 16:53	WG1849458

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/16/2022 16:53	WG1849458
1,1-Dichloroethene	U		0.000188	0.00100	1	04/16/2022 16:53	WG1849458
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/16/2022 16:53	WG1849458
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/16/2022 16:53	WG1849458
1,2-Dichloropropane	U		0.000149	0.00100	1	04/16/2022 16:53	WG1849458
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/16/2022 16:53	WG1849458
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/16/2022 16:53	WG1849458
Ethylbenzene	U		0.000137	0.00100	1	04/16/2022 16:53	WG1849458
Isopropylbenzene	U		0.000105	0.00100	1	04/16/2022 16:53	WG1849458
p-Isopropyltoluene	U		0.000120	0.00100	1	04/16/2022 16:53	WG1849458
2-Butanone (MEK)	U		0.00119	0.0100	1	04/16/2022 16:53	WG1849458
2-Hexanone	U		0.000787	0.0100	1	04/16/2022 16:53	WG1849458
Methylene Chloride	U		0.000430	0.00500	1	04/16/2022 16:53	WG1849458
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/16/2022 16:53	WG1849458
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/16/2022 16:53	WG1849458
Naphthalene	U		0.00100	0.00500	1	04/16/2022 16:53	WG1849458
n-Propylbenzene	U		0.0000993	0.00100	1	04/16/2022 16:53	WG1849458
Styrene	U		0.000118	0.00100	1	04/16/2022 16:53	WG1849458
tert-Butyl alcohol	U		0.00406	0.00500	1	04/16/2022 16:53	WG1849458
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/16/2022 16:53	WG1849458
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/16/2022 16:53	WG1849458
Tetrachloroethene	U		0.000300	0.00100	1	04/16/2022 16:53	WG1849458
Toluene	U		0.000278	0.00100	1	04/16/2022 16:53	WG1849458
1,1,1-Trichloroethane	U	J4	0.000149	0.00100	1	04/16/2022 16:53	WG1849458
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/16/2022 16:53	WG1849458
Trichloroethene	U	J4	0.000190	0.00100	1	04/16/2022 16:53	WG1849458
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/16/2022 16:53	WG1849458
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/16/2022 16:53	WG1849458
Vinyl chloride	U		0.000234	0.00100	1	04/16/2022 16:53	WG1849458
o-Xylene	U		0.000174	0.00100	1	04/16/2022 16:53	WG1849458
m&p-Xylene	U		0.000430	0.00200	1	04/16/2022 16:53	WG1849458
Xylenes, Total	U		0.000174	0.00300	1	04/16/2022 16:53	WG1849458
(S) Toluene-d8	*101*			*80.0-120*		*04/16/2022 16:53*	WG1849458
(S) 4-Bromofluorobenzene	*104*			*77.0-126*		*04/16/2022 16:53*	WG1849458
(S) 1,2-Dichloroethane-d4	*103*			*70.0-130*		*04/16/2022 16:53*	WG1849458

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.962		0.0247	0.100	1	04/28/2022 21:16	WG1854255
(S) o-Terphenyl	*71.6*			*31.0-160*		*04/28/2022 21:16*	WG1854255

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	1540		25.0	1	04/19/2022 18:10	WG1851013

Wet Chemistry by Method 353.2

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	U		1.00	2.00	20	04/20/2022 22:06	WG1851464

Sample Narrative:

L1482377-72 WG1851464: Dilution due to sulfide hit.

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	29.7		0.379	1.00	1	04/18/2022 05:24	WG1849899
Fluoride	1.30		0.0640	0.150	1	04/18/2022 05:24	WG1849899
Sulfate	737		11.9	100	20	04/18/2022 05:39	WG1849899

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.000526	J	0.000180	0.00200	1	04/21/2022 10:44	WG1850320
Arsenic,Dissolved	0.000635	J	0.000180	0.00200	1	04/20/2022 15:06	WG1850292
Barium	0.0461		0.000381	0.00200	1	04/21/2022 10:44	WG1850320
Barium,Dissolved	0.0451		0.000381	0.00200	1	04/20/2022 15:06	WG1850292
Calcium	190		0.0936	1.00	1	04/21/2022 10:44	WG1850320
Chromium	U		0.00124	0.00200	1	04/21/2022 10:44	WG1850320
Chromium,Dissolved	U		0.00124	0.00200	1	04/20/2022 15:06	WG1850292
Iron	0.0411	J	0.0281	0.100	1	04/21/2022 10:44	WG1850320
Iron,Dissolved	U		0.0281	0.100	1	04/20/2022 15:06	WG1850292
Lead	U		0.000849	0.00200	1	04/21/2022 10:44	WG1850320
Lead,Dissolved	U		0.000849	0.00200	1	04/20/2022 15:06	WG1850292
Manganese	0.0392		0.000704	0.00500	1	04/21/2022 10:44	WG1850320
Manganese,Dissolved	0.0409		0.000704	0.00500	1	04/20/2022 15:06	WG1850292
Potassium	0.593	B J	0.108	2.00	1	04/21/2022 10:44	WG1850320
Selenium	U		0.000300	0.00200	1	04/21/2022 10:44	WG1850320
Selenium,Dissolved	U		0.000300	0.00200	1	04/20/2022 15:06	WG1850292
Sodium	48.7		0.376	2.00	1	04/21/2022 10:44	WG1850320

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/19/2022 11:22	WG1850722
Benzene	0.0819		0.0000941	0.00100	1	04/19/2022 11:22	WG1850722
Bromodichloromethane	U		0.000136	0.00100	1	04/19/2022 11:22	WG1850722
Bromoform	U		0.000129	0.00100	1	04/19/2022 11:22	WG1850722
Bromomethane	U		0.000605	0.00500	1	04/19/2022 11:22	WG1850722
n-Butylbenzene	0.00161		0.000157	0.00100	1	04/19/2022 11:22	WG1850722
sec-Butylbenzene	0.00558		0.000125	0.00100	1	04/19/2022 11:22	WG1850722
Carbon disulfide	0.000327	J	0.0000962	0.00100	1	04/19/2022 11:22	WG1850722
Carbon tetrachloride	U		0.000128	0.00100	1	04/19/2022 11:22	WG1850722
Chlorobenzene	U		0.000116	0.00100	1	04/19/2022 11:22	WG1850722
Chlorodibromomethane	U		0.000140	0.00100	1	04/19/2022 11:22	WG1850722
Chloroethane	U		0.000192	0.00500	1	04/19/2022 11:22	WG1850722
Chloroform	U		0.000111	0.00500	1	04/19/2022 11:22	WG1850722

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloromethane	U		0.000960	0.00250	1	04/19/2022 11:22	WG1850722
1,2-Dibromoethane	U		0.000126	0.00100	1	04/19/2022 11:22	WG1850722
1,1-Dichloroethane	U		0.000100	0.00100	1	04/19/2022 11:22	WG1850722
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/19/2022 11:22	WG1850722
1,1-Dichloroethene	U		0.000188	0.00100	1	04/19/2022 11:22	WG1850722
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/19/2022 11:22	WG1850722
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/19/2022 11:22	WG1850722
1,2-Dichloropropane	U		0.000149	0.00100	1	04/19/2022 11:22	WG1850722
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/19/2022 11:22	WG1850722
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/19/2022 11:22	WG1850722
Ethylbenzene	0.000543	J	0.000137	0.00100	1	04/19/2022 11:22	WG1850722
Isopropylbenzene	0.0259		0.000105	0.00100	1	04/19/2022 11:22	WG1850722
p-Isopropyltoluene	0.000246	J	0.000120	0.00100	1	04/19/2022 11:22	WG1850722
2-Butanone (MEK)	U		0.00119	0.0100	1	04/19/2022 11:22	WG1850722
2-Hexanone	U		0.000787	0.0100	1	04/19/2022 11:22	WG1850722
Methylene Chloride	U		0.000430	0.00500	1	04/19/2022 11:22	WG1850722
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/19/2022 11:22	WG1850722
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/19/2022 11:22	WG1850722
Naphthalene	U	J4	0.00100	0.00500	1	04/19/2022 11:22	WG1850722
n-Propylbenzene	0.0187		0.0000993	0.00100	1	04/19/2022 11:22	WG1850722
Styrene	U		0.000118	0.00100	1	04/19/2022 11:22	WG1850722
tert-Butyl alcohol	U		0.00406	0.00500	1	04/19/2022 11:22	WG1850722
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/19/2022 11:22	WG1850722
1,1,2,2-Tetrachloroethane	0.000143	J	0.000133	0.00100	1	04/19/2022 11:22	WG1850722
Tetrachloroethene	U		0.000300	0.00100	1	04/19/2022 11:22	WG1850722
Toluene	0.000503	J	0.000278	0.00100	1	04/19/2022 11:22	WG1850722
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/19/2022 11:22	WG1850722
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/19/2022 11:22	WG1850722
Trichloroethene	U		0.000190	0.00100	1	04/19/2022 11:22	WG1850722
1,2,4-Trimethylbenzene	0.00119		0.000322	0.00100	1	04/19/2022 11:22	WG1850722
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/19/2022 11:22	WG1850722
Vinyl chloride	U		0.000234	0.00100	1	04/19/2022 11:22	WG1850722
o-Xylene	0.000211	J	0.000174	0.00100	1	04/19/2022 11:22	WG1850722
m&p-Xylene	0.00386		0.000430	0.00200	1	04/19/2022 11:22	WG1850722
Xylenes, Total	0.00407		0.000174	0.00300	1	04/19/2022 11:22	WG1850722
(S) Toluene-d8	*103*			*80.0-120*		*04/19/2022 11:22*	WG1850722
(S) 4-Bromofluorobenzene	*101*			*77.0-126*		*04/19/2022 11:22*	WG1850722
(S) 1,2-Dichloroethane-d4	*94.9*			*70.0-130*		*04/19/2022 11:22*	WG1850722

EDB / DBCP by Method 8011

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Ethylene Dibromide	U		0.00000541	0.0000202	1.01	04/19/2022 01:08	WG1850030

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	2.83		0.0247	0.100	1	04/27/2022 20:32	WG1854255
(S) o-Terphenyl	*112*			*31.0-160*		*04/27/2022 20:32*	WG1854255

Semi Volatile Organic Compounds (GC/MS) by Method 8270 C-mod

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,4-Dioxane	U		0.0000447	0.000400	1	04/17/2022 19:38	WG1849044
(S) Nitrobenzene-d5	*58.2*			*10.0-120*		*04/17/2022 19:38*	WG1849044

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	1610		20.0	1	04/16/2022 15:07	WG1849632

Wet Chemistry by Method 353.2

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	U		0.0500	0.100	1	04/20/2022 22:08	WG1851464

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	32.7		0.379	1.00	1	04/18/2022 05:55	WG1849899
Fluoride	1.34		0.0640	0.150	1	04/18/2022 05:55	WG1849899
Sulfate	966		11.9	100	20	04/18/2022 06:41	WG1849899

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.0115		0.000180	0.00200	1	04/21/2022 10:47	WG1850320
Arsenic,Dissolved	0.0115		0.000180	0.00200	1	04/20/2022 15:09	WG1850292
Barium	0.0143		0.000381	0.00200	1	04/21/2022 10:47	WG1850320
Barium,Dissolved	0.0153		0.000381	0.00200	1	04/20/2022 15:09	WG1850292
Calcium	199		0.0936	1.00	1	04/21/2022 10:47	WG1850320
Chromium	U		0.00124	0.00200	1	04/21/2022 10:47	WG1850320
Chromium,Dissolved	U		0.00124	0.00200	1	04/20/2022 15:09	WG1850292
Iron	0.476		0.0281	0.100	1	04/21/2022 10:47	WG1850320
Iron,Dissolved	0.503		0.0281	0.100	1	04/20/2022 15:09	WG1850292
Lead	U		0.000849	0.00200	1	04/21/2022 10:47	WG1850320
Lead,Dissolved	0.00224		0.000849	0.00200	1	04/20/2022 15:09	WG1850292
Manganese	1.55		0.000704	0.00500	1	04/21/2022 10:47	WG1850320
Manganese,Dissolved	1.56		0.000704	0.00500	1	04/20/2022 15:09	WG1850292
Potassium	0.563	B J	0.108	2.00	1	04/21/2022 10:47	WG1850320
Selenium	U		0.000300	0.00200	1	04/21/2022 10:47	WG1850320
Selenium,Dissolved	0.000671	J	0.000300	0.00200	1	04/20/2022 15:09	WG1850292
Sodium	33.4		0.376	2.00	1	04/21/2022 10:47	WG1850320

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/16/2022 17:14	WG1849458
Benzene	U		0.0000941	0.00100	1	04/16/2022 17:14	WG1849458
Bromodichloromethane	U		0.000136	0.00100	1	04/16/2022 17:14	WG1849458
Bromoform	U		0.000129	0.00100	1	04/16/2022 17:14	WG1849458
Bromomethane	U		0.000605	0.00500	1	04/16/2022 17:14	WG1849458
n-Butylbenzene	U		0.000157	0.00100	1	04/16/2022 17:14	WG1849458
sec-Butylbenzene	U		0.000125	0.00100	1	04/16/2022 17:14	WG1849458
Carbon disulfide	U		0.0000962	0.00100	1	04/16/2022 17:14	WG1849458
Carbon tetrachloride	U		0.000128	0.00100	1	04/16/2022 17:14	WG1849458
Chlorobenzene	U		0.000116	0.00100	1	04/16/2022 17:14	WG1849458
Chlorodibromomethane	U		0.000140	0.00100	1	04/16/2022 17:14	WG1849458
Chloroethane	U		0.000192	0.00500	1	04/16/2022 17:14	WG1849458
Chloroform	U		0.000111	0.00500	1	04/16/2022 17:14	WG1849458
Chloromethane	U		0.000960	0.00250	1	04/16/2022 17:14	WG1849458
1,2-Dibromoethane	U		0.000126	0.00100	1	04/16/2022 17:14	WG1849458
1,1-Dichloroethane	U		0.000100	0.00100	1	04/16/2022 17:14	WG1849458

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/16/2022 17:14	WG1849458
1,1-Dichloroethene	U		0.000188	0.00100	1	04/16/2022 17:14	WG1849458
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/16/2022 17:14	WG1849458
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/16/2022 17:14	WG1849458
1,2-Dichloropropane	U		0.000149	0.00100	1	04/16/2022 17:14	WG1849458
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/16/2022 17:14	WG1849458
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/16/2022 17:14	WG1849458
Ethylbenzene	U		0.000137	0.00100	1	04/16/2022 17:14	WG1849458
Isopropylbenzene	U		0.000105	0.00100	1	04/16/2022 17:14	WG1849458
p-Isopropyltoluene	U		0.000120	0.00100	1	04/16/2022 17:14	WG1849458
2-Butanone (MEK)	U		0.00119	0.0100	1	04/16/2022 17:14	WG1849458
2-Hexanone	U		0.000787	0.0100	1	04/16/2022 17:14	WG1849458
Methylene Chloride	U		0.000430	0.00500	1	04/16/2022 17:14	WG1849458
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/16/2022 17:14	WG1849458
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/16/2022 17:14	WG1849458
Naphthalene	U		0.00100	0.00500	1	04/16/2022 17:14	WG1849458
n-Propylbenzene	U		0.0000993	0.00100	1	04/16/2022 17:14	WG1849458
Styrene	U		0.000118	0.00100	1	04/16/2022 17:14	WG1849458
tert-Butyl alcohol	U		0.00406	0.00500	1	04/16/2022 17:14	WG1849458
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/16/2022 17:14	WG1849458
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/16/2022 17:14	WG1849458
Tetrachloroethene	U		0.000300	0.00100	1	04/16/2022 17:14	WG1849458
Toluene	U		0.000278	0.00100	1	04/16/2022 17:14	WG1849458
1,1,1-Trichloroethane	U	J4	0.000149	0.00100	1	04/16/2022 17:14	WG1849458
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/16/2022 17:14	WG1849458
Trichloroethene	U	J4	0.000190	0.00100	1	04/16/2022 17:14	WG1849458
1,2,4-Trimethylbenzene	0.000623	J	0.000322	0.00100	1	04/16/2022 17:14	WG1849458
1,3,5-Trimethylbenzene	0.000135	J	0.000104	0.00100	1	04/16/2022 17:14	WG1849458
Vinyl chloride	U		0.000234	0.00100	1	04/16/2022 17:14	WG1849458
o-Xylene	U		0.000174	0.00100	1	04/16/2022 17:14	WG1849458
m&p-Xylene	U		0.000430	0.00200	1	04/16/2022 17:14	WG1849458
Xylenes, Total	U		0.000174	0.00300	1	04/16/2022 17:14	WG1849458
(S) Toluene-d8	*99.5*			*80.0-120*		*04/16/2022 17:14*	WG1849458
(S) 4-Bromofluorobenzene	*101*			*77.0-126*		*04/16/2022 17:14*	WG1849458
(S) 1,2-Dichloroethane-d4	*100*			*70.0-130*		*04/16/2022 17:14*	WG1849458

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.469		0.0247	0.100	1	04/28/2022 20:16	WG1854255
(S) o-Terphenyl	*86.3*			*31.0-160*		*04/28/2022 20:16*	WG1854255

Semi Volatile Organic Compounds (GC/MS) by Method 8270 C-mod

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,4-Dioxane	U		0.0000447	0.000400	1	04/17/2022 19:57	WG1849044
(S) Nitrobenzene-d5	*66.3*			*10.0-120*		*04/17/2022 19:57*	WG1849044

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Dissolved Solids	2120		50.0	1	04/16/2022 15:07	WG1849632

Wet Chemistry by Method 353.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Nitrate-Nitrite	0.0550	J	0.0500	0.100	1	04/20/2022 22:09	WG1851464

Wet Chemistry by Method 4500CN E-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Cyanide	U		0.00180	0.00500	1	04/19/2022 17:26	WG1849788

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Chloride	408		7.58	20.0	20	04/18/2022 07:12	WG1849899
Fluoride	1.20		0.0640	0.150	1	04/18/2022 06:56	WG1849899
Sulfate	685		11.9	100	20	04/18/2022 07:12	WG1849899

Mercury by Method 7470A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Mercury	U		0.000100	0.000200	1	04/27/2022 11:12	WG1848992
Mercury,Dissolved	U		0.000100	0.000200	1	04/27/2022 09:47	WG1848996

Metals (ICP) by Method 6010B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Boron	0.550		0.0200	0.200	1	04/22/2022 19:04	WG1850365
Boron,Dissolved	0.555		0.0200	0.200	1	04/22/2022 16:41	WG1850351

Metals (ICPMS) by Method 6020

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Arsenic	0.00633		0.000180	0.00200	1	04/21/2022 11:06	WG1850320
Arsenic,Dissolved	0.00679		0.000180	0.00200	1	04/20/2022 15:19	WG1850292
Barium	0.0151		0.000381	0.00200	1	04/21/2022 11:06	WG1850320
Barium,Dissolved	0.0158		0.000381	0.00200	1	04/20/2022 15:19	WG1850292
Cadmium	U		0.000150	0.00100	1	04/21/2022 11:06	WG1850320
Cadmium,Dissolved	0.000499	J	0.000150	0.00100	1	04/20/2022 15:19	WG1850292
Calcium	232		0.0936	1.00	1	04/21/2022 11:06	WG1850320
Chromium	U		0.00124	0.00200	1	04/21/2022 11:06	WG1850320
Chromium,Dissolved	U		0.00124	0.00200	1	04/20/2022 15:19	WG1850292
Cobalt	0.000316	J	0.0000596	0.00200	1	04/21/2022 11:06	WG1850320
Cobalt,Dissolved	0.000849	J	0.0000596	0.00200	1	04/20/2022 15:19	WG1850292
Iron	U		0.0281	0.100	1	04/21/2022 11:06	WG1850320
Iron,Dissolved	U		0.0281	0.100	1	04/20/2022 15:19	WG1850292
Lead	U		0.000849	0.00200	1	04/21/2022 11:06	WG1850320
Lead,Dissolved	U		0.000849	0.00200	1	04/20/2022 15:19	WG1850292
Manganese	0.211		0.000704	0.00500	1	04/21/2022 11:06	WG1850320
Manganese,Dissolved	0.206		0.000704	0.00500	1	04/20/2022 15:19	WG1850292
Nickel	0.00383		0.000816	0.00200	1	04/21/2022 11:06	WG1850320
Nickel,Dissolved	0.00603		0.000816	0.00200	1	04/20/2022 15:19	WG1850292

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Potassium	0.640	B J	0.108	2.00	1	04/21/2022 11:06	WG1850320
Selenium	0.00131	J	0.000300	0.00200	1	04/21/2022 11:06	WG1850320
Selenium,Dissolved	0.00174	J	0.000300	0.00200	1	04/20/2022 15:19	WG1850292
Sodium	228		0.376	2.00	1	04/21/2022 11:06	WG1850320
Uranium	0.0201		0.0000789	0.00100	1	04/21/2022 11:06	WG1850320
Uranium,Dissolved	0.0188		0.0000789	0.00100	1	04/20/2022 15:19	WG1850292
Vanadium	0.0174		0.000664	0.00500	1	04/21/2022 11:06	WG1850320
Vanadium,Dissolved	0.0182		0.000664	0.00500	1	04/20/2022 15:19	WG1850292

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	0.190		0.0314	0.100	1	04/18/2022 20:13	WG1850042
(S) a,a,a-Trifluorotoluene(FID)	*98.8*			*78.0-120*		*04/18/2022 20:13*	WG1850042

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.113	0.500	10	04/16/2022 21:31	WG1849458
Benzene	U		0.000941	0.0100	10	04/16/2022 21:31	WG1849458
Bromodichloromethane	U		0.00136	0.0100	10	04/16/2022 21:31	WG1849458
Bromoform	U		0.00129	0.0100	10	04/16/2022 21:31	WG1849458
Bromomethane	U		0.00605	0.0500	10	04/16/2022 21:31	WG1849458
n-Butylbenzene	U		0.00157	0.0100	10	04/16/2022 21:31	WG1849458
sec-Butylbenzene	U		0.00125	0.0100	10	04/16/2022 21:31	WG1849458
Carbon disulfide	U		0.000962	0.0100	10	04/16/2022 21:31	WG1849458
Carbon tetrachloride	U		0.00128	0.0100	10	04/16/2022 21:31	WG1849458
Chlorobenzene	U		0.00116	0.0100	10	04/16/2022 21:31	WG1849458
Chlorodibromomethane	U		0.00140	0.0100	10	04/16/2022 21:31	WG1849458
Chloroethane	U		0.00192	0.0500	10	04/16/2022 21:31	WG1849458
Chloroform	U		0.00111	0.0500	10	04/16/2022 21:31	WG1849458
Chloromethane	U		0.00960	0.0250	10	04/16/2022 21:31	WG1849458
1,2-Dibromoethane	U		0.00126	0.0100	10	04/16/2022 21:31	WG1849458
1,1-Dichloroethane	U		0.00100	0.0100	10	04/16/2022 21:31	WG1849458
1,2-Dichloroethane	U		0.000819	0.0100	10	04/16/2022 21:31	WG1849458
1,1-Dichloroethene	U		0.00188	0.0100	10	04/16/2022 21:31	WG1849458
cis-1,2-Dichloroethene	U		0.00126	0.0100	10	04/16/2022 21:31	WG1849458
trans-1,2-Dichloroethene	U		0.00149	0.0100	10	04/16/2022 21:31	WG1849458
1,2-Dichloropropane	U		0.00149	0.0100	10	04/16/2022 21:31	WG1849458
cis-1,3-Dichloropropene	U		0.00111	0.0100	10	04/16/2022 21:31	WG1849458
trans-1,3-Dichloropropene	U		0.00118	0.0100	10	04/16/2022 21:31	WG1849458
Ethylbenzene	U		0.00137	0.0100	10	04/16/2022 21:31	WG1849458
Isopropylbenzene	U		0.00105	0.0100	10	04/16/2022 21:31	WG1849458
p-Isopropyltoluene	U		0.00120	0.0100	10	04/16/2022 21:31	WG1849458
2-Butanone (MEK)	U		0.0119	0.100	10	04/16/2022 21:31	WG1849458
2-Hexanone	U		0.00787	0.100	10	04/16/2022 21:31	WG1849458
Methylene Chloride	U		0.00430	0.0500	10	04/16/2022 21:31	WG1849458
4-Methyl-2-pentanone (MIBK)	U		0.00478	0.100	10	04/16/2022 21:31	WG1849458
Methyl tert-butyl ether	0.438		0.00101	0.0100	10	04/16/2022 21:31	WG1849458
Naphthalene	U		0.0100	0.0500	10	04/16/2022 21:31	WG1849458
n-Propylbenzene	U		0.000993	0.0100	10	04/16/2022 21:31	WG1849458
Styrene	U		0.00118	0.0100	10	04/16/2022 21:31	WG1849458
tert-Butyl alcohol	U		0.0406	0.0500	10	04/16/2022 21:31	WG1849458
1,1,1,2-Tetrachloroethane	U		0.00147	0.0100	10	04/16/2022 21:31	WG1849458
1,1,2,2-Tetrachloroethane	U		0.00133	0.0100	10	04/16/2022 21:31	WG1849458

MW-33
Collected date/time: 04/12/22 14:15
L1482377

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Tetrachloroethene	U		0.00300	0.0100	10	04/16/2022 21:31	WG1849458
Toluene	U		0.00278	0.0100	10	04/16/2022 21:31	WG1849458
1,1,1-Trichloroethane	U	J4	0.00149	0.0100	10	04/16/2022 21:31	WG1849458
1,1,2-Trichloroethane	U		0.00158	0.0100	10	04/16/2022 21:31	WG1849458
Trichloroethene	U	J4	0.00190	0.0100	10	04/16/2022 21:31	WG1849458
1,2,4-Trimethylbenzene	U		0.00322	0.0100	10	04/16/2022 21:31	WG1849458
1,3,5-Trimethylbenzene	U		0.00104	0.0100	10	04/16/2022 21:31	WG1849458
Vinyl chloride	U		0.00234	0.0100	10	04/16/2022 21:31	WG1849458
o-Xylene	U		0.00174	0.0100	10	04/16/2022 21:31	WG1849458
m&p-Xylene	U		0.00430	0.0200	10	04/16/2022 21:31	WG1849458
Xylenes, Total	U		0.00174	0.0300	10	04/16/2022 21:31	WG1849458
(S) Toluene-d8	*95.4*			*80.0-120*		*04/16/2022 21:31*	WG1849458
(S) 4-Bromofluorobenzene	*100*			*77.0-126*		*04/16/2022 21:31*	WG1849458
(S) 1,2-Dichloroethane-d4	*103*			*70.0-130*		*04/16/2022 21:31*	WG1849458

Sample Narrative:

L1482377-74 WG1849458: Non-target compounds too high to run at a lower dilution.

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	1.48		0.0247	0.100	1	04/27/2022 20:56	WG1854255
(S) o-Terphenyl	*112*			*31.0-160*		*04/27/2022 20:56*	WG1854255

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Dissolved Solids	2390		50.0	1	04/16/2022 15:07	WG1849632

Wet Chemistry by Method 353.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Nitrate-Nitrite	11.7		0.500	1.00	10	04/20/2022 22:14	WG1851464

Wet Chemistry by Method 4500CN E-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Cyanide	U		0.00180	0.00500	1	04/19/2022 17:28	WG1849788

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Chloride	216		7.58	20.0	20	04/18/2022 07:43	WG1849899
Fluoride	1.34		0.0640	0.150	1	04/18/2022 07:27	WG1849899
Sulfate	1200		11.9	100	20	04/18/2022 07:43	WG1849899

Mercury by Method 7470A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Mercury	U		0.000100	0.000200	1	04/27/2022 11:14	WG1848992
Mercury,Dissolved	U		0.000100	0.000200	1	04/27/2022 09:49	WG1848996

Metals (ICP) by Method 6010B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Boron	2.17		0.0200	0.200	1	04/22/2022 19:07	WG1850365
Boron,Dissolved	2.17		0.0200	0.200	1	04/22/2022 16:44	WG1850351

Metals (ICPMS) by Method 6020

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Arsenic	0.00279		0.000180	0.00200	1	04/21/2022 11:09	WG1850320
Arsenic,Dissolved	0.00274		0.000180	0.00200	1	04/20/2022 15:23	WG1850292
Barium	0.0125		0.000381	0.00200	1	04/21/2022 11:09	WG1850320
Barium,Dissolved	0.0117		0.000381	0.00200	1	04/20/2022 15:23	WG1850292
Cadmium	U		0.000150	0.00100	1	04/21/2022 11:09	WG1850320
Cadmium,Dissolved	U		0.000150	0.00100	1	04/20/2022 15:23	WG1850292
Calcium	367		0.0936	1.00	1	04/21/2022 11:09	WG1850320
Chromium	U		0.00124	0.00200	1	04/21/2022 11:09	WG1850320
Chromium,Dissolved	U		0.00124	0.00200	1	04/20/2022 15:23	WG1850292
Cobalt	U		0.0000596	0.00200	1	04/21/2022 11:09	WG1850320
Cobalt,Dissolved	U		0.0000596	0.00200	1	04/20/2022 15:23	WG1850292
Iron	U		0.0281	0.100	1	04/21/2022 11:09	WG1850320
Iron,Dissolved	U		0.0281	0.100	1	04/20/2022 15:23	WG1850292
Lead	U		0.000849	0.00200	1	04/21/2022 11:09	WG1850320
Lead,Dissolved	U		0.000849	0.00200	1	04/20/2022 15:23	WG1850292
Manganese	0.0200		0.000704	0.00500	1	04/21/2022 11:09	WG1850320
Manganese,Dissolved	0.0178		0.000704	0.00500	1	04/20/2022 15:23	WG1850292
Nickel	U		0.000816	0.00200	1	04/21/2022 11:09	WG1850320
Nickel,Dissolved	0.00189	J	0.000816	0.00200	1	04/20/2022 15:23	WG1850292

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Potassium	1.61	B J	0.108	2.00	1	04/21/2022 11:09	WG1850320
Selenium	0.00480		0.000300	0.00200	1	04/21/2022 11:09	WG1850320
Selenium,Dissolved	0.00410		0.000300	0.00200	1	04/20/2022 15:23	WG1850292
Sodium	58.1		0.376	2.00	1	04/21/2022 11:09	WG1850320
Uranium	0.0460		0.0000789	0.00100	1	04/21/2022 11:09	WG1850320
Uranium,Dissolved	0.0433		0.0000789	0.00100	1	04/20/2022 15:23	WG1850292
Vanadium	0.0185		0.000664	0.00500	1	04/21/2022 11:09	WG1850320
Vanadium,Dissolved	0.0190		0.000664	0.00500	1	04/20/2022 15:23	WG1850292

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/16/2022 17:36	WG1849458
Benzene	U		0.0000941	0.00100	1	04/16/2022 17:36	WG1849458
Bromodichloromethane	U		0.000136	0.00100	1	04/16/2022 17:36	WG1849458
Bromoform	U		0.000129	0.00100	1	04/16/2022 17:36	WG1849458
Bromomethane	U		0.000605	0.00500	1	04/16/2022 17:36	WG1849458
n-Butylbenzene	U		0.000157	0.00100	1	04/16/2022 17:36	WG1849458
sec-Butylbenzene	U		0.000125	0.00100	1	04/16/2022 17:36	WG1849458
Carbon disulfide	U		0.0000962	0.00100	1	04/16/2022 17:36	WG1849458
Carbon tetrachloride	U		0.000128	0.00100	1	04/16/2022 17:36	WG1849458
Chlorobenzene	U		0.000116	0.00100	1	04/16/2022 17:36	WG1849458
Chlorodibromomethane	U		0.000140	0.00100	1	04/16/2022 17:36	WG1849458
Chloroethane	U		0.000192	0.00500	1	04/16/2022 17:36	WG1849458
Chloroform	U		0.000111	0.00500	1	04/16/2022 17:36	WG1849458
Chloromethane	U		0.000960	0.00250	1	04/16/2022 17:36	WG1849458
1,2-Dibromoethane	U		0.000126	0.00100	1	04/16/2022 17:36	WG1849458
1,1-Dichloroethane	U		0.000100	0.00100	1	04/16/2022 17:36	WG1849458
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/16/2022 17:36	WG1849458
1,1-Dichloroethene	U		0.000188	0.00100	1	04/16/2022 17:36	WG1849458
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/16/2022 17:36	WG1849458
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/16/2022 17:36	WG1849458
1,2-Dichloropropane	U		0.000149	0.00100	1	04/16/2022 17:36	WG1849458
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/16/2022 17:36	WG1849458
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/16/2022 17:36	WG1849458
Ethylbenzene	U		0.000137	0.00100	1	04/16/2022 17:36	WG1849458
Isopropylbenzene	U		0.000105	0.00100	1	04/16/2022 17:36	WG1849458
p-Isopropyltoluene	U		0.000120	0.00100	1	04/16/2022 17:36	WG1849458
2-Butanone (MEK)	U		0.00119	0.0100	1	04/16/2022 17:36	WG1849458
2-Hexanone	U		0.000787	0.0100	1	04/16/2022 17:36	WG1849458
Methylene Chloride	U		0.000430	0.00500	1	04/16/2022 17:36	WG1849458
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/16/2022 17:36	WG1849458
Methyl tert-butyl ether	0.000299	J	0.000101	0.00100	1	04/16/2022 17:36	WG1849458
Naphthalene	U		0.00100	0.00500	1	04/16/2022 17:36	WG1849458
n-Propylbenzene	U		0.0000993	0.00100	1	04/16/2022 17:36	WG1849458
Styrene	U		0.000118	0.00100	1	04/16/2022 17:36	WG1849458
tert-Butyl alcohol	U		0.00406	0.00500	1	04/16/2022 17:36	WG1849458
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/16/2022 17:36	WG1849458
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/16/2022 17:36	WG1849458
Tetrachloroethene	U		0.000300	0.00100	1	04/16/2022 17:36	WG1849458
Toluene	U		0.000278	0.00100	1	04/16/2022 17:36	WG1849458
1,1,1-Trichloroethane	U	J4	0.000149	0.00100	1	04/16/2022 17:36	WG1849458
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/16/2022 17:36	WG1849458
Trichloroethene	U	J4	0.000190	0.00100	1	04/16/2022 17:36	WG1849458
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/16/2022 17:36	WG1849458
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/16/2022 17:36	WG1849458

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Vinyl chloride	U		0.000234	0.00100	1	04/16/2022 17:36	WG1849458
o-Xylene	U		0.000174	0.00100	1	04/16/2022 17:36	WG1849458
m&p-Xylene	U		0.000430	0.00200	1	04/16/2022 17:36	WG1849458
Xylenes, Total	U		0.000174	0.00300	1	04/16/2022 17:36	WG1849458
(S) Toluene-d8	*100*			*80.0-120*		*04/16/2022 17:36*	WG1849458
(S) 4-Bromofluorobenzene	*101*			*77.0-126*		*04/16/2022 17:36*	WG1849458
(S) 1,2-Dichloroethane-d4	*101*			*70.0-130*		*04/16/2022 17:36*	WG1849458

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	1.54		0.0247	0.100	1	04/23/2022 12:56	WG1851996
(S) o-Terphenyl	*70.0*			*31.0-160*		*04/23/2022 12:56*	WG1851996

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	2300		50.0	1	04/15/2022 18:51	WG1849369

Wet Chemistry by Method 353.2

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	0.0516	J	0.0500	0.100	1	04/20/2022 22:15	WG1851464

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	241		19.0	50.0	50	04/18/2022 08:13	WG1849899
Fluoride	0.816		0.0640	0.150	1	04/18/2022 07:58	WG1849899
Sulfate	1100		29.7	250	50	04/18/2022 08:13	WG1849899

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00451		0.000180	0.00200	1	04/21/2022 11:13	WG1850320
Arsenic,Dissolved	0.00414		0.000180	0.00200	1	04/20/2022 15:26	WG1850292
Barium	0.0152		0.000381	0.00200	1	04/21/2022 11:13	WG1850320
Barium,Dissolved	0.0158		0.000381	0.00200	1	04/20/2022 15:26	WG1850292
Calcium	407		0.0936	1.00	1	04/21/2022 11:13	WG1850320
Chromium	U		0.00124	0.00200	1	04/21/2022 11:13	WG1850320
Chromium,Dissolved	U		0.00124	0.00200	1	04/20/2022 15:26	WG1850292
Iron	0.0730	J	0.0281	0.100	1	04/21/2022 11:13	WG1850320
Iron,Dissolved	0.0670	J	0.0281	0.100	1	04/20/2022 15:26	WG1850292
Lead	U		0.000849	0.00200	1	04/21/2022 11:13	WG1850320
Lead,Dissolved	U		0.000849	0.00200	1	04/20/2022 15:26	WG1850292
Manganese	0.777		0.000704	0.00500	1	04/21/2022 11:13	WG1850320
Manganese,Dissolved	0.784		0.000704	0.00500	1	04/20/2022 15:26	WG1850292
Potassium	0.414	B J	0.108	2.00	1	04/21/2022 11:13	WG1850320
Selenium	0.000497	J	0.000300	0.00200	1	04/21/2022 11:13	WG1850320
Selenium,Dissolved	0.000356	J	0.000300	0.00200	1	04/20/2022 15:26	WG1850292
Sodium	62.4		0.376	2.00	1	04/21/2022 11:13	WG1850320

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/16/2022 17:57	WG1849458
Benzene	U		0.0000941	0.00100	1	04/16/2022 17:57	WG1849458
Bromodichloromethane	U		0.000136	0.00100	1	04/16/2022 17:57	WG1849458
Bromoform	U		0.000129	0.00100	1	04/16/2022 17:57	WG1849458
Bromomethane	U		0.000605	0.00500	1	04/16/2022 17:57	WG1849458
n-Butylbenzene	U		0.000157	0.00100	1	04/16/2022 17:57	WG1849458
sec-Butylbenzene	U		0.000125	0.00100	1	04/16/2022 17:57	WG1849458
Carbon disulfide	U		0.0000962	0.00100	1	04/16/2022 17:57	WG1849458
Carbon tetrachloride	U		0.000128	0.00100	1	04/16/2022 17:57	WG1849458
Chlorobenzene	U		0.000116	0.00100	1	04/16/2022 17:57	WG1849458
Chlorodibromomethane	U		0.000140	0.00100	1	04/16/2022 17:57	WG1849458
Chloroethane	U		0.000192	0.00500	1	04/16/2022 17:57	WG1849458
Chloroform	U		0.000111	0.00500	1	04/16/2022 17:57	WG1849458
Chloromethane	U		0.000960	0.00250	1	04/16/2022 17:57	WG1849458
1,2-Dibromoethane	U		0.000126	0.00100	1	04/16/2022 17:57	WG1849458
1,1-Dichloroethane	U		0.000100	0.00100	1	04/16/2022 17:57	WG1849458

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/16/2022 17:57	WG1849458
1,1-Dichloroethene	U		0.000188	0.00100	1	04/16/2022 17:57	WG1849458
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/16/2022 17:57	WG1849458
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/16/2022 17:57	WG1849458
1,2-Dichloropropane	U		0.000149	0.00100	1	04/16/2022 17:57	WG1849458
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/16/2022 17:57	WG1849458
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/16/2022 17:57	WG1849458
Ethylbenzene	U		0.000137	0.00100	1	04/16/2022 17:57	WG1849458
Isopropylbenzene	U		0.000105	0.00100	1	04/16/2022 17:57	WG1849458
p-Isopropyltoluene	U		0.000120	0.00100	1	04/16/2022 17:57	WG1849458
2-Butanone (MEK)	U		0.00119	0.0100	1	04/16/2022 17:57	WG1849458
2-Hexanone	U		0.000787	0.0100	1	04/16/2022 17:57	WG1849458
Methylene Chloride	U		0.000430	0.00500	1	04/16/2022 17:57	WG1849458
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/16/2022 17:57	WG1849458
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/16/2022 17:57	WG1849458
Naphthalene	U		0.00100	0.00500	1	04/16/2022 17:57	WG1849458
n-Propylbenzene	U		0.0000993	0.00100	1	04/16/2022 17:57	WG1849458
Styrene	U		0.000118	0.00100	1	04/16/2022 17:57	WG1849458
tert-Butyl alcohol	U		0.00406	0.00500	1	04/16/2022 17:57	WG1849458
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/16/2022 17:57	WG1849458
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/16/2022 17:57	WG1849458
Tetrachloroethene	U		0.000300	0.00100	1	04/16/2022 17:57	WG1849458
Toluene	U		0.000278	0.00100	1	04/16/2022 17:57	WG1849458
1,1,1-Trichloroethane	U	J4	0.000149	0.00100	1	04/16/2022 17:57	WG1849458
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/16/2022 17:57	WG1849458
Trichloroethene	U	J4	0.000190	0.00100	1	04/16/2022 17:57	WG1849458
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/16/2022 17:57	WG1849458
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/16/2022 17:57	WG1849458
Vinyl chloride	U		0.000234	0.00100	1	04/16/2022 17:57	WG1849458
o-Xylene	U		0.000174	0.00100	1	04/16/2022 17:57	WG1849458
m&p-Xylene	U		0.000430	0.00200	1	04/16/2022 17:57	WG1849458
Xylenes, Total	U		0.000174	0.00300	1	04/16/2022 17:57	WG1849458
(S) Toluene-d8	*101*			*80.0-120*		*04/16/2022 17:57*	WG1849458
(S) 4-Bromofluorobenzene	*105*			*77.0-126*		*04/16/2022 17:57*	WG1849458
(S) 1,2-Dichloroethane-d4	*99.4*			*70.0-130*		*04/16/2022 17:57*	WG1849458

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	3.72		0.0247	0.100	1	04/23/2022 13:16	WG1851996
(S) o-Terphenyl	*81.6*			*31.0-160*		*04/23/2022 13:16*	WG1851996

Semi Volatile Organic Compounds (GC/MS) by Method 8270 C-mod

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,4-Dioxane	U		0.0000447	0.000400	1	04/17/2022 20:17	WG1849044
(S) Nitrobenzene-d5	*70.9*			*10.0-120*		*04/17/2022 20:17*	WG1849044

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	2600		50.0	1	04/19/2022 18:52	WG1851047

Wet Chemistry by Method 353.2

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	14.1		0.500	1.00	10	04/20/2022 22:16	WG1851464

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	128		1.90	5.00	5	04/18/2022 08:29	WG1849899
Fluoride	0.794		0.320	0.750	5	04/18/2022 08:29	WG1849899
Sulfate	2230		59.4	500	100	04/18/2022 08:44	WG1849899

Sample Narrative:

L1482377-77 WG1849899: Dilution due to matrix.

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00168	J	0.000180	0.00200	1	04/21/2022 11:16	WG1850320
Arsenic,Dissolved	0.00149	J	0.000180	0.00200	1	04/20/2022 15:30	WG1850292
Barium	0.0130		0.000381	0.00200	1	04/21/2022 11:16	WG1850320
Barium,Dissolved	0.0121		0.000381	0.00200	1	04/20/2022 15:30	WG1850292
Calcium	473		0.0936	1.00	1	04/21/2022 11:16	WG1850320
Chromium	U		0.00124	0.00200	1	04/21/2022 11:16	WG1850320
Chromium,Dissolved	U		0.00124	0.00200	1	04/20/2022 15:30	WG1850292
Iron	U		0.0281	0.100	1	04/21/2022 11:16	WG1850320
Iron,Dissolved	0.0413	J	0.0281	0.100	1	04/20/2022 15:30	WG1850292
Lead	U		0.000849	0.00200	1	04/21/2022 11:16	WG1850320
Lead,Dissolved	U		0.000849	0.00200	1	04/20/2022 15:30	WG1850292
Manganese	U		0.000704	0.00500	1	04/21/2022 11:16	WG1850320
Manganese,Dissolved	0.00126	J	0.000704	0.00500	1	04/20/2022 15:30	WG1850292
Potassium	0.661	B J	0.108	2.00	1	04/21/2022 11:16	WG1850320
Selenium	0.0116		0.000300	0.00200	1	04/21/2022 11:16	WG1850320
Selenium,Dissolved	0.0103		0.000300	0.00200	1	04/20/2022 15:30	WG1850292
Sodium	148		0.376	2.00	1	04/21/2022 11:16	WG1850320

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/16/2022 18:19	WG1849458
Benzene	U		0.0000941	0.00100	1	04/16/2022 18:19	WG1849458
Bromodichloromethane	U		0.000136	0.00100	1	04/16/2022 18:19	WG1849458
Bromoform	U		0.000129	0.00100	1	04/16/2022 18:19	WG1849458
Bromomethane	U		0.000605	0.00500	1	04/16/2022 18:19	WG1849458
n-Butylbenzene	U		0.000157	0.00100	1	04/16/2022 18:19	WG1849458
sec-Butylbenzene	U		0.000125	0.00100	1	04/16/2022 18:19	WG1849458
Carbon disulfide	U		0.0000962	0.00100	1	04/16/2022 18:19	WG1849458
Carbon tetrachloride	U		0.000128	0.00100	1	04/16/2022 18:19	WG1849458
Chlorobenzene	U		0.000116	0.00100	1	04/16/2022 18:19	WG1849458
Chlorodibromomethane	U		0.000140	0.00100	1	04/16/2022 18:19	WG1849458
Chloroethane	U		0.000192	0.00500	1	04/16/2022 18:19	WG1849458
Chloroform	U		0.000111	0.00500	1	04/16/2022 18:19	WG1849458

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloromethane	U		0.000960	0.00250	1	04/16/2022 18:19	WG1849458
1,2-Dibromoethane	U		0.000126	0.00100	1	04/16/2022 18:19	WG1849458
1,1-Dichloroethane	U		0.000100	0.00100	1	04/16/2022 18:19	WG1849458
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/16/2022 18:19	WG1849458
1,1-Dichloroethene	U		0.000188	0.00100	1	04/16/2022 18:19	WG1849458
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/16/2022 18:19	WG1849458
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/16/2022 18:19	WG1849458
1,2-Dichloropropane	U		0.000149	0.00100	1	04/16/2022 18:19	WG1849458
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/16/2022 18:19	WG1849458
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/16/2022 18:19	WG1849458
Ethylbenzene	U		0.000137	0.00100	1	04/16/2022 18:19	WG1849458
Isopropylbenzene	U		0.000105	0.00100	1	04/16/2022 18:19	WG1849458
p-Isopropyltoluene	U		0.000120	0.00100	1	04/16/2022 18:19	WG1849458
2-Butanone (MEK)	U		0.00119	0.0100	1	04/16/2022 18:19	WG1849458
2-Hexanone	U		0.000787	0.0100	1	04/16/2022 18:19	WG1849458
Methylene Chloride	U		0.000430	0.00500	1	04/16/2022 18:19	WG1849458
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/16/2022 18:19	WG1849458
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/16/2022 18:19	WG1849458
Naphthalene	U		0.00100	0.00500	1	04/16/2022 18:19	WG1849458
n-Propylbenzene	U		0.0000993	0.00100	1	04/16/2022 18:19	WG1849458
Styrene	U		0.000118	0.00100	1	04/16/2022 18:19	WG1849458
tert-Butyl alcohol	U		0.00406	0.00500	1	04/16/2022 18:19	WG1849458
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/16/2022 18:19	WG1849458
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/16/2022 18:19	WG1849458
Tetrachloroethene	U		0.000300	0.00100	1	04/16/2022 18:19	WG1849458
Toluene	U		0.000278	0.00100	1	04/16/2022 18:19	WG1849458
1,1,1-Trichloroethane	U	J4	0.000149	0.00100	1	04/16/2022 18:19	WG1849458
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/16/2022 18:19	WG1849458
Trichloroethene	U	J4	0.000190	0.00100	1	04/16/2022 18:19	WG1849458
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/16/2022 18:19	WG1849458
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/16/2022 18:19	WG1849458
Vinyl chloride	U		0.000234	0.00100	1	04/16/2022 18:19	WG1849458
o-Xylene	U		0.000174	0.00100	1	04/16/2022 18:19	WG1849458
m&p-Xylene	U		0.000430	0.00200	1	04/16/2022 18:19	WG1849458
Xylenes, Total	U		0.000174	0.00300	1	04/16/2022 18:19	WG1849458
(S) Toluene-d8	*101*			*80.0-120*		*04/16/2022 18:19*	WG1849458
(S) 4-Bromofluorobenzene	*102*			*77.0-126*		*04/16/2022 18:19*	WG1849458
(S) 1,2-Dichloroethane-d4	*105*			*70.0-130*		*04/16/2022 18:19*	WG1849458

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.0474	J	0.0247	0.100	1	04/23/2022 13:36	WG1851996
(S) o-Terphenyl	*65.8*			*31.0-160*		*04/23/2022 13:36*	WG1851996

Semi Volatile Organic Compounds (GC/MS) by Method 8270 C-mod

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,4-Dioxane	0.0000839	J	0.0000447	0.000400	1	04/17/2022 20:36	WG1849044
(S) Nitrobenzene-d5	*67.9*			*10.0-120*		*04/17/2022 20:36*	WG1849044

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	1710		25.0	1	04/19/2022 18:10	WG1851013

Wet Chemistry by Method 353.2

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	U		0.0500	0.100	1	04/20/2022 22:18	WG1851464

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	64.7		0.379	1.00	1	04/18/2022 09:00	WG1849899
Fluoride	1.27		0.0640	0.150	1	04/18/2022 09:00	WG1849899
Sulfate	1140		29.7	250	50	04/18/2022 09:46	WG1849899

Sample Narrative:

L1482377-78 WG1849899: Dilution due to matrix.

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00227		0.000180	0.00200	1	04/21/2022 11:19	WG1850320
Arsenic,Dissolved	0.00179	J	0.000180	0.00200	1	04/20/2022 15:33	WG1850292
Barium	0.0200		0.000381	0.00200	1	04/21/2022 11:19	WG1850320
Barium,Dissolved	0.0186		0.000381	0.00200	1	04/20/2022 15:33	WG1850292
Calcium	288		0.0936	1.00	1	04/21/2022 11:19	WG1850320
Chromium	U		0.00124	0.00200	1	04/21/2022 11:19	WG1850320
Chromium,Dissolved	U		0.00124	0.00200	1	04/20/2022 15:33	WG1850292
Iron	0.0446	J	0.0281	0.100	1	04/21/2022 11:19	WG1850320
Iron,Dissolved	U		0.0281	0.100	1	04/20/2022 15:33	WG1850292
Lead	U		0.000849	0.00200	1	04/21/2022 11:19	WG1850320
Lead,Dissolved	U		0.000849	0.00200	1	04/20/2022 15:33	WG1850292
Manganese	0.701		0.000704	0.00500	1	04/21/2022 11:19	WG1850320
Manganese,Dissolved	0.455		0.000704	0.00500	1	04/20/2022 15:33	WG1850292
Potassium	2.12	B	0.108	2.00	1	04/21/2022 11:19	WG1850320
Selenium	0.00560		0.000300	0.00200	1	04/21/2022 11:19	WG1850320
Selenium,Dissolved	U		0.000300	0.00200	1	04/20/2022 15:33	WG1850292
Sodium	74.7		0.376	2.00	1	04/21/2022 11:19	WG1850320

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/16/2022 18:40	WG1849458
Benzene	U		0.0000941	0.00100	1	04/16/2022 18:40	WG1849458
Bromodichloromethane	U		0.000136	0.00100	1	04/16/2022 18:40	WG1849458
Bromoform	U		0.000129	0.00100	1	04/16/2022 18:40	WG1849458
Bromomethane	U		0.000605	0.00500	1	04/16/2022 18:40	WG1849458
n-Butylbenzene	U		0.000157	0.00100	1	04/16/2022 18:40	WG1849458
sec-Butylbenzene	U		0.000125	0.00100	1	04/16/2022 18:40	WG1849458
Carbon disulfide	U		0.0000962	0.00100	1	04/16/2022 18:40	WG1849458
Carbon tetrachloride	U		0.000128	0.00100	1	04/16/2022 18:40	WG1849458
Chlorobenzene	U		0.000116	0.00100	1	04/16/2022 18:40	WG1849458
Chlorodibromomethane	U		0.000140	0.00100	1	04/16/2022 18:40	WG1849458
Chloroethane	U		0.000192	0.00500	1	04/16/2022 18:40	WG1849458
Chloroform	U		0.000111	0.00500	1	04/16/2022 18:40	WG1849458

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloromethane	U		0.000960	0.00250	1	04/16/2022 18:40	WG1849458
1,2-Dibromoethane	U		0.000126	0.00100	1	04/16/2022 18:40	WG1849458
1,1-Dichloroethane	U		0.000100	0.00100	1	04/16/2022 18:40	WG1849458
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/16/2022 18:40	WG1849458
1,1-Dichloroethene	U		0.000188	0.00100	1	04/16/2022 18:40	WG1849458
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/16/2022 18:40	WG1849458
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/16/2022 18:40	WG1849458
1,2-Dichloropropane	U		0.000149	0.00100	1	04/16/2022 18:40	WG1849458
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/16/2022 18:40	WG1849458
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/16/2022 18:40	WG1849458
Ethylbenzene	U		0.000137	0.00100	1	04/16/2022 18:40	WG1849458
Isopropylbenzene	U		0.000105	0.00100	1	04/16/2022 18:40	WG1849458
p-Isopropyltoluene	U		0.000120	0.00100	1	04/16/2022 18:40	WG1849458
2-Butanone (MEK)	U		0.00119	0.0100	1	04/16/2022 18:40	WG1849458
2-Hexanone	U		0.000787	0.0100	1	04/16/2022 18:40	WG1849458
Methylene Chloride	U		0.000430	0.00500	1	04/16/2022 18:40	WG1849458
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/16/2022 18:40	WG1849458
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/16/2022 18:40	WG1849458
Naphthalene	U		0.00100	0.00500	1	04/16/2022 18:40	WG1849458
n-Propylbenzene	U		0.0000993	0.00100	1	04/16/2022 18:40	WG1849458
Styrene	U		0.000118	0.00100	1	04/16/2022 18:40	WG1849458
tert-Butyl alcohol	U		0.00406	0.00500	1	04/16/2022 18:40	WG1849458
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/16/2022 18:40	WG1849458
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/16/2022 18:40	WG1849458
Tetrachloroethene	U		0.000300	0.00100	1	04/16/2022 18:40	WG1849458
Toluene	U		0.000278	0.00100	1	04/16/2022 18:40	WG1849458
1,1,1-Trichloroethane	U	J4	0.000149	0.00100	1	04/16/2022 18:40	WG1849458
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/16/2022 18:40	WG1849458
Trichloroethene	U	J4	0.000190	0.00100	1	04/16/2022 18:40	WG1849458
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/16/2022 18:40	WG1849458
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/16/2022 18:40	WG1849458
Vinyl chloride	U		0.000234	0.00100	1	04/16/2022 18:40	WG1849458
o-Xylene	U		0.000174	0.00100	1	04/16/2022 18:40	WG1849458
m&p-Xylene	U		0.000430	0.00200	1	04/16/2022 18:40	WG1849458
Xylenes, Total	U		0.000174	0.00300	1	04/16/2022 18:40	WG1849458
(S) Toluene-d8	*101*			*80.0-120*		*04/16/2022 18:40*	WG1849458
(S) 4-Bromofluorobenzene	*107*			*77.0-126*		*04/16/2022 18:40*	WG1849458
(S) 1,2-Dichloroethane-d4	*104*			*70.0-130*		*04/16/2022 18:40*	WG1849458

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.136		0.0247	0.100	1	04/23/2022 13:56	WG1851996
(S) o-Terphenyl	*62.6*			*31.0-160*		*04/23/2022 13:56*	WG1851996

Semi Volatile Organic Compounds (GC/MS) by Method 8270 C-mod

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,4-Dioxane	U		0.0000447	0.000400	1	04/19/2022 01:05	WG1849821
(S) Nitrobenzene-d5	*63.8*			*10.0-120*		*04/19/2022 01:05*	WG1849821

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	2370		50.0	1	04/19/2022 18:52	WG1851047

Wet Chemistry by Method 353.2

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	14.7		0.500	1.00	10	04/20/2022 22:19	WG1851464

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	126		1.90	5.00	5	04/18/2022 10:01	WG1849899
Fluoride	0.820		0.320	0.750	5	04/18/2022 10:01	WG1849899
Sulfate	2170		59.4	500	100	04/18/2022 10:18	WG1849899

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00160	J	0.000180	0.00200	1	04/21/2022 11:22	WG1850320
Arsenic,Dissolved	0.00146	J	0.000180	0.00200	1	04/20/2022 15:37	WG1850292
Barium	0.0123		0.000381	0.00200	1	04/21/2022 11:22	WG1850320
Barium,Dissolved	0.0113		0.000381	0.00200	1	04/20/2022 15:37	WG1850292
Calcium	473		0.0936	1.00	1	04/21/2022 11:22	WG1850320
Chromium	U		0.00124	0.00200	1	04/21/2022 11:22	WG1850320
Chromium,Dissolved	U		0.00124	0.00200	1	04/20/2022 15:37	WG1850292
Iron	U		0.0281	0.100	1	04/21/2022 11:22	WG1850320
Iron,Dissolved	U		0.0281	0.100	1	04/20/2022 15:37	WG1850292
Lead	U		0.000849	0.00200	1	04/21/2022 11:22	WG1850320
Lead,Dissolved	U		0.000849	0.00200	1	04/20/2022 15:37	WG1850292
Manganese	U		0.000704	0.00500	1	04/21/2022 11:22	WG1850320
Manganese,Dissolved	U		0.000704	0.00500	1	04/20/2022 15:37	WG1850292
Potassium	0.790	B J	0.108	2.00	1	04/21/2022 11:22	WG1850320
Selenium	0.0105		0.000300	0.00200	1	04/21/2022 11:50	WG1850320
Selenium,Dissolved	0.0108		0.000300	0.00200	1	04/20/2022 15:37	WG1850292
Sodium	150		0.376	2.00	1	04/21/2022 11:22	WG1850320

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/16/2022 19:01	WG1849458
Benzene	U		0.0000941	0.00100	1	04/16/2022 19:01	WG1849458
Bromodichloromethane	U		0.000136	0.00100	1	04/16/2022 19:01	WG1849458
Bromoform	U		0.000129	0.00100	1	04/16/2022 19:01	WG1849458
Bromomethane	U		0.000605	0.00500	1	04/16/2022 19:01	WG1849458
n-Butylbenzene	U		0.000157	0.00100	1	04/16/2022 19:01	WG1849458
sec-Butylbenzene	U		0.000125	0.00100	1	04/16/2022 19:01	WG1849458
Carbon disulfide	U		0.0000962	0.00100	1	04/16/2022 19:01	WG1849458
Carbon tetrachloride	U		0.000128	0.00100	1	04/16/2022 19:01	WG1849458
Chlorobenzene	U		0.000116	0.00100	1	04/16/2022 19:01	WG1849458
Chlorodibromomethane	U		0.000140	0.00100	1	04/16/2022 19:01	WG1849458
Chloroethane	U		0.000192	0.00500	1	04/16/2022 19:01	WG1849458
Chloroform	U		0.000111	0.00500	1	04/16/2022 19:01	WG1849458
Chloromethane	U		0.000960	0.00250	1	04/16/2022 19:01	WG1849458
1,2-Dibromoethane	U		0.000126	0.00100	1	04/16/2022 19:01	WG1849458
1,1-Dichloroethane	U		0.000100	0.00100	1	04/16/2022 19:01	WG1849458

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/16/2022 19:01	WG1849458
1,1-Dichloroethene	U		0.000188	0.00100	1	04/16/2022 19:01	WG1849458
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/16/2022 19:01	WG1849458
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/16/2022 19:01	WG1849458
1,2-Dichloropropane	U		0.000149	0.00100	1	04/16/2022 19:01	WG1849458
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/16/2022 19:01	WG1849458
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/16/2022 19:01	WG1849458
Ethylbenzene	U		0.000137	0.00100	1	04/16/2022 19:01	WG1849458
Isopropylbenzene	U		0.000105	0.00100	1	04/16/2022 19:01	WG1849458
p-Isopropyltoluene	U		0.000120	0.00100	1	04/16/2022 19:01	WG1849458
2-Butanone (MEK)	U		0.00119	0.0100	1	04/16/2022 19:01	WG1849458
2-Hexanone	U		0.000787	0.0100	1	04/16/2022 19:01	WG1849458
Methylene Chloride	U		0.000430	0.00500	1	04/16/2022 19:01	WG1849458
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/16/2022 19:01	WG1849458
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/16/2022 19:01	WG1849458
Naphthalene	U		0.00100	0.00500	1	04/16/2022 19:01	WG1849458
n-Propylbenzene	U		0.0000993	0.00100	1	04/16/2022 19:01	WG1849458
Styrene	U		0.000118	0.00100	1	04/16/2022 19:01	WG1849458
tert-Butyl alcohol	U		0.00406	0.00500	1	04/16/2022 19:01	WG1849458
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/16/2022 19:01	WG1849458
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/16/2022 19:01	WG1849458
Tetrachloroethene	U		0.000300	0.00100	1	04/16/2022 19:01	WG1849458
Toluene	U		0.000278	0.00100	1	04/16/2022 19:01	WG1849458
1,1,1-Trichloroethane	U	J4	0.000149	0.00100	1	04/16/2022 19:01	WG1849458
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/16/2022 19:01	WG1849458
Trichloroethene	U	J4	0.000190	0.00100	1	04/16/2022 19:01	WG1849458
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/16/2022 19:01	WG1849458
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/16/2022 19:01	WG1849458
Vinyl chloride	U		0.000234	0.00100	1	04/16/2022 19:01	WG1849458
o-Xylene	U		0.000174	0.00100	1	04/16/2022 19:01	WG1849458
m&p-Xylene	U		0.000430	0.00200	1	04/16/2022 19:01	WG1849458
Xylenes, Total	U		0.000174	0.00300	1	04/16/2022 19:01	WG1849458
(S) Toluene-d8	*101*			*80.0-120*		*04/16/2022 19:01*	WG1849458
(S) 4-Bromofluorobenzene	*105*			*77.0-126*		*04/16/2022 19:01*	WG1849458
(S) 1,2-Dichloroethane-d4	*103*			*70.0-130*		*04/16/2022 19:01*	WG1849458

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.0337	J	0.0247	0.100	1	04/23/2022 14:16	WG1851996
(S) o-Terphenyl	*67.4*			*31.0-160*		*04/23/2022 14:16*	WG1851996

Semi Volatile Organic Compounds (GC/MS) by Method 8270 C-mod

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,4-Dioxane	U		0.0000447	0.000400	1	04/19/2022 02:41	WG1849821
(S) Nitrobenzene-d5	*80.3*			*10.0-120*		*04/19/2022 02:41*	WG1849821

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	12.0		10.0	1	04/19/2022 18:52	WG1851047

Wet Chemistry by Method 353.2

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	U		0.0500	0.100	1	04/20/2022 22:20	WG1851464

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	U		0.379	1.00	1	04/18/2022 10:33	WG1849899
Fluoride	U		0.0640	0.150	1	04/18/2022 10:33	WG1849899
Sulfate	U		0.594	5.00	1	04/18/2022 10:33	WG1849899

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.000354	J	0.000180	0.00200	1	04/21/2022 11:26	WG1850320
Arsenic,Dissolved	U		0.000180	0.00200	1	04/20/2022 15:40	WG1850292
Barium	0.000528	J	0.000381	0.00200	1	04/21/2022 11:26	WG1850320
Barium,Dissolved	U		0.000381	0.00200	1	04/20/2022 15:40	WG1850292
Calcium	0.270	B J	0.0936	1.00	1	04/21/2022 11:26	WG1850320
Chromium	U		0.00124	0.00200	1	04/21/2022 11:26	WG1850320
Chromium,Dissolved	U		0.00124	0.00200	1	04/20/2022 15:40	WG1850292
Iron	U		0.0281	0.100	1	04/21/2022 11:26	WG1850320
Iron,Dissolved	U		0.0281	0.100	1	04/20/2022 15:40	WG1850292
Lead	U		0.000849	0.00200	1	04/21/2022 11:26	WG1850320
Lead,Dissolved	U		0.000849	0.00200	1	04/20/2022 15:40	WG1850292
Manganese	0.000870	J	0.000704	0.00500	1	04/21/2022 11:26	WG1850320
Manganese,Dissolved	U		0.000704	0.00500	1	04/20/2022 15:40	WG1850292
Potassium	0.237	B J	0.108	2.00	1	04/21/2022 11:26	WG1850320
Selenium	U		0.000300	0.00200	1	04/21/2022 11:26	WG1850320
Selenium,Dissolved	U		0.000300	0.00200	1	04/20/2022 15:40	WG1850292
Sodium	0.399	J	0.376	2.00	1	04/21/2022 11:26	WG1850320

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/16/2022 16:10	WG1849458
Benzene	U		0.0000941	0.00100	1	04/16/2022 16:10	WG1849458
Bromodichloromethane	U		0.000136	0.00100	1	04/16/2022 16:10	WG1849458
Bromoform	U		0.000129	0.00100	1	04/16/2022 16:10	WG1849458
Bromomethane	U		0.000605	0.00500	1	04/16/2022 16:10	WG1849458
n-Butylbenzene	U		0.000157	0.00100	1	04/16/2022 16:10	WG1849458
sec-Butylbenzene	U		0.000125	0.00100	1	04/16/2022 16:10	WG1849458
Carbon disulfide	U		0.0000962	0.00100	1	04/16/2022 16:10	WG1849458
Carbon tetrachloride	U		0.000128	0.00100	1	04/16/2022 16:10	WG1849458
Chlorobenzene	U		0.000116	0.00100	1	04/16/2022 16:10	WG1849458
Chlorodibromomethane	U		0.000140	0.00100	1	04/16/2022 16:10	WG1849458
Chloroethane	U		0.000192	0.00500	1	04/16/2022 16:10	WG1849458
Chloroform	U		0.000111	0.00500	1	04/16/2022 16:10	WG1849458
Chloromethane	U		0.000960	0.00250	1	04/16/2022 16:10	WG1849458
1,2-Dibromoethane	U		0.000126	0.00100	1	04/16/2022 16:10	WG1849458
1,1-Dichloroethane	U		0.000100	0.00100	1	04/16/2022 16:10	WG1849458

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/16/2022 16:10	WG1849458
1,1-Dichloroethene	U		0.000188	0.00100	1	04/16/2022 16:10	WG1849458
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/16/2022 16:10	WG1849458
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/16/2022 16:10	WG1849458
1,2-Dichloropropane	U		0.000149	0.00100	1	04/16/2022 16:10	WG1849458
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/16/2022 16:10	WG1849458
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/16/2022 16:10	WG1849458
Ethylbenzene	U		0.000137	0.00100	1	04/16/2022 16:10	WG1849458
Isopropylbenzene	U		0.000105	0.00100	1	04/16/2022 16:10	WG1849458
p-Isopropyltoluene	U		0.000120	0.00100	1	04/16/2022 16:10	WG1849458
2-Butanone (MEK)	U		0.00119	0.0100	1	04/16/2022 16:10	WG1849458
2-Hexanone	U		0.000787	0.0100	1	04/16/2022 16:10	WG1849458
Methylene Chloride	U		0.000430	0.00500	1	04/16/2022 16:10	WG1849458
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/16/2022 16:10	WG1849458
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/16/2022 16:10	WG1849458
Naphthalene	U		0.00100	0.00500	1	04/16/2022 16:10	WG1849458
n-Propylbenzene	U		0.0000993	0.00100	1	04/16/2022 16:10	WG1849458
Styrene	U		0.000118	0.00100	1	04/16/2022 16:10	WG1849458
tert-Butyl alcohol	U		0.00406	0.00500	1	04/16/2022 16:10	WG1849458
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/16/2022 16:10	WG1849458
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/16/2022 16:10	WG1849458
Tetrachloroethene	U		0.000300	0.00100	1	04/16/2022 16:10	WG1849458
Toluene	U		0.000278	0.00100	1	04/16/2022 16:10	WG1849458
1,1,1-Trichloroethane	U	J4	0.000149	0.00100	1	04/16/2022 16:10	WG1849458
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/16/2022 16:10	WG1849458
Trichloroethene	U	J4	0.000190	0.00100	1	04/16/2022 16:10	WG1849458
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/16/2022 16:10	WG1849458
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/16/2022 16:10	WG1849458
Vinyl chloride	U		0.000234	0.00100	1	04/16/2022 16:10	WG1849458
o-Xylene	U		0.000174	0.00100	1	04/16/2022 16:10	WG1849458
m&p-Xylene	U		0.000430	0.00200	1	04/16/2022 16:10	WG1849458
Xylenes, Total	U		0.000174	0.00300	1	04/16/2022 16:10	WG1849458
(S) Toluene-d8	*100*			*80.0-120*		*04/16/2022 16:10*	WG1849458
(S) 4-Bromofluorobenzene	*102*			*77.0-126*		*04/16/2022 16:10*	WG1849458
(S) 1,2-Dichloroethane-d4	*103*			*70.0-130*		*04/16/2022 16:10*	WG1849458

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	U		0.0247	0.100	1	04/23/2022 14:36	WG1851996
(S) o-Terphenyl	*66.3*			*31.0-160*		*04/23/2022 14:36*	WG1851996

Semi Volatile Organic Compounds (GC/MS) by Method 8270 C-mod

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,4-Dioxane	U		0.0000447	0.000400	1	04/19/2022 03:00	WG1849821
(S) Nitrobenzene-d5	*77.9*			*10.0-120*		*04/19/2022 03:00*	WG1849821

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Acetone	U		0.0113	0.0500	1	04/16/2022 14:45	WG1849458
Benzene	U		0.0000941	0.00100	1	04/16/2022 14:45	WG1849458
Bromodichloromethane	U		0.000136	0.00100	1	04/16/2022 14:45	WG1849458
Bromoform	U		0.000129	0.00100	1	04/16/2022 14:45	WG1849458
Bromomethane	U		0.000605	0.00500	1	04/16/2022 14:45	WG1849458
n-Butylbenzene	U		0.000157	0.00100	1	04/16/2022 14:45	WG1849458
sec-Butylbenzene	U		0.000125	0.00100	1	04/16/2022 14:45	WG1849458
Carbon disulfide	U		0.0000962	0.00100	1	04/16/2022 14:45	WG1849458
Carbon tetrachloride	U		0.000128	0.00100	1	04/16/2022 14:45	WG1849458
Chlorobenzene	U		0.000116	0.00100	1	04/16/2022 14:45	WG1849458
Chlorodibromomethane	U		0.000140	0.00100	1	04/16/2022 14:45	WG1849458
Chloroethane	U		0.000192	0.00500	1	04/16/2022 14:45	WG1849458
Chloroform	U		0.000111	0.00500	1	04/16/2022 14:45	WG1849458
Chloromethane	U		0.000960	0.00250	1	04/16/2022 14:45	WG1849458
1,2-Dibromoethane	U		0.000126	0.00100	1	04/16/2022 14:45	WG1849458
1,1-Dichloroethane	U		0.000100	0.00100	1	04/16/2022 14:45	WG1849458
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/16/2022 14:45	WG1849458
1,1-Dichloroethene	U		0.000188	0.00100	1	04/16/2022 14:45	WG1849458
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/16/2022 14:45	WG1849458
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/16/2022 14:45	WG1849458
1,2-Dichloropropane	U		0.000149	0.00100	1	04/16/2022 14:45	WG1849458
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/16/2022 14:45	WG1849458
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/16/2022 14:45	WG1849458
Ethylbenzene	U		0.000137	0.00100	1	04/16/2022 14:45	WG1849458
Isopropylbenzene	U		0.000105	0.00100	1	04/16/2022 14:45	WG1849458
p-Isopropyltoluene	U		0.000120	0.00100	1	04/16/2022 14:45	WG1849458
2-Butanone (MEK)	U		0.00119	0.0100	1	04/16/2022 14:45	WG1849458
2-Hexanone	U		0.000787	0.0100	1	04/16/2022 14:45	WG1849458
Methylene Chloride	U		0.000430	0.00500	1	04/16/2022 14:45	WG1849458
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/16/2022 14:45	WG1849458
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/16/2022 14:45	WG1849458
Naphthalene	U		0.00100	0.00500	1	04/16/2022 14:45	WG1849458
n-Propylbenzene	U		0.0000993	0.00100	1	04/16/2022 14:45	WG1849458
Styrene	U		0.000118	0.00100	1	04/16/2022 14:45	WG1849458
tert-Butyl alcohol	U		0.00406	0.00500	1	04/16/2022 14:45	WG1849458
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/16/2022 14:45	WG1849458
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/16/2022 14:45	WG1849458
Tetrachloroethene	U		0.000300	0.00100	1	04/16/2022 14:45	WG1849458
Toluene	U		0.000278	0.00100	1	04/16/2022 14:45	WG1849458
1,1,1-Trichloroethane	U	J4	0.000149	0.00100	1	04/16/2022 14:45	WG1849458
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/16/2022 14:45	WG1849458
Trichloroethene	U	J4	0.000190	0.00100	1	04/16/2022 14:45	WG1849458
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/16/2022 14:45	WG1849458
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/16/2022 14:45	WG1849458
Vinyl chloride	U		0.000234	0.00100	1	04/16/2022 14:45	WG1849458
o-Xylene	U		0.000174	0.00100	1	04/16/2022 14:45	WG1849458
m&p-Xylene	U		0.000430	0.00200	1	04/16/2022 14:45	WG1849458
Xylenes, Total	U		0.000174	0.00300	1	04/16/2022 14:45	WG1849458
(S) Toluene-d8	*101*			*80.0-120*		*04/16/2022 14:45*	WG1849458
(S) 4-Bromofluorobenzene	*103*			*77.0-126*		*04/16/2022 14:45*	WG1849458
(S) 1,2-Dichloroethane-d4	*101*			*70.0-130*		*04/16/2022 14:45*	WG1849458

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/16/2022 15:06	WG1849458
Benzene	U		0.0000941	0.00100	1	04/16/2022 15:06	WG1849458
Bromodichloromethane	U		0.000136	0.00100	1	04/16/2022 15:06	WG1849458
Bromoform	U		0.000129	0.00100	1	04/16/2022 15:06	WG1849458
Bromomethane	U		0.000605	0.00500	1	04/16/2022 15:06	WG1849458
n-Butylbenzene	U		0.000157	0.00100	1	04/16/2022 15:06	WG1849458
sec-Butylbenzene	U		0.000125	0.00100	1	04/16/2022 15:06	WG1849458
Carbon disulfide	U		0.0000962	0.00100	1	04/16/2022 15:06	WG1849458
Carbon tetrachloride	U		0.000128	0.00100	1	04/16/2022 15:06	WG1849458
Chlorobenzene	U		0.000116	0.00100	1	04/16/2022 15:06	WG1849458
Chlorodibromomethane	U		0.000140	0.00100	1	04/16/2022 15:06	WG1849458
Chloroethane	U		0.000192	0.00500	1	04/16/2022 15:06	WG1849458
Chloroform	U		0.000111	0.00500	1	04/16/2022 15:06	WG1849458
Chloromethane	U		0.000960	0.00250	1	04/16/2022 15:06	WG1849458
1,2-Dibromoethane	U		0.000126	0.00100	1	04/16/2022 15:06	WG1849458
1,1-Dichloroethane	U		0.000100	0.00100	1	04/16/2022 15:06	WG1849458
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/16/2022 15:06	WG1849458
1,1-Dichloroethene	U		0.000188	0.00100	1	04/16/2022 15:06	WG1849458
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/16/2022 15:06	WG1849458
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/16/2022 15:06	WG1849458
1,2-Dichloropropane	U		0.000149	0.00100	1	04/16/2022 15:06	WG1849458
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/16/2022 15:06	WG1849458
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/16/2022 15:06	WG1849458
Ethylbenzene	U		0.000137	0.00100	1	04/16/2022 15:06	WG1849458
Isopropylbenzene	U		0.000105	0.00100	1	04/16/2022 15:06	WG1849458
p-Isopropyltoluene	U		0.000120	0.00100	1	04/16/2022 15:06	WG1849458
2-Butanone (MEK)	U		0.00119	0.0100	1	04/16/2022 15:06	WG1849458
2-Hexanone	U		0.000787	0.0100	1	04/16/2022 15:06	WG1849458
Methylene Chloride	U		0.000430	0.00500	1	04/16/2022 15:06	WG1849458
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/16/2022 15:06	WG1849458
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/16/2022 15:06	WG1849458
Naphthalene	U		0.00100	0.00500	1	04/16/2022 15:06	WG1849458
n-Propylbenzene	U		0.0000993	0.00100	1	04/16/2022 15:06	WG1849458
Styrene	U		0.000118	0.00100	1	04/16/2022 15:06	WG1849458
tert-Butyl alcohol	U		0.00406	0.00500	1	04/16/2022 15:06	WG1849458
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/16/2022 15:06	WG1849458
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/16/2022 15:06	WG1849458
Tetrachloroethene	U		0.000300	0.00100	1	04/16/2022 15:06	WG1849458
Toluene	U		0.000278	0.00100	1	04/16/2022 15:06	WG1849458
1,1,1-Trichloroethane	U	J4	0.000149	0.00100	1	04/16/2022 15:06	WG1849458
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/16/2022 15:06	WG1849458
Trichloroethene	U	J4	0.000190	0.00100	1	04/16/2022 15:06	WG1849458
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/16/2022 15:06	WG1849458
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/16/2022 15:06	WG1849458
Vinyl chloride	U		0.000234	0.00100	1	04/16/2022 15:06	WG1849458
o-Xylene	U		0.000174	0.00100	1	04/16/2022 15:06	WG1849458
m&p-Xylene	U		0.000430	0.00200	1	04/16/2022 15:06	WG1849458
Xylenes, Total	U		0.000174	0.00300	1	04/16/2022 15:06	WG1849458
(S) Toluene-d8	*103*			*80.0-120*		*04/16/2022 15:06*	WG1849458
(S) 4-Bromofluorobenzene	*108*			*77.0-126*		*04/16/2022 15:06*	WG1849458
(S) 1,2-Dichloroethane-d4	*103*			*70.0-130*		*04/16/2022 15:06*	WG1849458

Cp Tc Ss Cn Sr Qc Gl Al Sc

Method Blank (MB)

(MB) R3782358-1 04/15/22 18:51

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Dissolved Solids	U		10.0	10.0

L1482387-06 Original Sample (OS) • Duplicate (DUP)

(OS) L1482387-06 04/15/22 18:51 • (DUP) R3782358-3 04/15/22 18:51

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Dissolved Solids	768	728	1	5.35	J3	5

L1482444-10 Original Sample (OS) • Duplicate (DUP)

(OS) L1482444-10 04/15/22 18:51 • (DUP) R3782358-4 04/15/22 18:51

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Dissolved Solids	1490	1440	1	3.01		5

Laboratory Control Sample (LCS)

(LCS) R3782358-2 04/15/22 18:51

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Dissolved Solids	8800	8420	95.7	77.4-123	

Method Blank (MB)

(MB) R3782363-1 04/16/22 15:07

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Dissolved Solids	U		10.0	10.0

L1482377-73 Original Sample (OS) • Duplicate (DUP)

(OS) L1482377-73 04/16/22 15:07 • (DUP) R3782363-3 04/16/22 15:07

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Dissolved Solids	1610	1550	1	3.80		5

L1482654-11 Original Sample (OS) • Duplicate (DUP)

(OS) L1482654-11 04/16/22 15:07 • (DUP) R3782363-4 04/16/22 15:07

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Dissolved Solids	1510	1550	1	3.01		5

Laboratory Control Sample (LCS)

(LCS) R3782363-2 04/16/22 15:07

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Dissolved Solids	8800	8570	97.4	77.4-123	

Method Blank (MB)

(MB) R3783839-1 04/20/22 18:25

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Dissolved Solids	U		10.0	10.0

L1482377-11 Original Sample (OS) • Duplicate (DUP)

(OS) L1482377-11 04/20/22 18:25 • (DUP) R3783839-3 04/20/22 18:25

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Dissolved Solids	ND	ND	1	0.000		5

Sample Narrative:

OS: Duplicate analysis was performed to confirm

L1482377-12 Original Sample (OS) • Duplicate (DUP)

(OS) L1482377-12 04/20/22 18:25 • (DUP) R3783839-4 04/20/22 18:25

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Dissolved Solids	ND	ND	1	0.000		5

Sample Narrative:

OS: Duplicate analysis was performed to confirm

Laboratory Control Sample (LCS)

(LCS) R3783839-2 04/20/22 18:25

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Dissolved Solids	8800	8310	94.4	77.4-123	

Method Blank (MB)

(MB) R3783716-1 04/19/22 14:44

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Dissolved Solids	U		10.0	10.0

L1482377-31 Original Sample (OS) • Duplicate (DUP)

(OS) L1482377-31 04/19/22 14:44 • (DUP) R3783716-3 04/19/22 14:44

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Dissolved Solids	2060	2050	1	0.609		5

L1482377-32 Original Sample (OS) • Duplicate (DUP)

(OS) L1482377-32 04/19/22 14:44 • (DUP) R3783716-4 04/19/22 14:44

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Dissolved Solids	2710	2680	1	1.30		5

Laboratory Control Sample (LCS)

(LCS) R3783716-2 04/19/22 14:44

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Dissolved Solids	8800	8420	95.7	77.4-123	

Method Blank (MB)

(MB) R3783325-1 04/19/22 18:10

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Dissolved Solids	U		10.0	10.0

L1482377-68 Original Sample (OS) • Duplicate (DUP)

(OS) L1482377-68 04/19/22 18:10 • (DUP) R3783325-3 04/19/22 18:10

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Dissolved Solids	1340	1350	1	0.372		5

L1482377-72 Original Sample (OS) • Duplicate (DUP)

(OS) L1482377-72 04/19/22 18:10 • (DUP) R3783325-4 04/19/22 18:10

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Dissolved Solids	1540	1610	1	4.28		5

Laboratory Control Sample (LCS)

(LCS) R3783325-2 04/19/22 18:10

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Dissolved Solids	8800	8370	95.1	77.4-123	

Received by OCD: 6/14/2023 2:07:46 PM

Method Blank (MB)

(MB) R3783320-1 04/19/22 18:52

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Dissolved Solids	U		10.0	10.0

L1482377-56 Original Sample (OS) • Duplicate (DUP)

(OS) L1482377-56 04/19/22 18:52 • (DUP) R3783320-3 04/19/22 18:52

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Dissolved Solids	2150	2350	1	8.89	J3	5

L1482377-57 Original Sample (OS) • Duplicate (DUP)

(OS) L1482377-57 04/19/22 18:52 • (DUP) R3783320-4 04/19/22 18:52

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Dissolved Solids	1560	1660	1	6.23	J3	5

Laboratory Control Sample (LCS)

(LCS) R3783320-2 04/19/22 18:52

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Dissolved Solids	8800	8350	94.9	77.4-123	

Released to Imaging: 10/3/2023 9:38:32 AM

Method Blank (MB)

(MB) R3784875-1 04/21/22 16:36

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Dissolved Solids	U		10.0	10.0

L1482377-63 Original Sample (OS) • Duplicate (DUP)

(OS) L1482377-63 04/21/22 16:36 • (DUP) R3784875-3 04/21/22 16:36

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Dissolved Solids	ND	ND	1	0.000		5

Sample Narrative:

OS: Reporting out of hold due to QC issue.

L1483468-17 Original Sample (OS) • Duplicate (DUP)

(OS) L1483468-17 04/21/22 16:36 • (DUP) R3784875-4 04/21/22 16:36

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Dissolved Solids	745	744	1	0.179		5

Laboratory Control Sample (LCS)

(LCS) R3784875-2 04/21/22 16:36

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Dissolved Solids	8800	8480	96.4	77.4-123	

Method Blank (MB)

(MB) R3789842-1 05/07/22 23:12

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Dissolved Solids	U		10.0	10.0

L1482377-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1482377-01 05/07/22 23:12 • (DUP) R3789842-3 05/07/22 23:12

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Dissolved Solids	4090	4010	1	1.98		5

L1482377-16 Original Sample (OS) • Duplicate (DUP)

(OS) L1482377-16 05/07/22 23:12 • (DUP) R3789842-4 05/07/22 23:12

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Dissolved Solids	3310	3320	1	0.151		5

Laboratory Control Sample (LCS)

(LCS) R3789842-2 05/07/22 23:12

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Dissolved Solids	2460	2510	102	81.7-118	

Method Blank (MB)

(MB) R3789849-1 05/08/22 03:19

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Dissolved Solids	U		10.0	10.0

L1482377-68 Original Sample (OS) • Duplicate (DUP)

(OS) L1482377-68 05/08/22 03:19 • (DUP) R3789849-3 05/08/22 03:19

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Dissolved Solids	1430	1410	1	1.23		5

L1488609-03 Original Sample (OS) • Duplicate (DUP)

(OS) L1488609-03 05/08/22 03:19 • (DUP) R3789849-4 05/08/22 03:19

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Dissolved Solids	258	253	1	1.96		5

Laboratory Control Sample (LCS)

(LCS) R3789849-2 05/08/22 03:19

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Dissolved Solids	2460	2610	106	81.7-118	

Method Blank (MB)

(MB) R3782880-1 04/19/22 22:13

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Nitrate-Nitrite	U		0.0500	0.100

L1482377-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1482377-01 04/19/22 22:15 • (DUP) R3782880-3 04/19/22 22:16

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Nitrate-Nitrite	0.0631	U	1	200	P1	20

L1482377-06 Original Sample (OS) • Duplicate (DUP)

(OS) L1482377-06 04/19/22 22:29 • (DUP) R3782880-6 04/19/22 22:30

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Nitrate-Nitrite	0.374	0.380	1	1.59		20

Laboratory Control Sample (LCS)

(LCS) R3782880-2 04/19/22 22:14

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Nitrate-Nitrite	2.50	2.46	98.4	90.0-110	

L1482377-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1482377-01 04/19/22 22:15 • (MS) R3782880-4 04/19/22 22:18 • (MSD) R3782880-5 04/19/22 22:19

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Nitrate-Nitrite	2.50	0.0631	2.57	2.54	100	99.1	1	90.0-110			1.17	20

L1482377-06 Original Sample (OS) • Matrix Spike (MS)

(OS) L1482377-06 04/19/22 22:29 • (MS) R3782880-7 04/19/22 22:32

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Nitrate-Nitrite	2.50	0.374	2.84	98.6	1	90.0-110	

Method Blank (MB)

(MB) R3782899-1 04/20/22 02:37

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Nitrate-Nitrite	U		0.0500	0.100

L1482377-14 Original Sample (OS) • Duplicate (DUP)

(OS) L1482377-14 04/20/22 02:41 • (DUP) R3782899-3 04/20/22 02:42

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Nitrate-Nitrite	U	U	1	0.000		20

L1482377-18 Original Sample (OS) • Duplicate (DUP)

(OS) L1482377-18 04/20/22 02:54 • (DUP) R3782899-6 04/20/22 02:55

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Nitrate-Nitrite	0.693	0.718	1	3.54		20

Laboratory Control Sample (LCS)

(LCS) R3782899-2 04/20/22 02:38

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Nitrate-Nitrite	2.50	2.51	100	90.0-110	

L1482377-14 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1482377-14 04/20/22 02:41 • (MS) R3782899-4 04/20/22 02:43 • (MSD) R3782899-5 04/20/22 02:45

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Nitrate-Nitrite	2.50	U	2.32	2.38	92.8	95.2	1	90.0-110			2.55	20

L1482377-18 Original Sample (OS) • Matrix Spike (MS)

(OS) L1482377-18 04/20/22 02:54 • (MS) R3782899-7 04/20/22 02:56

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Nitrate-Nitrite	2.50	0.693	3.01	92.7	1	90.0-110	

Method Blank (MB)

(MB) R3783335-1 04/20/22 18:41

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Nitrate-Nitrite	U		0.0500	0.100

L1482377-34 Original Sample (OS) • Duplicate (DUP)

(OS) L1482377-34 04/20/22 18:43 • (DUP) R3783335-3 04/20/22 18:45

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Nitrate-Nitrite	1.52	1.49	1	1.99		20

L1482377-40 Original Sample (OS) • Duplicate (DUP)

(OS) L1482377-40 04/20/22 18:57 • (DUP) R3783335-6 04/20/22 18:59

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Nitrate-Nitrite	0.423	0.428	1	1.18		20

Laboratory Control Sample (LCS)

(LCS) R3783335-2 04/20/22 18:42

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Nitrate-Nitrite	2.50	2.57	103	90.0-110	

L1482377-34 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1482377-34 04/20/22 18:43 • (MS) R3783335-4 04/20/22 18:46 • (MSD) R3783335-5 04/20/22 18:47

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Nitrate-Nitrite	2.50	1.52	4.07	3.93	102	96.4	1	90.0-110			3.50	20

L1482377-40 Original Sample (OS) • Matrix Spike (MS)

(OS) L1482377-40 04/20/22 18:57 • (MS) R3783335-7 04/20/22 19:00

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Nitrate-Nitrite	2.50	0.423	2.93	100	1	90.0-110	

Method Blank (MB)

(MB) R3783353-1 04/20/22 21:42

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Nitrate-Nitrite	U		0.0500	0.100

L1482377-63 Original Sample (OS) • Duplicate (DUP)

(OS) L1482377-63 04/20/22 21:46 • (DUP) R3783353-3 04/20/22 21:47

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Nitrate-Nitrite	0.0518	U	1	200	P1	20

L1482377-70 Original Sample (OS) • Duplicate (DUP)

(OS) L1482377-70 04/20/22 22:01 • (DUP) R3783353-6 04/20/22 22:02

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Nitrate-Nitrite	0.0656	0.0661	1	0.759	J	20

Laboratory Control Sample (LCS)

(LCS) R3783353-2 04/20/22 21:43

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Nitrate-Nitrite	2.50	2.61	104	90.0-110	

L1482377-63 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1482377-63 04/20/22 21:46 • (MS) R3783353-4 04/20/22 21:48 • (MSD) R3783353-5 04/20/22 21:50

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Nitrate-Nitrite	2.50	0.0518	2.52	2.53	98.7	99.1	1	90.0-110			0.396	20

L1482377-70 Original Sample (OS) • Matrix Spike (MS)

(OS) L1482377-70 04/20/22 22:01 • (MS) R3783353-7 04/20/22 22:04

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Nitrate-Nitrite	2.50	0.0656	2.55	99.4	1	90.0-110	

Method Blank (MB)

(MB) R3782846-1 04/19/22 17:00

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Cyanide	U		0.00180	0.00500

L1482190-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1482190-02 04/19/22 17:06 • (DUP) R3782846-3 04/19/22 17:07

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Cyanide	U	U	1	0.000		20

L1482377-74 Original Sample (OS) • Duplicate (DUP)

(OS) L1482377-74 04/19/22 17:26 • (DUP) R3782846-8 04/19/22 17:27

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Cyanide	U	U	1	0.000		20

Laboratory Control Sample (LCS)

(LCS) R3782846-2 04/19/22 17:01

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Cyanide	0.100	0.100	100	87.1-120	

L1482192-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1482192-02 04/19/22 17:08 • (MS) R3782846-4 04/19/22 17:09 • (MSD) R3782846-5 04/19/22 17:13

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Cyanide	0.100	U	0.101	0.0952	101	95.2	1	90.0-110			5.91	20

L1482325-05 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1482325-05 04/19/22 17:14 • (MS) R3782846-6 04/19/22 17:15 • (MSD) R3782846-7 04/19/22 17:16

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Cyanide	0.100	U	0.0925	0.0977	92.5	97.7	1	90.0-110			5.47	20

Method Blank (MB)

(MB) R3786466-1 04/22/22 00:57

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Chloride	U		0.379	1.00
Fluoride	U		0.0640	0.150
Sulfate	U		0.594	5.00

L1482377-03 Original Sample (OS) • Duplicate (DUP)

(OS) L1482377-03 04/22/22 02:29 • (DUP) R3786466-3 04/22/22 02:45

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Fluoride	2.57	2.59	1	0.608		15

L1482377-03 Original Sample (OS) • Duplicate (DUP)

(OS) L1482377-03 04/22/22 03:00 • (DUP) R3786466-4 04/22/22 03:15

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	983	982	100	0.0828		15
Sulfate	1940	1940	100	0.199		15

L1482377-11 Original Sample (OS) • Duplicate (DUP)

(OS) L1482377-11 04/22/22 08:43 • (DUP) R3786466-7 04/22/22 08:58

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	U	U	1	0.000		15
Fluoride	U	U	1	0.000		15
Sulfate	U	U	1	0.000		15

Laboratory Control Sample (LCS)

(LCS) R3786466-2 04/22/22 01:12

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Chloride	40.0	39.1	97.8	80.0-120	
Fluoride	8.00	7.93	99.1	80.0-120	
Sulfate	40.0	39.7	99.2	80.0-120	

L1482377-03 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1482377-03 04/22/22 02:29 • (MS) R3786466-5 04/22/22 04:02 • (MSD) R3786466-6 04/22/22 04:17

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Fluoride	5.00	2.57	7.05	7.17	89.6	92.0	1	80.0-120			1.70	15

L1482377-11 Original Sample (OS) • Matrix Spike (MS)

(OS) L1482377-11 04/22/22 08:43 • (MS) R3786466-8 04/22/22 09:14

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Chloride	50.0	U	51.4	103	1	80.0-120	
Fluoride	5.00	U	5.15	103	1	80.0-120	
Sulfate	50.0	U	51.6	103	1	80.0-120	

Method Blank (MB)

(MB) R3784390-1 04/15/22 21:30

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Chloride	0.436	J	0.379	1.00
Fluoride	U		0.0640	0.150
Sulfate	U		0.594	5.00

L1482377-24 Original Sample (OS) • Duplicate (DUP)

(OS) L1482377-24 04/15/22 23:45 • (DUP) R3784390-3 04/16/22 00:02

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	U	U	1	0.000		15
Fluoride	U	U	1	0.000		15
Sulfate	0.690	U	1	200	P1	15

L1482377-31 Original Sample (OS) • Duplicate (DUP)

(OS) L1482377-31 04/16/22 11:55 • (DUP) R3784390-6 04/16/22 12:11

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	45.5	46.1	1	1.39		15
Fluoride	1.16	1.18	1	2.01		15

L1482377-31 Original Sample (OS) • Duplicate (DUP)

(OS) L1482377-31 04/16/22 12:44 • (DUP) R3784390-8 04/16/22 13:01

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Sulfate	1270	1240	20	2.71		15

Laboratory Control Sample (LCS)

(LCS) R3784390-2 04/15/22 21:47

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Chloride	40.0	39.3	98.3	80.0-120	
Fluoride	8.00	8.05	101	80.0-120	
Sulfate	40.0	39.9	99.8	80.0-120	

L1482377-24 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1482377-24 04/15/22 23:45 • (MS) R3784390-4 04/16/22 00:18 • (MSD) R3784390-5 04/16/22 00:35

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Chloride	50.0	U	50.1	49.9	100	99.7	1	80.0-120			0.576	15
Fluoride	5.00	U	4.92	4.95	98.5	99.1	1	80.0-120			0.583	15
Sulfate	50.0	0.690	50.2	50.5	99.0	99.7	1	80.0-120			0.641	15

L1482377-31 Original Sample (OS) • Matrix Spike (MS)

(OS) L1482377-31 04/16/22 11:55 • (MS) R3784390-7 04/16/22 12:28

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Chloride	50.0	45.5	93.2	95.3	1	80.0-120	
Fluoride	5.00	1.16	5.71	91.0	1	80.0-120	
Sulfate	50.0	1230	1260	54.5	1	80.0-120	E V

Method Blank (MB)

(MB) R3784391-1 04/16/22 14:57

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Chloride	0.436	J	0.379	1.00
Fluoride	U		0.0640	0.150
Sulfate	U		0.594	5.00

L1482377-45 Original Sample (OS) • Duplicate (DUP)

(OS) L1482377-45 04/16/22 16:20 • (DUP) R3784391-3 04/16/22 16:36

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	U	0.432	1	200	J P1	15
Fluoride	U	U	1	0.000		15
Sulfate	U	U	1	0.000		15

L1482377-54 Original Sample (OS) • Duplicate (DUP)

(OS) L1482377-54 04/16/22 22:53 • (DUP) R3784391-6 04/16/22 23:10

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	0.450	U	1	200	P1	15
Fluoride	U	U	1	0.000		15
Sulfate	U	U	1	0.000		15

Laboratory Control Sample (LCS)

(LCS) R3784391-2 04/16/22 15:13

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Chloride	40.0	40.1	100	80.0-120	
Fluoride	8.00	8.23	103	80.0-120	
Sulfate	40.0	40.2	100	80.0-120	

L1482377-45 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1482377-45 04/16/22 16:20 • (MS) R3784391-4 04/16/22 16:52 • (MSD) R3784391-5 04/16/22 17:09

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Chloride	50.0	U	51.4	51.0	103	102	1	80.0-120			0.788	15
Fluoride	5.00	U	5.13	5.02	103	100	1	80.0-120			2.34	15
Sulfate	50.0	U	52.0	51.1	104	102	1	80.0-120			1.93	15

L1482377-54 Original Sample (OS) • Matrix Spike (MS)

(OS) L1482377-54 04/16/22 22:53 • (MS) R3784391-7 04/16/22 23:26

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Chloride	50.0	0.450	51.3	102	1	80.0-120	
Fluoride	5.00	U	5.11	102	1	80.0-120	
Sulfate	50.0	U	51.7	103	1	80.0-120	

Method Blank (MB)

(MB) R3783337-1 04/17/22 19:30

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Chloride	U		0.379	1.00
Fluoride	U		0.0640	0.150
Sulfate	U		0.594	5.00

L1482602-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1482602-02 04/18/22 01:02 • (DUP) R3783337-3 04/18/22 01:17

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	20.9	20.9	1	0.127		15
Fluoride	0.134	0.133	1	0.824	J	15
Sulfate	10.7	10.7	1	0.277		15

L1482377-80 Original Sample (OS) • Duplicate (DUP)

(OS) L1482377-80 04/18/22 10:33 • (DUP) R3783337-5 04/18/22 10:49

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	U	U	1	0.000		15
Fluoride	U	U	1	0.000		15
Sulfate	U	U	1	0.000		15

Laboratory Control Sample (LCS)

(LCS) R3783337-2 04/17/22 19:45

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Chloride	40.0	39.9	99.7	80.0-120	
Fluoride	8.00	8.10	101	80.0-120	
Sulfate	40.0	40.6	101	80.0-120	

L1482602-02 Original Sample (OS) • Matrix Spike (MS)

(OS) L1482602-02 04/18/22 01:02 • (MS) R3783337-4 04/18/22 01:33

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Chloride	50.0	20.9	70.5	99.1	1	80.0-120	
Fluoride	5.00	0.134	5.02	97.7	1	80.0-120	
Sulfate	50.0	10.7	60.8	100	1	80.0-120	

L1482377-80 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1482377-80 04/18/22 10:33 • (MS) R3783337-6 04/18/22 11:04 • (MSD) R3783337-7 04/18/22 11:20

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Chloride	50.0	U	45.7	45.7	91.4	91.5	1	80.0-120			0.0396	15
Fluoride	5.00	U	4.53	4.51	90.7	90.2	1	80.0-120			0.460	15
Sulfate	50.0	U	45.7	45.9	91.3	91.7	1	80.0-120			0.430	15

Method Blank (MB)

(MB) R3785616-1 04/27/22 10:15

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Mercury	U		0.000100	0.000200

Laboratory Control Sample (LCS)

(LCS) R3785616-2 04/27/22 10:17

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Mercury	0.00300	0.00295	98.3	80.0-120	

L1481152-36 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1481152-36 04/27/22 10:20 • (MS) R3785616-3 04/27/22 10:22 • (MSD) R3785616-5 04/27/22 13:12

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Mercury	0.00300	U	0.00286	0.00296	95.3	98.7	1	75.0-125			3.44	20

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

Method Blank (MB)

(MB) R3785547-1 04/27/22 09:07

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Mercury,Dissolved	U		0.000100	0.000200

Laboratory Control Sample (LCS)

(LCS) R3785547-2 04/27/22 09:09

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Mercury,Dissolved	0.00300	0.00297	99.0	80.0-120	

L1482549-04 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1482549-04 04/27/22 09:11 • (MS) R3785547-3 04/27/22 09:18 • (MSD) R3785547-4 04/27/22 09:20

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Mercury,Dissolved	0.00300	U	0.00291	0.00286	97.0	95.3	1	75.0-125			1.73	20

Method Blank (MB)

(MB) R3784648-1 04/22/22 15:44

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Boron,Dissolved	U		0.0200	0.200

Laboratory Control Sample (LCS)

(LCS) R3784648-2 04/22/22 15:46

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Boron,Dissolved	1.00	0.925	92.5	80.0-120	

L1482325-03 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1482325-03 04/22/22 15:49 • (MS) R3784648-4 04/22/22 15:54 • (MSD) R3784648-5 04/22/22 15:57

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Boron,Dissolved	1.00	0.252	1.20	1.21	95.2	96.0	1	75.0-125			0.646	20

Method Blank (MB)

(MB) R3784491-1 04/22/22 18:09

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Boron	U		0.0200	0.200

Laboratory Control Sample (LCS)

(LCS) R3784491-2 04/22/22 18:11

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Boron	1.00	0.949	94.9	80.0-120	

L1482337-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1482337-01 04/22/22 18:14 • (MS) R3784491-4 04/22/22 18:19 • (MSD) R3784491-5 04/22/22 18:21

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Boron	1.00	0.197	1.14	1.14	94.2	93.9	1	75.0-125			0.192	20

Method Blank (MB)

(MB) R3782433-1 04/19/22 01:07

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Arsenic	U		0.000180	0.00200
Barium	U		0.000381	0.00200
Calcium	U		0.0936	1.00
Chromium	U		0.00124	0.00200
Iron	U		0.0281	0.100
Lead	U		0.000849	0.00200
Manganese	U		0.000704	0.00500
Potassium	U		0.108	2.00
Selenium	U		0.000300	0.00200
Sodium	U		0.376	2.00

Laboratory Control Sample (LCS)

(LCS) R3782433-2 04/19/22 01:10

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Arsenic	0.0500	0.0482	96.5	80.0-120	
Barium	0.0500	0.0459	91.9	80.0-120	
Calcium	5.00	4.91	98.1	80.0-120	
Chromium	0.0500	0.0497	99.4	80.0-120	
Iron	5.00	5.10	102	80.0-120	
Lead	0.0500	0.0447	89.5	80.0-120	
Manganese	0.0500	0.0495	98.9	80.0-120	
Potassium	5.00	4.84	96.8	80.0-120	
Selenium	0.0500	0.0491	98.2	80.0-120	
Sodium	5.00	4.83	96.6	80.0-120	

L1482173-04 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1482173-04 04/19/22 01:14 • (MS) R3782433-4 04/19/22 01:21 • (MSD) R3782433-5 04/19/22 01:24

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Arsenic	0.0500	U	0.0491	0.0490	98.1	98.0	1	75.0-125			0.152	20
Barium	0.0500	0.0489	0.0965	0.0968	95.2	95.8	1	75.0-125			0.302	20
Calcium	5.00	45.3	50.1	50.5	95.4	103	1	75.0-125			0.733	20
Chromium	0.0500	U	0.0507	0.0513	101	103	1	75.0-125			1.12	20
Iron	5.00	0.133	5.13	5.30	99.9	103	1	75.0-125			3.22	20
Lead	0.0500	U	0.0480	0.0468	96.0	93.5	1	75.0-125			2.65	20
Manganese	0.0500	0.116	0.149	0.161	67.1	90.7	1	75.0-125	J6		7.61	20

Received by OCD: 6/14/2023 2:07:46 PM

L1482173-04 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1482173-04 04/19/22 01:14 • (MS) R3782433-4 04/19/22 01:21 • (MSD) R3782433-5 04/19/22 01:24

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Potassium	5.00	4.73	9.59	9.58	97.1	97.0	1	75.0-125			0.0733	20
Selenium	0.0500	0.000352	0.0516	0.0503	102	99.8	1	75.0-125			2.58	20
Sodium	5.00	19.1	24.5	24.5	107	108	1	75.0-125			0.0534	20

Released to Imaging: 10/3/2023 9:38:32 AM

Method Blank (MB)

(MB) R3783545-1 04/21/22 10:06

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Arsenic,Dissolved	U		0.000180	0.00200
Barium,Dissolved	U		0.000381	0.00200
Chromium,Dissolved	U		0.00124	0.00200
Iron,Dissolved	U		0.0281	0.100
Lead,Dissolved	U		0.000849	0.00200
Manganese,Dissolved	U		0.000704	0.00500
Selenium,Dissolved	U		0.000300	0.00200

Laboratory Control Sample (LCS)

(LCS) R3783545-2 04/21/22 10:09

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Arsenic,Dissolved	0.0500	0.0458	91.7	80.0-120	
Barium,Dissolved	0.0500	0.0445	89.0	80.0-120	
Chromium,Dissolved	0.0500	0.0481	96.3	80.0-120	
Iron,Dissolved	5.00	4.90	98.1	80.0-120	
Lead,Dissolved	0.0500	0.0475	95.1	80.0-120	
Manganese,Dissolved	0.0500	0.0466	93.2	80.0-120	
Selenium,Dissolved	0.0500	0.0516	103	80.0-120	

L1482377-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1482377-01 04/21/22 10:12 • (MS) R3783545-4 04/21/22 10:19 • (MSD) R3783545-5 04/21/22 10:22

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Arsenic,Dissolved	0.0500	0.00158	0.0495	0.0493	95.8	95.4	1	75.0-125			0.392	20
Barium,Dissolved	0.0500	0.0192	0.0647	0.0656	91.1	92.9	1	75.0-125			1.38	20
Chromium,Dissolved	0.0500	U	0.0491	0.0498	98.2	99.6	1	75.0-125			1.36	20
Iron,Dissolved	5.00	0.941	6.15	5.95	104	100	1	75.0-125			3.26	20
Lead,Dissolved	0.0500	U	0.0470	0.0478	94.0	95.5	1	75.0-125			1.58	20
Manganese,Dissolved	0.0500	0.423	0.480	0.475	113	104	1	75.0-125			0.971	20
Selenium,Dissolved	0.0500	U	0.0535	0.0536	107	107	1	75.0-125			0.226	20

Method Blank (MB)

(MB) R3783357-1 04/20/22 23:01

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Arsenic,Dissolved	U		0.000180	0.00200
Barium,Dissolved	U		0.000381	0.00200
Cadmium,Dissolved	U		0.000150	0.00100
Chromium,Dissolved	U		0.00124	0.00200
Cobalt,Dissolved	U		0.0000596	0.00200
Iron,Dissolved	U		0.0281	0.100
Lead,Dissolved	U		0.000849	0.00200
Manganese,Dissolved	U		0.000704	0.00500
Nickel,Dissolved	U		0.000816	0.00200
Selenium,Dissolved	U		0.000300	0.00200
Uranium,Dissolved	U		0.0000789	0.00100
Vanadium,Dissolved	U		0.000664	0.00500

Laboratory Control Sample (LCS)

(LCS) R3783357-2 04/20/22 23:04

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Arsenic,Dissolved	0.0500	0.0454	90.8	80.0-120	
Barium,Dissolved	0.0500	0.0461	92.2	80.0-120	
Cadmium,Dissolved	0.0500	0.0476	95.2	80.0-120	
Chromium,Dissolved	0.0500	0.0471	94.1	80.0-120	
Cobalt,Dissolved	0.0500	0.0478	95.6	80.0-120	
Iron,Dissolved	5.00	4.64	92.9	80.0-120	
Lead,Dissolved	0.0500	0.0463	92.6	80.0-120	
Manganese,Dissolved	0.0500	0.0469	93.9	80.0-120	
Nickel,Dissolved	0.0500	0.0484	96.8	80.0-120	
Selenium,Dissolved	0.0500	0.0466	93.3	80.0-120	
Uranium,Dissolved	0.0500	0.0448	89.6	80.0-120	
Vanadium,Dissolved	0.0500	0.0460	91.9	80.0-120	

L1482377-19 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1482377-19 04/20/22 23:07 • (MS) R3783357-4 04/20/22 23:14 • (MSD) R3783357-5 04/20/22 23:17

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Arsenic,Dissolved	0.0500	0.00672	0.0524	0.0551	91.3	96.8	1	75.0-125			5.07	20
Barium,Dissolved	0.0500	0.0204	0.0681	0.0699	95.3	99.0	1	75.0-125			2.63	20
Cadmium,Dissolved	0.0500	U	0.0484	0.0484	96.8	96.8	1	75.0-125			0.0352	20

L1482377-19 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1482377-19 04/20/22 23:07 • (MS) R3783357-4 04/20/22 23:14 • (MSD) R3783357-5 04/20/22 23:17

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Chromium,Dissolved	0.0500	U	0.0456	0.0469	91.2	93.9	1	75.0-125			2.85	20
Cobalt,Dissolved	0.0500	0.000116	0.0450	0.0459	89.7	91.6	1	75.0-125			2.01	20
Iron,Dissolved	5.00	1.02	5.52	5.64	90.1	92.3	1	75.0-125			2.00	20
Lead,Dissolved	0.0500	U	0.0473	0.0478	94.5	95.7	1	75.0-125			1.19	20
Manganese,Dissolved	0.0500	0.152	0.199	0.201	95.1	98.8	1	75.0-125			0.924	20
Nickel,Dissolved	0.0500	U	0.0441	0.0462	88.2	92.4	1	75.0-125			4.70	20
Selenium,Dissolved	0.0500	U	0.0496	0.0523	99.2	105	1	75.0-125			5.21	20
Uranium,Dissolved	0.0500	0.00121	0.0492	0.0496	96.0	96.7	1	75.0-125			0.715	20
Vanadium,Dissolved	0.0500	U	0.0477	0.0492	95.3	98.5	1	75.0-125			3.27	20

Method Blank (MB)

(MB) R3783456-1 04/20/22 23:05

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Arsenic,Dissolved	U		0.000180	0.00200
Barium,Dissolved	U		0.000381	0.00200
Cadmium,Dissolved	U		0.000150	0.00100
Chromium,Dissolved	0.00208		0.00124	0.00200
Cobalt,Dissolved	U		0.0000596	0.00200
Iron,Dissolved	U		0.0281	0.100
Lead,Dissolved	U		0.000849	0.00200
Manganese,Dissolved	U		0.000704	0.00500
Nickel,Dissolved	0.00104	J	0.000816	0.00200
Selenium,Dissolved	U		0.000300	0.00200
Uranium,Dissolved	U		0.0000789	0.00100
Vanadium,Dissolved	0.000675	J	0.000664	0.00500

Laboratory Control Sample (LCS)

(LCS) R3783456-2 04/20/22 23:08

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Arsenic,Dissolved	0.0500	0.0463	92.7	80.0-120	
Barium,Dissolved	0.0500	0.0457	91.3	80.0-120	
Cadmium,Dissolved	0.0500	0.0494	98.8	80.0-120	
Chromium,Dissolved	0.0500	0.0486	97.2	80.0-120	
Cobalt,Dissolved	0.0500	0.0481	96.2	80.0-120	
Iron,Dissolved	5.00	4.90	98.1	80.0-120	
Lead,Dissolved	0.0500	0.0480	95.9	80.0-120	
Manganese,Dissolved	0.0500	0.0473	94.6	80.0-120	
Nickel,Dissolved	0.0500	0.0493	98.6	80.0-120	
Selenium,Dissolved	0.0500	0.0476	95.3	80.0-120	
Uranium,Dissolved	0.0500	0.0451	90.1	80.0-120	
Vanadium,Dissolved	0.0500	0.0474	94.8	80.0-120	

L1482377-42 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1482377-42 04/20/22 23:11 • (MS) R3783456-4 04/20/22 23:18 • (MSD) R3783456-5 04/20/22 23:21

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Arsenic,Dissolved	0.0500	0.00166	0.0466	0.0494	89.9	95.4	1	75.0-125			5.74	20
Barium,Dissolved	0.0500	0.00886	0.0548	0.0567	91.8	95.8	1	75.0-125			3.52	20
Cadmium,Dissolved	0.0500	U	0.0475	0.0492	95.0	98.5	1	75.0-125			3.59	20

L1482377-42 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1482377-42 04/20/22 23:11 • (MS) R3783456-4 04/20/22 23:18 • (MSD) R3783456-5 04/20/22 23:21

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Chromium,Dissolved	0.0500	0.00183	0.0466	0.0498	89.4	96.0	1	75.0-125			6.83	20
Cobalt,Dissolved	0.0500	0.000112	0.0452	0.0478	90.3	95.3	1	75.0-125			5.40	20
Iron,Dissolved	5.00	U	4.68	5.01	93.6	100	1	75.0-125			6.76	20
Lead,Dissolved	0.0500	U	0.0466	0.0486	93.2	97.2	1	75.0-125			4.16	20
Manganese,Dissolved	0.0500	U	0.0444	0.0471	88.9	94.2	1	75.0-125			5.82	20
Nickel,Dissolved	0.0500	0.000903	0.0460	0.0493	90.2	96.9	1	75.0-125			7.02	20
Selenium,Dissolved	0.0500	0.00255	0.0500	0.0510	94.9	96.9	1	75.0-125			1.92	20
Uranium,Dissolved	0.0500	0.0263	0.0714	0.0746	90.2	96.7	1	75.0-125			4.39	20
Vanadium,Dissolved	0.0500	0.0130	0.0581	0.0620	90.3	98.0	1	75.0-125			6.40	20

Method Blank (MB)

(MB) R3783188-1 04/20/22 13:26

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Arsenic,Dissolved	U		0.000180	0.00200
Barium,Dissolved	U		0.000381	0.00200
Cadmium,Dissolved	U		0.000150	0.00100
Chromium,Dissolved	U		0.00124	0.00200
Cobalt,Dissolved	U		0.0000596	0.00200
Iron,Dissolved	U		0.0281	0.100
Lead,Dissolved	U		0.000849	0.00200
Manganese,Dissolved	U		0.000704	0.00500
Nickel,Dissolved	U		0.000816	0.00200
Selenium,Dissolved	U		0.000300	0.00200
Uranium,Dissolved	U		0.0000789	0.00100
Vanadium,Dissolved	0.000744	J	0.000664	0.00500

Laboratory Control Sample (LCS)

(LCS) R3783188-2 04/20/22 13:30

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Arsenic,Dissolved	0.0500	0.0461	92.2	80.0-120	
Barium,Dissolved	0.0500	0.0456	91.2	80.0-120	
Cadmium,Dissolved	0.0500	0.0487	97.5	80.0-120	
Chromium,Dissolved	0.0500	0.0483	96.7	80.0-120	
Cobalt,Dissolved	0.0500	0.0483	96.5	80.0-120	
Iron,Dissolved	5.00	4.82	96.4	80.0-120	
Lead,Dissolved	0.0500	0.0443	88.6	80.0-120	
Manganese,Dissolved	0.0500	0.0477	95.5	80.0-120	
Nickel,Dissolved	0.0500	0.0488	97.6	80.0-120	
Selenium,Dissolved	0.0500	0.0496	99.2	80.0-120	
Uranium,Dissolved	0.0500	0.0431	86.3	80.0-120	
Vanadium,Dissolved	0.0500	0.0485	97.0	80.0-120	

L1482377-63 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1482377-63 04/20/22 13:33 • (MS) R3783188-4 04/20/22 13:40 • (MSD) R3783188-5 04/20/22 13:43

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Arsenic,Dissolved	0.0500	U	0.0444	0.0453	88.8	90.6	1	75.0-125			2.07	20
Barium,Dissolved	0.0500	0.000506	0.0457	0.0466	90.4	92.2	1	75.0-125			1.98	20
Cadmium,Dissolved	0.0500	U	0.0500	0.0503	99.9	101	1	75.0-125			0.697	20

L1482377-63 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1482377-63 04/20/22 13:33 • (MS) R3783188-4 04/20/22 13:40 • (MSD) R3783188-5 04/20/22 13:43

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Chromium,Dissolved	0.0500	0.00131	0.0475	0.0487	92.4	94.7	1	75.0-125			2.39	20
Cobalt,Dissolved	0.0500	U	0.0468	0.0484	93.6	96.8	1	75.0-125			3.34	20
Iron,Dissolved	5.00	U	4.62	4.78	92.3	95.6	1	75.0-125			3.49	20
Lead,Dissolved	0.0500	U	0.0462	0.0470	92.3	94.0	1	75.0-125			1.80	20
Manganese,Dissolved	0.0500	U	0.0476	0.0480	95.2	95.9	1	75.0-125			0.784	20
Nickel,Dissolved	0.0500	U	0.0492	0.0494	98.5	98.7	1	75.0-125			0.244	20
Selenium,Dissolved	0.0500	U	0.0495	0.0501	99.0	100	1	75.0-125			1.20	20
Uranium,Dissolved	0.0500	U	0.0438	0.0455	87.6	90.9	1	75.0-125			3.72	20
Vanadium,Dissolved	0.0500	0.000837	0.0472	0.0485	92.8	95.4	1	75.0-125			2.74	20

Method Blank (MB)

(MB) R3783799-1 04/21/22 15:38

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Arsenic	U		0.000180	0.00200
Barium	0.000634	J	0.000381	0.00200
Cadmium	U		0.000150	0.00100
Calcium	0.200	J	0.0936	1.00
Chromium	U		0.00124	0.00200
Cobalt	U		0.0000596	0.00200
Iron	U		0.0281	0.100
Lead	U		0.000849	0.00200
Manganese	0.00102	J	0.000704	0.00500
Nickel	U		0.000816	0.00200
Potassium	U		0.108	2.00
Selenium	U		0.000300	0.00200
Sodium	U		0.376	2.00
Uranium	U		0.0000789	0.00100
Vanadium	0.000870	J	0.000664	0.00500

Laboratory Control Sample (LCS)

(LCS) R3783799-2 04/21/22 15:41

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Arsenic	0.0500	0.0464	92.8	80.0-120	
Barium	0.0500	0.0461	92.3	80.0-120	
Cadmium	0.0500	0.0489	97.9	80.0-120	
Calcium	5.00	4.73	94.7	80.0-120	
Chromium	0.0500	0.0503	101	80.0-120	
Cobalt	0.0500	0.0486	97.2	80.0-120	
Iron	5.00	4.84	96.8	80.0-120	
Lead	0.0500	0.0475	95.0	80.0-120	
Manganese	0.0500	0.0474	94.7	80.0-120	
Nickel	0.0500	0.0489	97.7	80.0-120	
Potassium	5.00	4.53	90.7	80.0-120	
Selenium	0.0500	0.0479	95.7	80.0-120	
Sodium	5.00	4.84	96.8	80.0-120	
Uranium	0.0500	0.0482	96.4	80.0-120	
Vanadium	0.0500	0.0486	97.3	80.0-120	

L1482377-04 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1482377-04 04/21/22 15:44 • (MS) R3783799-4 04/21/22 15:51 • (MSD) R3783799-5 04/21/22 15:54

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Arsenic	0.0500	0.00473	0.0545	0.0516	99.6	93.8	1	75.0-125			5.42	20
Barium	0.0500	0.0141	0.0635	0.0644	98.8	101	1	75.0-125			1.42	20
Cadmium	0.0500	U	0.0522	0.0513	104	103	1	75.0-125			1.73	20
Calcium	5.00	590	588	586	0.000	0.000	1	75.0-125	V	V	0.406	20
Chromium	0.0500	0.0709	0.0517	0.0504	0.000	0.000	1	75.0-125	J6	J6	2.40	20
Cobalt	0.0500	0.00152	0.0503	0.0483	97.6	93.6	1	75.0-125			4.01	20
Iron	5.00	0.357	5.09	4.84	94.7	89.7	1	75.0-125			5.02	20
Lead	0.0500	U	0.0503	0.0495	101	99.0	1	75.0-125			1.62	20
Manganese	0.0500	0.393	0.424	0.410	61.9	32.7	1	75.0-125	V	V	3.50	20
Nickel	0.0500	0.111	0.0501	0.0474	0.000	0.000	1	75.0-125	J6	J6	5.41	20
Potassium	5.00	6.52	11.0	11.2	90.2	92.8	1	75.0-125			1.14	20
Selenium	0.0500	0.000925	0.0540	0.0524	106	103	1	75.0-125			3.06	20
Sodium	5.00	1070	1060	1070	0.000	85.9	1	75.0-125	E V	E	0.979	20
Uranium	0.0500	0.000896	0.0537	0.0531	106	104	1	75.0-125			1.22	20
Vanadium	0.0500	0.00168	0.0534	0.0511	103	98.8	1	75.0-125			4.44	20

Method Blank (MB)

(MB) R3783725-1 04/21/22 13:41

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Arsenic	U		0.000180	0.00200
Barium	U		0.000381	0.00200
Cadmium	U		0.000150	0.00100
Calcium	U		0.0936	1.00
Chromium	U		0.00124	0.00200
Cobalt	U		0.0000596	0.00200
Iron	U		0.0281	0.100
Lead	U		0.000849	0.00200
Manganese	U		0.000704	0.00500
Nickel	U		0.000816	0.00200
Potassium	U		0.108	2.00
Selenium	U		0.000300	0.00200
Sodium	U		0.376	2.00
Uranium	U		0.0000789	0.00100
Vanadium	0.000724	J	0.000664	0.00500

Laboratory Control Sample (LCS)

(LCS) R3783725-2 04/21/22 13:45

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Arsenic	0.0500	0.0470	94.0	80.0-120	
Barium	0.0500	0.0481	96.3	80.0-120	
Cadmium	0.0500	0.0513	103	80.0-120	
Calcium	5.00	5.81	116	80.0-120	
Chromium	0.0500	0.0501	100	80.0-120	
Cobalt	0.0500	0.0503	101	80.0-120	
Iron	5.00	4.92	98.4	80.0-120	
Lead	0.0500	0.0496	99.2	80.0-120	
Manganese	0.0500	0.0504	101	80.0-120	
Nickel	0.0500	0.0501	100	80.0-120	
Potassium	5.00	5.12	102	80.0-120	
Selenium	0.0500	0.0510	102	80.0-120	
Sodium	5.00	5.49	110	80.0-120	
Uranium	0.0500	0.0499	99.9	80.0-120	
Vanadium	0.0500	0.0498	99.6	80.0-120	

L1482377-26 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1482377-26 04/21/22 13:48 • (MS) R3783725-4 04/21/22 13:55 • (MSD) R3783725-5 04/21/22 13:58

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Arsenic	0.0500	0.00478	0.0524	0.0542	95.2	98.9	1	75.0-125			3.46	20
Barium	0.0500	0.00900	0.0572	0.0600	96.3	102	1	75.0-125			4.81	20
Cadmium	0.0500	U	0.0525	0.0520	105	104	1	75.0-125			1.02	20
Calcium	5.00	392	390	394	0.000	44.0	1	75.0-125	V	V	1.09	20
Chromium	0.0500	U	0.0497	0.0514	99.3	103	1	75.0-125			3.36	20
Cobalt	0.0500	0.000434	0.0483	0.0504	95.8	100	1	75.0-125			4.24	20
Iron	5.00	U	4.76	5.00	95.2	100	1	75.0-125			4.97	20
Lead	0.0500	U	0.0509	0.0505	102	101	1	75.0-125			0.679	20
Manganese	0.0500	0.0991	0.149	0.156	99.6	114	1	75.0-125			4.70	20
Nickel	0.0500	U	0.0493	0.0511	98.6	102	1	75.0-125			3.65	20
Potassium	5.00	1.70	6.52	6.35	96.5	92.9	1	75.0-125			2.74	20
Selenium	0.0500	0.0232	0.0744	0.0751	102	104	1	75.0-125			1.06	20
Sodium	5.00	279	284	285	96.3	115	1	75.0-125			0.336	20
Uranium	0.0500	0.0416	0.0953	0.0958	107	108	1	75.0-125			0.560	20
Vanadium	0.0500	0.0381	0.0870	0.0905	97.8	105	1	75.0-125			3.95	20

Method Blank (MB)

(MB) R3783367-1 04/20/22 18:56

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Arsenic	U		0.000180	0.00200
Barium	U		0.000381	0.00200
Calcium	U		0.0936	1.00
Chromium	U		0.00124	0.00200
Iron	U		0.0281	0.100
Lead	U		0.000849	0.00200
Manganese	U		0.000704	0.00500
Potassium	U		0.108	2.00
Selenium	U		0.000300	0.00200
Sodium	U		0.376	2.00

Laboratory Control Sample (LCS)

(LCS) R3783367-2 04/20/22 18:59

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Arsenic	0.0500	0.0454	90.7	80.0-120	
Barium	0.0500	0.0462	92.3	80.0-120	
Calcium	5.00	4.73	94.6	80.0-120	
Chromium	0.0500	0.0484	96.8	80.0-120	
Iron	5.00	4.83	96.6	80.0-120	
Lead	0.0500	0.0471	94.2	80.0-120	
Manganese	0.0500	0.0469	93.9	80.0-120	
Potassium	5.00	4.63	92.5	80.0-120	
Selenium	0.0500	0.0469	93.7	80.0-120	
Sodium	5.00	4.73	94.7	80.0-120	

L1482377-47 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1482377-47 04/20/22 19:03 • (MS) R3783367-4 04/20/22 19:09 • (MSD) R3783367-5 04/20/22 19:13

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Arsenic	0.0500	0.00256	0.0464	0.0467	87.6	88.4	1	75.0-125			0.830	20
Barium	0.0500	0.0109	0.0571	0.0586	92.3	95.3	1	75.0-125			2.58	20
Calcium	5.00	372	368	371	0.000	0.000	1	75.0-125	V	V	1.01	20
Chromium	0.0500	0.00171	0.0456	0.0457	87.8	88.0	1	75.0-125			0.212	20
Iron	5.00	0.0768	4.49	4.50	88.3	88.5	1	75.0-125			0.283	20
Lead	0.0500	U	0.0457	0.0459	91.4	91.7	1	75.0-125			0.358	20
Manganese	0.0500	0.0475	0.0912	0.0924	87.4	89.7	1	75.0-125			1.28	20

L1482377-47 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1482377-47 04/20/22 19:03 • (MS) R3783367-4 04/20/22 19:09 • (MSD) R3783367-5 04/20/22 19:13

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Potassium	5.00	0.558	4.92	4.92	87.2	87.3	1	75.0-125			0.122	20
Selenium	0.0500	0.0351	0.0818	0.0823	93.4	94.4	1	75.0-125			0.602	20
Sodium	5.00	124	127	130	66.3	114	1	75.0-125	V		1.86	20

Method Blank (MB)

(MB) R3783543-1 04/21/22 10:17

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Arsenic	U		0.000180	0.00200
Barium	U		0.000381	0.00200
Cadmium	U		0.000150	0.00100
Calcium	0.316	J	0.0936	1.00
Chromium	U		0.00124	0.00200
Cobalt	U		0.0000596	0.00200
Iron	U		0.0281	0.100
Lead	U		0.000849	0.00200
Manganese	U		0.000704	0.00500
Nickel	U		0.000816	0.00200
Potassium	0.268	J	0.108	2.00
Selenium	U		0.000300	0.00200
Sodium	U		0.376	2.00
Uranium	U		0.0000789	0.00100
Vanadium	0.000931	J	0.000664	0.00500

Laboratory Control Sample (LCS)

(LCS) R3783543-2 04/21/22 10:21

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Arsenic	0.0500	0.0475	95.0	80.0-120	
Barium	0.0500	0.0480	96.1	80.0-120	
Cadmium	0.0500	0.0508	102	80.0-120	
Calcium	5.00	4.91	98.2	80.0-120	
Chromium	0.0500	0.0506	101	80.0-120	
Cobalt	0.0500	0.0497	99.3	80.0-120	
Iron	5.00	4.93	98.5	80.0-120	
Lead	0.0500	0.0493	98.5	80.0-120	
Manganese	0.0500	0.0485	96.9	80.0-120	
Nickel	0.0500	0.0516	103	80.0-120	
Potassium	5.00	4.79	95.8	80.0-120	
Selenium	0.0500	0.0518	104	80.0-120	
Sodium	5.00	4.95	99.1	80.0-120	
Uranium	0.0500	0.0498	99.6	80.0-120	
Vanadium	0.0500	0.0498	99.6	80.0-120	

L1482377-69 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1482377-69 04/21/22 10:24 • (MS) R3783543-4 04/21/22 10:31 • (MSD) R3783543-5 04/21/22 10:34

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Arsenic	0.0500	0.00652	0.0554	0.0543	97.8	95.6	1	75.0-125			1.96	20
Barium	0.0500	0.0224	0.0714	0.0718	98.0	98.9	1	75.0-125			0.661	20
Cadmium	0.0500	U	0.0516	0.0503	103	101	1	75.0-125			2.54	20
Calcium	5.00	581	573	579	0.000	0.000	1	75.0-125	V	V	1.15	20
Chromium	0.0500	0.00146	0.0519	0.0502	101	97.5	1	75.0-125			3.30	20
Cobalt	0.0500	0.000417	0.0500	0.0490	99.1	97.1	1	75.0-125			1.96	20
Iron	5.00	3.76	8.83	8.85	101	102	1	75.0-125			0.220	20
Lead	0.0500	U	0.0510	0.0501	102	100	1	75.0-125			1.87	20
Manganese	0.0500	0.165	0.213	0.210	96.4	91.0	1	75.0-125			1.27	20
Nickel	0.0500	0.00425	0.0536	0.0527	98.8	96.9	1	75.0-125			1.80	20
Potassium	5.00	4.50	9.13	9.56	92.5	101	1	75.0-125			4.66	20
Selenium	0.0500	0.00158	0.0541	0.0524	105	102	1	75.0-125			3.26	20
Sodium	5.00	290	290	293	0.000	43.6	1	75.0-125	V	V	0.831	20
Uranium	0.0500	0.0196	0.0733	0.0722	107	105	1	75.0-125			1.45	20
Vanadium	0.0500	0.00169	0.0527	0.0510	102	98.6	1	75.0-125			3.34	20

Method Blank (MB)

(MB) R3784422-1 04/22/22 17:31

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Chromium,Dissolved	U		0.00124	0.00200

Laboratory Control Sample (LCS)

(LCS) R3784422-2 04/22/22 17:34

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Chromium,Dissolved	0.0500	0.0537	107	80.0-120	

L1484856-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1484856-01 04/22/22 17:38 • (MS) R3784422-4 04/22/22 17:44 • (MSD) R3784422-5 04/22/22 17:47

Analyte	Spike Amount mg/l	Original Result	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Chromium,Dissolved	0.0500		0.0521	0.0527	104	105	1	75.0-125			1.22	20

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Method Blank (MB)

(MB) R3782293-2 04/18/22 06:05

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
TPH (GC/FID) Low Fraction	0.0366	J	0.0314	0.100
(S) a,a,a-Trifluorotoluene(FID)	*97.1*			*78.0-120*

Laboratory Control Sample (LCS)

(LCS) R3782293-1 04/18/22 04:55

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
TPH (GC/FID) Low Fraction	5.50	5.81	106	72.0-127	
(S) a,a,a-Trifluorotoluene(FID)			*102*	*78.0-120*	

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Method Blank (MB)

(MB) R3783055-2 04/18/22 08:56

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
TPH (GC/FID) Low Fraction	U		0.0314	0.100
(S) a,a,a-Trifluorotoluene(FID)	*110*			*78.0-120*

Laboratory Control Sample (LCS)

(LCS) R3783055-1 04/18/22 07:57

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
TPH (GC/FID) Low Fraction	5.50	5.53	101	72.0-127	
(S) a,a,a-Trifluorotoluene(FID)			*101*	*78.0-120*	

L1482377-18 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1482377-18 04/18/22 10:55 • (MS) R3783055-3 04/18/22 17:50 • (MSD) R3783055-4 04/18/22 18:12

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
TPH (GC/FID) Low Fraction	5.50	U	5.69	5.73	103	104	1	10.0-160			0.701	22
(S) a,a,a-Trifluorotoluene(FID)					*97.4*	*96.4*		*78.0-120*				

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Method Blank (MB)

(MB) R3783369-3 04/18/22 13:10

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
TPH (GC/FID) Low Fraction	U		0.0314	0.100
(S) a,a,a-Trifluorotoluene(FID)	*98.8*			*78.0-120*

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

(LCS) R3783369-1 04/18/22 11:33 • (LCSD) R3783369-2 04/18/22 11:57

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
TPH (GC/FID) Low Fraction	5.50	5.60	6.29	102	114	72.0-127			11.6	20
(S) a,a,a-Trifluorotoluene(FID)				*104*	*105*	*78.0-120*				

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Method Blank (MB)

(MB) R3782681-2 04/15/22 16:00

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Acetone	U		0.0113	0.0500
Benzene	U		0.0000941	0.00100
Bromodichloromethane	U		0.000136	0.00100
Bromoform	U		0.000129	0.00100
Bromomethane	U		0.000605	0.00500
n-Butylbenzene	U		0.000157	0.00100
sec-Butylbenzene	U		0.000125	0.00100
Carbon disulfide	U		0.0000962	0.00100
Carbon tetrachloride	U		0.000128	0.00100
Chlorobenzene	U		0.000116	0.00100
Chlorodibromomethane	U		0.000140	0.00100
Chloroethane	U		0.000192	0.00500
Chloroform	U		0.000111	0.00500
Chloromethane	U		0.000960	0.00250
1,2-Dibromoethane	U		0.000126	0.00100
1,1-Dichloroethane	U		0.000100	0.00100
1,2-Dichloroethane	U		0.0000819	0.00100
1,1-Dichloroethene	U		0.000188	0.00100
cis-1,2-Dichloroethene	U		0.000126	0.00100
trans-1,2-Dichloroethene	U		0.000149	0.00100
1,2-Dichloropropane	U		0.000149	0.00100
cis-1,3-Dichloropropene	U		0.000111	0.00100
trans-1,3-Dichloropropene	U		0.000118	0.00100
Ethylbenzene	U		0.000137	0.00100
Isopropylbenzene	U		0.000105	0.00100
p-Isopropyltoluene	U		0.000120	0.00100
2-Butanone (MEK)	U		0.00119	0.0100
2-Hexanone	U		0.000787	0.0100
Methylene Chloride	U		0.000430	0.00500
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100
Methyl tert-butyl ether	U		0.000101	0.00100
Naphthalene	U		0.00100	0.00500
n-Propylbenzene	U		0.0000993	0.00100
Styrene	U		0.000118	0.00100
tert-Butyl alcohol	U		0.00406	0.00500
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100
Tetrachloroethene	U		0.000300	0.00100
Toluene	U		0.000278	0.00100
1,1,1-Trichloroethane	U		0.000149	0.00100

Method Blank (MB)

(MB) R3782681-2 04/15/22 16:00

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
1,1,2-Trichloroethane	U		0.000158	0.00100
Trichloroethene	U		0.000190	0.00100
1,2,4-Trimethylbenzene	U		0.000322	0.00100
1,3,5-Trimethylbenzene	U		0.000104	0.00100
Vinyl chloride	U		0.000234	0.00100
o-Xylene	U		0.000174	0.00100
m&p-Xylenes	U		0.000430	0.00200
Xylenes, Total	U		0.000174	0.00300
(S) Toluene-d8	*104*			*80.0-120*
(S) 4-Bromofluorobenzene	*96.9*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*115*			*70.0-130*

Laboratory Control Sample (LCS)

(LCS) R3782681-1 04/15/22 15:19

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Acetone	0.0250	0.0358	143	19.0-160	
Benzene	0.00500	0.00477	95.4	70.0-123	
Bromodichloromethane	0.00500	0.00516	103	75.0-120	
Bromoform	0.00500	0.00456	91.2	68.0-132	
Bromomethane	0.00500	0.00356	71.2	10.0-160	
n-Butylbenzene	0.00500	0.00392	78.4	73.0-125	
sec-Butylbenzene	0.00500	0.00559	112	75.0-125	
Carbon disulfide	0.00500	0.00448	89.6	61.0-128	
Carbon tetrachloride	0.00500	0.00462	92.4	68.0-126	
Chlorobenzene	0.00500	0.00485	97.0	80.0-121	
Chlorodibromomethane	0.00500	0.00472	94.4	77.0-125	
Chloroethane	0.00500	0.00398	79.6	47.0-150	
Chloroform	0.00500	0.00485	97.0	73.0-120	
Chloromethane	0.00500	0.00560	112	41.0-142	
1,2-Dibromoethane	0.00500	0.00480	96.0	80.0-122	
1,1-Dichloroethane	0.00500	0.00516	103	70.0-126	
1,2-Dichloroethane	0.00500	0.00515	103	70.0-128	
1,1-Dichloroethene	0.00500	0.00441	88.2	71.0-124	
cis-1,2-Dichloroethene	0.00500	0.00473	94.6	73.0-120	
trans-1,2-Dichloroethene	0.00500	0.00478	95.6	73.0-120	
1,2-Dichloropropane	0.00500	0.00527	105	77.0-125	
cis-1,3-Dichloropropene	0.00500	0.00451	90.2	80.0-123	

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Laboratory Control Sample (LCS)

(LCS) R3782681-1 04/15/22 15:19

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
trans-1,3-Dichloropropene	0.00500	0.00459	91.8	78.0-124	
Ethylbenzene	0.00500	0.00474	94.8	79.0-123	
Isopropylbenzene	0.00500	0.00469	93.8	76.0-127	
p-Isopropyltoluene	0.00500	0.00445	89.0	76.0-125	
2-Butanone (MEK)	0.0250	0.0355	142	44.0-160	
2-Hexanone	0.0250	0.0279	112	67.0-149	
Methylene Chloride	0.00500	0.00465	93.0	67.0-120	
4-Methyl-2-pentanone (MIBK)	0.0250	0.0350	140	68.0-142	
Methyl tert-butyl ether	0.00500	0.00478	95.6	68.0-125	
Naphthalene	0.00500	0.00310	62.0	54.0-135	
n-Propylbenzene	0.00500	0.00564	113	77.0-124	
Styrene	0.00500	0.00408	81.6	73.0-130	
tert-Butyl alcohol	0.0250	0.0213	85.2	27.0-160	
1,1,1,2-Tetrachloroethane	0.00500	0.00492	98.4	75.0-125	
1,1,2,2-Tetrachloroethane	0.00500	0.00619	124	65.0-130	
Tetrachloroethene	0.00500	0.00478	95.6	72.0-132	
Toluene	0.00500	0.00463	92.6	79.0-120	
1,1,1-Trichloroethane	0.00500	0.00480	96.0	73.0-124	
1,1,2-Trichloroethane	0.00500	0.00504	101	80.0-120	
Trichloroethene	0.00500	0.00494	98.8	78.0-124	
1,2,4-Trimethylbenzene	0.00500	0.00582	116	76.0-121	
1,3,5-Trimethylbenzene	0.00500	0.00579	116	76.0-122	
Vinyl chloride	0.00500	0.00367	73.4	67.0-131	
o-Xylene	0.00500	0.00456	91.2	80.0-122	
m&p-Xylenes	0.0100	0.00957	95.7	80.0-122	
Xylenes, Total	0.0150	0.0141	94.0	79.0-123	
(S) Toluene-d8			*102*	*80.0-120*	
(S) 4-Bromofluorobenzene			*103*	*77.0-126*	
(S) 1,2-Dichloroethane-d4			*113*	*70.0-130*	

Released to Imaging: 10/3/2023 9:38:32 AM

Method Blank (MB)

(MB) R3782041-2 04/15/22 17:17

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Acetone	U		0.0113	0.0500
Benzene	U		0.0000941	0.00100
Bromodichloromethane	U		0.000136	0.00100
Bromoform	U		0.000129	0.00100
Bromomethane	U		0.000605	0.00500
n-Butylbenzene	U		0.000157	0.00100
sec-Butylbenzene	U		0.000125	0.00100
Carbon disulfide	U		0.0000962	0.00100
Carbon tetrachloride	U		0.000128	0.00100
Chlorobenzene	U		0.000116	0.00100
Chlorodibromomethane	U		0.000140	0.00100
Chloroethane	U		0.000192	0.00500
Chloroform	U		0.000111	0.00500
Chloromethane	U		0.000960	0.00250
1,2-Dibromoethane	U		0.000126	0.00100
1,1-Dichloroethane	U		0.000100	0.00100
1,2-Dichloroethane	U		0.0000819	0.00100
1,1-Dichloroethene	U		0.000188	0.00100
cis-1,2-Dichloroethene	U		0.000126	0.00100
trans-1,2-Dichloroethene	U		0.000149	0.00100
1,2-Dichloropropane	U		0.000149	0.00100
cis-1,3-Dichloropropene	U		0.000111	0.00100
trans-1,3-Dichloropropene	U		0.000118	0.00100
Ethylbenzene	U		0.000137	0.00100
Isopropylbenzene	U		0.000105	0.00100
p-Isopropyltoluene	U		0.000120	0.00100
2-Butanone (MEK)	U		0.00119	0.0100
2-Hexanone	U		0.000787	0.0100
Methylene Chloride	0.000592	J	0.000430	0.00500
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100
Methyl tert-butyl ether	U		0.000101	0.00100
Naphthalene	U		0.00100	0.00500
n-Propylbenzene	U		0.0000993	0.00100
Styrene	U		0.000118	0.00100
tert-Butyl alcohol	U		0.00406	0.00500
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100
Tetrachloroethene	U		0.000300	0.00100
Toluene	U		0.000278	0.00100
1,1,1-Trichloroethane	U		0.000149	0.00100

Method Blank (MB)

(MB) R3782041-2 04/15/22 17:17

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
1,1,2-Trichloroethane	U		0.000158	0.00100
Trichloroethene	U		0.000190	0.00100
1,2,4-Trimethylbenzene	U		0.000322	0.00100
1,3,5-Trimethylbenzene	U		0.000104	0.00100
Vinyl chloride	U		0.000234	0.00100
o-Xylene	U		0.000174	0.00100
m&p-Xylenes	U		0.000430	0.00200
Xylenes, Total	U		0.000174	0.00300
(S) Toluene-d8	*101*			*80.0-120*
(S) 4-Bromofluorobenzene	*104*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*103*			*70.0-130*

Laboratory Control Sample (LCS)

(LCS) R3782041-1 04/15/22 16:13

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Acetone	0.0250	0.0236	94.4	19.0-160	
Benzene	0.00500	0.00542	108	70.0-123	
Bromodichloromethane	0.00500	0.00538	108	75.0-120	
Bromoform	0.00500	0.00480	96.0	68.0-132	
Bromomethane	0.00500	0.00449	89.8	10.0-160	
n-Butylbenzene	0.00500	0.00394	78.8	73.0-125	
sec-Butylbenzene	0.00500	0.00457	91.4	75.0-125	
Carbon disulfide	0.00500	0.00551	110	61.0-128	
Carbon tetrachloride	0.00500	0.00591	118	68.0-126	
Chlorobenzene	0.00500	0.00486	97.2	80.0-121	
Chlorodibromomethane	0.00500	0.00488	97.6	77.0-125	
Chloroethane	0.00500	0.00589	118	47.0-150	
Chloroform	0.00500	0.00524	105	73.0-120	
Chloromethane	0.00500	0.00614	123	41.0-142	
1,2-Dibromoethane	0.00500	0.00496	99.2	80.0-122	
1,1-Dichloroethane	0.00500	0.00531	106	70.0-126	
1,2-Dichloroethane	0.00500	0.00504	101	70.0-128	
1,1-Dichloroethene	0.00500	0.00478	95.6	71.0-124	
cis-1,2-Dichloroethene	0.00500	0.00530	106	73.0-120	
trans-1,2-Dichloroethene	0.00500	0.00510	102	73.0-120	
1,2-Dichloropropane	0.00500	0.00509	102	77.0-125	
cis-1,3-Dichloropropene	0.00500	0.00530	106	80.0-123	

Laboratory Control Sample (LCS)

(LCS) R3782041-1 04/15/22 16:13

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
trans-1,3-Dichloropropene	0.00500	0.00424	84.8	78.0-124	
Ethylbenzene	0.00500	0.00457	91.4	79.0-123	
Isopropylbenzene	0.00500	0.00471	94.2	76.0-127	
p-Isopropyltoluene	0.00500	0.00456	91.2	76.0-125	
2-Butanone (MEK)	0.0250	0.0231	92.4	44.0-160	
2-Hexanone	0.0250	0.0230	92.0	67.0-149	
Methylene Chloride	0.00500	0.00527	105	67.0-120	
4-Methyl-2-pentanone (MIBK)	0.0250	0.0253	101	68.0-142	
Methyl tert-butyl ether	0.00500	0.00514	103	68.0-125	
Naphthalene	0.00500	0.00257	51.4	54.0-135	J4
n-Propylbenzene	0.00500	0.00437	87.4	77.0-124	
Styrene	0.00500	0.00427	85.4	73.0-130	
tert-Butyl alcohol	0.0250	0.0254	102	27.0-160	
1,1,1,2-Tetrachloroethane	0.00500	0.00496	99.2	75.0-125	
1,1,2,2-Tetrachloroethane	0.00500	0.00449	89.8	65.0-130	
Tetrachloroethene	0.00500	0.00504	101	72.0-132	
Toluene	0.00500	0.00523	105	79.0-120	
1,1,1-Trichloroethane	0.00500	0.00594	119	73.0-124	
1,1,2-Trichloroethane	0.00500	0.00446	89.2	80.0-120	
Trichloroethene	0.00500	0.00576	115	78.0-124	
1,2,4-Trimethylbenzene	0.00500	0.00415	83.0	76.0-121	
1,3,5-Trimethylbenzene	0.00500	0.00435	87.0	76.0-122	
Vinyl chloride	0.00500	0.00448	89.6	67.0-131	
o-Xylene	0.00500	0.00448	89.6	80.0-122	
m&p-Xylenes	0.0100	0.00910	91.0	80.0-122	
Xylenes, Total	0.0150	0.0136	90.7	79.0-123	
(S) Toluene-d8			*96.9*	*80.0-120*	
(S) 4-Bromofluorobenzene			*104*	*77.0-126*	
(S) 1,2-Dichloroethane-d4			*100*	*70.0-130*	

L1481024-09 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1481024-09 04/15/22 19:52 • (MS) R3782041-3 04/16/22 01:55 • (MSD) R3782041-4 04/16/22 02:16

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Acetone	0.0250	U	0.0193	0.0158	77.2	63.2	1	10.0-160			19.9	35
Benzene	0.00500	U	0.00560	0.00438	112	87.6	1	17.0-158			24.4	27
Bromodichloromethane	0.00500	U	0.00527	0.00410	105	82.0	1	31.0-150			25.0	27
Bromoform	0.00500	U	0.00442	0.00345	88.4	69.0	1	29.0-150			24.7	29

L1481024-09 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1481024-09 04/15/22 19:52 • (MS) R3782041-3 04/16/22 01:55 • (MSD) R3782041-4 04/16/22 02:16

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Bromomethane	0.00500	U	0.00485	0.00373	97.0	74.6	1	10.0-160			26.1	38
n-Butylbenzene	0.00500	U	0.00291	0.00270	58.2	54.0	1	31.0-150			7.49	30
sec-Butylbenzene	0.00500	U	0.00412	0.00347	82.4	69.4	1	33.0-155			17.1	29
Carbon disulfide	0.00500	U	0.00506	0.00428	101	85.6	1	10.0-156			16.7	28
Carbon tetrachloride	0.00500	U	0.00546	0.00462	109	92.4	1	23.0-159			16.7	28
Chlorobenzene	0.00500	U	0.00471	0.00376	94.2	75.2	1	33.0-152			22.4	27
Chlorodibromomethane	0.00500	U	0.00477	0.00366	95.4	73.2	1	37.0-149			26.3	27
Chloroethane	0.00500	U	0.00497	0.00439	99.4	87.8	1	10.0-160			12.4	30
Chloroform	0.00500	U	0.00518	0.00414	104	82.8	1	29.0-154			22.3	28
Chloromethane	0.00500	U	0.00584	0.00461	117	92.2	1	10.0-160			23.5	29
1,2-Dibromoethane	0.00500	U	0.00463	0.00358	92.6	71.6	1	34.0-147			25.6	27
1,1-Dichloroethane	0.00500	0.00245	0.00791	0.00635	109	78.0	1	25.0-158			21.9	27
1,2-Dichloroethane	0.00500	U	0.00484	0.00358	96.8	71.6	1	29.0-151		J3	29.9	27
1,1-Dichloroethene	0.00500	0.000511	0.00532	0.00472	96.2	84.2	1	11.0-160			12.0	29
cis-1,2-Dichloroethene	0.00500	0.00174	0.00728	0.00615	111	88.2	1	10.0-160			16.8	27
trans-1,2-Dichloroethene	0.00500	U	0.00542	0.00423	108	84.6	1	17.0-153			24.7	27
1,2-Dichloropropane	0.00500	U	0.00497	0.00385	99.4	77.0	1	30.0-156			25.4	27
cis-1,3-Dichloropropene	0.00500	U	0.00478	0.00365	95.6	73.0	1	34.0-149			26.8	28
trans-1,3-Dichloropropene	0.00500	U	0.00421	0.00300	84.2	60.0	1	32.0-149		J3	33.6	28
Ethylbenzene	0.00500	U	0.00440	0.00343	88.0	68.6	1	30.0-155			24.8	27
Isopropylbenzene	0.00500	U	0.00443	0.00354	88.6	70.8	1	28.0-157			22.3	27
p-Isopropyltoluene	0.00500	U	0.00364	0.00330	72.8	66.0	1	30.0-154			9.80	29
2-Butanone (MEK)	0.0250	U	0.0205	0.0163	82.0	65.2	1	10.0-160			22.8	32
2-Hexanone	0.0250	U	0.0212	0.0163	84.8	65.2	1	21.0-160			26.1	29
Methylene Chloride	0.00500	U	0.00532	0.00434	106	86.8	1	23.0-144			20.3	28
4-Methyl-2-pentanone (MIBK)	0.0250	U	0.0234	0.0175	93.6	70.0	1	29.0-160			28.9	29
Methyl tert-butyl ether	0.00500	U	0.00542	0.00387	108	77.4	1	28.0-150		J3	33.4	29
Naphthalene	0.00500	U	0.00230	0.00191	46.0	38.2	1	12.0-156			18.5	35
n-Propylbenzene	0.00500	U	0.00379	0.00325	75.8	65.0	1	31.0-154			15.3	28
Styrene	0.00500	U	0.00417	0.00322	83.4	64.4	1	33.0-155			25.7	28
tert-Butyl alcohol	0.0250	U	0.0204	0.0157	81.6	62.8	1	50.0-150		J3	26.0	20
1,1,1,2-Tetrachloroethane	0.00500	U	0.00501	0.00382	100	76.4	1	36.0-151			27.0	29
1,1,2,2-Tetrachloroethane	0.00500	U	0.00468	0.00361	93.6	72.2	1	33.0-150			25.8	28
Tetrachloroethene	0.00500	U	0.00421	0.00365	84.2	73.0	1	10.0-160			14.2	27
Toluene	0.00500	U	0.00535	0.00407	107	81.4	1	26.0-154			27.2	28
1,1,1-Trichloroethane	0.00500	U	0.00587	0.00482	117	96.4	1	23.0-160			19.6	28
1,1,2-Trichloroethane	0.00500	U	0.00483	0.00337	96.6	67.4	1	35.0-147		J3	35.6	27
Trichloroethene	0.00500	U	0.00533	0.00430	107	86.0	1	10.0-160			21.4	25
1,2,4-Trimethylbenzene	0.00500	U	0.00381	0.00320	76.2	64.0	1	26.0-154			17.4	27
1,3,5-Trimethylbenzene	0.00500	U	0.00404	0.00325	80.8	65.0	1	28.0-153			21.7	27

L1481024-09 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1481024-09 04/15/22 19:52 • (MS) R3782041-3 04/16/22 01:55 • (MSD) R3782041-4 04/16/22 02:16

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Vinyl chloride	0.00500	0.00107	0.00587	0.00488	96.0	76.2	1	10.0-160			18.4	27
o-Xylene	0.00500	U	0.00439	0.00337	87.8	67.4	1	45.0-144		J3	26.3	26
m&p-Xylenes	0.0100	U	0.00876	0.00697	87.6	69.7	1	43.0-146			22.8	26
Xylenes, Total	0.0150	U	0.0132	0.0103	88.0	68.7	1	29.0-154			24.7	28
(S) Toluene-d8					*98.2*	*98.3*		*80.0-120*				
(S) 4-Bromofluorobenzene					*104*	*103*		*77.0-126*				
(S) 1,2-Dichloroethane-d4					*98.9*	*97.8*		*70.0-130*				

Method Blank (MB)

(MB) R3782689-3 04/16/22 02:22

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Acetone	U		0.0113	0.0500
Benzene	U		0.0000941	0.00100
Bromodichloromethane	U		0.000136	0.00100
Bromoform	U		0.000129	0.00100
Bromomethane	U		0.000605	0.00500
n-Butylbenzene	U		0.000157	0.00100
sec-Butylbenzene	U		0.000125	0.00100
Carbon disulfide	U		0.0000962	0.00100
Carbon tetrachloride	U		0.000128	0.00100
Chlorobenzene	U		0.000116	0.00100
Chlorodibromomethane	U		0.000140	0.00100
Chloroethane	U		0.000192	0.00500
Chloroform	U		0.000111	0.00500
Chloromethane	U		0.000960	0.00250
1,2-Dibromoethane	U		0.000126	0.00100
1,1-Dichloroethane	U		0.000100	0.00100
1,2-Dichloroethane	U		0.0000819	0.00100
1,1-Dichloroethene	U		0.000188	0.00100
cis-1,2-Dichloroethene	U		0.000126	0.00100
trans-1,2-Dichloroethene	U		0.000149	0.00100
1,2-Dichloropropane	U		0.000149	0.00100
cis-1,3-Dichloropropene	U		0.000111	0.00100
trans-1,3-Dichloropropene	U		0.000118	0.00100
Ethylbenzene	U		0.000137	0.00100
Isopropylbenzene	U		0.000105	0.00100
p-Isopropyltoluene	U		0.000120	0.00100
2-Butanone (MEK)	U		0.00119	0.0100
2-Hexanone	U		0.000787	0.0100
Methylene Chloride	0.000842	J	0.000430	0.00500
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100
Methyl tert-butyl ether	U		0.000101	0.00100
Naphthalene	U		0.00100	0.00500
n-Propylbenzene	U		0.0000993	0.00100
Styrene	U		0.000118	0.00100
tert-Butyl alcohol	U		0.00406	0.00500
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100
Tetrachloroethene	U		0.000300	0.00100
Toluene	U		0.000278	0.00100
1,1,1-Trichloroethane	U		0.000149	0.00100

Method Blank (MB)

(MB) R3782689-3 04/16/22 02:22

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
1,1,2-Trichloroethane	U		0.000158	0.00100
Trichloroethene	U		0.000190	0.00100
1,2,4-Trimethylbenzene	U		0.000322	0.00100
1,3,5-Trimethylbenzene	U		0.000104	0.00100
Vinyl chloride	U		0.000234	0.00100
o-Xylene	U		0.000174	0.00100
m&p-Xylenes	U		0.000430	0.00200
Xylenes, Total	U		0.000174	0.00300
(S) Toluene-d8	*105*			*80.0-120*
(S) 4-Bromofluorobenzene	*105*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*115*			*70.0-130*

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

(LCS) R3782689-1 04/16/22 01:05 • (LCSD) R3782689-2 04/16/22 01:24

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	0.0250	0.0346	0.0317	138	127	19.0-160			8.75	27
Benzene	0.00500	0.00504	0.00512	101	102	70.0-123			1.57	20
Bromodichloromethane	0.00500	0.00521	0.00532	104	106	75.0-120			2.09	20
Bromoform	0.00500	0.00546	0.00545	109	109	68.0-132			0.183	20
Bromomethane	0.00500	0.00492	0.00495	98.4	99.0	10.0-160			0.608	25
n-Butylbenzene	0.00500	0.00573	0.00529	115	106	73.0-125			7.99	20
sec-Butylbenzene	0.00500	0.00584	0.00540	117	108	75.0-125			7.83	20
Carbon disulfide	0.00500	0.00549	0.00542	110	108	61.0-128			1.28	20
Carbon tetrachloride	0.00500	0.00560	0.00561	112	112	68.0-126			0.178	20
Chlorobenzene	0.00500	0.00519	0.00523	104	105	80.0-121			0.768	20
Chlorodibromomethane	0.00500	0.00535	0.00525	107	105	77.0-125			1.89	20
Chloroethane	0.00500	0.00467	0.00480	93.4	96.0	47.0-150			2.75	20
Chloroform	0.00500	0.00525	0.00519	105	104	73.0-120			1.15	20
Chloromethane	0.00500	0.00414	0.00426	82.8	85.2	41.0-142			2.86	20
1,2-Dibromoethane	0.00500	0.00558	0.00544	112	109	80.0-122			2.54	20
1,1-Dichloroethane	0.00500	0.00488	0.00502	97.6	100	70.0-126			2.83	20
1,2-Dichloroethane	0.00500	0.00537	0.00525	107	105	70.0-128			2.26	20
1,1-Dichloroethene	0.00500	0.00539	0.00513	108	103	71.0-124			4.94	20
cis-1,2-Dichloroethene	0.00500	0.00499	0.00513	99.8	103	73.0-120			2.77	20
trans-1,2-Dichloroethene	0.00500	0.00498	0.00509	99.6	102	73.0-120			2.18	20
1,2-Dichloropropane	0.00500	0.00500	0.00504	100	101	77.0-125			0.797	20
cis-1,3-Dichloropropene	0.00500	0.00503	0.00513	101	103	80.0-123			1.97	20

Received by OCD: 6/14/2023 2:07:46 PM

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

(LCS) R3782689-1 04/16/22 01:05 • (LCSD) R3782689-2 04/16/22 01:24

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
trans-1,3-Dichloropropene	0.00500	0.00510	0.00497	102	99.4	78.0-124			2.58	20
Ethylbenzene	0.00500	0.00525	0.00526	105	105	79.0-123			0.190	20
Isopropylbenzene	0.00500	0.00535	0.00528	107	106	76.0-127			1.32	20
p-Isopropyltoluene	0.00500	0.00560	0.00518	112	104	76.0-125			7.79	20
2-Butanone (MEK)	0.0250	0.0322	0.0313	129	125	44.0-160			2.83	20
2-Hexanone	0.0250	0.0289	0.0283	116	113	67.0-149			2.10	20
Methylene Chloride	0.00500	0.00569	0.00542	114	108	67.0-120			4.86	20
4-Methyl-2-pentanone (MIBK)	0.0250	0.0298	0.0283	119	113	68.0-142			5.16	20
Methyl tert-butyl ether	0.00500	0.00589	0.00575	118	115	68.0-125			2.41	20
Naphthalene	0.00500	0.00507	0.00464	101	92.8	54.0-135			8.86	20
n-Propylbenzene	0.00500	0.00507	0.00472	101	94.4	77.0-124			7.15	20
Styrene	0.00500	0.00494	0.00492	98.8	98.4	73.0-130			0.406	20
tert-Butyl alcohol	0.0250	0.0260	0.0245	104	98.0	27.0-160			5.94	30
1,1,1,2-Tetrachloroethane	0.00500	0.00550	0.00523	110	105	75.0-125			5.03	20
1,1,2,2-Tetrachloroethane	0.00500	0.00537	0.00475	107	95.0	65.0-130			12.3	20
Tetrachloroethene	0.00500	0.00549	0.00523	110	105	72.0-132			4.85	20
Toluene	0.00500	0.00519	0.00518	104	104	79.0-120			0.193	20
1,1,1-Trichloroethane	0.00500	0.00553	0.00546	111	109	73.0-124			1.27	20
1,1,2-Trichloroethane	0.00500	0.00529	0.00516	106	103	80.0-120			2.49	20
Trichloroethene	0.00500	0.00534	0.00536	107	107	78.0-124			0.374	20
1,2,4-Trimethylbenzene	0.00500	0.00570	0.00524	114	105	76.0-121			8.41	20
1,3,5-Trimethylbenzene	0.00500	0.00525	0.00490	105	98.0	76.0-122			6.90	20
Vinyl chloride	0.00500	0.00490	0.00495	98.0	99.0	67.0-131			1.02	20
o-Xylene	0.00500	0.00532	0.00523	106	105	80.0-122			1.71	20
m&p-Xylenes	0.0100	0.0108	0.0106	108	106	80.0-122			1.87	20
Xylenes, Total	0.0150	0.0161	0.0158	107	105	79.0-123			1.88	20
(S) Toluene-d8				*103*	*102*	*80.0-120*				
(S) 4-Bromofluorobenzene				*102*	*103*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*112*	*110*	*70.0-130*				

Released to Imaging: 10/3/2023 9:38:32 AM

Method Blank (MB)

(MB) R3782887-2 04/16/22 07:17

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Acetone	U		0.0113	0.0500
Benzene	U		0.0000941	0.00100
Bromodichloromethane	U		0.000136	0.00100
Bromoform	U		0.000129	0.00100
Bromomethane	U		0.000605	0.00500
n-Butylbenzene	U		0.000157	0.00100
sec-Butylbenzene	U		0.000125	0.00100
Carbon disulfide	U		0.0000962	0.00100
Carbon tetrachloride	U		0.000128	0.00100
Chlorobenzene	U		0.000116	0.00100
Chlorodibromomethane	U		0.000140	0.00100
Chloroethane	U		0.000192	0.00500
Chloroform	U		0.000111	0.00500
Chloromethane	U		0.000960	0.00250
1,2-Dibromoethane	U		0.000126	0.00100
1,1-Dichloroethane	U		0.000100	0.00100
1,2-Dichloroethane	U		0.0000819	0.00100
1,1-Dichloroethene	U		0.000188	0.00100
cis-1,2-Dichloroethene	U		0.000126	0.00100
trans-1,2-Dichloroethene	U		0.000149	0.00100
1,2-Dichloropropane	U		0.000149	0.00100
cis-1,3-Dichloropropene	U		0.000111	0.00100
trans-1,3-Dichloropropene	U		0.000118	0.00100
Ethylbenzene	U		0.000137	0.00100
Isopropylbenzene	U		0.000105	0.00100
p-Isopropyltoluene	U		0.000120	0.00100
2-Butanone (MEK)	U		0.00119	0.0100
2-Hexanone	U		0.000787	0.0100
Methylene Chloride	0.000930	J	0.000430	0.00500
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100
Methyl tert-butyl ether	U		0.000101	0.00100
Naphthalene	U		0.00100	0.00500
n-Propylbenzene	U		0.0000993	0.00100
Styrene	U		0.000118	0.00100
tert-Butyl alcohol	U		0.00406	0.00500
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100
Tetrachloroethene	U		0.000300	0.00100
Toluene	U		0.000278	0.00100
1,1,1-Trichloroethane	U		0.000149	0.00100

Method Blank (MB)

(MB) R3782887-2 04/16/22 07:17

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
1,1,2-Trichloroethane	U		0.000158	0.00100
Trichloroethene	U		0.000190	0.00100
1,2,4-Trimethylbenzene	U		0.000322	0.00100
1,3,5-Trimethylbenzene	U		0.000104	0.00100
Vinyl chloride	U		0.000234	0.00100
o-Xylene	U		0.000174	0.00100
m&p-Xylenes	U		0.000430	0.00200
Xylenes, Total	U		0.000174	0.00300
(S) Toluene-d8	*107*			*80.0-120*
(S) 4-Bromofluorobenzene	*99.7*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*106*			*70.0-130*

Laboratory Control Sample (LCS)

(LCS) R3782887-1 04/16/22 06:36

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Acetone	0.0250	0.0324	130	19.0-160	
Benzene	0.00500	0.00543	109	70.0-123	
Bromodichloromethane	0.00500	0.00508	102	75.0-120	
Bromoform	0.00500	0.00431	86.2	68.0-132	
Bromomethane	0.00500	0.00597	119	10.0-160	
n-Butylbenzene	0.00500	0.00489	97.8	73.0-125	
sec-Butylbenzene	0.00500	0.00473	94.6	75.0-125	
Carbon disulfide	0.00500	0.00478	95.6	61.0-128	
Carbon tetrachloride	0.00500	0.00434	86.8	68.0-126	
Chlorobenzene	0.00500	0.00500	100	80.0-121	
Chlorodibromomethane	0.00500	0.00415	83.0	77.0-125	
Chloroethane	0.00500	0.00619	124	47.0-150	
Chloroform	0.00500	0.00520	104	73.0-120	
Chloromethane	0.00500	0.00584	117	41.0-142	
1,2-Dibromoethane	0.00500	0.00484	96.8	80.0-122	
1,1-Dichloroethane	0.00500	0.00539	108	70.0-126	
1,2-Dichloroethane	0.00500	0.00578	116	70.0-128	
1,1-Dichloroethene	0.00500	0.00457	91.4	71.0-124	
cis-1,2-Dichloroethene	0.00500	0.00480	96.0	73.0-120	
trans-1,2-Dichloroethene	0.00500	0.00499	99.8	73.0-120	
1,2-Dichloropropane	0.00500	0.00529	106	77.0-125	
cis-1,3-Dichloropropene	0.00500	0.00472	94.4	80.0-123	

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Laboratory Control Sample (LCS)

(LCS) R3782887-1 04/16/22 06:36

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
trans-1,3-Dichloropropene	0.00500	0.00496	99.2	78.0-124	
Ethylbenzene	0.00500	0.00505	101	79.0-123	
Isopropylbenzene	0.00500	0.00445	89.0	76.0-127	
p-Isopropyltoluene	0.00500	0.00487	97.4	76.0-125	
2-Butanone (MEK)	0.0250	0.0295	118	44.0-160	
2-Hexanone	0.0250	0.0270	108	67.0-149	
Methylene Chloride	0.00500	0.00548	110	67.0-120	
4-Methyl-2-pentanone (MIBK)	0.0250	0.0303	121	68.0-142	
Methyl tert-butyl ether	0.00500	0.00516	103	68.0-125	
Naphthalene	0.00500	0.00462	92.4	54.0-135	
n-Propylbenzene	0.00500	0.00456	91.2	77.0-124	
Styrene	0.00500	0.00435	87.0	73.0-130	
tert-Butyl alcohol	0.0250	0.0293	117	27.0-160	
1,1,1,2-Tetrachloroethane	0.00500	0.00523	105	75.0-125	
1,1,2,2-Tetrachloroethane	0.00500	0.00558	112	65.0-130	
Tetrachloroethene	0.00500	0.00475	95.0	72.0-132	
Toluene	0.00500	0.00502	100	79.0-120	
1,1,1-Trichloroethane	0.00500	0.00482	96.4	73.0-124	
1,1,2-Trichloroethane	0.00500	0.00509	102	80.0-120	
Trichloroethene	0.00500	0.00440	88.0	78.0-124	
1,2,4-Trimethylbenzene	0.00500	0.00507	101	76.0-121	
1,3,5-Trimethylbenzene	0.00500	0.00492	98.4	76.0-122	
Vinyl chloride	0.00500	0.00570	114	67.0-131	
o-Xylene	0.00500	0.00473	94.6	80.0-122	
m&p-Xylenes	0.0100	0.00970	97.0	80.0-122	
Xylenes, Total	0.0150	0.0144	96.0	79.0-123	
(S) Toluene-d8			*105*	*80.0-120*	
(S) 4-Bromofluorobenzene			*99.7*	*77.0-126*	
(S) 1,2-Dichloroethane-d4			*103*	*70.0-130*	

Released to Imaging: 10/3/2023 9:38:32 AM

Method Blank (MB)

(MB) R3782515-3 04/16/22 14:23

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Acetone	U		0.0113	0.0500
Benzene	U		0.0000941	0.00100
Bromodichloromethane	U		0.000136	0.00100
Bromoform	U		0.000129	0.00100
Bromomethane	U		0.000605	0.00500
n-Butylbenzene	U		0.000157	0.00100
sec-Butylbenzene	U		0.000125	0.00100
Carbon disulfide	U		0.0000962	0.00100
Carbon tetrachloride	U		0.000128	0.00100
Chlorobenzene	U		0.000116	0.00100
Chlorodibromomethane	U		0.000140	0.00100
Chloroethane	U		0.000192	0.00500
Chloroform	U		0.000111	0.00500
Chloromethane	U		0.000960	0.00250
1,2-Dibromoethane	U		0.000126	0.00100
1,1-Dichloroethane	U		0.000100	0.00100
1,2-Dichloroethane	U		0.0000819	0.00100
1,1-Dichloroethene	U		0.000188	0.00100
cis-1,2-Dichloroethene	U		0.000126	0.00100
trans-1,2-Dichloroethene	U		0.000149	0.00100
1,2-Dichloropropane	U		0.000149	0.00100
cis-1,3-Dichloropropene	U		0.000111	0.00100
trans-1,3-Dichloropropene	U		0.000118	0.00100
Ethylbenzene	U		0.000137	0.00100
Isopropylbenzene	U		0.000105	0.00100
p-Isopropyltoluene	U		0.000120	0.00100
2-Butanone (MEK)	U		0.00119	0.0100
2-Hexanone	U		0.000787	0.0100
Methylene Chloride	0.000971	J	0.000430	0.00500
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100
Methyl tert-butyl ether	U		0.000101	0.00100
Naphthalene	U		0.00100	0.00500
n-Propylbenzene	U		0.0000993	0.00100
Styrene	U		0.000118	0.00100
tert-Butyl alcohol	U		0.00406	0.00500
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100
Tetrachloroethene	U		0.000300	0.00100
Toluene	U		0.000278	0.00100
1,1,1-Trichloroethane	U		0.000149	0.00100

Method Blank (MB)

(MB) R3782515-3 04/16/22 14:23

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
1,1,2-Trichloroethane	U		0.000158	0.00100
Trichloroethene	U		0.000190	0.00100
1,2,4-Trimethylbenzene	U		0.000322	0.00100
1,3,5-Trimethylbenzene	U		0.000104	0.00100
Vinyl chloride	U		0.000234	0.00100
o-Xylene	U		0.000174	0.00100
m&p-Xylenes	U		0.000430	0.00200
Xylenes, Total	U		0.000174	0.00300
(S) Toluene-d8	*101*			*80.0-120*
(S) 4-Bromofluorobenzene	*100*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*98.5*			*70.0-130*

Laboratory Control Sample (LCS)

(LCS) R3782515-1 04/16/22 13:19

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Acetone	0.0250	0.0236	94.4	19.0-160	
Benzene	0.00500	0.00576	115	70.0-123	
Bromodichloromethane	0.00500	0.00565	113	75.0-120	
Bromoform	0.00500	0.00490	98.0	68.0-132	
Bromomethane	0.00500	0.00576	115	10.0-160	
n-Butylbenzene	0.00500	0.00395	79.0	73.0-125	
sec-Butylbenzene	0.00500	0.00456	91.2	75.0-125	
Carbon disulfide	0.00500	0.00570	114	61.0-128	
Carbon tetrachloride	0.00500	0.00614	123	68.0-126	
Chlorobenzene	0.00500	0.00508	102	80.0-121	
Chlorodibromomethane	0.00500	0.00537	107	77.0-125	
Chloroethane	0.00500	0.00572	114	47.0-150	
Chloroform	0.00500	0.00562	112	73.0-120	
Chloromethane	0.00500	0.00633	127	41.0-142	
1,2-Dibromoethane	0.00500	0.00504	101	80.0-122	
1,1-Dichloroethane	0.00500	0.00510	102	70.0-126	
1,2-Dichloroethane	0.00500	0.00523	105	70.0-128	
1,1-Dichloroethene	0.00500	0.00543	109	71.0-124	
cis-1,2-Dichloroethene	0.00500	0.00543	109	73.0-120	
trans-1,2-Dichloroethene	0.00500	0.00552	110	73.0-120	
1,2-Dichloropropane	0.00500	0.00543	109	77.0-125	
cis-1,3-Dichloropropene	0.00500	0.00559	112	80.0-123	

Laboratory Control Sample (LCS)

(LCS) R3782515-1 04/16/22 13:19

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
trans-1,3-Dichloropropene	0.00500	0.00435	87.0	78.0-124	
Ethylbenzene	0.00500	0.00483	96.6	79.0-123	
Isopropylbenzene	0.00500	0.00481	96.2	76.0-127	
p-Isopropyltoluene	0.00500	0.00429	85.8	76.0-125	
2-Butanone (MEK)	0.0250	0.0259	104	44.0-160	
2-Hexanone	0.0250	0.0230	92.0	67.0-149	
Methylene Chloride	0.00500	0.00560	112	67.0-120	
4-Methyl-2-pentanone (MIBK)	0.0250	0.0256	102	68.0-142	
Methyl tert-butyl ether	0.00500	0.00531	106	68.0-125	
Naphthalene	0.00500	0.00304	60.8	54.0-135	
n-Propylbenzene	0.00500	0.00425	85.0	77.0-124	
Styrene	0.00500	0.00471	94.2	73.0-130	
tert-Butyl alcohol	0.0250	0.0205	82.0	27.0-160	
1,1,1,2-Tetrachloroethane	0.00500	0.00553	111	75.0-125	
1,1,2,2-Tetrachloroethane	0.00500	0.00413	82.6	65.0-130	
Tetrachloroethene	0.00500	0.00537	107	72.0-132	
Toluene	0.00500	0.00535	107	79.0-120	
1,1,1-Trichloroethane	0.00500	0.00652	130	73.0-124	J4
1,1,2-Trichloroethane	0.00500	0.00475	95.0	80.0-120	
Trichloroethene	0.00500	0.00685	137	78.0-124	J4
1,2,4-Trimethylbenzene	0.00500	0.00431	86.2	76.0-121	
1,3,5-Trimethylbenzene	0.00500	0.00434	86.8	76.0-122	
Vinyl chloride	0.00500	0.00462	92.4	67.0-131	
o-Xylene	0.00500	0.00456	91.2	80.0-122	
m&p-Xylenes	0.0100	0.00998	99.8	80.0-122	
Xylenes, Total	0.0150	0.0145	96.7	79.0-123	
(S) Toluene-d8			*97.3*	*80.0-120*	
(S) 4-Bromofluorobenzene			*103*	*77.0-126*	
(S) 1,2-Dichloroethane-d4			*103*	*70.0-130*	

Method Blank (MB)

(MB) R3782579-3 04/18/22 21:07

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Acetone	U		0.0113	0.0500
Benzene	U		0.0000941	0.00100
Bromodichloromethane	U		0.000136	0.00100
Bromoform	U		0.000129	0.00100
Bromomethane	U		0.000605	0.00500
n-Butylbenzene	0.000434	J	0.000157	0.00100
sec-Butylbenzene	U		0.000125	0.00100
Carbon disulfide	0.000431	J	0.0000962	0.00100
Carbon tetrachloride	U		0.000128	0.00100
Chlorobenzene	U		0.000116	0.00100
Chlorodibromomethane	U		0.000140	0.00100
Chloroethane	U		0.000192	0.00500
Chloroform	U		0.000111	0.00500
Chloromethane	U		0.000960	0.00250
1,2-Dibromoethane	U		0.000126	0.00100
1,1-Dichloroethane	U		0.000100	0.00100
1,2-Dichloroethane	U		0.0000819	0.00100
1,1-Dichloroethene	U		0.000188	0.00100
cis-1,2-Dichloroethene	U		0.000126	0.00100
trans-1,2-Dichloroethene	U		0.000149	0.00100
1,2-Dichloropropane	U		0.000149	0.00100
cis-1,3-Dichloropropene	U		0.000111	0.00100
trans-1,3-Dichloropropene	U		0.000118	0.00100
Ethylbenzene	U		0.000137	0.00100
Isopropylbenzene	U		0.000105	0.00100
p-Isopropyltoluene	0.000345	J	0.000120	0.00100
2-Butanone (MEK)	U		0.00119	0.0100
2-Hexanone	U		0.000787	0.0100
Methylene Chloride	U		0.000430	0.00500
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100
Methyl tert-butyl ether	U		0.000101	0.00100
Naphthalene	U		0.00100	0.00500
n-Propylbenzene	U		0.0000993	0.00100
Styrene	U		0.000118	0.00100
tert-Butyl alcohol	U		0.00406	0.00500
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100
Tetrachloroethene	U		0.000300	0.00100
Toluene	U		0.000278	0.00100
1,1,1-Trichloroethane	U		0.000149	0.00100

Method Blank (MB)

(MB) R3782579-3 04/18/22 21:07

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
1,1,2-Trichloroethane	U		0.000158	0.00100
Trichloroethene	U		0.000190	0.00100
1,2,4-Trimethylbenzene	U		0.000322	0.00100
1,3,5-Trimethylbenzene	U		0.000104	0.00100
Vinyl chloride	U		0.000234	0.00100
o-Xylene	U		0.000174	0.00100
m&p-Xylenes	U		0.000430	0.00200
Xylenes, Total	U		0.000174	0.00300
(S) Toluene-d8	*108*			*80.0-120*
(S) 4-Bromofluorobenzene	*97.6*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*90.8*			*70.0-130*

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

(LCS) R3782579-1 04/18/22 20:05 • (LCSD) R3782579-2 04/18/22 20:26

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	0.0250	0.0329	0.0315	132	126	19.0-160			4.35	27
Benzene	0.00500	0.00513	0.00504	103	101	70.0-123			1.77	20
Bromodichloromethane	0.00500	0.00468	0.00472	93.6	94.4	75.0-120			0.851	20
Bromoform	0.00500	0.00435	0.00448	87.0	89.6	68.0-132			2.94	20
Bromomethane	0.00500	0.00475	0.00434	95.0	86.8	10.0-160			9.02	25
n-Butylbenzene	0.00500	0.00439	0.00449	87.8	89.8	73.0-125			2.25	20
sec-Butylbenzene	0.00500	0.00443	0.00435	88.6	87.0	75.0-125			1.82	20
Carbon disulfide	0.00500	0.00453	0.00478	90.6	95.6	61.0-128			5.37	20
Carbon tetrachloride	0.00500	0.00415	0.00407	83.0	81.4	68.0-126			1.95	20
Chlorobenzene	0.00500	0.00514	0.00525	103	105	80.0-121			2.12	20
Chlorodibromomethane	0.00500	0.00460	0.00444	92.0	88.8	77.0-125			3.54	20
Chloroethane	0.00500	0.00524	0.00546	105	109	47.0-150			4.11	20
Chloroform	0.00500	0.00493	0.00483	98.6	96.6	73.0-120			2.05	20
Chloromethane	0.00500	0.00542	0.00553	108	111	41.0-142			2.01	20
1,2-Dibromoethane	0.00500	0.00483	0.00510	96.6	102	80.0-122			5.44	20
1,1-Dichloroethane	0.00500	0.00495	0.00497	99.0	99.4	70.0-126			0.403	20
1,2-Dichloroethane	0.00500	0.00472	0.00478	94.4	95.6	70.0-128			1.26	20
1,1-Dichloroethene	0.00500	0.00446	0.00457	89.2	91.4	71.0-124			2.44	20
cis-1,2-Dichloroethene	0.00500	0.00486	0.00510	97.2	102	73.0-120			4.82	20
trans-1,2-Dichloroethene	0.00500	0.00489	0.00509	97.8	102	73.0-120			4.01	20
1,2-Dichloropropane	0.00500	0.00529	0.00524	106	105	77.0-125			0.950	20
cis-1,3-Dichloropropene	0.00500	0.00422	0.00429	84.4	85.8	80.0-123			1.65	20

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

(LCS) R3782579-1 04/18/22 20:05 • (LCSD) R3782579-2 04/18/22 20:26

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
trans-1,3-Dichloropropene	0.00500	0.00461	0.00479	92.2	95.8	78.0-124			3.83	20
Ethylbenzene	0.00500	0.00498	0.00497	99.6	99.4	79.0-123			0.201	20
Isopropylbenzene	0.00500	0.00446	0.00441	89.2	88.2	76.0-127			1.13	20
p-Isopropyltoluene	0.00500	0.00450	0.00453	90.0	90.6	76.0-125			0.664	20
2-Butanone (MEK)	0.0250	0.0310	0.0295	124	118	44.0-160			4.96	20
2-Hexanone	0.0250	0.0285	0.0277	114	111	67.0-149			2.85	20
Methylene Chloride	0.00500	0.00535	0.00512	107	102	67.0-120			4.39	20
4-Methyl-2-pentanone (MIBK)	0.0250	0.0304	0.0299	122	120	68.0-142			1.66	20
Methyl tert-butyl ether	0.00500	0.00482	0.00477	96.4	95.4	68.0-125			1.04	20
Naphthalene	0.00500	0.00432	0.00456	86.4	91.2	54.0-135			5.41	20
n-Propylbenzene	0.00500	0.00458	0.00462	91.6	92.4	77.0-124			0.870	20
Styrene	0.00500	0.00452	0.00462	90.4	92.4	73.0-130			2.19	20
tert-Butyl alcohol	0.0250	0.0309	0.0296	124	118	27.0-160			4.30	30
1,1,1,2-Tetrachloroethane	0.00500	0.00507	0.00527	101	105	75.0-125			3.87	20
1,1,2,2-Tetrachloroethane	0.00500	0.00536	0.00528	107	106	65.0-130			1.50	20
Tetrachloroethene	0.00500	0.00525	0.00518	105	104	72.0-132			1.34	20
Toluene	0.00500	0.00491	0.00502	98.2	100	79.0-120			2.22	20
1,1,1-Trichloroethane	0.00500	0.00440	0.00445	88.0	89.0	73.0-124			1.13	20
1,1,2-Trichloroethane	0.00500	0.00506	0.00513	101	103	80.0-120			1.37	20
Trichloroethene	0.00500	0.00437	0.00430	87.4	86.0	78.0-124			1.61	20
1,2,4-Trimethylbenzene	0.00500	0.00477	0.00477	95.4	95.4	76.0-121			0.000	20
1,3,5-Trimethylbenzene	0.00500	0.00499	0.00502	99.8	100	76.0-122			0.599	20
Vinyl chloride	0.00500	0.00453	0.00465	90.6	93.0	67.0-131			2.61	20
o-Xylene	0.00500	0.00494	0.00514	98.8	103	80.0-122			3.97	20
m&p-Xylenes	0.0100	0.0101	0.00989	101	98.9	80.0-122			2.10	20
Xylenes, Total	0.0150	0.0150	0.0150	100	100	79.0-123			0.000	20
(S) Toluene-d8				*108*	*106*	*80.0-120*				
(S) 4-Bromofluorobenzene				*100*	*97.8*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*88.8*	*88.2*	*70.0-130*				

Method Blank (MB)

(MB) R3782635-2 04/19/22 00:38

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Benzene	U		0.0000941	0.00100
Toluene	U		0.000278	0.00100
(S) Toluene-d8	*117*			*80.0-120*
(S) 4-Bromofluorobenzene	*92.1*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*92.1*			*70.0-130*

Laboratory Control Sample (LCS)

(LCS) R3782635-1 04/18/22 23:33

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Benzene	0.00500	0.00511	102	70.0-123	
Toluene	0.00500	0.00559	112	79.0-120	
(S) Toluene-d8			*112*	*80.0-120*	
(S) 4-Bromofluorobenzene			*94.0*	*77.0-126*	
(S) 1,2-Dichloroethane-d4			*99.0*	*70.0-130*	

Method Blank (MB)

(MB) R3782829-3 04/19/22 08:54

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Acetone	U		0.0113	0.0500
Benzene	U		0.0000941	0.00100
Bromodichloromethane	U		0.000136	0.00100
Bromoform	U		0.000129	0.00100
Bromomethane	U		0.000605	0.00500
n-Butylbenzene	U		0.000157	0.00100
sec-Butylbenzene	U		0.000125	0.00100
Carbon disulfide	U		0.0000962	0.00100
Carbon tetrachloride	U		0.000128	0.00100
Chlorobenzene	U		0.000116	0.00100
Chlorodibromomethane	U		0.000140	0.00100
Chloroethane	U		0.000192	0.00500
Chloroform	U		0.000111	0.00500
Chloromethane	U		0.000960	0.00250
1,2-Dibromoethane	U		0.000126	0.00100
1,1-Dichloroethane	U		0.000100	0.00100
1,2-Dichloroethane	U		0.0000819	0.00100
1,1-Dichloroethene	U		0.000188	0.00100
cis-1,2-Dichloroethene	U		0.000126	0.00100
trans-1,2-Dichloroethene	U		0.000149	0.00100
1,2-Dichloropropane	U		0.000149	0.00100
cis-1,3-Dichloropropene	U		0.000111	0.00100
trans-1,3-Dichloropropene	U		0.000118	0.00100
Ethylbenzene	U		0.000137	0.00100
Isopropylbenzene	U		0.000105	0.00100
p-Isopropyltoluene	U		0.000120	0.00100
2-Butanone (MEK)	U		0.00119	0.0100
2-Hexanone	U		0.000787	0.0100
Methylene Chloride	U		0.000430	0.00500
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100
Methyl tert-butyl ether	U		0.000101	0.00100
Naphthalene	U		0.00100	0.00500
n-Propylbenzene	U		0.0000993	0.00100
Styrene	U		0.000118	0.00100
tert-Butyl alcohol	U		0.00406	0.00500
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100
Tetrachloroethene	U		0.000300	0.00100
Toluene	U		0.000278	0.00100
1,1,1-Trichloroethane	U		0.000149	0.00100

Method Blank (MB)

(MB) R3782829-3 04/19/22 08:54

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
1,1,2-Trichloroethane	U		0.000158	0.00100
Trichloroethene	U		0.000190	0.00100
1,2,4-Trimethylbenzene	U		0.000322	0.00100
1,3,5-Trimethylbenzene	U		0.000104	0.00100
Vinyl chloride	U		0.000234	0.00100
o-Xylene	U		0.000174	0.00100
m&p-Xylenes	U		0.000430	0.00200
Xylenes, Total	U		0.000174	0.00300
(S) Toluene-d8	*103*			*80.0-120*
(S) 4-Bromofluorobenzene	*99.3*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*98.5*			*70.0-130*

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

(LCS) R3782829-1 04/19/22 07:53 • (LCSD) R3782829-2 04/19/22 08:13

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	0.0250	0.0276	0.0267	110	107	19.0-160			3.31	27
Benzene	0.00500	0.00532	0.00523	106	105	70.0-123			1.71	20
Bromodichloromethane	0.00500	0.00527	0.00523	105	105	75.0-120			0.762	20
Bromoform	0.00500	0.00502	0.00470	100	94.0	68.0-132			6.58	20
Bromomethane	0.00500	0.00465	0.00485	93.0	97.0	10.0-160			4.21	25
n-Butylbenzene	0.00500	0.00380	0.00379	76.0	75.8	73.0-125			0.264	20
sec-Butylbenzene	0.00500	0.00502	0.00497	100	99.4	75.0-125			1.00	20
Carbon disulfide	0.00500	0.00523	0.00520	105	104	61.0-128			0.575	20
Carbon tetrachloride	0.00500	0.00497	0.00467	99.4	93.4	68.0-126			6.22	20
Chlorobenzene	0.00500	0.00513	0.00499	103	99.8	80.0-121			2.77	20
Chlorodibromomethane	0.00500	0.00502	0.00483	100	96.6	77.0-125			3.86	20
Chloroethane	0.00500	0.00507	0.00497	101	99.4	47.0-150			1.99	20
Chloroform	0.00500	0.00513	0.00507	103	101	73.0-120			1.18	20
Chloromethane	0.00500	0.00490	0.00507	98.0	101	41.0-142			3.41	20
1,2-Dibromoethane	0.00500	0.00518	0.00493	104	98.6	80.0-122			4.95	20
1,1-Dichloroethane	0.00500	0.00531	0.00524	106	105	70.0-126			1.33	20
1,2-Dichloroethane	0.00500	0.00497	0.00491	99.4	98.2	70.0-128			1.21	20
1,1-Dichloroethene	0.00500	0.00523	0.00495	105	99.0	71.0-124			5.50	20
cis-1,2-Dichloroethene	0.00500	0.00531	0.00519	106	104	73.0-120			2.29	20
trans-1,2-Dichloroethene	0.00500	0.00527	0.00511	105	102	73.0-120			3.08	20
1,2-Dichloropropane	0.00500	0.00561	0.00538	112	108	77.0-125			4.19	20
cis-1,3-Dichloropropene	0.00500	0.00492	0.00477	98.4	95.4	80.0-123			3.10	20

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

(LCS) R3782829-1 04/19/22 07:53 • (LCSD) R3782829-2 04/19/22 08:13

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
trans-1,3-Dichloropropene	0.00500	0.00494	0.00479	98.8	95.8	78.0-124			3.08	20
Ethylbenzene	0.00500	0.00515	0.00505	103	101	79.0-123			1.96	20
Isopropylbenzene	0.00500	0.00503	0.00490	101	98.0	76.0-127			2.62	20
p-Isopropyltoluene	0.00500	0.00417	0.00422	83.4	84.4	76.0-125			1.19	20
2-Butanone (MEK)	0.0250	0.0321	0.0311	128	124	44.0-160			3.16	20
2-Hexanone	0.0250	0.0266	0.0251	106	100	67.0-149			5.80	20
Methylene Chloride	0.00500	0.00522	0.00501	104	100	67.0-120			4.11	20
4-Methyl-2-pentanone (MIBK)	0.0250	0.0312	0.0301	125	120	68.0-142			3.59	20
Methyl tert-butyl ether	0.00500	0.00513	0.00508	103	102	68.0-125			0.979	20
Naphthalene	0.00500	0.00255	0.00261	51.0	52.2	54.0-135	J4	J4	2.33	20
n-Propylbenzene	0.00500	0.00522	0.00516	104	103	77.0-124			1.16	20
Styrene	0.00500	0.00433	0.00417	86.6	83.4	73.0-130			3.76	20
tert-Butyl alcohol	0.0250	0.0188	0.0166	75.2	66.4	27.0-160			12.4	30
1,1,1,2-Tetrachloroethane	0.00500	0.00530	0.00498	106	99.6	75.0-125			6.23	20
1,1,2,2-Tetrachloroethane	0.00500	0.00563	0.00558	113	112	65.0-130			0.892	20
Tetrachloroethene	0.00500	0.00513	0.00511	103	102	72.0-132			0.391	20
Toluene	0.00500	0.00524	0.00497	105	99.4	79.0-120			5.29	20
1,1,1-Trichloroethane	0.00500	0.00502	0.00490	100	98.0	73.0-124			2.42	20
1,1,2-Trichloroethane	0.00500	0.00539	0.00524	108	105	80.0-120			2.82	20
Trichloroethene	0.00500	0.00556	0.00543	111	109	78.0-124			2.37	20
1,2,4-Trimethylbenzene	0.00500	0.00518	0.00510	104	102	76.0-121			1.56	20
1,3,5-Trimethylbenzene	0.00500	0.00510	0.00512	102	102	76.0-122			0.391	20
Vinyl chloride	0.00500	0.00463	0.00445	92.6	89.0	67.0-131			3.96	20
o-Xylene	0.00500	0.00499	0.00482	99.8	96.4	80.0-122			3.47	20
m&p-Xylenes	0.0100	0.0104	0.00997	104	99.7	80.0-122			4.22	20
Xylenes, Total	0.0150	0.0154	0.0148	103	98.7	79.0-123			3.97	20
(S) Toluene-d8				*104*	*101*	*80.0-120*				
(S) 4-Bromofluorobenzene				*97.9*	*97.1*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*99.6*	*97.9*	*70.0-130*				

Method Blank (MB)

(MB) R3783464-3 04/20/22 12:35

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Acetone	U		0.0113	0.0500
Benzene	U		0.0000941	0.00100
Bromodichloromethane	U		0.000136	0.00100
Bromoform	U		0.000129	0.00100
Bromomethane	U		0.000605	0.00500
n-Butylbenzene	U		0.000157	0.00100
sec-Butylbenzene	U		0.000125	0.00100
Carbon disulfide	U		0.0000962	0.00100
Carbon tetrachloride	U		0.000128	0.00100
Chlorobenzene	U		0.000116	0.00100
Chlorodibromomethane	U		0.000140	0.00100
Chloroethane	U		0.000192	0.00500
Chloroform	U		0.000111	0.00500
Chloromethane	U		0.000960	0.00250
1,2-Dibromoethane	U		0.000126	0.00100
1,1-Dichloroethane	U		0.000100	0.00100
1,2-Dichloroethane	U		0.0000819	0.00100
1,1-Dichloroethene	U		0.000188	0.00100
cis-1,2-Dichloroethene	U		0.000126	0.00100
trans-1,2-Dichloroethene	U		0.000149	0.00100
1,2-Dichloropropane	U		0.000149	0.00100
cis-1,3-Dichloropropene	U		0.000111	0.00100
trans-1,3-Dichloropropene	U		0.000118	0.00100
Ethylbenzene	U		0.000137	0.00100
Isopropylbenzene	U		0.000105	0.00100
p-Isopropyltoluene	U		0.000120	0.00100
2-Butanone (MEK)	U		0.00119	0.0100
2-Hexanone	U		0.000787	0.0100
Methylene Chloride	U		0.000430	0.00500
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100
Methyl tert-butyl ether	U		0.000101	0.00100
Naphthalene	U		0.00100	0.00500
n-Propylbenzene	U		0.0000993	0.00100
Styrene	U		0.000118	0.00100
tert-Butyl alcohol	U		0.00406	0.00500
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100
Tetrachloroethene	U		0.000300	0.00100
Toluene	U		0.000278	0.00100
1,1,1-Trichloroethane	U		0.000149	0.00100

Method Blank (MB)

(MB) R3783464-3 04/20/22 12:35

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
1,1,2-Trichloroethane	U		0.000158	0.00100
Trichloroethene	U		0.000190	0.00100
1,2,4-Trimethylbenzene	U		0.000322	0.00100
1,3,5-Trimethylbenzene	U		0.000104	0.00100
Vinyl chloride	U		0.000234	0.00100
o-Xylene	U		0.000174	0.00100
m&p-Xylenes	U		0.000430	0.00200
Xylenes, Total	U		0.000174	0.00300
(S) Toluene-d8	*112*			*80.0-120*
(S) 4-Bromofluorobenzene	*99.6*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*85.6*			*70.0-130*

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

(LCS) R3783464-1 04/20/22 11:35 • (LCSD) R3783464-2 04/20/22 11:55

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	0.0250	0.0283	0.0295	113	118	19.0-160			4.15	27
Benzene	0.00500	0.00508	0.00508	102	102	70.0-123			0.000	20
Bromodichloromethane	0.00500	0.00460	0.00469	92.0	93.8	75.0-120			1.94	20
Bromoform	0.00500	0.00420	0.00429	84.0	85.8	68.0-132			2.12	20
Bromomethane	0.00500	0.00463	0.00436	92.6	87.2	10.0-160			6.01	25
n-Butylbenzene	0.00500	0.00449	0.00426	89.8	85.2	73.0-125			5.26	20
sec-Butylbenzene	0.00500	0.00435	0.00434	87.0	86.8	75.0-125			0.230	20
Carbon disulfide	0.00500	0.00449	0.00452	89.8	90.4	61.0-128			0.666	20
Carbon tetrachloride	0.00500	0.00399	0.00396	79.8	79.2	68.0-126			0.755	20
Chlorobenzene	0.00500	0.00500	0.00514	100	103	80.0-121			2.76	20
Chlorodibromomethane	0.00500	0.00417	0.00435	83.4	87.0	77.0-125			4.23	20
Chloroethane	0.00500	0.00525	0.00524	105	105	47.0-150			0.191	20
Chloroform	0.00500	0.00491	0.00471	98.2	94.2	73.0-120			4.16	20
Chloromethane	0.00500	0.00579	0.00578	116	116	41.0-142			0.173	20
1,2-Dibromoethane	0.00500	0.00459	0.00477	91.8	95.4	80.0-122			3.85	20
1,1-Dichloroethane	0.00500	0.00490	0.00503	98.0	101	70.0-126			2.62	20
1,2-Dichloroethane	0.00500	0.00440	0.00464	88.0	92.8	70.0-128			5.31	20
1,1-Dichloroethene	0.00500	0.00488	0.00476	97.6	95.2	71.0-124			2.49	20
cis-1,2-Dichloroethene	0.00500	0.00480	0.00483	96.0	96.6	73.0-120			0.623	20
trans-1,2-Dichloroethene	0.00500	0.00516	0.00499	103	99.8	73.0-120			3.35	20
1,2-Dichloropropane	0.00500	0.00506	0.00520	101	104	77.0-125			2.73	20
cis-1,3-Dichloropropene	0.00500	0.00427	0.00425	85.4	85.0	80.0-123			0.469	20

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

(LCS) R3783464-1 04/20/22 11:35 • (LCSD) R3783464-2 04/20/22 11:55

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
trans-1,3-Dichloropropene	0.00500	0.00441	0.00451	88.2	90.2	78.0-124			2.24	20
Ethylbenzene	0.00500	0.00479	0.00517	95.8	103	79.0-123			7.63	20
Isopropylbenzene	0.00500	0.00447	0.00452	89.4	90.4	76.0-127			1.11	20
p-Isopropyltoluene	0.00500	0.00445	0.00422	89.0	84.4	76.0-125			5.31	20
2-Butanone (MEK)	0.0250	0.0283	0.0290	113	116	44.0-160			2.44	20
2-Hexanone	0.0250	0.0260	0.0259	104	104	67.0-149			0.385	20
Methylene Chloride	0.00500	0.00524	0.00500	105	100	67.0-120			4.69	20
4-Methyl-2-pentanone (MIBK)	0.0250	0.0292	0.0288	117	115	68.0-142			1.38	20
Methyl tert-butyl ether	0.00500	0.00456	0.00474	91.2	94.8	68.0-125			3.87	20
Naphthalene	0.00500	0.00409	0.00429	81.8	85.8	54.0-135			4.77	20
n-Propylbenzene	0.00500	0.00461	0.00459	92.2	91.8	77.0-124			0.435	20
Styrene	0.00500	0.00440	0.00451	88.0	90.2	73.0-130			2.47	20
tert-Butyl alcohol	0.0250	0.0267	0.0280	107	112	27.0-160			4.75	30
1,1,1,2-Tetrachloroethane	0.00500	0.00520	0.00533	104	107	75.0-125			2.47	20
1,1,2,2-Tetrachloroethane	0.00500	0.00546	0.00530	109	106	65.0-130			2.97	20
Tetrachloroethene	0.00500	0.00519	0.00503	104	101	72.0-132			3.13	20
Toluene	0.00500	0.00478	0.00477	95.6	95.4	79.0-120			0.209	20
1,1,1-Trichloroethane	0.00500	0.00443	0.00442	88.6	88.4	73.0-124			0.226	20
1,1,2-Trichloroethane	0.00500	0.00515	0.00521	103	104	80.0-120			1.16	20
Trichloroethene	0.00500	0.00409	0.00437	81.8	87.4	78.0-124			6.62	20
1,2,4-Trimethylbenzene	0.00500	0.00464	0.00449	92.8	89.8	76.0-121			3.29	20
1,3,5-Trimethylbenzene	0.00500	0.00508	0.00476	102	95.2	76.0-122			6.50	20
Vinyl chloride	0.00500	0.00467	0.00473	93.4	94.6	67.0-131			1.28	20
o-Xylene	0.00500	0.00497	0.00483	99.4	96.6	80.0-122			2.86	20
m&p-Xylenes	0.0100	0.00991	0.00987	99.1	98.7	80.0-122			0.404	20
Xylenes, Total	0.0150	0.0149	0.0147	99.3	98.0	79.0-123			1.35	20
(S) Toluene-d8				*108*	*112*	*80.0-120*				
(S) 4-Bromofluorobenzene				*95.9*	*94.4*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*89.1*	*89.6*	*70.0-130*				

Method Blank (MB)

(MB) R3782814-1 04/18/22 23:12

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Ethylene Dibromide	U		0.00000536	0.0000200

L1482325-04 Original Sample (OS) • Duplicate (DUP)

(OS) L1482325-04 04/18/22 23:58 • (DUP) R3782814-3 04/18/22 23:47

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Ethylene Dibromide	U	U	1	0.000		20

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

(LCS) R3782814-4 04/19/22 01:55 • (LCSD) R3782814-5 04/19/22 04:26

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Ethylene Dibromide	0.000250	0.000333	0.000330	133	132	60.0-140			0.905	20

L1482325-05 Original Sample (OS) • Matrix Spike (MS)

(OS) L1482325-05 04/18/22 23:35 • (MS) R3782814-2 04/18/22 23:23

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Ethylene Dibromide	0.0000989	U	0.000106	107	1	64.0-159	

Method Blank (MB)

(MB) R3783548-1 04/21/22 05:52

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
TPH (GC/FID) High Fraction	0.0327		0.0247	0.100
(S) o-Terphenyl	*57.0*			*31.0-160*

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

(LCS) R3783548-2 04/21/22 06:18 • (LCSD) R3783548-3 04/21/22 06:44

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
TPH (GC/FID) High Fraction	1.50	1.30	1.32	86.7	88.0	50.0-150			1.53	20
(S) o-Terphenyl				*87.5*	*82.5*	*31.0-160*				

Method Blank (MB)

(MB) R3784111-1 04/22/22 09:04

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
TPH (GC/FID) High Fraction	U		0.0247	0.100
(S) o-Terphenyl	*87.0*			*31.0-160*

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

(LCS) R3784111-2 04/22/22 09:28 • (LCSD) R3784111-3 04/22/22 09:51

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
TPH (GC/FID) High Fraction	1.50	1.65	1.68	110	112	50.0-150			1.80	20
(S) o-Terphenyl				*138*	*142*	*31.0-160*				

Method Blank (MB)

(MB) R3784889-1 04/22/22 20:56

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
TPH (GC/FID) High Fraction	U		0.0247	0.100
(S) o-Terphenyl	*73.5*			*31.0-160*

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

(LCS) R3784889-2 04/22/22 21:16 • (LCSD) R3784889-3 04/22/22 21:36

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
TPH (GC/FID) High Fraction	1.50	1.33	1.31	88.7	87.3	50.0-150			1.52	20
(S) o-Terphenyl				*100*	*101*	*31.0-160*				

Method Blank (MB)

(MB) R3785487-1 04/26/22 20:08

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
TPH (GC/FID) High Fraction	U		0.0247	0.100
(S) o-Terphenyl	*103*			*31.0-160*

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

(LCS) R3785487-2 04/26/22 20:32 • (LCSD) R3785487-3 04/26/22 20:55

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
TPH (GC/FID) High Fraction	1.50	1.59	1.66	106	111	50.0-150			4.31	20
(S) o-Terphenyl				*140*	*141*	*31.0-160*				

Received by OCD: 6/14/2023 2:07:46 PM

Semi-Volatile Organic Compounds (GC) by Method 3511/8015 L1482377-32,33,34,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52

Method Blank (MB)

(MB) R3785874-1 04/27/22 07:36

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
TPH (GC/FID) High Fraction	U		0.0247	0.100
(S) o-Terphenyl	*83.5*			*31.0-160*

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

(LCS) R3785874-2 04/27/22 07:56 • (LCSD) R3785874-3 04/27/22 08:16

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
TPH (GC/FID) High Fraction	1.50	1.32	1.31	88.0	87.3	50.0-150			0.760	20
(S) o-Terphenyl				*98.0*	*104*	*31.0-160*				

Released to Imaging: 10/3/2023 9:38:32 AM

Received by OCD: 6/14/2023 2:07:46 PM

Method Blank (MB)

(MB) R3781899-2 04/16/22 14:03

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
1,4-Dioxane	U		0.0000447	0.000400
(S) Nitrobenzene-d5	*72.1*			*10.0-120*

Laboratory Control Sample (LCS)

(LCS) R3781899-1 04/16/22 13:44

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
1,4-Dioxane	0.0500	0.0535	107	73.0-146	
(S) Nitrobenzene-d5			*68.1*	*10.0-120*	

L1481024-13 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1481024-13 04/16/22 20:32 • (MS) R3781899-3 04/16/22 20:51 • (MSD) R3781899-4 04/16/22 21:11

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
1,4-Dioxane	0.0476	0.000835	0.0520	0.0517	107	107	1	38.0-160			0.579	21
(S) Nitrobenzene-d5					*65.9*	*68.9*		*10.0-120*				

Released to Imaging: 10/3/2023 9:38:32 AM

Method Blank (MB)

(MB) R3782203-2 04/17/22 13:36

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
1,4-Dioxane	U		0.0000447	0.000400
(S) Nitrobenzene-d5	*70.5*			*10.0-120*

Laboratory Control Sample (LCS)

(LCS) R3782203-1 04/17/22 13:17

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
1,4-Dioxane	0.0500	0.0483	96.6	73.0-146	
(S) Nitrobenzene-d5			*73.6*	*10.0-120*	

L1481024-09 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1481024-09 04/17/22 13:55 • (MS) R3782203-3 04/17/22 14:14 • (MSD) R3782203-4 04/17/22 14:33

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
1,4-Dioxane	0.0556	0.00450	0.0567	0.0573	93.9	95.0	1.11	38.0-160			1.05	21
(S) Nitrobenzene-d5					*73.8*	*72.7*		*10.0-120*				

Method Blank (MB)

(MB) R3782700-3 04/19/22 00:46

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
1,4-Dioxane	U		0.0000447	0.000400
(S) Nitrobenzene-d5	*75.6*			*10.0-120*

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

(LCS) R3782700-1 04/19/22 00:08 • (LCSD) R3782700-2 04/19/22 00:27

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
1,4-Dioxane	0.0500	0.0531	0.0529	106	106	73.0-146			0.377	20
(S) Nitrobenzene-d5				*88.9*	*79.5*	*10.0-120*				

Method Blank (MB)

(MB) R3783030-2 04/20/22 10:10

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Acenaphthene	U		0.0000886	0.00100
Acenaphthylene	U		0.0000921	0.00100
Acetophenone	U		0.000208	0.0100
Anthracene	U		0.0000804	0.00100
Atrazine	U		0.000255	0.0100
Benzo(a)anthracene	U		0.000199	0.00100
Benzaldehyde	U		0.00169	0.0100
Benzo(b)fluoranthene	U		0.000130	0.00100
Benzo(k)fluoranthene	U		0.000120	0.00100
Benzo(g,h,i)perylene	U		0.000121	0.00100
Benzo(a)pyrene	U		0.0000381	0.000200
Biphenyl	U		0.000790	0.0100
Bis(2-chlorethoxy)methane	U		0.000116	0.0100
Bis(2-chloroethyl)ether	U		0.000137	0.0100
2,2-Oxybis(1-Chloropropane)	U		0.000210	0.0100
4-Bromophenyl-phenylether	U		0.0000877	0.0100
2-Chloronaphthalene	U		0.0000648	0.00100
4-Chlorophenyl-phenylether	U		0.0000926	0.0100
Caprolactam	U		0.000309	0.0100
Carbazole	U		0.000111	0.0100
Chrysene	U		0.000130	0.00100
Dibenz(a,h)anthracene	U		0.0000644	0.000200
Dibenzofuran	U		0.0000970	0.0100
3,3-Dichlorobenzidine	U		0.000212	0.0100
2,4-Dinitrotoluene	U		0.0000983	0.0100
2,6-Dinitrotoluene	U		0.000250	0.0100
Fluoranthene	U		0.000102	0.00100
Fluorene	U		0.0000844	0.00100
Hexachlorobenzene	U		0.0000755	0.00100
Hexachloro-1,3-butadiene	U		0.0000968	0.0100
Hexachlorocyclopentadiene	U		0.0000598	0.0100
Hexachloroethane	U		0.000127	0.0100
Indeno(1,2,3-cd)pyrene	U		0.000279	0.00100
Isophorone	U		0.000143	0.0100
1-Methylnaphthalene	U		0.0000790	0.00100
2-Methylnaphthalene	U		0.000117	0.00100
Naphthalene	U		0.000159	0.00100
Nitrobenzene	U		0.000297	0.0100
n-Nitrosodiphenylamine	U		0.00237	0.0100
n-Nitrosodi-n-propylamine	U		0.000261	0.0100

Method Blank (MB)

(MB) R3783030-2 04/20/22 10:10

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Phenanthrene	U		0.000112	0.00100
Benzylbutyl phthalate	U		0.000765	0.00300
Bis(2-ethylhexyl)phthalate	U		0.000895	0.00300
Di-n-butyl phthalate	U		0.000453	0.00300
Diethyl phthalate	U		0.000287	0.00300
Dimethyl phthalate	U		0.000260	0.00300
Di-n-octyl phthalate	U		0.000932	0.00300
Pyrene	U		0.000107	0.00100
1,2,4-Trichlorobenzene	U		0.0000698	0.0100
4-Chloro-3-methylphenol	U		0.000131	0.0100
2-Chlorophenol	U		0.000133	0.0100
2,4-Dichlorophenol	U		0.000102	0.0100
2,4-Dimethylphenol	U		0.0000636	0.0100
4,6-Dinitro-2-methylphenol	U		0.00112	0.0100
2,4-Dinitrophenol	U		0.00593	0.0100
2-Nitrophenol	U		0.000117	0.0100
2-Nitroaniline	U		0.000102	0.0100
2-Methylphenol	U		0.0000929	0.0100
3&4-Methyl Phenol	U		0.000168	0.0100
3-Nitroaniline	U		0.0000869	0.0100
4-Chloroaniline	U		0.000234	0.0100
4-Nitroaniline	U		0.0000910	0.0100
4-Nitrophenol	U		0.000143	0.0100
Pentachlorophenol	U		0.000313	0.0100
Phenol	U		0.00433	0.0100
2,4,5-Trichlorophenol	U		0.000109	0.0100
2,4,6-Trichlorophenol	U		0.000100	0.0100
(S) 2-Fluorophenol	*38.5*			*10.0-120*
(S) Phenol-d5	*28.3*			*10.0-120*
(S) Nitrobenzene-d5	*63.3*			*10.0-127*
(S) 2-Fluorobiphenyl	*78.2*			*10.0-130*
(S) 2,4,6-Tribromophenol	*57.0*			*10.0-155*
(S) p-Terphenyl-d14	*78.2*			*10.0-128*

Method Blank (MB)

(MB) R3783282-1 04/20/22 13:41

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Acenaphthene	U		0.0000886	0.00100
Acenaphthylene	U		0.0000921	0.00100
Acetophenone	U		0.000208	0.0100
Anthracene	U		0.0000804	0.00100
Atrazine	U		0.000255	0.0100
Benzo(a)anthracene	U		0.000199	0.00100
Benzaldehyde	U		0.00169	0.0100
Benzo(b)fluoranthene	U		0.000130	0.00100
Benzo(k)fluoranthene	U		0.000120	0.00100
Benzo(g,h,i)perylene	U		0.000121	0.00100
Benzo(a)pyrene	U		0.0000381	0.000200
Biphenyl	U		0.000790	0.0100
Bis(2-chlorethoxy)methane	U		0.000116	0.0100
Bis(2-chloroethyl)ether	U		0.000137	0.0100
2,2-Oxybis(1-Chloropropane)	U		0.000210	0.0100
4-Bromophenyl-phenylether	U		0.0000877	0.0100
2-Chloronaphthalene	U		0.0000648	0.00100
4-Chlorophenyl-phenylether	U		0.0000926	0.0100
Caprolactam	U		0.000309	0.0100
Carbazole	U		0.000111	0.0100
Chrysene	U		0.000130	0.00100
Dibenz(a,h)anthracene	U		0.0000644	0.000200
Dibenzofuran	U		0.0000970	0.0100
3,3-Dichlorobenzidine	U		0.000212	0.0100
2,4-Dinitrotoluene	U		0.0000983	0.0100
2,6-Dinitrotoluene	U		0.000250	0.0100
Fluoranthene	U		0.000102	0.00100
Fluorene	U		0.0000844	0.00100
Hexachlorobenzene	U		0.0000755	0.00100
Hexachloro-1,3-butadiene	U		0.0000968	0.0100
Hexachlorocyclopentadiene	U		0.0000598	0.0100
Hexachloroethane	U		0.000127	0.0100
Indeno(1,2,3-cd)pyrene	U		0.000279	0.00100
Isophorone	U		0.000143	0.0100
1-Methylnaphthalene	U		0.0000790	0.00100
2-Methylnaphthalene	U		0.000117	0.00100
Naphthalene	U		0.000159	0.00100
Nitrobenzene	U		0.000297	0.0100
n-Nitrosodiphenylamine	U		0.00237	0.0100
n-Nitrosodi-n-propylamine	U		0.000261	0.0100

Received by OCD: 6/14/2023 2:07:46 PM

Method Blank (MB)

(MB) R3783282-1 04/20/22 13:41

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Phenanthrene	U		0.000112	0.00100
Benzylbutyl phthalate	U		0.000765	0.00300
Bis(2-ethylhexyl)phthalate	U		0.000895	0.00300
Di-n-butyl phthalate	U		0.000453	0.00300
Diethyl phthalate	U		0.000287	0.00300
Dimethyl phthalate	U		0.000260	0.00300
Di-n-octyl phthalate	U		0.000932	0.00300
Pyrene	U		0.000107	0.00100
1,2,4-Trichlorobenzene	U		0.0000698	0.0100
4-Chloro-3-methylphenol	U		0.000131	0.0100
2-Chlorophenol	U		0.000133	0.0100
2,4-Dichlorophenol	U		0.000102	0.0100
2,4-Dimethylphenol	U		0.0000636	0.0100
4,6-Dinitro-2-methylphenol	U		0.00112	0.0100
2,4-Dinitrophenol	U		0.00593	0.0100
2-Nitrophenol	U		0.000117	0.0100
2-Nitroaniline	U		0.000102	0.0100
2-Methylphenol	U		0.0000929	0.0100
3&4-Methyl Phenol	U		0.000168	0.0100
3-Nitroaniline	U		0.0000869	0.0100
4-Chloroaniline	U		0.000234	0.0100
4-Nitroaniline	U		0.0000910	0.0100
4-Nitrophenol	U		0.000143	0.0100
Pentachlorophenol	U		0.000313	0.0100
Phenol	U		0.00433	0.0100
2,4,5-Trichlorophenol	U		0.000109	0.0100
2,4,6-Trichlorophenol	U		0.000100	0.0100
(S) 2-Fluorophenol	*30.3*			*10.0-120*
(S) Phenol-d5	*23.4*			*10.0-120*
(S) Nitrobenzene-d5	*67.0*			*10.0-127*
(S) 2-Fluorobiphenyl	*77.8*			*10.0-130*
(S) 2,4,6-Tribromophenol	*59.5*			*10.0-155*
(S) p-Terphenyl-d14	*75.2*			*10.0-128*

Released to Imaging: 10/3/2023 9:38:32 AM

Laboratory Control Sample (LCS)

(LCS) R3783030-1 04/20/22 09:48

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Acenaphthene	0.0500	0.0380	76.0	41.0-120	
Acenaphthylene	0.0500	0.0419	83.8	43.0-120	
Acetophenone	0.0500	0.0397	79.4	29.0-120	
Anthracene	0.0500	0.0404	80.8	45.0-120	
Atrazine	0.0500	0.0450	90.0	39.0-141	
Benzo(a)anthracene	0.0500	0.0430	86.0	47.0-120	
Benzaldehyde	0.0500	0.102	204	10.0-160	J4
Benzo(b)fluoranthene	0.0500	0.0416	83.2	46.0-120	
Benzo(k)fluoranthene	0.0500	0.0433	86.6	46.0-120	
Benzo(g,h,i)perylene	0.0500	0.0424	84.8	48.0-121	
Benzo(a)pyrene	0.0500	0.0473	94.6	47.0-120	
Biphenyl	0.0500	0.0372	74.4	38.0-120	
Bis(2-chlorethoxy)methane	0.0500	0.0362	72.4	33.0-120	
Bis(2-chloroethyl)ether	0.0500	0.0401	80.2	23.0-120	
2,2-Oxybis(1-Chloropropane)	0.0500	0.0354	70.8	28.0-120	
4-Bromophenyl-phenylether	0.0500	0.0425	85.0	45.0-120	
2-Chloronaphthalene	0.0500	0.0372	74.4	37.0-120	
4-Chlorophenyl-phenylether	0.0500	0.0405	81.0	44.0-120	
Caprolactam	0.0500	0.0171	34.2	10.0-120	
Carbazole	0.0500	0.0407	81.4	51.0-122	
Chrysene	0.0500	0.0402	80.4	48.0-120	
Dibenz(a,h)anthracene	0.0500	0.0426	85.2	47.0-120	
Dibenzofuran	0.0500	0.0407	81.4	44.0-120	
3,3-Dichlorobenzidine	0.100	0.0904	90.4	44.0-120	
2,4-Dinitrotoluene	0.0500	0.0478	95.6	49.0-124	
2,6-Dinitrotoluene	0.0500	0.0442	88.4	46.0-120	
Fluoranthene	0.0500	0.0425	85.0	51.0-120	
Fluorene	0.0500	0.0397	79.4	47.0-120	
Hexachlorobenzene	0.0500	0.0417	83.4	44.0-120	
Hexachloro-1,3-butadiene	0.0500	0.0294	58.8	19.0-120	
Hexachlorocyclopentadiene	0.0500	0.0197	39.4	15.0-120	
Hexachloroethane	0.0500	0.0324	64.8	15.0-120	
Indeno(1,2,3-cd)pyrene	0.0500	0.0431	86.2	49.0-122	
Isophorone	0.0500	0.0341	68.2	36.0-120	
1-Methylnaphthalene	0.0500	0.0348	69.6	33.0-120	
2-Methylnaphthalene	0.0500	0.0337	67.4	33.0-120	
Naphthalene	0.0500	0.0330	66.0	27.0-120	
Nitrobenzene	0.0500	0.0320	64.0	27.0-120	
n-Nitrosodiphenylamine	0.0500	0.0384	76.8	47.0-120	
n-Nitrosodi-n-propylamine	0.0500	0.0378	75.6	31.0-120	

Laboratory Control Sample (LCS)

(LCS) R3783030-1 04/20/22 09:48

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Phenanthrene	0.0500	0.0388	77.6	46.0-120	
Benzylbutyl phthalate	0.0500	0.0433	86.6	43.0-121	
Bis(2-ethylhexyl)phthalate	0.0500	0.0437	87.4	43.0-122	
Di-n-butyl phthalate	0.0500	0.0441	88.2	49.0-121	
Diethyl phthalate	0.0500	0.0419	83.8	48.0-122	
Dimethyl phthalate	0.0500	0.0414	82.8	48.0-120	
Di-n-octyl phthalate	0.0500	0.0408	81.6	42.0-125	
Pyrene	0.0500	0.0417	83.4	47.0-120	
1,2,4-Trichlorobenzene	0.0500	0.0318	63.6	24.0-120	
4-Chloro-3-methylphenol	0.0500	0.0315	63.0	40.0-120	
2-Chlorophenol	0.0500	0.0306	61.2	25.0-120	
2,4-Dichlorophenol	0.0500	0.0317	63.4	36.0-120	
2,4-Dimethylphenol	0.0500	0.0300	60.0	33.0-120	
4,6-Dinitro-2-methylphenol	0.0500	0.0477	95.4	38.0-138	
2,4-Dinitrophenol	0.0500	0.0427	85.4	10.0-120	
2-Nitrophenol	0.0500	0.0370	74.0	31.0-120	
2-Nitroaniline	0.0500	0.0447	89.4	43.0-120	
2-Methylphenol	0.0500	0.0290	58.0	28.0-120	
3&4-Methyl Phenol	0.0500	0.0307	61.4	31.0-120	
3-Nitroaniline	0.0500	0.0398	79.6	38.0-120	
4-Chloroaniline	0.0500	0.0242	48.4	25.0-120	
4-Nitroaniline	0.0500	0.0419	83.8	18.0-160	
4-Nitrophenol	0.0500	0.0170	34.0	10.0-120	
Pentachlorophenol	0.0500	0.0389	77.8	23.0-120	
Phenol	0.0500	0.0168	33.6	10.0-120	
2,4,5-Trichlorophenol	0.0500	0.0398	79.6	44.0-120	
2,4,6-Trichlorophenol	0.0500	0.0403	80.6	42.0-120	
(S) 2-Fluorophenol			*44.1*	*10.0-120*	
(S) Phenol-d5			*33.6*	*10.0-120*	
(S) Nitrobenzene-d5			*57.2*	*10.0-127*	
(S) 2-Fluorobiphenyl			*77.2*	*10.0-130*	
(S) 2,4,6-Tribromophenol			*94.0*	*10.0-155*	
(S) p-Terphenyl-d14			*74.8*	*10.0-128*	

L1482677-19 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1482677-19 04/20/22 16:33 • (MS) R3783282-2 04/20/22 16:55 • (MSD) R3783282-3 04/20/22 17:16

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Acenaphthene	0.0455	U	0.0329	0.0303	72.3	66.6	1	28.0-120			8.23	25
Acenaphthylene	0.0455	U	0.0371	0.0342	81.5	75.2	1	31.0-121			8.13	25
Acetophenone	0.0455	U	0.0293	0.0301	64.4	66.2	1	20.0-120			2.69	35
Anthracene	0.0455	U	0.0351	0.0340	77.1	74.7	1	36.0-120			3.18	23
Atrazine	0.0455	U	0.0425	0.0400	93.4	87.9	1	39.0-130			6.06	23
Benzo(a)anthracene	0.0455	U	0.0364	0.0340	80.0	74.7	1	39.0-120			6.82	23
Benzaldehyde	0.0455	U	0.0783	0.0811	172	178	1	10.0-160	J5	J5	3.51	40
Benzo(b)fluoranthene	0.0455	U	0.0342	0.0320	75.2	70.3	1	37.0-120			6.65	23
Benzo(k)fluoranthene	0.0455	U	0.0343	0.0318	75.4	69.9	1	37.0-120			7.56	26
Benzo(g,h,i)perylene	0.0455	U	0.0336	0.0302	73.8	66.4	1	37.0-123			10.7	25
Benzo(a)pyrene	0.0455	U	0.0350	0.0299	76.9	65.7	1	37.0-120			15.7	24
Biphenyl	0.0455	U	0.0327	0.0299	71.9	65.7	1	29.0-120			8.95	33
Bis(2-chlorethoxy)methane	0.0455	U	0.0273	0.0269	60.0	59.1	1	17.0-120			1.48	31
Bis(2-chloroethyl)ether	0.0455	U	0.0271	0.0286	59.6	62.9	1	14.0-120			5.39	33
2,2-Oxybis(1-Chloropropane)	0.0455	U	0.0280	0.0286	61.5	62.9	1	18.0-120			2.12	34
4-Bromophenyl-phenylether	0.0455	U	0.0391	0.0366	85.9	80.4	1	37.0-120			6.61	24
2-Chloronaphthalene	0.0455	U	0.0339	0.0315	74.5	69.2	1	29.0-120			7.34	28
4-Chlorophenyl-phenylether	0.0455	U	0.0393	0.0370	86.4	81.3	1	36.0-120			6.03	23
Caprolactam	0.0455	U	0.0125	0.0113	27.5	24.8	1	10.0-120			10.1	40
Carbazole	0.0455	U	0.0363	0.0353	79.8	77.6	1	38.0-127			2.79	21
Chrysene	0.0455	U	0.0355	0.0324	78.0	71.2	1	38.0-120			9.13	23
Dibenz(a,h)anthracene	0.0455	U	0.0341	0.0311	74.9	68.4	1	36.0-121			9.20	24
Dibenzofuran	0.0455	U	0.0372	0.0342	81.8	75.2	1	32.0-120			8.40	26
3,3-Dichlorobenzidine	0.0910	U	0.0632	0.0627	69.5	68.9	1	10.0-134			0.794	30
2,4-Dinitrotoluene	0.0455	U	0.0421	0.0402	92.5	88.4	1	39.0-125			4.62	25
2,6-Dinitrotoluene	0.0455	U	0.0412	0.0363	90.5	79.8	1	36.0-120			12.6	27
Fluoranthene	0.0455	U	0.0395	0.0377	86.8	82.9	1	41.0-121			4.66	22
Fluorene	0.0455	U	0.0378	0.0351	83.1	77.1	1	37.0-120			7.41	24
Hexachlorobenzene	0.0455	U	0.0406	0.0383	89.2	84.2	1	35.0-122			5.83	24
Hexachloro-1,3-butadiene	0.0455	U	0.0326	0.0306	71.6	67.3	1	12.0-120			6.33	34
Hexachlorocyclopentadiene	0.0455	U	0.0216	0.0201	47.5	44.2	1	10.0-120			7.19	33
Hexachloroethane	0.0455	U	0.0262	0.0267	57.6	58.7	1	10.0-120			1.89	40
Indeno(1,2,3-cd)pyrene	0.0455	U	0.0351	0.0318	77.1	69.9	1	38.0-125			9.87	24
Isophorone	0.0455	U	0.0298	0.0286	65.5	62.9	1	21.0-120			4.11	27
1-Methylnaphthalene	0.0455	U	0.0313	0.0287	68.8	63.1	1	11.0-120			8.67	27
2-Methylnaphthalene	0.0455	U	0.0299	0.0284	65.7	62.4	1	17.0-120			5.15	28
Naphthalene	0.0455	U	0.0288	0.0270	63.3	59.3	1	10.0-120			6.45	31
Nitrobenzene	0.0455	U	0.0279	0.0271	61.3	59.6	1	12.0-120			2.91	30
n-Nitrosodiphenylamine	0.0455	U	0.0306	0.0290	67.3	63.7	1	37.0-120			5.37	24
n-Nitrosodi-n-propylamine	0.0455	U	0.0293	0.0294	64.4	64.6	1	16.0-120			0.341	30

L1482677-19 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1482677-19 04/20/22 16:33 • (MS) R3783282-2 04/20/22 16:55 • (MSD) R3783282-3 04/20/22 17:16

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Phenanthrene	0.0455	U	0.0350	0.0330	76.9	72.5	1	33.0-120			5.88	22
Benzylbutyl phthalate	0.0455	U	0.0358	0.0337	78.7	74.1	1	34.0-126			6.04	24
Bis(2-ethylhexyl)phthalate	0.0455	U	0.0328	0.0286	72.1	62.9	1	33.0-126			13.7	25
Di-n-butyl phthalate	0.0455	U	0.0381	0.0363	83.7	79.8	1	35.0-128			4.84	23
Diethyl phthalate	0.0455	U	0.0414	0.0392	91.0	86.2	1	39.0-125			5.46	24
Dimethyl phthalate	0.0455	U	0.0391	0.0379	85.9	83.3	1	37.0-120			3.12	24
Di-n-octyl phthalate	0.0455	U	0.0306	0.0267	67.3	58.7	1	25.0-135			13.6	26
Pyrene	0.0455	U	0.0364	0.0347	80.0	76.3	1	39.0-120			4.78	22
1,2,4-Trichlorobenzene	0.0455	U	0.0327	0.0305	71.9	67.0	1	15.0-120			6.96	31
4-Chloro-3-methylphenol	0.0455	U	0.0250	0.0254	54.9	55.8	1	26.0-120			1.59	27
2-Chlorophenol	0.0455	U	0.0229	0.0238	50.3	52.3	1	18.0-120			3.85	34
2,4-Dichlorophenol	0.0455	U	0.0272	0.0273	59.8	60.0	1	19.0-120			0.367	27
2,4-Dimethylphenol	0.0455	U	0.0187	0.0247	41.1	54.3	1	15.0-120			27.6	28
4,6-Dinitro-2-methylphenol	0.0455	U	0.0376	0.0317	82.6	69.7	1	10.0-144			17.0	39
2,4-Dinitrophenol	0.0455	U	0.0314	0.0144	69.0	31.6	1	10.0-120		J3	74.2	40
2-Nitrophenol	0.0455	U	0.0299	0.0297	65.7	65.3	1	20.0-120			0.671	30
2-Nitroaniline	0.0455	U	0.0373	0.0378	82.0	83.1	1	33.0-120			1.33	27
2-Methylphenol	0.0455	U	0.0189	0.0206	41.5	45.3	1	10.0-120			8.61	30
3&4-Methyl Phenol	0.0455	U	0.0208	0.0226	45.7	49.7	1	10.0-120			8.29	36
3-Nitroaniline	0.0455	U	0.0320	0.0316	70.3	69.5	1	20.0-120			1.26	27
4-Chloroaniline	0.0455	U	0.0174	0.0196	38.2	43.1	1	10.0-120			11.9	31
4-Nitroaniline	0.0455	U	0.0353	0.0347	77.6	76.3	1	10.0-160			1.71	26
4-Nitrophenol	0.0455	U	0.0158	0.0138	34.7	30.3	1	10.0-120			13.5	40
Pentachlorophenol	0.0455	U	0.0333	0.0304	73.2	66.8	1	10.0-128			9.11	37
Phenol	0.0455	U	0.0120	0.0126	26.4	27.7	1	10.0-120			4.88	40
2,4,5-Trichlorophenol	0.0455	U	0.0365	0.0351	80.2	77.1	1	33.0-120			3.91	31
2,4,6-Trichlorophenol	0.0455	U	0.0361	0.0350	79.3	76.9	1	26.0-120			3.09	31
(S) 2-Fluorophenol					*34.5*	*34.8*		*10.0-120*				
(S) Phenol-d5					*25.8*	*25.7*		*10.0-120*				
(S) Nitrobenzene-d5					*60.7*	*63.1*		*10.0-127*				
(S) 2-Fluorobiphenyl					*79.1*	*72.1*		*10.0-130*				
(S) 2,4,6-Tribromophenol					*98.9*	*88.5*		*10.0-155*				
(S) p-Terphenyl-d14					*60.0*	*45.7*		*10.0-128*				

Guide to Reading and Understanding Your Laboratory Report

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

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

Abbreviations and Definitions

MDL	Method Detection Limit.
ND	Not detected at the Reporting Limit (or MDL where applicable).
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
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
B	The same analyte is found in the associated blank.
E	The analyte concentration exceeds the upper limit of the calibration range of the instrument established by the initial calibration (ICAL).
J	The identification of the analyte is acceptable; the reported value is an estimate.
J1	Surrogate recovery limits have been exceeded; values are outside upper control limits.
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.
J5	The sample matrix interfered with the ability to make any accurate determination; spike value is high.
J6	The sample matrix interfered with the ability to make any accurate determination; spike value is low.
O1	The analyte failed the method required serial dilution test and/or subsequent post-spike criteria. These failures indicate matrix interference.
P1	RPD value not applicable for sample concentrations less than 5 times the reporting limit.

GLOSSARY OF TERMS

Qualifier	Description
Q	Sample was prepared and/or analyzed past holding time as defined in the method. Concentrations should be considered minimum values.
V	The sample concentration is too high to evaluate accurate spike recoveries.

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.

TRC Solutions - Austin, TX
505 E. Huntland Dr, Ste 250
Austin, TX 78752

Billing Information:
Accounts Payable
21 Griffin Road North
Windsor, CT 06095
apinvoiceapproval@trcsolutions.com

Pres Chk

Report to: Julie Speer

Email To: jspeer@trccompanies.com

Project Description: Artesia Spring 2022

City/State Collected: Artesia, NM

Phone: 512-684-3170
Fax:

Client Project #

Lab Project #
TRCATX-ARTESIA

Collected by (print): Scott Ude/HMI Team

Site/Facility ID #
(Navajo - Artesia)

P.O. #

Collected by (signature): Scott Ude
Immediately Packed on Ice N ___ Y ✓

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote #

Date Results Needed

Chain of Custody Page 1 of 25

Pace Analytical®
National Center for Testing & Innovation

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

L# L1482577

Table #

Acctnum: TRCATX
Template: T206518
Prelogin: P915556
TSR: 526
PB:

Shipped Via:

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260OXY - 40mlAmb HCl	DROLVI- 40mlAmb-HCl-BT	GRO - 40mlAmb HCl	Total/Diss. Short List Metals	Anions. TDS - 500mlHDPE-NoPres	NO2NO3 - 250mlHDPE-H2SO4	Total /Diss. Long List Metals	Cyanide - 250mlHDPEAmb-NaOH	EDB - 40mlClr-NaThio	8270DIOXANE - 100ml Amb-NoPres	Remarks	Sample # (lab only)
MW-6A	Grab	GW				13	x	x	x	x	x	x				x		
MW-85	Grab	GW				11	x	x	x	x	x	x						
MW-86	Grab	GW				12	x	x	x		x	x	x	x				
MW-120	Grab	GW				13	x	x	x	x	x	x				x		
MW-121	Grab	GW				13	x	x	x	x	x	x				x		
MW-84	Grab	GW				11	x	x	x	x	x	x						
MW-122	Grab	GW		4/12/22	1715	13	x	x	x	x	x	x				x		01
MW-81	Grab	GW		4/12/22	1435	11	x	x	x	x	x	x						02
MW-80	Grab	GW		4/12/22	1525	11	x	x	x	x	x	x						03
MW-79	Grab	GW		4/12/22	1615	11	x	x	x	x	x	x						04

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

Remarks: Shipment #2 Diss. Metals are Field-filtered

pH _____ Temp _____
Flow _____ Other _____

Samples returned via:
__UPS ✓FedEx __Courier _____

Tracking #

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

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: (Yes) / No HCL / MeoH TBR
Scott Ude	4/13/22	0700		2
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: °C Bottles Received: 853
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 4/14/22 Time: 830

If preservation required by Login: Date/Time

Hold: Condition: NCF / OK

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 227932

CONDITIONS

Operator: HF Sinclair Navajo Refining LLC ATTN: GENERAL COUNSEL Dallas, TX 75201	OGRID: 15694
	Action Number: 227932
	Action Type: [UF-DP] Discharge Permit (DISCHARGE PERMIT)

CONDITIONS

Created By	Condition	Condition Date
lbarr	None	10/3/2023