ANALYTICAL REPORT

May 01, 2025

Pace Analytical Services, LLC
2025.05.01 23:20:05 -05'00'
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CTEH - ER

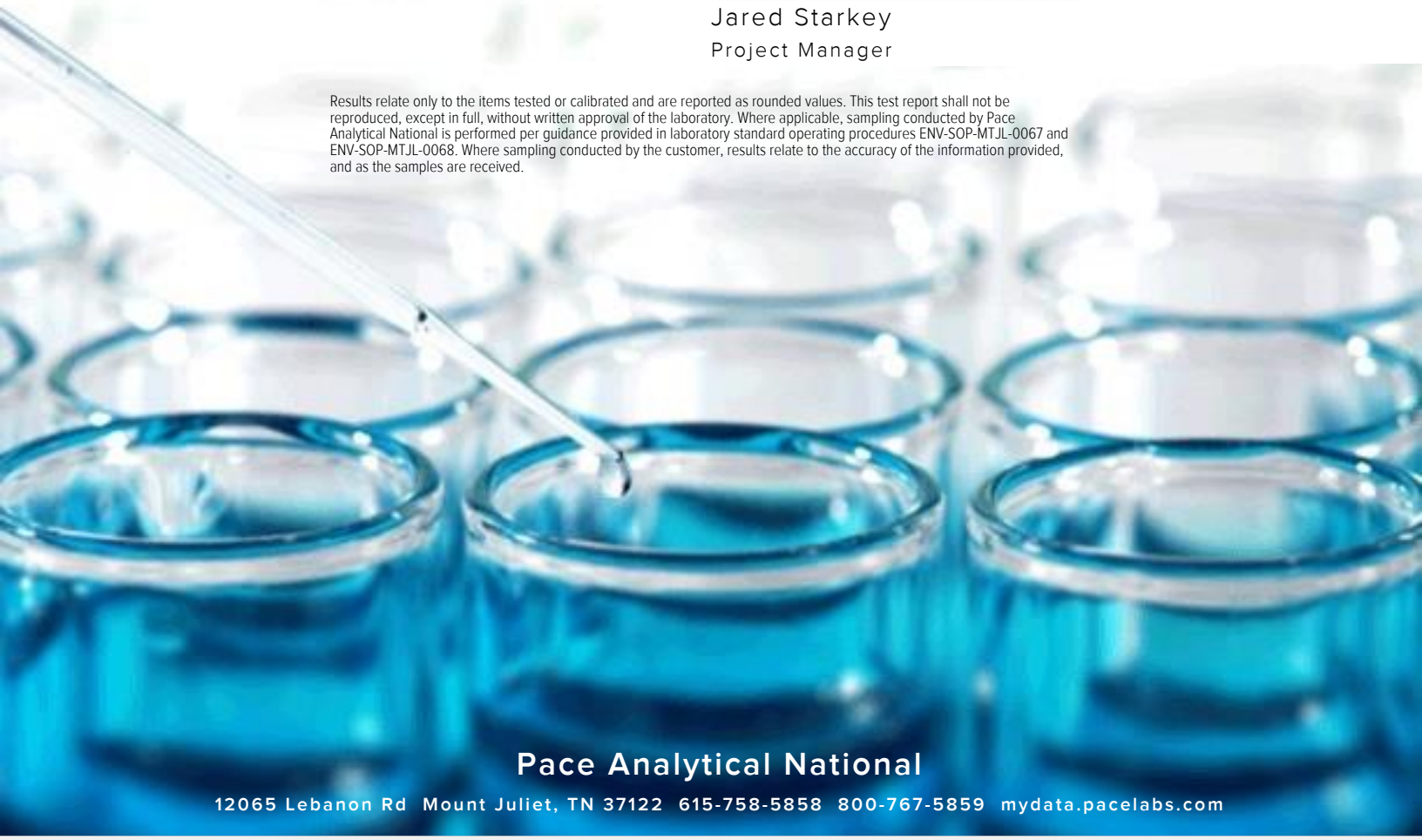
Sample Delivery Group:	L1853245
Samples Received:	04/30/2025
Project Number:	PROJ-054017
Description:	Bishop Loss of Containment Incident

Report To:

CTEH
5120 North Shore Drive
North Little Rock, AR 72118

Entire Report Reviewed By:

Jared Starkey
Project Manager



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

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GACO0429T000S008 L1853245-01 Solid

Collected by: Jennifer Waltz | Collected date/time: 04/29/25 10:02 | Received date/time: 04/30/25 11:20

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2503978	1	04/30/25 18:30	05/01/25 15:37	JDW	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG2503577	1	04/30/25 13:46	04/30/25 14:00	CMB	Mt. Juliet, TN
Wet Chemistry by Method 350.1	WG2504004	1	04/30/25 20:42	04/30/25 22:06	RTW	Mt. Juliet, TN
Wet Chemistry by Method 4500NOrg D-2021	WG2504000	10	04/30/25 20:35	05/01/25 15:37	JDW	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2503978	1	04/30/25 18:30	05/01/25 03:03	ZSA	Mt. Juliet, TN
Wet Chemistry by Method WALKLEY-BLACK	WG2503996	10	04/30/25 17:36	05/01/25 15:31	ARV	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2504027	1	04/30/25 18:10	04/30/25 23:00	MAP	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2503769	1	04/30/25 13:29	04/30/25 18:27	WHS	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2503985	1	04/30/25 18:56	05/01/25 01:47	JRM	Mt. Juliet, TN

GACO0429T000C008 L1853245-02 Solid

Collected by: Jennifer Waltz | Collected date/time: 04/29/25 10:02 | Received date/time: 04/30/25 11:20

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2503978	1	04/30/25 18:30	05/01/25 15:39	JDW	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG2503577	1	04/30/25 13:46	04/30/25 14:00	CMB	Mt. Juliet, TN
Wet Chemistry by Method 350.1	WG2504004	1	04/30/25 20:42	04/30/25 22:08	RTW	Mt. Juliet, TN
Wet Chemistry by Method 4500NOrg D-2021	WG2504000	10	04/30/25 20:35	05/01/25 15:39	JDW	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2503978	1	04/30/25 18:30	05/01/25 03:15	ZSA	Mt. Juliet, TN
Wet Chemistry by Method WALKLEY-BLACK	WG2503996	9	04/30/25 17:36	05/01/25 15:31	ARV	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2504027	1	04/30/25 18:10	04/30/25 23:02	MAP	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2503769	1	04/30/25 13:29	04/30/25 18:46	WHS	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2503985	1	04/30/25 18:56	05/01/25 02:08	JRM	Mt. Juliet, TN

GACO0429T000S009 L1853245-03 Solid

Collected by: Jennifer Waltz | Collected date/time: 04/29/25 09:32 | Received date/time: 04/30/25 11:20

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2503978	1	04/30/25 18:30	05/01/25 15:40	JDW	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG2503577	1	04/30/25 13:46	04/30/25 14:00	CMB	Mt. Juliet, TN
Wet Chemistry by Method 350.1	WG2504004	1	04/30/25 20:42	04/30/25 22:09	RTW	Mt. Juliet, TN
Wet Chemistry by Method 4500NOrg D-2021	WG2504000	10	04/30/25 20:35	05/01/25 15:40	JDW	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2503978	1	04/30/25 18:30	05/01/25 03:28	ZSA	Mt. Juliet, TN
Wet Chemistry by Method WALKLEY-BLACK	WG2503996	9	04/30/25 17:36	05/01/25 15:32	ARV	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2504027	1	04/30/25 18:10	04/30/25 23:04	MAP	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2503769	1	04/30/25 13:29	04/30/25 19:05	WHS	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2503985	2	04/30/25 18:56	05/01/25 02:29	JRM	Mt. Juliet, TN

GACO0429T000T006 L1853245-04 GW

Collected by: Jennifer Waltz | Collected date/time: 04/29/25 07:00 | Received date/time: 04/30/25 11:20

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2503659	1	04/30/25 16:50	04/30/25 16:50	NCD	Mt. Juliet, TN

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

Unless qualified or notated within the narrative below, all sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times. 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.

Jared Starkey
Project Manager

Wet Chemistry by Method 350.1

The sample matrix interfered with the ability to make any accurate determination; spike value is low.

Batch	Lab Sample ID	Analytes
WG2504004	(MS) R4207962-3	Ammonia Nitrogen

Wet Chemistry by Method 4500NOrg D-2021

The sample matrix interfered with the ability to make any accurate determination; spike value is low.

Batch	Lab Sample ID	Analytes
WG2504000	(MS) R4208392-5, (MSD) R4208392-7	Kjeldahl Nitrogen, TKN

The sample concentration is too high to evaluate accurate spike recoveries.

Batch	Lab Sample ID	Analytes
WG2504000	(MS) R4208392-13, (MSD) R4208392-15	Kjeldahl Nitrogen, TKN

Metals (ICP) by Method 6010D

The sample matrix interfered with the ability to make any accurate determination; spike value is high.

Batch	Lab Sample ID	Analytes
WG2504027	(MS) R4208145-5	Aluminum, Magnesium, Manganese and Potassium

The sample matrix interfered with the ability to make any accurate determination; spike value is low.

Batch	Lab Sample ID	Analytes
WG2504027	(MS) R4208145-5, (MSD) R4208145-6	Antimony

The sample concentration is too high to evaluate accurate spike recoveries.

Batch	Lab Sample ID	Analytes
WG2504027	(MS) R4208145-5, (MSD) R4208145-6	Calcium and Iron

The associated batch QC was outside the established quality control range for precision.

Batch	Lab Sample ID	Analytes
WG2504027	(MSD) R4208145-6	Aluminum, Iron and Manganese

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

The reported concentration is an estimate. The continuing calibration standard associated with this data responded low. Method sensitivity check is acceptable.

Batch	Lab Sample ID	Analytes
WG2503659	L1853245-04	Acetone, Naphthalene and Styrene
WG2503769	L1853245-01	Acetone
WG2503769	L1853245-02	Acetone
WG2503769	L1853245-03	Acetone

The associated batch QC was outside the established quality control range for precision.

Batch	Lab Sample ID	Analytes
WG2503659	(LCSD) R4207900-2, L1853245-04	2-Butanone (MEK) and Acetone
WG2503769	(LCSD) R4207932-2, L1853245-01, 02, 03	Chloromethane

The sample matrix interfered with the ability to make any accurate determination; spike value is high.

Batch	Lab Sample ID	Analytes
WG2503659	(MS) R4207900-4, (MSD) R4207900-5	Acrolein and Bromomethane

Semi Volatile Organic Compounds (GC/MS) by Method 8270E

The reported concentration is an estimate. The continuing calibration standard associated with this data responded low. Method sensitivity check is acceptable.

Batch	Lab Sample ID	Analytes
WG2503985	L1853245-01	2,2-Oxybis(1-Chloropropane), 2,4-Dimethylphenol, Bis(2-chloroethyl)ether, Hexachlorocyclopentadiene and n-Nitrosodimethylamine
WG2503985	L1853245-02	2,2-Oxybis(1-Chloropropane), 2,4-Dimethylphenol, Bis(2-chloroethyl)ether, Hexachlorocyclopentadiene and n-Nitrosodimethylamine
WG2503985	L1853245-03	2,2-Oxybis(1-Chloropropane), 2,4-Dimethylphenol, Bis(2-chloroethyl)ether, Hexachlorocyclopentadiene and n-Nitrosodimethylamine

Surrogate recovery limits have been exceeded; values are outside upper control limits.

Batch	Analyte	Lab Sample ID
WG2503985	2,4,6-Tribromophenol	L1853245-03
WG2503985	2-Fluorobiphenyl	L1853245-03
WG2503985	2-Fluorophenol	L1853245-03
WG2503985	p-Terphenyl-d14	L1853245-03

The sample matrix interfered with the ability to make any accurate determination; spike value is low.

Batch	Lab Sample ID	Analytes
WG2503985	(MS) R4207988-3, (MSD) R4207988-4	Hexachlorocyclopentadiene

The associated batch QC was outside the established quality control range for precision.

Batch	Lab Sample ID	Analytes
WG2503985	(MSD) R4207988-4	Hexachlorocyclopentadiene

Calculated Results

Analyte	Result (dry) ug/kg	Qualifier	MDL (dry) ug/kg	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Total Nitrogen	1540000		691	22800	1	05/01/2025 15:37	WG2503978

Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	87.7		1	04/30/2025 14:00	WG2503577

Wet Chemistry by Method 350.1

Analyte	Result (dry) ug/kg	Qualifier	MDL (dry) ug/kg	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Ammonia Nitrogen	U		8200	11400	1	04/30/2025 22:06	WG2504004

Wet Chemistry by Method 4500NOrg D-2021

Analyte	Result (dry) ug/kg	Qualifier	MDL (dry) ug/kg	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Kjeldahl Nitrogen, TKN	1520000		173000	228000	10	05/01/2025 15:37	WG2504000

Wet Chemistry by Method 9056A

Analyte	Result (dry) ug/kg	Qualifier	MDL (dry) ug/kg	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	20600	J	691	22800	1	05/01/2025 03:03	WG2503978

Wet Chemistry by Method WALKLEY-BLACK

Analyte	Result ug/kg	Qualifier	MDL ug/kg	RDL ug/kg	Dilution	Analysis date / time	Batch
TOC By Walkley Black	18200000		255000	1000000	10	05/01/2025 15:31	WG2503996

Metals (ICP) by Method 6010D

Analyte	Result (dry) ug/kg	Qualifier	MDL (dry) ug/kg	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Aluminum	4420000		6930	22800	1	04/30/2025 23:00	WG2504027
Antimony	U		788	2280	1	04/30/2025 23:00	WG2504027
Beryllium	439		54.4	228	1	04/30/2025 23:00	WG2504027
Calcium	2280000		21700	114000	1	04/30/2025 23:00	WG2504027
Cobalt	3360		202	1140	1	04/30/2025 23:00	WG2504027
Iron	6790000		2550	11400	1	04/30/2025 23:00	WG2504027
Magnesium	1730000		22700	114000	1	04/30/2025 23:00	WG2504027
Manganese	185000		197	1140	1	04/30/2025 23:00	WG2504027
Potassium	1920000		23800	114000	1	04/30/2025 23:00	WG2504027
Sodium	107000	J	47000	114000	1	04/30/2025 23:00	WG2504027
Thallium	U		591	2280	1	04/30/2025 23:00	WG2504027
Vanadium	11500		437	2280	1	04/30/2025 23:00	WG2504027

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

Analyte	Result (dry) ug/kg	Qualifier	MDL (dry) ug/kg	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Acetone	U	C3	46.7	64.0	1	04/30/2025 18:27	WG2503769
Acrylonitrile	U		4.62	16.0	1	04/30/2025 18:27	WG2503769
Bromobenzene	U		1.15	16.0	1	04/30/2025 18:27	WG2503769
Bromodichloromethane	U		0.928	3.20	1	04/30/2025 18:27	WG2503769
Bromoform	U		1.50	32.0	1	04/30/2025 18:27	WG2503769
Bromomethane	U		2.52	16.0	1	04/30/2025 18:27	WG2503769

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

Analyte	Result (dry) ug/kg	Qualifier	MDL (dry) ug/kg	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
n-Butylbenzene	U		6.72	16.0	1	04/30/2025 18:27	WG2503769
sec-Butylbenzene	U		3.69	16.0	1	04/30/2025 18:27	WG2503769
tert-Butylbenzene	U		2.50	6.40	1	04/30/2025 18:27	WG2503769
Carbon tetrachloride	U		1.15	6.40	1	04/30/2025 18:27	WG2503769
Chlorobenzene	U		0.269	3.20	1	04/30/2025 18:27	WG2503769
Chlorodibromomethane	U		0.783	3.20	1	04/30/2025 18:27	WG2503769
Chloroethane	U		2.18	6.40	1	04/30/2025 18:27	WG2503769
Chloroform	U		1.32	3.20	1	04/30/2025 18:27	WG2503769
Chloromethane	U	J3	5.57	16.0	1	04/30/2025 18:27	WG2503769
2-Chlorotoluene	U		1.11	3.20	1	04/30/2025 18:27	WG2503769
4-Chlorotoluene	U		0.576	6.40	1	04/30/2025 18:27	WG2503769
1,2-Dibromo-3-Chloropropane	U		4.99	32.0	1	04/30/2025 18:27	WG2503769
1,2-Dibromoethane	U		0.829	3.20	1	04/30/2025 18:27	WG2503769
Dibromomethane	U		0.960	6.40	1	04/30/2025 18:27	WG2503769
1,2-Dichlorobenzene	U		0.544	6.40	1	04/30/2025 18:27	WG2503769
1,3-Dichlorobenzene	U		0.768	6.40	1	04/30/2025 18:27	WG2503769
1,4-Dichlorobenzene	U		0.896	6.40	1	04/30/2025 18:27	WG2503769
Dichlorodifluoromethane	U		2.06	6.40	1	04/30/2025 18:27	WG2503769
1,1-Dichloroethane	U		0.628	3.20	1	04/30/2025 18:27	WG2503769
1,2-Dichloroethane	U		0.831	3.20	1	04/30/2025 18:27	WG2503769
1,1-Dichloroethene	U		0.776	3.20	1	04/30/2025 18:27	WG2503769
cis-1,2-Dichloroethene	U		0.939	3.20	1	04/30/2025 18:27	WG2503769
trans-1,2-Dichloroethene	U		1.33	6.40	1	04/30/2025 18:27	WG2503769
1,2-Dichloropropane	U		1.82	6.40	1	04/30/2025 18:27	WG2503769
1,1-Dichloropropene	U		1.04	3.20	1	04/30/2025 18:27	WG2503769
1,3-Dichloropropane	U		0.641	6.40	1	04/30/2025 18:27	WG2503769
cis-1,3-Dichloropropene	U		0.969	3.20	1	04/30/2025 18:27	WG2503769
trans-1,3-Dichloropropene	U		1.46	6.40	1	04/30/2025 18:27	WG2503769
2,2-Dichloropropane	U		1.77	3.20	1	04/30/2025 18:27	WG2503769
Di-isopropyl ether	U		0.525	1.28	1	04/30/2025 18:27	WG2503769
Hexachloro-1,3-butadiene	U		7.68	32.0	1	04/30/2025 18:27	WG2503769
Isopropylbenzene	U		0.544	3.20	1	04/30/2025 18:27	WG2503769
p-Isopropyltoluene	U		3.26	6.40	1	04/30/2025 18:27	WG2503769
2-Butanone (MEK)	U		81.3	128	1	04/30/2025 18:27	WG2503769
Methylene Chloride	U		8.50	32.0	1	04/30/2025 18:27	WG2503769
4-Methyl-2-pentanone (MIBK)	U		2.92	32.0	1	04/30/2025 18:27	WG2503769
Methyl tert-butyl ether	U		0.448	1.28	1	04/30/2025 18:27	WG2503769
n-Propylbenzene	U		1.22	6.40	1	04/30/2025 18:27	WG2503769
Styrene	U		0.293	16.0	1	04/30/2025 18:27	WG2503769
1,1,1,2-Tetrachloroethane	U		1.21	3.20	1	04/30/2025 18:27	WG2503769
1,1,2,2-Tetrachloroethane	U		0.890	3.20	1	04/30/2025 18:27	WG2503769
1,1,2-Trichlorotrifluoroethane	U		0.965	3.20	1	04/30/2025 18:27	WG2503769
Tetrachloroethene	U		1.15	3.20	1	04/30/2025 18:27	WG2503769
1,2,3-Trichlorobenzene	U		9.38	16.0	1	04/30/2025 18:27	WG2503769
1,2,4-Trichlorobenzene	U		5.63	16.0	1	04/30/2025 18:27	WG2503769
1,1,1-Trichloroethane	U		1.18	3.20	1	04/30/2025 18:27	WG2503769
1,1,2-Trichloroethane	U		0.764	3.20	1	04/30/2025 18:27	WG2503769
Trichloroethene	U		0.748	1.28	1	04/30/2025 18:27	WG2503769
Trichlorofluoromethane	U		1.06	3.20	1	04/30/2025 18:27	WG2503769
1,2,3-Trichloropropane	U		2.07	16.0	1	04/30/2025 18:27	WG2503769
1,2,3-Trimethylbenzene	U		2.02	6.40	1	04/30/2025 18:27	WG2503769
Vinyl chloride	U		1.48	3.20	1	04/30/2025 18:27	WG2503769
(S) Toluene-d8	*104*			*75.0-131*		*04/30/2025 18:27*	WG2503769
(S) 4-Bromofluorobenzene	*101*			*67.0-138*		*04/30/2025 18:27*	WG2503769
(S) 1,2-Dichloroethane-d4	*83.0*			*70.0-130*		*04/30/2025 18:27*	WG2503769

Semi Volatile Organic Compounds (GC/MS) by Method 8270E

Analyte	Result (dry) ug/kg	Qualifier	MDL (dry) ug/kg	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Acenaphthylene	U		5.35	38.0	1	05/01/2025 01:47	WG2503985
Benzidine	U		71.4	1900	1	05/01/2025 01:47	WG2503985
Benzo(g,h,i)perylene	U		6.94	38.0	1	05/01/2025 01:47	WG2503985
Bis(2-chlorethoxy)methane	U		11.4	380	1	05/01/2025 01:47	WG2503985
Bis(2-chloroethyl)ether	U	C3	12.5	380	1	05/01/2025 01:47	WG2503985
2,2-Oxybis(1-Chloropropane)	U	C3	16.4	380	1	05/01/2025 01:47	WG2503985
4-Bromophenyl-phenylether	U		13.3	380	1	05/01/2025 01:47	WG2503985
2-Chloronaphthalene	U		6.67	38.0	1	05/01/2025 01:47	WG2503985
4-Chlorophenyl-phenylether	U		13.2	380	1	05/01/2025 01:47	WG2503985
1,2-Dichlorobenzene	U		11.3	380	1	05/01/2025 01:47	WG2503985
1,3-Dichlorobenzene	U		11.5	380	1	05/01/2025 01:47	WG2503985
1,4-Dichlorobenzene	U		11.3	380	1	05/01/2025 01:47	WG2503985
3,3-Dichlorobenzidine	U		14.0	380	1	05/01/2025 01:47	WG2503985
2,4-Dinitrotoluene	U		10.9	380	1	05/01/2025 01:47	WG2503985
2,6-Dinitrotoluene	U		12.4	380	1	05/01/2025 01:47	WG2503985
Hexachlorobenzene	U		13.5	380	1	05/01/2025 01:47	WG2503985
Hexachloro-1,3-butadiene	U		12.8	380	1	05/01/2025 01:47	WG2503985
Hexachlorocyclopentadiene	U	C3	19.9	380	1	05/01/2025 01:47	WG2503985
Hexachloroethane	U		14.9	380	1	05/01/2025 01:47	WG2503985
Isophorone	U		11.6	380	1	05/01/2025 01:47	WG2503985
Nitrobenzene	U		13.2	380	1	05/01/2025 01:47	WG2503985
n-Nitrosodimethylamine	U	C3	56.3	380	1	05/01/2025 01:47	WG2503985
n-Nitrosodiphenylamine	U		28.7	380	1	05/01/2025 01:47	WG2503985
n-Nitrosodi-n-propylamine	U		12.7	380	1	05/01/2025 01:47	WG2503985
Phenanthrene	U		7.54	38.0	1	05/01/2025 01:47	WG2503985
Benzylbutyl phthalate	U		11.9	380	1	05/01/2025 01:47	WG2503985
Bis(2-ethylhexyl)phthalate	U		48.1	380	1	05/01/2025 01:47	WG2503985
Di-n-butyl phthalate	U		13.0	380	1	05/01/2025 01:47	WG2503985
Diethyl phthalate	U		12.5	380	1	05/01/2025 01:47	WG2503985
Dimethyl phthalate	U		80.5	380	1	05/01/2025 01:47	WG2503985
Di-n-octyl phthalate	U		25.6	380	1	05/01/2025 01:47	WG2503985
1,2,4-Trichlorobenzene	U		11.9	380	1	05/01/2025 01:47	WG2503985
4-Chloro-3-methylphenol	U		12.3	380	1	05/01/2025 01:47	WG2503985
2-Chlorophenol	U		12.5	380	1	05/01/2025 01:47	WG2503985
2,4-Dichlorophenol	U		11.1	380	1	05/01/2025 01:47	WG2503985
2,4-Dimethylphenol	U	C3	9.92	380	1	05/01/2025 01:47	WG2503985
4,6-Dinitro-2-methylphenol	U		86.1	380	1	05/01/2025 01:47	WG2503985
2,4-Dinitrophenol	U		88.8	380	1	05/01/2025 01:47	WG2503985
2-Nitrophenol	U		13.6	380	1	05/01/2025 01:47	WG2503985
4-Nitrophenol	U		11.9	380	1	05/01/2025 01:47	WG2503985
Pentachlorophenol	U		10.2	380	1	05/01/2025 01:47	WG2503985
Phenol	U		15.3	380	1	05/01/2025 01:47	WG2503985
2,4,6-Trichlorophenol	U		12.2	380	1	05/01/2025 01:47	WG2503985
(S) 2-Fluorophenol	*88.0*			*12.0-120*		*05/01/2025 01:47*	WG2503985
(S) Phenol-d5	*77.3*			*10.0-120*		*05/01/2025 01:47*	WG2503985
(S) Nitrobenzene-d5	*75.6*			*10.0-122*		*05/01/2025 01:47*	WG2503985
(S) 2-Fluorobiphenyl	*81.3*			*15.0-120*		*05/01/2025 01:47*	WG2503985
(S) 2,4,6-Tribromophenol	*89.2*			*10.0-127*		*05/01/2025 01:47*	WG2503985
(S) p-Terphenyl-d14	*95.5*			*10.0-120*		*05/01/2025 01:47*	WG2503985

Calculated Results

Analyte	Result (dry) ug/kg	Qualifier	MDL (dry) ug/kg	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Total Nitrogen	1430000		692	22800	1	05/01/2025 15:39	WG2503978

Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	87.6		1	04/30/2025 14:00	WG2503577

Wet Chemistry by Method 350.1

Analyte	Result (dry) ug/kg	Qualifier	MDL (dry) ug/kg	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Ammonia Nitrogen	U		8210	11400	1	04/30/2025 22:08	WG2504004

Wet Chemistry by Method 4500NOrg D-2021

Analyte	Result (dry) ug/kg	Qualifier	MDL (dry) ug/kg	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Kjeldahl Nitrogen, TKN	1410000		174000	228000	10	05/01/2025 15:39	WG2504000

Wet Chemistry by Method 9056A

Analyte	Result (dry) ug/kg	Qualifier	MDL (dry) ug/kg	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	13900	J	692	22800	1	05/01/2025 03:15	WG2503978

Wet Chemistry by Method WALKLEY-BLACK

Analyte	Result ug/kg	Qualifier	MDL ug/kg	RDL ug/kg	Dilution	Analysis date / time	Batch
TOC By Walkley Black	18900000		230000	900000	9	05/01/2025 15:31	WG2503996

Metals (ICP) by Method 6010D

Analyte	Result (dry) ug/kg	Qualifier	MDL (dry) ug/kg	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Aluminum	4290000		6940	22800	1	04/30/2025 23:02	WG2504027
Antimony	U		789	2280	1	04/30/2025 23:02	WG2504027
Beryllium	442		54.5	228	1	04/30/2025 23:02	WG2504027
Calcium	2040000		21700	114000	1	04/30/2025 23:02	WG2504027
Cobalt	3280		202	1140	1	04/30/2025 23:02	WG2504027
Iron	7520000		2560	11400	1	04/30/2025 23:02	WG2504027
Magnesium	1620000		22700	114000	1	04/30/2025 23:02	WG2504027
Manganese	189000		198	1140	1	04/30/2025 23:02	WG2504027
Potassium	1790000		23900	114000	1	04/30/2025 23:02	WG2504027
Sodium	96000	J	47100	114000	1	04/30/2025 23:02	WG2504027
Thallium	U		592	2280	1	04/30/2025 23:02	WG2504027
Vanadium	13000		437	2280	1	04/30/2025 23:02	WG2504027

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

Analyte	Result (dry) ug/kg	Qualifier	MDL (dry) ug/kg	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Acetone	U	C3	46.9	64.2	1	04/30/2025 18:46	WG2503769
Acrylonitrile	U		4.64	16.1	1	04/30/2025 18:46	WG2503769
Bromobenzene	U		1.16	16.1	1	04/30/2025 18:46	WG2503769
Bromodichloromethane	U		0.932	3.21	1	04/30/2025 18:46	WG2503769
Bromoform	U		1.50	32.1	1	04/30/2025 18:46	WG2503769
Bromomethane	U		2.53	16.1	1	04/30/2025 18:46	WG2503769

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

Analyte	Result (dry) ug/kg	Qualifier	MDL (dry) ug/kg	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
n-Butylbenzene	U		6.75	16.1	1	04/30/2025 18:46	WG2503769
sec-Butylbenzene	U		3.70	16.1	1	04/30/2025 18:46	WG2503769
tert-Butylbenzene	U		2.51	6.42	1	04/30/2025 18:46	WG2503769
Carbon tetrachloride	U		1.15	6.42	1	04/30/2025 18:46	WG2503769
Chlorobenzene	U		0.270	3.21	1	04/30/2025 18:46	WG2503769
Chlorodibromomethane	U		0.786	3.21	1	04/30/2025 18:46	WG2503769
Chloroethane	U		2.18	6.42	1	04/30/2025 18:46	WG2503769
Chloroform	U		1.32	3.21	1	04/30/2025 18:46	WG2503769
Chloromethane	U	J3	5.59	16.1	1	04/30/2025 18:46	WG2503769
2-Chlorotoluene	U		1.11	3.21	1	04/30/2025 18:46	WG2503769
4-Chlorotoluene	U		0.578	6.42	1	04/30/2025 18:46	WG2503769
1,2-Dibromo-3-Chloropropane	U		5.01	32.1	1	04/30/2025 18:46	WG2503769
1,2-Dibromoethane	U		0.833	3.21	1	04/30/2025 18:46	WG2503769
Dibromomethane	U		0.964	6.42	1	04/30/2025 18:46	WG2503769
1,2-Dichlorobenzene	U		0.546	6.42	1	04/30/2025 18:46	WG2503769
1,3-Dichlorobenzene	U		0.771	6.42	1	04/30/2025 18:46	WG2503769
1,4-Dichlorobenzene	U		0.899	6.42	1	04/30/2025 18:46	WG2503769
Dichlorodifluoromethane	U		2.07	6.42	1	04/30/2025 18:46	WG2503769
1,1-Dichloroethane	U		0.631	3.21	1	04/30/2025 18:46	WG2503769
1,2-Dichloroethane	U		0.834	3.21	1	04/30/2025 18:46	WG2503769
1,1-Dichloroethene	U		0.779	3.21	1	04/30/2025 18:46	WG2503769
cis-1,2-Dichloroethene	U		0.943	3.21	1	04/30/2025 18:46	WG2503769
trans-1,2-Dichloroethene	U		1.34	6.42	1	04/30/2025 18:46	WG2503769
1,2-Dichloropropane	U		1.82	6.42	1	04/30/2025 18:46	WG2503769
1,1-Dichloropropene	U		1.04	3.21	1	04/30/2025 18:46	WG2503769
1,3-Dichloropropane	U		0.644	6.42	1	04/30/2025 18:46	WG2503769
cis-1,3-Dichloropropene	U		0.973	3.21	1	04/30/2025 18:46	WG2503769
trans-1,3-Dichloropropene	U		1.46	6.42	1	04/30/2025 18:46	WG2503769
2,2-Dichloropropane	U		1.77	3.21	1	04/30/2025 18:46	WG2503769
Di-isopropyl ether	U		0.527	1.28	1	04/30/2025 18:46	WG2503769
Hexachloro-1,3-butadiene	U		7.71	32.1	1	04/30/2025 18:46	WG2503769
Isopropylbenzene	U		0.546	3.21	1	04/30/2025 18:46	WG2503769
p-Isopropyltoluene	U		3.28	6.42	1	04/30/2025 18:46	WG2503769
2-Butanone (MEK)	U		81.6	128	1	04/30/2025 18:46	WG2503769
Methylene Chloride	U		8.53	32.1	1	04/30/2025 18:46	WG2503769
4-Methyl-2-pentanone (MIBK)	U		2.93	32.1	1	04/30/2025 18:46	WG2503769
Methyl tert-butyl ether	U		0.450	1.28	1	04/30/2025 18:46	WG2503769
n-Propylbenzene	U		1.22	6.42	1	04/30/2025 18:46	WG2503769
Styrene	U		0.294	16.1	1	04/30/2025 18:46	WG2503769
1,1,1,2-Tetrachloroethane	U		1.22	3.21	1	04/30/2025 18:46	WG2503769
1,1,2,2-Tetrachloroethane	U		0.893	3.21	1	04/30/2025 18:46	WG2503769
1,1,2-Trichlorotrifluoroethane	U		0.969	3.21	1	04/30/2025 18:46	WG2503769
Tetrachloroethene	U		1.15	3.21	1	04/30/2025 18:46	WG2503769
1,2,3-Trichlorobenzene	U		9.42	16.1	1	04/30/2025 18:46	WG2503769
1,2,4-Trichlorobenzene	U		5.65	16.1	1	04/30/2025 18:46	WG2503769
1,1,1-Trichloroethane	U		1.19	3.21	1	04/30/2025 18:46	WG2503769
1,1,2-Trichloroethane	U		0.767	3.21	1	04/30/2025 18:46	WG2503769
Trichloroethene	U		0.750	1.28	1	04/30/2025 18:46	WG2503769
Trichlorofluoromethane	U		1.06	3.21	1	04/30/2025 18:46	WG2503769
1,2,3-Trichloropropane	U		2.08	16.1	1	04/30/2025 18:46	WG2503769
1,2,3-Trimethylbenzene	U		2.03	6.42	1	04/30/2025 18:46	WG2503769
Vinyl chloride	U		1.49	3.21	1	04/30/2025 18:46	WG2503769
(S) Toluene-d8	*102*			*75.0-131*		*04/30/2025 18:46*	WG2503769
(S) 4-Bromofluorobenzene	*99.9*			*67.0-138*		*04/30/2025 18:46*	WG2503769
(S) 1,2-Dichloroethane-d4	*93.6*			*70.0-130*		*04/30/2025 18:46*	WG2503769

Semi Volatile Organic Compounds (GC/MS) by Method 8270E

Analyte	Result (dry) ug/kg	Qualifier	MDL (dry) ug/kg	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Acenaphthylene	U		5.36	38.0	1	05/01/2025 02:08	WG2503985
Benzidine	U		71.5	1910	1	05/01/2025 02:08	WG2503985
Benzo(g,h,i)perylene	U		6.96	38.0	1	05/01/2025 02:08	WG2503985
Bis(2-chlorethoxy)methane	U		11.4	380	1	05/01/2025 02:08	WG2503985
Bis(2-chloroethyl)ether	U	C3	12.6	380	1	05/01/2025 02:08	WG2503985
2,2-Oxybis(1-Chloropropane)	U	C3	16.4	380	1	05/01/2025 02:08	WG2503985
4-Bromophenyl-phenylether	U		13.4	380	1	05/01/2025 02:08	WG2503985
2-Chloronaphthalene	U		6.68	38.0	1	05/01/2025 02:08	WG2503985
4-Chlorophenyl-phenylether	U		13.2	380	1	05/01/2025 02:08	WG2503985
1,2-Dichlorobenzene	U		11.3	380	1	05/01/2025 02:08	WG2503985
1,3-Dichlorobenzene	U		11.5	380	1	05/01/2025 02:08	WG2503985
1,4-Dichlorobenzene	U		11.3	380	1	05/01/2025 02:08	WG2503985
3,3-Dichlorobenzidine	U		14.0	380	1	05/01/2025 02:08	WG2503985
2,4-Dinitrotoluene	U		10.9	380	1	05/01/2025 02:08	WG2503985
2,6-Dinitrotoluene	U		12.4	380	1	05/01/2025 02:08	WG2503985
Hexachlorobenzene	U		13.5	380	1	05/01/2025 02:08	WG2503985
Hexachloro-1,3-butadiene	U		12.8	380	1	05/01/2025 02:08	WG2503985
Hexachlorocyclopentadiene	U	C3	20.0	380	1	05/01/2025 02:08	WG2503985
Hexachloroethane	U		15.0	380	1	05/01/2025 02:08	WG2503985
Isophorone	U		11.6	380	1	05/01/2025 02:08	WG2503985
Nitrobenzene	U		13.2	380	1	05/01/2025 02:08	WG2503985
n-Nitrosodimethylamine	U	C3	56.4	380	1	05/01/2025 02:08	WG2503985
n-Nitrosodiphenylamine	U		28.8	380	1	05/01/2025 02:08	WG2503985
n-Nitrosodi-n-propylamine	U		12.7	380	1	05/01/2025 02:08	WG2503985
Phenanthrene	U		7.55	38.0	1	05/01/2025 02:08	WG2503985
Benzylbutyl phthalate	U		11.9	380	1	05/01/2025 02:08	WG2503985
Bis(2-ethylhexyl)phthalate	U		48.2	380	1	05/01/2025 02:08	WG2503985
Di-n-butyl phthalate	U		13.0	380	1	05/01/2025 02:08	WG2503985
Diethyl phthalate	U		12.6	380	1	05/01/2025 02:08	WG2503985
Dimethyl phthalate	U		80.6	380	1	05/01/2025 02:08	WG2503985
Di-n-octyl phthalate	U		25.7	380	1	05/01/2025 02:08	WG2503985
1,2,4-Trichlorobenzene	U		11.9	380	1	05/01/2025 02:08	WG2503985
4-Chloro-3-methylphenol	U		12.3	380	1	05/01/2025 02:08	WG2503985
2-Chlorophenol	U		12.6	380	1	05/01/2025 02:08	WG2503985
2,4-Dichlorophenol	U		11.1	380	1	05/01/2025 02:08	WG2503985
2,4-Dimethylphenol	U	C3	9.94	380	1	05/01/2025 02:08	WG2503985
4,6-Dinitro-2-methylphenol	U		86.2	380	1	05/01/2025 02:08	WG2503985
2,4-Dinitrophenol	U		89.0	380	1	05/01/2025 02:08	WG2503985
2-Nitrophenol	U		13.6	380	1	05/01/2025 02:08	WG2503985
4-Nitrophenol	U		11.9	380	1	05/01/2025 02:08	WG2503985
Pentachlorophenol	U		10.2	380	1	05/01/2025 02:08	WG2503985
Phenol	U		15.3	380	1	05/01/2025 02:08	WG2503985
2,4,6-Trichlorophenol	U		12.2	380	1	05/01/2025 02:08	WG2503985
(S) 2-Fluorophenol	*78.2*			*12.0-120*		*05/01/2025 02:08*	WG2503985
(S) Phenol-d5	*68.0*			*10.0-120*		*05/01/2025 02:08*	WG2503985
(S) Nitrobenzene-d5	*68.0*			*10.0-122*		*05/01/2025 02:08*	WG2503985
(S) 2-Fluorobiphenyl	*73.7*			*15.0-120*		*05/01/2025 02:08*	WG2503985
(S) 2,4,6-Tribromophenol	*80.7*			*10.0-127*		*05/01/2025 02:08*	WG2503985
(S) p-Terphenyl-d14	*87.3*			*10.0-120*		*05/01/2025 02:08*	WG2503985

Calculated Results

Analyte	Result (dry) ug/kg	Qualifier	MDL (dry) ug/kg	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Total Nitrogen	2250000		662	21900	1	05/01/2025 15:40	WG2503978

Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	91.5		1	04/30/2025 14:00	WG2503577

Wet Chemistry by Method 350.1

Analyte	Result (dry) ug/kg	Qualifier	MDL (dry) ug/kg	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Ammonia Nitrogen	U		7860	10900	1	04/30/2025 22:09	WG2504004

Wet Chemistry by Method 4500NOrg D-2021

Analyte	Result (dry) ug/kg	Qualifier	MDL (dry) ug/kg	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Kjeldahl Nitrogen, TKN	2220000		166000	219000	10	05/01/2025 15:40	WG2504000

Wet Chemistry by Method 9056A

Analyte	Result (dry) ug/kg	Qualifier	MDL (dry) ug/kg	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	30000		662	21900	1	05/01/2025 03:28	WG2503978

Wet Chemistry by Method WALKLEY-BLACK

Analyte	Result ug/kg	Qualifier	MDL ug/kg	RDL ug/kg	Dilution	Analysis date / time	Batch
TOC By Walkley Black	26000000		230000	900000	9	05/01/2025 15:32	WG2503996

Metals (ICP) by Method 6010D

Analyte	Result (dry) ug/kg	Qualifier	MDL (dry) ug/kg	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Aluminum	3190000		6640	21900	1	04/30/2025 23:04	WG2504027
Antimony	U		755	2190	1	04/30/2025 23:04	WG2504027
Beryllium	366		52.1	219	1	04/30/2025 23:04	WG2504027
Calcium	4020000		20800	109000	1	04/30/2025 23:04	WG2504027
Cobalt	2830		193	1090	1	04/30/2025 23:04	WG2504027
Iron	5110000		2450	10900	1	04/30/2025 23:04	WG2504027
Magnesium	1830000		21700	109000	1	04/30/2025 23:04	WG2504027
Manganese	178000		189	1090	1	04/30/2025 23:04	WG2504027
Potassium	2070000		22800	109000	1	04/30/2025 23:04	WG2504027
Sodium	146000		45000	109000	1	04/30/2025 23:04	WG2504027
Thallium	U		566	2190	1	04/30/2025 23:04	WG2504027
Vanadium	9110		419	2190	1	04/30/2025 23:04	WG2504027

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

Analyte	Result (dry) ug/kg	Qualifier	MDL (dry) ug/kg	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Acetone	U	C3	43.3	59.3	1	04/30/2025 19:05	WG2503769
Acrylonitrile	U		4.28	14.8	1	04/30/2025 19:05	WG2503769
Bromobenzene	U		1.07	14.8	1	04/30/2025 19:05	WG2503769
Bromodichloromethane	U		0.860	2.96	1	04/30/2025 19:05	WG2503769
Bromoform	U		1.39	29.6	1	04/30/2025 19:05	WG2503769
Bromomethane	U		2.34	14.8	1	04/30/2025 19:05	WG2503769

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

Analyte	Result (dry) ug/kg	Qualifier	MDL (dry) ug/kg	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
n-Butylbenzene	U		6.23	14.8	1	04/30/2025 19:05	WG2503769
sec-Butylbenzene	U		3.42	14.8	1	04/30/2025 19:05	WG2503769
tert-Butylbenzene	U		2.31	5.93	1	04/30/2025 19:05	WG2503769
Carbon tetrachloride	U		1.06	5.93	1	04/30/2025 19:05	WG2503769
Chlorobenzene	U		0.249	2.96	1	04/30/2025 19:05	WG2503769
Chlorodibromomethane	U		0.726	2.96	1	04/30/2025 19:05	WG2503769
Chloroethane	U		2.02	5.93	1	04/30/2025 19:05	WG2503769
Chloroform	U		1.22	2.96	1	04/30/2025 19:05	WG2503769
Chloromethane	U	J3	5.16	14.8	1	04/30/2025 19:05	WG2503769
2-Chlorotoluene	U		1.03	2.96	1	04/30/2025 19:05	WG2503769
4-Chlorotoluene	U		0.534	5.93	1	04/30/2025 19:05	WG2503769
1,2-Dibromo-3-Chloropropane	U		4.63	29.6	1	04/30/2025 19:05	WG2503769
1,2-Dibromoethane	U		0.768	2.96	1	04/30/2025 19:05	WG2503769
Dibromomethane	U		0.889	5.93	1	04/30/2025 19:05	WG2503769
1,2-Dichlorobenzene	U		0.504	5.93	1	04/30/2025 19:05	WG2503769
1,3-Dichlorobenzene	U		0.712	5.93	1	04/30/2025 19:05	WG2503769
1,4-Dichlorobenzene	U		0.830	5.93	1	04/30/2025 19:05	WG2503769
Dichlorodifluoromethane	U		1.91	5.93	1	04/30/2025 19:05	WG2503769
1,1-Dichloroethane	U		0.582	2.96	1	04/30/2025 19:05	WG2503769
1,2-Dichloroethane	U		0.770	2.96	1	04/30/2025 19:05	WG2503769
1,1-Dichloroethene	U		0.719	2.96	1	04/30/2025 19:05	WG2503769
cis-1,2-Dichloroethene	U		0.870	2.96	1	04/30/2025 19:05	WG2503769
trans-1,2-Dichloroethene	U		1.23	5.93	1	04/30/2025 19:05	WG2503769
1,2-Dichloropropane	U		1.68	5.93	1	04/30/2025 19:05	WG2503769
1,1-Dichloropropene	U		0.959	2.96	1	04/30/2025 19:05	WG2503769
1,3-Dichloropropane	U		0.594	5.93	1	04/30/2025 19:05	WG2503769
cis-1,3-Dichloropropene	U		0.898	2.96	1	04/30/2025 19:05	WG2503769
trans-1,3-Dichloropropene	U		1.35	5.93	1	04/30/2025 19:05	WG2503769
2,2-Dichloropropane	U		1.64	2.96	1	04/30/2025 19:05	WG2503769
Di-isopropyl ether	U		0.486	1.19	1	04/30/2025 19:05	WG2503769
Hexachloro-1,3-butadiene	U		7.12	29.6	1	04/30/2025 19:05	WG2503769
Isopropylbenzene	U		0.504	2.96	1	04/30/2025 19:05	WG2503769
p-Isopropyltoluene	U		3.02	5.93	1	04/30/2025 19:05	WG2503769
2-Butanone (MEK)	U		75.3	119	1	04/30/2025 19:05	WG2503769
Methylene Chloride	U		7.87	29.6	1	04/30/2025 19:05	WG2503769
4-Methyl-2-pentanone (MIBK)	U		2.70	29.6	1	04/30/2025 19:05	WG2503769
Methyl tert-butyl ether	U		0.415	1.19	1	04/30/2025 19:05	WG2503769
n-Propylbenzene	U		1.13	5.93	1	04/30/2025 19:05	WG2503769
Styrene	U		0.272	14.8	1	04/30/2025 19:05	WG2503769
1,1,1,2-Tetrachloroethane	U		1.12	2.96	1	04/30/2025 19:05	WG2503769
1,1,2,2-Tetrachloroethane	U		0.824	2.96	1	04/30/2025 19:05	WG2503769
1,1,2-Trichlorotrifluoroethane	U		0.894	2.96	1	04/30/2025 19:05	WG2503769
Tetrachloroethene	U		1.06	2.96	1	04/30/2025 19:05	WG2503769
1,2,3-Trichlorobenzene	U		8.69	14.8	1	04/30/2025 19:05	WG2503769
1,2,4-Trichlorobenzene	U		5.22	14.8	1	04/30/2025 19:05	WG2503769
1,1,1-Trichloroethane	U		1.09	2.96	1	04/30/2025 19:05	WG2503769
1,1,2-Trichloroethane	U		0.708	2.96	1	04/30/2025 19:05	WG2503769
Trichloroethene	U		0.693	1.19	1	04/30/2025 19:05	WG2503769
Trichlorofluoromethane	U		0.981	2.96	1	04/30/2025 19:05	WG2503769
1,2,3-Trichloropropane	U		1.92	14.8	1	04/30/2025 19:05	WG2503769
1,2,3-Trimethylbenzene	U		1.87	5.93	1	04/30/2025 19:05	WG2503769
Vinyl chloride	U		1.38	2.96	1	04/30/2025 19:05	WG2503769
(S) Toluene-d8	*104*			*75.0-131*		*04/30/2025 19:05*	WG2503769
(S) 4-Bromofluorobenzene	*99.1*			*67.0-138*		*04/30/2025 19:05*	WG2503769
(S) 1,2-Dichloroethane-d4	*83.9*			*70.0-130*		*04/30/2025 19:05*	WG2503769

Semi Volatile Organic Compounds (GC/MS) by Method 8270E

Analyte	Result (dry) ug/kg	Qualifier	MDL (dry) ug/kg	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Acenaphthylene	U		10.2	72.8	2	05/01/2025 02:29	WG2503985
Benzidine	U		137	3650	2	05/01/2025 02:29	WG2503985
Benzo(g,h,i)perylene	U		13.3	72.8	2	05/01/2025 02:29	WG2503985
Bis(2-chlorethoxy)methane	U		21.9	728	2	05/01/2025 02:29	WG2503985
Bis(2-chloroethyl)ether	U	C3	24.0	728	2	05/01/2025 02:29	WG2503985
2,2-Oxybis(1-Chloropropane)	U	C3	31.5	728	2	05/01/2025 02:29	WG2503985
4-Bromophenyl-phenylether	U		25.6	728	2	05/01/2025 02:29	WG2503985
2-Chloronaphthalene	U		12.8	72.8	2	05/01/2025 02:29	WG2503985
4-Chlorophenyl-phenylether	U		25.4	728	2	05/01/2025 02:29	WG2503985
1,2-Dichlorobenzene	U		21.5	728	2	05/01/2025 02:29	WG2503985
1,3-Dichlorobenzene	U		22.1	728	2	05/01/2025 02:29	WG2503985
1,4-Dichlorobenzene	U		21.6	728	2	05/01/2025 02:29	WG2503985
3,3-Dichlorobenzidine	U		26.9	728	2	05/01/2025 02:29	WG2503985
2,4-Dinitrotoluene	U		20.9	728	2	05/01/2025 02:29	WG2503985
2,6-Dinitrotoluene	U		23.8	728	2	05/01/2025 02:29	WG2503985
Hexachlorobenzene	U		25.8	728	2	05/01/2025 02:29	WG2503985
Hexachloro-1,3-butadiene	U		24.5	728	2	05/01/2025 02:29	WG2503985
Hexachlorocyclopentadiene	U	C3	38.2	728	2	05/01/2025 02:29	WG2503985
Hexachloroethane	U		28.6	728	2	05/01/2025 02:29	WG2503985
Isophorone	U		22.3	728	2	05/01/2025 02:29	WG2503985
Nitrobenzene	U		25.4	728	2	05/01/2025 02:29	WG2503985
n-Nitrosodimethylamine	U	C3	108	728	2	05/01/2025 02:29	WG2503985
n-Nitrosodiphenylamine	U		55.1	728	2	05/01/2025 02:29	WG2503985
n-Nitrosodi-n-propylamine	U		24.3	728	2	05/01/2025 02:29	WG2503985
Phenanthrene	U		14.4	72.8	2	05/01/2025 02:29	WG2503985
Benzylbutyl phthalate	U		22.7	728	2	05/01/2025 02:29	WG2503985
Bis(2-ethylhexyl)phthalate	U		92.2	728	2	05/01/2025 02:29	WG2503985
Di-n-butyl phthalate	U		24.9	728	2	05/01/2025 02:29	WG2503985
Diethyl phthalate	U		24.0	728	2	05/01/2025 02:29	WG2503985
Dimethyl phthalate	U		154	728	2	05/01/2025 02:29	WG2503985
Di-n-octyl phthalate	U		49.2	728	2	05/01/2025 02:29	WG2503985
1,2,4-Trichlorobenzene	U		22.7	728	2	05/01/2025 02:29	WG2503985
4-Chloro-3-methylphenol	U		23.6	728	2	05/01/2025 02:29	WG2503985
2-Chlorophenol	U		24.0	728	2	05/01/2025 02:29	WG2503985
2,4-Dichlorophenol	U		21.2	728	2	05/01/2025 02:29	WG2503985
2,4-Dimethylphenol	U	C3	19.0	728	2	05/01/2025 02:29	WG2503985
4,6-Dinitro-2-methylphenol	U		165	728	2	05/01/2025 02:29	WG2503985
2,4-Dinitrophenol	U		170	728	2	05/01/2025 02:29	WG2503985
2-Nitrophenol	U		26.0	728	2	05/01/2025 02:29	WG2503985
4-Nitrophenol	U		22.7	728	2	05/01/2025 02:29	WG2503985
Pentachlorophenol	U		19.6	728	2	05/01/2025 02:29	WG2503985
Phenol	U		29.3	728	2	05/01/2025 02:29	WG2503985
2,4,6-Trichlorophenol	U		23.4	728	2	05/01/2025 02:29	WG2503985
(S) 2-Fluorophenol	*135*	J1		*12.0-120*		*05/01/2025 02:29*	WG2503985
(S) Phenol-d5	*111*			*10.0-120*		*05/01/2025 02:29*	WG2503985
(S) Nitrobenzene-d5	*116*			*10.0-122*		*05/01/2025 02:29*	WG2503985
(S) 2-Fluorobiphenyl	*128*	J1		*15.0-120*		*05/01/2025 02:29*	WG2503985
(S) 2,4,6-Tribromophenol	*148*	J1		*10.0-127*		*05/01/2025 02:29*	WG2503985
(S) p-Terphenyl-d14	*144*	J1		*10.0-120*		*05/01/2025 02:29*	WG2503985

Sample Narrative:

L1853245-03 WG2503985: Dilution due to matrix impact during extraction procedure

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U	C3 J3	11.3	50.0	1	04/30/2025 16:50	WG2503659
Acrolein	U		2.54	50.0	1	04/30/2025 16:50	WG2503659
Acrylonitrile	U		0.671	10.0	1	04/30/2025 16:50	WG2503659
Benzene	U		0.0941	1.00	1	04/30/2025 16:50	WG2503659
Bromobenzene	U		0.118	1.00	1	04/30/2025 16:50	WG2503659
Bromodichloromethane	U		0.136	1.00	1	04/30/2025 16:50	WG2503659
Bromoform	U		0.129	1.00	1	04/30/2025 16:50	WG2503659
Bromomethane	U		0.605	5.00	1	04/30/2025 16:50	WG2503659
n-Butylbenzene	U		0.157	1.00	1	04/30/2025 16:50	WG2503659
sec-Butylbenzene	U		0.125	1.00	1	04/30/2025 16:50	WG2503659
tert-Butylbenzene	U		0.127	1.00	1	04/30/2025 16:50	WG2503659
Carbon tetrachloride	U		0.128	1.00	1	04/30/2025 16:50	WG2503659
Chlorobenzene	U		0.116	1.00	1	04/30/2025 16:50	WG2503659
Chlorodibromomethane	U		0.140	1.00	1	04/30/2025 16:50	WG2503659
Chloroethane	U		0.192	5.00	1	04/30/2025 16:50	WG2503659
Chloroform	U		0.111	5.00	1	04/30/2025 16:50	WG2503659
Chloromethane	U		0.960	2.50	1	04/30/2025 16:50	WG2503659
2-Chlorotoluene	U		0.106	1.00	1	04/30/2025 16:50	WG2503659
4-Chlorotoluene	U		0.114	1.00	1	04/30/2025 16:50	WG2503659
1,2-Dibromo-3-Chloropropane	U		0.276	5.00	1	04/30/2025 16:50	WG2503659
1,2-Dibromoethane	U		0.126	1.00	1	04/30/2025 16:50	WG2503659
Dibromomethane	U		0.122	1.00	1	04/30/2025 16:50	WG2503659
1,2-Dichlorobenzene	U		0.107	1.00	1	04/30/2025 16:50	WG2503659
1,3-Dichlorobenzene	U		0.110	1.00	1	04/30/2025 16:50	WG2503659
1,4-Dichlorobenzene	U		0.120	1.00	1	04/30/2025 16:50	WG2503659
Dichlorodifluoromethane	U		0.374	5.00	1	04/30/2025 16:50	WG2503659
1,1-Dichloroethane	U		0.100	1.00	1	04/30/2025 16:50	WG2503659
1,2-Dichloroethane	U		0.0819	1.00	1	04/30/2025 16:50	WG2503659
1,1-Dichloroethene	U		0.188	1.00	1	04/30/2025 16:50	WG2503659
cis-1,2-Dichloroethene	U		0.126	1.00	1	04/30/2025 16:50	WG2503659
trans-1,2-Dichloroethene	U		0.149	1.00	1	04/30/2025 16:50	WG2503659
1,2-Dichloropropane	U		0.149	1.00	1	04/30/2025 16:50	WG2503659
1,1-Dichloropropene	U		0.142	1.00	1	04/30/2025 16:50	WG2503659
1,3-Dichloropropane	U		0.110	1.00	1	04/30/2025 16:50	WG2503659
cis-1,3-Dichloropropene	U		0.111	1.00	1	04/30/2025 16:50	WG2503659
trans-1,3-Dichloropropene	U		0.118	1.00	1	04/30/2025 16:50	WG2503659
2,2-Dichloropropane	U		0.161	1.00	1	04/30/2025 16:50	WG2503659
Di-isopropyl ether	U		0.105	1.00	1	04/30/2025 16:50	WG2503659
Ethylbenzene	U		0.137	1.00	1	04/30/2025 16:50	WG2503659
Hexachloro-1,3-butadiene	U		0.337	1.00	1	04/30/2025 16:50	WG2503659
Isopropylbenzene	U		0.105	1.00	1	04/30/2025 16:50	WG2503659
p-Isopropyltoluene	U		0.120	1.00	1	04/30/2025 16:50	WG2503659
2-Butanone (MEK)	U	J3	1.19	10.0	1	04/30/2025 16:50	WG2503659
Methylene Chloride	U		0.430	5.00	1	04/30/2025 16:50	WG2503659
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	04/30/2025 16:50	WG2503659
Methyl tert-butyl ether	U		0.101	1.00	1	04/30/2025 16:50	WG2503659
Naphthalene	U	C3	1.00	5.00	1	04/30/2025 16:50	WG2503659
n-Propylbenzene	U		0.0993	1.00	1	04/30/2025 16:50	WG2503659
Styrene	U	C3	0.118	1.00	1	04/30/2025 16:50	WG2503659
1,1,1,2-Tetrachloroethane	U		0.147	1.00	1	04/30/2025 16:50	WG2503659
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	04/30/2025 16:50	WG2503659
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	04/30/2025 16:50	WG2503659
Tetrachloroethene	U		0.300	1.00	1	04/30/2025 16:50	WG2503659
Toluene	U		0.278	1.00	1	04/30/2025 16:50	WG2503659
1,2,3-Trichlorobenzene	U		0.230	1.00	1	04/30/2025 16:50	WG2503659
1,2,4-Trichlorobenzene	U		0.481	1.00	1	04/30/2025 16:50	WG2503659

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
1,1,1-Trichloroethane	U		0.149	1.00	1	04/30/2025 16:50	WG2503659
1,1,2-Trichloroethane	U		0.158	1.00	1	04/30/2025 16:50	WG2503659
Trichloroethene	U		0.190	1.00	1	04/30/2025 16:50	WG2503659
Trichlorofluoromethane	U		0.160	5.00	1	04/30/2025 16:50	WG2503659
1,2,3-Trichloropropane	U		0.237	2.50	1	04/30/2025 16:50	WG2503659
1,2,4-Trimethylbenzene	U		0.322	1.00	1	04/30/2025 16:50	WG2503659
1,2,3-Trimethylbenzene	U		0.104	1.00	1	04/30/2025 16:50	WG2503659
1,3,5-Trimethylbenzene	U		0.104	1.00	1	04/30/2025 16:50	WG2503659
Vinyl chloride	U		0.234	1.00	1	04/30/2025 16:50	WG2503659
Xylenes, Total	U		0.174	3.00	1	04/30/2025 16:50	WG2503659
(S) Toluene-d8	*102*			*80.0-120*		*04/30/2025 16:50*	WG2503659
(S) 4-Bromofluorobenzene	*100*			*77.0-126*		*04/30/2025 16:50*	WG2503659
(S) 1,2-Dichloroethane-d4	*110*			*70.0-130*		*04/30/2025 16:50*	WG2503659

Method Blank (MB)

(MB) R4208060-1 04/30/25 14:00

Analyte	MB Result %	MB Qualifier	MB MDL %	MB RDL %
Total Solids	0.00100			

L1853233-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1853233-01 04/30/25 14:00 • (DUP) R4208060-3 04/30/25 14:00

Analyte	Original Result %	DUP Result %	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Total Solids	89.8	89.3	1	0.580		10

Laboratory Control Sample (LCS)

(LCS) R4208060-2 04/30/25 14:00

Analyte	Spike Amount %	LCS Result %	LCS Rec. %	Rec. Limits %	LCS Qualifier
Total Solids	50.0	50.0	100	90.0-110	

Method Blank (MB)

(MB) R4207962-1 04/30/25 21:41

Analyte	MB Result ug/kg	MB Qualifier	MB MDL ug/kg	MB RDL ug/kg
Ammonia Nitrogen	U		7190	10000

L1853233-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1853233-02 04/30/25 21:48 • (DUP) R4207962-5 04/30/25 21:50

Analyte	Original Result (dry) ug/kg	DUP Result (dry) ug/kg	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Ammonia Nitrogen	U	U	1	0.000		20

L1853235-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1853235-01 04/30/25 21:54 • (DUP) R4207962-6 04/30/25 22:00

Analyte	Original Result (dry) ug/kg	DUP Result (dry) ug/kg	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Ammonia Nitrogen	U	U	1	0.000		20

Laboratory Control Sample (LCS)

(LCS) R4207962-2 04/30/25 21:42

Analyte	Spike Amount ug/kg	LCS Result ug/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Ammonia Nitrogen	250000	261000	104	90.0-110	

L1853233-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1853233-01 04/30/25 21:44 • (MS) R4207962-3 04/30/25 21:45 • (MSD) R4207962-4 04/30/25 21:47

Analyte	Spike Amount (dry) ug/kg	Original Result (dry) ug/kg	MS Result (dry) ug/kg	MSD Result (dry) ug/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Ammonia Nitrogen	278000	289000	535000	545000	88.4	92.1	1	90.0-110	J6		1.87	20

Method Blank (MB)

(MB) R4208392-1 05/01/25 15:12

Analyte	MB Result ug/kg	MB Qualifier	MB MDL ug/kg	MB RDL ug/kg
Kjeldahl Nitrogen, TKN	U		15200	20000

L1853231-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1853231-02 05/01/25 15:18 • (DUP) R4208392-9 05/01/25 15:20

Analyte	Original Result (dry) ug/kg	DUP Result (dry) ug/kg	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Kjeldahl Nitrogen, TKN	1430000	1590000	10	10.9		20

L1853231-04 Original Sample (OS) • Duplicate (DUP)

(OS) L1853231-04 05/01/25 15:22 • (DUP) R4208392-11 05/01/25 15:23

Analyte	Original Result (dry) ug/kg	DUP Result (dry) ug/kg	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Kjeldahl Nitrogen, TKN	952000	948000	10	0.406		20

Laboratory Control Sample (LCS)

(LCS) R4208392-3 05/01/25 15:13

Analyte	Spike Amount ug/kg	LCS Result ug/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Kjeldahl Nitrogen, TKN	480000	467000	97.2	81.7-124	

L1853226-03 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1853226-03 05/01/25 15:14 • (MS) R4208392-5 05/01/25 15:15 • (MSD) R4208392-7 05/01/25 15:16

Analyte	Spike Amount (dry) ug/kg	Original Result (dry) ug/kg	MS Result (dry) ug/kg	MSD Result (dry) ug/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Kjeldahl Nitrogen, TKN	435000	1560000	1630000	1700000	17.5	33.5	10	81.7-124	J6	J6	4.19	20

L1853231-05 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1853231-05 05/01/25 15:24 • (MS) R4208392-13 05/01/25 15:25 • (MSD) R4208392-15 05/01/25 15:25

Analyte	Spike Amount (dry)	Original Result (dry)	MS Result (dry)	MSD Result (dry)	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
	ug/kg	ug/kg	ug/kg	ug/kg	%	%		%			%	%
Kjeldahl Nitrogen, TKN	442000	1930000	2120000	2060000	42.7	29.5	10	81.7-124	V	V	2.80	20

Method Blank (MB)

(MB) R4207997-1 05/01/25 01:07

Analyte	MB Result ug/kg	MB Qualifier	MB MDL ug/kg	MB RDL ug/kg
Nitrate-Nitrite	866	J	606	20000

Laboratory Control Sample (LCS)

(LCS) R4207997-2 05/01/25 01:20

Analyte	Spike Amount ug/kg	LCS Result ug/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Nitrate-Nitrite	40000	35700	89.2	80.0-120	

L1853233-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1853233-01 05/01/25 01:33 • (MS) R4207997-3 05/01/25 05:24 • (MSD) R4207997-4 05/01/25 05:36

Analyte	Spike Amount (dry) ug/kg	Original Result (dry) ug/kg	MS Result (dry) ug/kg	MSD Result (dry) ug/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Nitrate-Nitrite	44500	U	38900	37000	87.5	83.1	1	80.0-120			5.05	15

Method Blank (MB)

(MB) R4208374-1 05/01/25 15:21

Analyte	MB Result ug/kg	MB Qualifier	MB MDL ug/kg	MB RDL ug/kg
TOC By Walkley Black	U		25500	100000

L1853233-03 Original Sample (OS) • Duplicate (DUP)

(OS) L1853233-03 05/01/25 15:26 • (DUP) R4208374-5 05/01/25 15:26

Analyte	Original Result ug/kg	DUP Result ug/kg	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
TOC By Walkley Black	4420000	5080000	5	13.9		20

L1853251-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1853251-01 05/01/25 15:32 • (DUP) R4208374-6 05/01/25 15:32

Analyte	Original Result ug/kg	DUP Result ug/kg	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
TOC By Walkley Black	30400000	27600000	5	9.55		20

Laboratory Control Sample (LCS)

(LCS) R4208374-2 05/01/25 15:21

Analyte	Spike Amount ug/kg	LCS Result ug/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
TOC By Walkley Black	3230000	4130000	128	75.0-144	

L1853233-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1853233-01 05/01/25 15:22 • (MS) R4208374-3 05/01/25 15:22 • (MSD) R4208374-4 05/01/25 15:23

Analyte	Spike Amount ug/kg	Original Result ug/kg	MS Result ug/kg	MSD Result ug/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
TOC By Walkley Black	8000000	9050000	18600000	18500000	119	119	2	80.0-120			0.0399	20

Method Blank (MB)

(MB) R4208145-1 04/30/25 22:48

Analyte	MB Result ug/kg	MB Qualifier	MB MDL ug/kg	MB RDL ug/kg
Aluminum	U		6080	20000
Antimony	U		691	2000
Beryllium	U		47.7	200
Calcium	U		19000	100000
Cobalt	U		177	1000
Iron	U		2240	10000
Magnesium	U		19900	100000
Manganese	U		173	1000
Potassium	U		20900	100000
Sodium	U		41200	100000
Thallium	U		518	2000
Vanadium	U		383	2000

Laboratory Control Sample (LCS)

(LCS) R4208145-2 04/30/25 22:50

Analyte	Spike Amount ug/kg	LCS Result ug/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Aluminum	1000000	1020000	102	80.0-120	
Antimony	100000	98900	98.9	80.0-120	
Beryllium	100000	99400	99.4	80.0-120	
Calcium	1000000	974000	97.4	80.0-120	
Cobalt	100000	92200	92.2	80.0-120	
Iron	1000000	981000	98.1	80.0-120	
Magnesium	1000000	1020000	102	80.0-120	
Manganese	100000	95800	95.8	80.0-120	
Potassium	1000000	1000000	100	80.0-120	
Sodium	1000000	1010000	101	80.0-120	
Thallium	100000	100000	100	80.0-120	
Vanadium	100000	97900	97.9	80.0-120	

L1853251-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1853251-02 04/30/25 22:52 • (MS) R4208145-5 04/30/25 22:57 • (MSD) R4208145-6 04/30/25 22:58

Analyte	Spike Amount (dry) ug/kg	Original Result (dry) ug/kg	MS Result (dry) ug/kg	MSD Result (dry) ug/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Aluminum	1120000	3370000	6420000	4700000	271	118	1	75.0-125	J5	J3	31.0	20
Antimony	112000	U	83300	80000	74.1	71.1	1	75.0-125	J6	J6	4.03	20

L1853251-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1853251-02 04/30/25 22:52 • (MS) R4208145-5 04/30/25 22:57 • (MSD) R4208145-6 04/30/25 22:58

Analyte	Spike Amount (dry)	Original Result (dry)	MS Result (dry)	MSD Result (dry)	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
	ug/kg	ug/kg	ug/kg	ug/kg	%	%		%			%	%
Beryllium	112000	349	103000	93700	91.0	83.0	1	75.0-125			9.13	20
Calcium	1120000	6640000	9870000	8090000	287	129	1	75.0-125	V	V	19.7	20
Cobalt	112000	2590	107000	94400	92.5	81.6	1	75.0-125			12.1	20
Iron	1120000	5440000	11000000	6450000	494	89.5	1	75.0-125	V	J3	52.2	20
Magnesium	1120000	1510000	3220000	2640000	152	100	1	75.0-125	J5		19.9	20
Manganese	112000	134000	394000	237000	231	91.3	1	75.0-125	J5	J3	49.8	20
Potassium	1120000	2320000	4240000	3530000	170	107	1	75.0-125	J5		18.2	20
Sodium	1120000	284000	1420000	1300000	101	90.2	1	75.0-125			9.13	20
Thallium	112000	U	105000	95400	93.1	84.9	1	75.0-125			9.23	20
Vanadium	112000	10500	118000	102000	95.3	81.6	1	75.0-125			14.0	20

Method Blank (MB)

(MB) R4207900-3 04/30/25 11:10

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Acetone	U		11.3	50.0
Acrolein	U		2.54	50.0
Acrylonitrile	U		0.671	10.0
Benzene	U		0.0941	1.00
Bromobenzene	U		0.118	1.00
Bromodichloromethane	U		0.136	1.00
Bromoform	U		0.129	1.00
Bromomethane	U		0.605	5.00
n-Butylbenzene	U		0.157	1.00
sec-Butylbenzene	U		0.125	1.00
tert-Butylbenzene	U		0.127	1.00
Carbon tetrachloride	U		0.128	1.00
Chlorobenzene	U		0.116	1.00
Chlorodibromomethane	U		0.140	1.00
Chloroethane	U		0.192	5.00
Chloroform	U		0.111	5.00
Chloromethane	U		0.960	2.50
2-Chlorotoluene	U		0.106	1.00
4-Chlorotoluene	U		0.114	1.00
1,2-Dibromo-3-Chloropropane	U		0.276	5.00
1,2-Dibromoethane	U		0.126	1.00
Dibromomethane	U		0.122	1.00
1,2-Dichlorobenzene	U		0.107	1.00
1,3-Dichlorobenzene	U		0.110	1.00
1,4-Dichlorobenzene	U		0.120	1.00
Dichlorodifluoromethane	U		0.374	5.00
1,1-Dichloroethane	U		0.100	1.00
1,2-Dichloroethane	U		0.0819	1.00
1,1-Dichloroethene	U		0.188	1.00
cis-1,2-Dichloroethene	U		0.126	1.00
trans-1,2-Dichloroethene	U		0.149	1.00
1,2-Dichloropropane	U		0.149	1.00
1,1-Dichloropropene	U		0.142	1.00
1,3-Dichloropropane	U		0.110	1.00
cis-1,3-Dichloropropene	U		0.111	1.00
trans-1,3-Dichloropropene	U		0.118	1.00
2,2-Dichloropropane	U		0.161	1.00
Di-isopropyl ether	U		0.105	1.00
Ethylbenzene	U		0.137	1.00
Hexachloro-1,3-butadiene	U		0.337	1.00

Method Blank (MB)

(MB) R4207900-3 04/30/25 11:10

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Isopropylbenzene	U		0.105	1.00
p-Isopropyltoluene	U		0.120	1.00
2-Butanone (MEK)	U		1.19	10.0
Methylene Chloride	U		0.430	5.00
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0
Methyl tert-butyl ether	U		0.101	1.00
Naphthalene	U		1.00	5.00
n-Propylbenzene	U		0.0993	1.00
Styrene	U		0.118	1.00
1,1,1,2-Tetrachloroethane	U		0.147	1.00
1,1,2,2-Tetrachloroethane	U		0.133	1.00
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00
Tetrachloroethene	U		0.300	1.00
Toluene	U		0.278	1.00
1,2,3-Trichlorobenzene	U		0.230	1.00
1,2,4-Trichlorobenzene	U		0.481	1.00
1,1,1-Trichloroethane	U		0.149	1.00
1,1,2-Trichloroethane	U		0.158	1.00
Trichloroethene	U		0.190	1.00
Trichlorofluoromethane	U		0.160	5.00
1,2,3-Trichloropropane	U		0.237	2.50
1,2,4-Trimethylbenzene	U		0.322	1.00
1,2,3-Trimethylbenzene	U		0.104	1.00
1,3,5-Trimethylbenzene	U		0.104	1.00
Vinyl chloride	U		0.234	1.00
Xylenes, Total	U		0.174	3.00
(S) Toluene-d8	*101*			*80.0-120*
(S) 4-Bromofluorobenzene	*98.3*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*109*			*70.0-130*

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

(LCS) R4207900-1 04/30/25 10:09 • (LCSD) R4207900-2 04/30/25 10:29

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	25.0	19.3	27.3	77.2	109	19.0-160	J	J J3	34.3	27
Acrolein	25.0	27.0	27.3	108	109	10.0-160	J	J	1.10	26
Acrylonitrile	25.0	24.8	27.5	99.2	110	55.0-149			10.3	20
Benzene	5.00	4.39	4.33	87.8	86.6	70.0-123			1.38	20

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

(LCS) R4207900-1 04/30/25 10:09 • (LCSD) R4207900-2 04/30/25 10:29

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Bromobenzene	5.00	4.34	4.29	86.8	85.8	73.0-121			1.16	20
Bromodichloromethane	5.00	4.42	4.39	88.4	87.8	75.0-120			0.681	20
Bromoform	5.00	4.41	4.51	88.2	90.2	68.0-132			2.24	20
Bromomethane	5.00	6.72	6.29	134	126	10.0-160			6.61	25
n-Butylbenzene	5.00	4.17	4.04	83.4	80.8	73.0-125			3.17	20
sec-Butylbenzene	5.00	4.20	4.12	84.0	82.4	75.0-125			1.92	20
tert-Butylbenzene	5.00	4.37	4.11	87.4	82.2	76.0-124			6.13	20
Carbon tetrachloride	5.00	4.38	4.50	87.6	90.0	68.0-126			2.70	20
Chlorobenzene	5.00	4.27	4.25	85.4	85.0	80.0-121			0.469	20
Chlorodibromomethane	5.00	4.31	4.42	86.2	88.4	77.0-125			2.52	20
Chloroethane	5.00	4.95	5.06	99.0	101	47.0-150	J		2.20	20
Chloroform	5.00	4.43	4.59	88.6	91.8	73.0-120	J	J	3.55	20
Chloromethane	5.00	4.36	4.45	87.2	89.0	41.0-142			2.04	20
2-Chlorotoluene	5.00	4.27	4.08	85.4	81.6	76.0-123			4.55	20
4-Chlorotoluene	5.00	4.32	4.14	86.4	82.8	75.0-122			4.26	20
1,2-Dibromo-3-Chloropropane	5.00	4.38	4.58	87.6	91.6	58.0-134	J	J	4.46	20
1,2-Dibromoethane	5.00	4.41	4.31	88.2	86.2	80.0-122			2.29	20
Dibromomethane	5.00	4.30	4.48	86.0	89.6	80.0-120			4.10	20
1,2-Dichlorobenzene	5.00	4.27	4.29	85.4	85.8	79.0-121			0.467	20
1,3-Dichlorobenzene	5.00	4.35	4.21	87.0	84.2	79.0-120			3.27	20
1,4-Dichlorobenzene	5.00	4.31	4.22	86.2	84.4	79.0-120			2.11	20
Dichlorodifluoromethane	5.00	4.69	5.00	93.8	100	51.0-149	J	J	6.40	20
1,1-Dichloroethane	5.00	4.51	4.57	90.2	91.4	70.0-126			1.32	20
1,2-Dichloroethane	5.00	4.26	4.55	85.2	91.0	70.0-128			6.58	20
1,1-Dichloroethene	5.00	4.14	4.24	82.8	84.8	71.0-124			2.39	20
cis-1,2-Dichloroethene	5.00	4.38	4.39	87.6	87.8	73.0-120			0.228	20
trans-1,2-Dichloroethene	5.00	4.24	4.31	84.8	86.2	73.0-120			1.64	20
1,2-Dichloropropane	5.00	4.50	4.51	90.0	90.2	77.0-125			0.222	20
1,1-Dichloropropene	5.00	4.28	4.37	85.6	87.4	74.0-126			2.08	20
1,3-Dichloropropane	5.00	4.26	4.38	85.2	87.6	80.0-120			2.78	20
cis-1,3-Dichloropropene	5.00	4.18	4.31	83.6	86.2	80.0-123			3.06	20
trans-1,3-Dichloropropene	5.00	4.20	4.31	84.0	86.2	78.0-124			2.59	20
2,2-Dichloropropane	5.00	4.46	4.50	89.2	90.0	58.0-130			0.893	20
Di-isopropyl ether	5.00	4.37	4.50	87.4	90.0	58.0-138			2.93	20
Ethylbenzene	5.00	4.11	4.10	82.2	82.0	79.0-123			0.244	20
Hexachloro-1,3-butadiene	5.00	4.45	4.19	89.0	83.8	54.0-138			6.02	20
Isopropylbenzene	5.00	4.04	4.06	80.8	81.2	76.0-127			0.494	20
p-Isopropyltoluene	5.00	4.16	3.99	83.2	79.8	76.0-125			4.17	20
2-Butanone (MEK)	25.0	21.2	26.3	84.8	105	44.0-160		J3	21.5	20
Methylene Chloride	5.00	4.26	4.21	85.2	84.2	67.0-120	J	J	1.18	20

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

(LCS) R4207900-1 04/30/25 10:09 • (LCSD) R4207900-2 04/30/25 10:29

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
4-Methyl-2-pentanone (MIBK)	25.0	22.9	24.7	91.6	98.8	68.0-142			7.56	20
Methyl tert-butyl ether	5.00	4.32	4.51	86.4	90.2	68.0-125			4.30	20
Naphthalene	5.00	3.75	3.95	75.0	79.0	54.0-135	J	J	5.19	20
n-Propylbenzene	5.00	4.34	4.05	86.8	81.0	77.0-124			6.91	20
Styrene	5.00	3.95	4.08	79.0	81.6	73.0-130			3.24	20
1,1,1,2-Tetrachloroethane	5.00	4.27	4.48	85.4	89.6	75.0-125			4.80	20
1,1,2,2-Tetrachloroethane	5.00	4.90	4.81	98.0	96.2	65.0-130			1.85	20
1,1,2-Trichlorotrifluoroethane	5.00	4.23	4.30	84.6	86.0	69.0-132			1.64	20
Tetrachloroethene	5.00	4.18	4.18	83.6	83.6	72.0-132			0.000	20
Toluene	5.00	4.22	4.20	84.4	84.0	79.0-120			0.475	20
1,2,3-Trichlorobenzene	5.00	4.04	4.19	80.8	83.8	50.0-138			3.65	20
1,2,4-Trichlorobenzene	5.00	4.18	4.12	83.6	82.4	57.0-137			1.45	20
1,1,1-Trichloroethane	5.00	4.42	4.50	88.4	90.0	73.0-124			1.79	20
1,1,2-Trichloroethane	5.00	4.30	4.39	86.0	87.8	80.0-120			2.07	20
Trichloroethene	5.00	4.35	4.26	87.0	85.2	78.0-124			2.09	20
Trichlorofluoromethane	5.00	4.88	5.08	97.6	102	59.0-147	J		4.02	20
1,2,3-Trichloropropane	5.00	4.83	4.69	96.6	93.8	73.0-130			2.94	20
1,2,4-Trimethylbenzene	5.00	4.17	3.99	83.4	79.8	76.0-121			4.41	20
1,2,3-Trimethylbenzene	5.00	4.15	3.99	83.0	79.8	77.0-120			3.93	20
1,3,5-Trimethylbenzene	5.00	4.24	4.08	84.8	81.6	76.0-122			3.85	20
Vinyl chloride	5.00	5.02	5.06	100	101	67.0-131			0.794	20
Xylenes, Total	15.0	11.9	12.1	79.3	80.7	79.0-123			1.67	20
(S) Toluene-d8				*101*	*101*	*80.0-120*				
(S) 4-Bromofluorobenzene				*96.9*	*98.6*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*106*	*108*	*70.0-130*				

L1853223-03 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1853223-03 04/30/25 18:11 • (MS) R4207900-4 04/30/25 19:11 • (MSD) R4207900-5 04/30/25 19:31

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Acetone	25.0	U	23.1	22.0	92.4	88.0	1	10.0-160			4.88	35
Acrolein	25.0	U	48.2	45.9	193	184	1	10.0-160	J J5	J J5	4.89	39
Acrylonitrile	25.0	U	28.8	28.6	115	114	1	21.0-160			0.697	32
Benzene	5.00	U	5.19	5.19	104	104	1	17.0-158			0.000	27
Bromobenzene	5.00	U	4.87	4.95	97.4	99.0	1	30.0-149			1.63	28
Bromodichloromethane	5.00	U	5.23	5.30	105	106	1	31.0-150			1.33	27
Bromoform	5.00	U	4.92	5.08	98.4	102	1	29.0-150			3.20	29
Bromomethane	5.00	U	8.60	9.11	172	182	1	10.0-160	J5	J5	5.76	38

L1853223-03 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1853223-03 04/30/25 18:11 • (MS) R4207900-4 04/30/25 19:11 • (MSD) R4207900-5 04/30/25 19:31

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
n-Butylbenzene	5.00	U	4.74	4.89	94.8	97.8	1	31.0-150			3.12	30
sec-Butylbenzene	5.00	U	5.08	5.08	102	102	1	33.0-155			0.000	29
tert-Butylbenzene	5.00	U	4.94	5.08	98.8	102	1	34.0-153			2.79	28
Carbon tetrachloride	5.00	U	5.36	5.39	107	108	1	23.0-159			0.558	28
Chlorobenzene	5.00	U	4.89	4.87	97.8	97.4	1	33.0-152			0.410	27
Chlorodibromomethane	5.00	U	4.88	5.12	97.6	102	1	37.0-149			4.80	27
Chloroethane	5.00	U	5.82	5.87	116	117	1	10.0-160			0.855	30
Chloroform	5.00	U	5.17	5.15	103	103	1	29.0-154			0.388	28
Chloromethane	5.00	U	5.72	5.63	114	113	1	10.0-160			1.59	29
2-Chlorotoluene	5.00	U	4.85	4.87	97.0	97.4	1	32.0-153			0.412	28
4-Chlorotoluene	5.00	U	4.96	4.98	99.2	99.6	1	32.0-150			0.402	28
1,2-Dibromo-3-Chloropropane	5.00	U	5.84	5.68	117	114	1	22.0-151			2.78	34
1,2-Dibromoethane	5.00	U	4.91	5.31	98.2	106	1	34.0-147			7.83	27
Dibromomethane	5.00	U	5.08	5.12	102	102	1	30.0-151			0.784	27
1,2-Dichlorobenzene	5.00	U	5.07	4.99	101	99.8	1	34.0-149			1.59	28
1,3-Dichlorobenzene	5.00	U	5.04	5.07	101	101	1	36.0-146			0.593	27
1,4-Dichlorobenzene	5.00	U	4.97	4.90	99.4	98.0	1	35.0-142			1.42	27
Dichlorodifluoromethane	5.00	U	6.21	6.12	124	122	1	10.0-160			1.46	29
1,1-Dichloroethane	5.00	U	5.31	5.31	106	106	1	25.0-158			0.000	27
1,2-Dichloroethane	5.00	U	5.26	5.16	105	103	1	29.0-151			1.92	27
1,1-Dichloroethene	5.00	U	5.17	5.20	103	104	1	11.0-160			0.579	29
cis-1,2-Dichloroethene	5.00	U	5.21	5.06	104	101	1	10.0-160			2.92	27
trans-1,2-Dichloroethene	5.00	U	5.14	5.22	103	104	1	17.0-153			1.54	27
1,2-Dichloropropane	5.00	U	5.19	5.39	104	108	1	30.0-156			3.78	27
1,1-Dichloropropene	5.00	U	5.18	5.37	104	107	1	25.0-158			3.60	27
1,3-Dichloropropane	5.00	U	5.00	5.08	100	102	1	38.0-147			1.59	27
cis-1,3-Dichloropropene	5.00	U	4.72	4.83	94.4	96.6	1	34.0-149			2.30	28
trans-1,3-Dichloropropene	5.00	U	4.72	5.06	94.4	101	1	32.0-149			6.95	28
2,2-Dichloropropane	5.00	U	4.85	4.90	97.0	98.0	1	24.0-152			1.03	29
Di-isopropyl ether	5.00	U	5.12	5.15	102	103	1	21.0-160			0.584	28
Ethylbenzene	5.00	U	4.64	4.77	92.8	95.4	1	30.0-155			2.76	27
Hexachloro-1,3-butadiene	5.00	U	4.74	4.89	94.8	97.8	1	20.0-154			3.12	34
Isopropylbenzene	5.00	U	4.72	4.92	94.4	98.4	1	28.0-157			4.15	27
p-Isopropyltoluene	5.00	U	4.85	4.88	97.0	97.6	1	30.0-154			0.617	29
2-Butanone (MEK)	25.0	U	26.6	25.5	106	102	1	10.0-160			4.22	32
Methylene Chloride	5.00	U	4.93	4.86	98.6	97.2	1	23.0-144			1.43	28
4-Methyl-2-pentanone (MIBK)	25.0	U	28.1	29.8	112	119	1	29.0-160			5.87	29
Methyl tert-butyl ether	5.00	U	5.15	5.15	103	103	1	28.0-150			0.000	29
Naphthalene	5.00	U	4.71	4.82	94.2	96.4	1	12.0-156	J	J	2.31	35
n-Propylbenzene	5.00	U	4.94	5.09	98.8	102	1	31.0-154			2.99	28

L1853223-03 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1853223-03 04/30/25 18:11 • (MS) R4207900-4 04/30/25 19:11 • (MSD) R4207900-5 04/30/25 19:31

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Styrene	5.00	U	4.55	4.74	91.0	94.8	1	33.0-155			4.09	28
1,1,1,2-Tetrachloroethane	5.00	U	4.86	5.10	97.2	102	1	36.0-151			4.82	29
1,1,2,2-Tetrachloroethane	5.00	U	5.65	5.51	113	110	1	33.0-150			2.51	28
1,1,2-Trichlorotrifluoroethane	5.00	U	5.46	5.13	109	103	1	23.0-160			6.23	30
Tetrachloroethene	5.00	U	4.90	5.10	98.0	102	1	10.0-160			4.00	27
Toluene	5.00	U	4.93	5.06	98.6	101	1	26.0-154			2.60	28
1,2,3-Trichlorobenzene	5.00	U	4.90	5.00	98.0	100	1	17.0-150			2.02	36
1,2,4-Trichlorobenzene	5.00	U	4.73	4.87	94.6	97.4	1	24.0-150			2.92	33
1,1,1-Trichloroethane	5.00	U	5.48	5.42	110	108	1	23.0-160			1.10	28
1,1,2-Trichloroethane	5.00	U	5.06	5.19	101	104	1	35.0-147			2.54	27
Trichloroethene	5.00	U	5.02	5.08	100	102	1	10.0-160			1.19	25
Trichlorofluoromethane	5.00	U	6.10	6.18	122	124	1	17.0-160			1.30	31
1,2,3-Trichloropropane	5.00	U	5.62	5.60	112	112	1	34.0-151			0.357	29
1,2,4-Trimethylbenzene	5.00	U	4.85	4.86	97.0	97.2	1	26.0-154			0.206	27
1,2,3-Trimethylbenzene	5.00	U	4.82	4.78	96.4	95.6	1	32.0-149			0.833	28
1,3,5-Trimethylbenzene	5.00	U	4.82	4.89	96.4	97.8	1	28.0-153			1.44	27
Vinyl chloride	5.00	U	6.01	6.35	120	127	1	10.0-160			5.50	27
Xylenes, Total	15.0	U	14.1	14.7	94.0	98.0	1	29.0-154			4.17	28
(S) Toluene-d8					*98.2*	*101*		*80.0-120*				
(S) 4-Bromofluorobenzene					*98.8*	*100*		*77.0-126*				
(S) 1,2-Dichloroethane-d4					*108*	*106*		*70.0-130*				

Method Blank (MB)

(MB) R4207932-3 04/30/25 15:22

Analyte	MB Result ug/kg	MB Qualifier	MB MDL ug/kg	MB RDL ug/kg
Acetone	U		36.5	50.0
Acrylonitrile	U		3.61	12.5
Bromobenzene	U		0.900	12.5
Bromodichloromethane	U		0.725	2.50
Bromoform	U		1.17	25.0
Bromomethane	U		1.97	12.5
n-Butylbenzene	U		5.25	12.5
sec-Butylbenzene	U		2.88	12.5
tert-Butylbenzene	U		1.95	5.00
Carbon tetrachloride	U		0.898	5.00
Chlorobenzene	U		0.210	2.50
Chlorodibromomethane	U		0.612	2.50
Chloroethane	U		1.70	5.00
Chloroform	U		1.03	2.50
Chloromethane	U		4.35	12.5
2-Chlorotoluene	U		0.865	2.50
4-Chlorotoluene	U		0.450	5.00
1,2-Dibromo-3-Chloropropane	U		3.90	25.0
1,2-Dibromoethane	U		0.648	2.50
Dibromomethane	U		0.750	5.00
1,2-Dichlorobenzene	U		0.425	5.00
1,3-Dichlorobenzene	U		0.600	5.00
1,4-Dichlorobenzene	U		0.700	5.00
Dichlorodifluoromethane	U		1.61	5.00
1,1-Dichloroethane	U		0.491	2.50
1,2-Dichloroethane	U		0.649	2.50
1,1-Dichloroethene	U		0.606	2.50
cis-1,2-Dichloroethene	U		0.734	2.50
trans-1,2-Dichloroethene	U		1.04	5.00
1,2-Dichloropropane	U		1.42	5.00
1,1-Dichloropropene	U		0.809	2.50
1,3-Dichloropropane	U		0.501	5.00
cis-1,3-Dichloropropene	U		0.757	2.50
trans-1,3-Dichloropropene	U		1.14	5.00
2,2-Dichloropropane	U		1.38	2.50
Di-isopropyl ether	U		0.410	1.00
Hexachloro-1,3-butadiene	U		6.00	25.0
Isopropylbenzene	U		0.425	2.50
p-Isopropyltoluene	U		2.55	5.00
2-Butanone (MEK)	U		63.5	100

Method Blank (MB)

(MB) R4207932-3 04/30/25 15:22

Analyte	MB Result ug/kg	MB Qualifier	MB MDL ug/kg	MB RDL ug/kg
Methylene Chloride	U		6.64	25.0
4-Methyl-2-pentanone (MIBK)	U		2.28	25.0
Methyl tert-butyl ether	U		0.350	1.00
n-Propylbenzene	U		0.950	5.00
Styrene	U		0.229	12.5
1,1,1,2-Tetrachloroethane	U		0.948	2.50
1,1,2,2-Tetrachloroethane	U		0.695	2.50
1,1,2-Trichlorotrifluoroethane	U		0.754	2.50
Tetrachloroethene	U		0.896	2.50
1,2,3-Trichlorobenzene	U		7.33	12.5
1,2,4-Trichlorobenzene	U		4.40	12.5
1,1,1-Trichloroethane	U		0.923	2.50
1,1,2-Trichloroethane	U		0.597	2.50
Trichloroethene	U		0.584	1.00
Trichlorofluoromethane	U		0.827	2.50
1,2,3-Trichloropropane	U		1.62	12.5
1,2,3-Trimethylbenzene	U		1.58	5.00
Vinyl chloride	U		1.16	2.50
(S) Toluene-d8	*106*			*75.0-131*
(S) 4-Bromofluorobenzene	*96.9*			*67.0-138*
(S) 1,2-Dichloroethane-d4	*85.4*			*70.0-130*

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

(LCS) R4207932-1 04/30/25 13:34 • (LCSD) R4207932-2 04/30/25 14:06

Analyte	Spike Amount ug/kg	LCS Result ug/kg	LCSD Result ug/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	625	402	477	64.3	76.3	10.0-160			17.1	31
Acrylonitrile	625	510	555	81.6	88.8	45.0-153			8.45	22
Bromobenzene	125	136	129	109	103	73.0-121			5.28	20
Bromodichloromethane	125	120	120	96.0	96.0	73.0-121			0.000	20
Bromoform	125	107	106	85.6	84.8	64.0-132			0.939	20
Bromomethane	125	118	99.0	94.4	79.2	56.0-147			17.5	20
n-Butylbenzene	125	143	142	114	114	68.0-135			0.702	20
sec-Butylbenzene	125	150	150	120	120	74.0-130			0.000	20
tert-Butylbenzene	125	155	151	124	121	75.0-127			2.61	20
Carbon tetrachloride	125	128	124	102	99.2	66.0-128			3.17	20
Chlorobenzene	125	141	132	113	106	76.0-128			6.59	20
Chlorodibromomethane	125	112	108	89.6	86.4	74.0-127			3.64	20

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

(LCS) R4207932-1 04/30/25 13:34 • (LCSD) R4207932-2 04/30/25 14:06

Analyte	Spike Amount ug/kg	LCS Result ug/kg	LCSD Result ug/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Chloroethane	125	115	110	92.0	88.0	61.0-134			4.44	20
Chloroform	125	126	121	101	96.8	72.0-123			4.05	20
Chloromethane	125	159	114	127	91.2	51.0-138		J3	33.0	20
2-Chlorotoluene	125	150	140	120	112	75.0-124			6.90	20
4-Chlorotoluene	125	139	131	111	105	75.0-124			5.93	20
1,2-Dibromo-3-Chloropropane	125	104	114	83.2	91.2	59.0-130			9.17	20
1,2-Dibromoethane	125	122	122	97.6	97.6	74.0-128			0.000	20
Dibromomethane	125	112	110	89.6	88.0	75.0-122			1.80	20
1,2-Dichlorobenzene	125	131	131	105	105	76.0-124			0.000	20
1,3-Dichlorobenzene	125	138	133	110	106	76.0-125			3.69	20
1,4-Dichlorobenzene	125	137	132	110	106	77.0-121			3.72	20
Dichlorodifluoromethane	125	109	101	87.2	80.8	43.0-156			7.62	20
1,1-Dichloroethane	125	125	122	100	97.6	70.0-127			2.43	20
1,2-Dichloroethane	125	113	112	90.4	89.6	65.0-131			0.889	20
1,1-Dichloroethene	125	122	113	97.6	90.4	65.0-131			7.66	20
cis-1,2-Dichloroethene	125	117	109	93.6	87.2	73.0-125			7.08	20
trans-1,2-Dichloroethene	125	115	108	92.0	86.4	71.0-125			6.28	20
1,2-Dichloropropane	125	125	124	100	99.2	74.0-125			0.803	20
1,1-Dichloropropene	125	143	133	114	106	73.0-125			7.25	20
1,3-Dichloropropane	125	125	122	100	97.6	80.0-125			2.43	20
cis-1,3-Dichloropropene	125	126	126	101	101	76.0-127			0.000	20
trans-1,3-Dichloropropene	125	131	127	105	102	73.0-127			3.10	20
2,2-Dichloropropane	125	117	115	93.6	92.0	59.0-135			1.72	20
Di-isopropyl ether	125	117	114	93.6	91.2	60.0-136			2.60	20
Hexachloro-1,3-butadiene	125	144	153	115	122	57.0-150			6.06	20
Isopropylbenzene	125	154	145	123	116	72.0-127			6.02	20
p-Isopropyltoluene	125	156	155	125	124	72.0-133			0.643	20
2-Butanone (MEK)	625	562	627	89.9	100	30.0-160			10.9	24
Methylene Chloride	125	118	106	94.4	84.8	68.0-123			10.7	20
4-Methyl-2-pentanone (MIBK)	625	570	560	91.2	89.6	56.0-143			1.77	20
Methyl tert-butyl ether	125	107	108	85.6	86.4	66.0-132			0.930	20
n-Propylbenzene	125	146	138	117	110	74.0-126			5.63	20
Styrene	125	140	132	112	106	72.0-127			5.88	20
1,1,1,2-Tetrachloroethane	125	128	116	102	92.8	74.0-129			9.84	20
1,1,2,2-Tetrachloroethane	125	114	110	91.2	88.0	68.0-128			3.57	20
1,1,2-Trichlorotrifluoroethane	125	119	116	95.2	92.8	61.0-139			2.55	20
Tetrachloroethene	125	162	156	130	125	70.0-136			3.77	20
1,2,3-Trichlorobenzene	125	124	139	99.2	111	59.0-139			11.4	20
1,2,4-Trichlorobenzene	125	128	138	102	110	62.0-137			7.52	20
1,1,1-Trichloroethane	125	122	119	97.6	95.2	69.0-126			2.49	20

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

(LCS) R4207932-1 04/30/25 13:34 • (LCSD) R4207932-2 04/30/25 14:06

Analyte	Spike Amount ug/kg	LCS Result ug/kg	LCSD Result ug/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
1,1,2-Trichloroethane	125	120	116	96.0	92.8	78.0-123			3.39	20
Trichloroethene	125	136	128	109	102	76.0-126			6.06	20
Trichlorofluoromethane	125	120	117	96.0	93.6	61.0-142			2.53	20
1,2,3-Trichloropropane	125	112	116	89.6	92.8	67.0-129			3.51	20
1,2,3-Trimethylbenzene	125	140	137	112	110	74.0-124			2.17	20
Vinyl chloride	125	131	120	105	96.0	63.0-134			8.76	20
(S) Toluene-d8				*101*	*102*	*75.0-131*				
(S) 4-Bromofluorobenzene				*101*	*97.7*	*67.0-138*				
(S) 1,2-Dichloroethane-d4				*93.4*	*95.3*	*70.0-130*				

L1853235-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1853235-01 04/30/25 17:30 • (MS) R4207932-4 04/30/25 22:27 • (MSD) R4207932-5 04/30/25 22:46

Analyte	Spike Amount (dry) ug/kg	Original Result (dry) ug/kg	MS Result (dry) ug/kg	MSD Result (dry) ug/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Acetone	708	U	164	186	23.2	26.2	1	10.0-160			12.3	40
Acrylonitrile	708	U	483	541	68.2	76.3	1	10.0-160			11.3	40
Bromobenzene	142	U	151	171	106	121	1	10.0-156			12.7	38
Bromodichloromethane	142	U	118	141	83.2	99.2	1	10.0-143			17.5	37
Bromoform	142	U	101	116	71.3	81.6	1	10.0-146			13.5	36
Bromomethane	142	U	74.8	92.4	52.8	65.2	1	10.0-149			21.0	38
n-Butylbenzene	142	U	159	190	112	134	1	10.0-160			18.2	40
sec-Butylbenzene	142	U	170	203	120	143	1	10.0-159			17.6	39
tert-Butylbenzene	142	U	165	203	117	143	1	10.0-156			20.3	39
Carbon tetrachloride	142	U	129	146	91.2	103	1	10.0-145			12.3	37
Chlorobenzene	142	U	154	177	109	125	1	10.0-152			13.7	39
Chlorodibromomethane	142	U	114	130	80.8	92.0	1	10.0-146			13.0	37
Chloroethane	142	U	52.0	72.9	36.7	51.4	1	10.0-146			33.4	40
Chloroform	142	U	126	145	88.8	102	1	10.0-146			14.2	37
Chloromethane	142	U	172	199	122	141	1	10.0-159			14.6	37
2-Chlorotoluene	142	U	158	189	111	134	1	10.0-159			18.3	38
4-Chlorotoluene	142	U	147	173	104	122	1	10.0-155			16.3	39
1,2-Dibromo-3-Chloropropane	142	U	81.0	85.2	57.2	60.2	1	10.0-151			5.04	39
1,2-Dibromoethane	142	U	129	151	91.2	106	1	10.0-148			15.4	34
Dibromomethane	142	U	116	128	81.6	90.4	1	10.0-147			10.2	35
1,2-Dichlorobenzene	142	U	137	158	96.8	111	1	10.0-155			13.8	37
1,3-Dichlorobenzene	142	U	145	173	102	122	1	10.0-153			17.8	38
1,4-Dichlorobenzene	142	U	146	171	103	121	1	10.0-151			15.7	38
Dichlorodifluoromethane	142	U	125	148	88.0	105	1	10.0-160			17.4	35

L1853235-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1853235-01 04/30/25 17:30 • (MS) R4207932-4 04/30/25 22:27 • (MSD) R4207932-5 04/30/25 22:46

Analyte	Spike Amount (dry) ug/kg	Original Result (dry) ug/kg	MS Result (dry) ug/kg	MSD Result (dry) ug/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
1,1-Dichloroethane	142	U	131	151	92.8	106	1	10.0-147			13.7	37
1,2-Dichloroethane	142	U	109	124	76.7	87.2	1	10.0-148			12.8	35
1,1-Dichloroethene	142	U	143	170	101	120	1	10.0-155			17.4	37
cis-1,2-Dichloroethene	142	U	120	136	84.8	96.0	1	10.0-149			12.4	37
trans-1,2-Dichloroethene	142	U	120	141	84.8	99.2	1	10.0-150			15.7	37
1,2-Dichloropropane	142	U	135	158	95.2	111	1	10.0-148			15.5	37
1,1-Dichloropropene	142	U	155	180	110	127	1	10.0-153			14.9	35
1,3-Dichloropropane	142	U	137	160	96.8	113	1	10.0-154			15.3	35
cis-1,3-Dichloropropene	142	U	122	148	86.4	105	1	10.0-151			19.2	37
trans-1,3-Dichloropropene	142	U	133	156	93.6	110	1	10.0-148			16.5	37
2,2-Dichloropropane	142	U	93.5	103	66.0	72.6	1	10.0-138			9.47	36
Di-isopropyl ether	142	U	114	127	80.8	89.6	1	10.0-147			10.3	36
Hexachloro-1,3-butadiene	142	U	164	202	116	142	1	10.0-160			20.4	40
Isopropylbenzene	142	U	162	189	114	134	1	10.0-155			15.5	38
p-Isopropyltoluene	142	U	165	201	117	142	1	10.0-160			19.2	40
2-Butanone (MEK)	708	U	509	430	71.8	60.6	1	10.0-160			16.9	40
Methylene Chloride	142	U	128	152	90.4	107	1	10.0-141			17.0	37
4-Methyl-2-pentanone (MIBK)	708	U	510	579	72.0	81.8	1	10.0-160			12.7	35
Methyl tert-butyl ether	142	U	94.5	107	66.7	75.5	1	11.0-147			12.4	35
n-Propylbenzene	142	U	164	195	116	138	1	10.0-158			17.0	38
Styrene	142	U	146	169	103	119	1	10.0-160			14.4	40
1,1,1,2-Tetrachloroethane	142	U	121	141	85.6	99.2	1	10.0-149			14.7	39
1,1,2,2-Tetrachloroethane	142	U	104	111	73.5	78.6	1	10.0-160			6.73	35
1,1,2-Trichlorotrifluoroethane	142	U	131	154	92.8	109	1	10.0-160			15.9	36
Tetrachloroethene	142	U	181	214	128	151	1	10.0-156			16.6	39
1,2,3-Trichlorobenzene	142	U	117	145	82.4	102	1	10.0-160			21.6	40
1,2,4-Trichlorobenzene	142	U	125	158	88.0	111	1	10.0-160			23.3	40
1,1,1-Trichloroethane	142	U	125	141	88.0	99.2	1	10.0-144			12.0	35
1,1,2-Trichloroethane	142	U	129	144	91.2	102	1	10.0-160			10.8	35
Trichloroethene	142	U	152	188	107	133	1	10.0-156			21.3	38
Trichlorofluoromethane	142	U	83.4	108	58.9	76.0	1	10.0-160			25.4	40
1,2,3-Trichloropropane	142	U	117	130	82.4	92.0	1	10.0-156			11.0	35
1,2,3-Trimethylbenzene	142	U	145	169	102	119	1	10.0-160			15.2	36
Vinyl chloride	142	U	139	165	98.4	117	1	10.0-160			17.1	37
(S) Toluene-d8					*106*	*104*		*75.0-131*				
(S) 4-Bromofluorobenzene					*97.9*	*97.0*		*67.0-138*				
(S) 1,2-Dichloroethane-d4					*86.4*	*81.6*		*70.0-130*				

Method Blank (MB)

(MB) R4207988-2 05/01/25 00:03

Analyte	MB Result ug/kg	MB Qualifier	MB MDL ug/kg	MB RDL ug/kg
Acenaphthylene	U		4.69	33.3
Benzidine	U		62.6	1670
Benzo(g,h,i)perylene	U		6.09	33.3
Bis(2-chlorethoxy)methane	U		10.0	333
Bis(2-chloroethyl)ether	U		11.0	333
2,2-Oxybis(1-Chloropropane)	U		14.4	333
4-Bromophenyl-phenylether	U		11.7	333
2-Chloronaphthalene	U		5.85	33.3
4-Chlorophenyl-phenylether	U		11.6	333
1,2-Dichlorobenzene	U		9.87	333
1,3-Dichlorobenzene	U		10.1	333
1,4-Dichlorobenzene	U		9.91	333
3,3-Dichlorobenzidine	U		12.3	333
2,4-Dinitrotoluene	U		9.55	333
2,6-Dinitrotoluene	U		10.9	333
Hexachlorobenzene	U		11.8	333
Hexachloro-1,3-butadiene	U		11.2	333
Hexachlorocyclopentadiene	U		17.5	333
Hexachloroethane	U		13.1	333
Isophorone	U		10.2	333
Nitrobenzene	U		11.6	333
n-Nitrosodimethylamine	U		49.4	333
n-Nitrosodiphenylamine	U		25.2	333
n-Nitrosodi-n-propylamine	U		11.1	333
Phenanthrene	7.38	J	6.61	33.3
Benzylbutyl phthalate	U		10.4	333
Bis(2-ethylhexyl)phthalate	U		42.2	333
Di-n-butyl phthalate	U		11.4	333
Diethyl phthalate	U		11.0	333
Dimethyl phthalate	U		70.6	333
Di-n-octyl phthalate	U		22.5	333
1,2,4-Trichlorobenzene	U		10.4	333
4-Chloro-3-methylphenol	U		10.8	333
2-Chlorophenol	U		11.0	333
2,4-Dichlorophenol	U		9.70	333
2,4-Dimethylphenol	U		8.70	333
4,6-Dinitro-2-methylphenol	U		75.5	333
2,4-Dinitrophenol	U		77.9	333
2-Nitrophenol	U		11.9	333
4-Nitrophenol	U		10.4	333

Method Blank (MB)

(MB) R4207988-2 05/01/25 00:03

Analyte	MB Result ug/kg	MB Qualifier	MB MDL ug/kg	MB RDL ug/kg
Pentachlorophenol	U		8.96	333
Phenol	U		13.4	333
2,4,6-Trichlorophenol	U		10.7	333
(S) 2-Fluorophenol	*71.9*			*12.0-120*
(S) Phenol-d5	*61.9*			*10.0-120*
(S) Nitrobenzene-d5	*62.8*			*10.0-122*
(S) 2-Fluorobiphenyl	*72.1*			*15.0-120*
(S) 2,4,6-Tribromophenol	*68.3*			*10.0-127*
(S) p-Terphenyl-d14	*77.8*			*10.0-120*

Laboratory Control Sample (LCS)

(LCS) R4207988-1 04/30/25 23:43

Analyte	Spike Amount ug/kg	LCS Result ug/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Acenaphthylene	666	656	98.5	40.0-120	
Benzidine	1330	412	31.0	10.0-120	J
Benzo(g,h,i)perylene	666	603	90.5	43.0-120	
Bis(2-chlorethoxy)methane	666	378	56.8	20.0-120	
Bis(2-chloroethyl)ether	666	406	61.0	16.0-120	
2,2-Oxybis(1-Chloropropane)	666	384	57.7	23.0-120	
4-Bromophenyl-phenylether	666	707	106	40.0-120	
2-Chloronaphthalene	666	546	82.0	35.0-120	
4-Chlorophenyl-phenylether	666	650	97.6	40.0-120	
1,2-Dichlorobenzene	666	490	73.6	32.0-120	
1,3-Dichlorobenzene	666	492	73.9	30.0-120	
1,4-Dichlorobenzene	666	518	77.8	31.0-120	
3,3-Dichlorobenzidine	1330	1220	91.7	28.0-120	
2,4-Dinitrotoluene	666	612	91.9	45.0-120	
2,6-Dinitrotoluene	666	601	90.2	42.0-120	
Hexachlorobenzene	666	588	88.3	39.0-120	
Hexachloro-1,3-butadiene	666	466	70.0	15.0-120	
Hexachlorocyclopentadiene	666	373	56.0	15.0-120	
Hexachloroethane	666	486	73.0	17.0-120	
Isophorone	666	408	61.3	23.0-120	
Nitrobenzene	666	392	58.9	17.0-120	
n-Nitrosodimethylamine	666	445	66.8	10.0-125	
n-Nitrosodiphenylamine	666	605	90.8	40.0-120	
n-Nitrosodi-n-propylamine	666	487	73.1	26.0-120	

Laboratory Control Sample (LCS)

(LCS) R4207988-1 04/30/25 23:43

Analyte	Spike Amount ug/kg	LCS Result ug/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Phenanthrene	666	587	88.1	42.0-120	
Benzylbutyl phthalate	666	665	99.8	40.0-120	
Bis(2-ethylhexyl)phthalate	666	668	100	41.0-120	
Di-n-butyl phthalate	666	624	93.7	43.0-120	
Diethyl phthalate	666	670	101	43.0-120	
Dimethyl phthalate	666	644	96.7	43.0-120	
Di-n-octyl phthalate	666	678	102	40.0-120	
1,2,4-Trichlorobenzene	666	481	72.2	17.0-120	
4-Chloro-3-methylphenol	666	501	75.2	28.0-120	
2-Chlorophenol	666	498	74.8	28.0-120	
2,4-Dichlorophenol	666	533	80.0	25.0-120	
2,4-Dimethylphenol	666	456	68.5	15.0-120	
4,6-Dinitro-2-methylphenol	666	494	74.2	16.0-120	
2,4-Dinitrophenol	666	353	53.0	10.0-120	
2-Nitrophenol	666	498	74.8	20.0-120	
4-Nitrophenol	666	537	80.6	27.0-120	
Pentachlorophenol	666	438	65.8	29.0-120	
Phenol	666	498	74.8	28.0-120	
2,4,6-Trichlorophenol	666	574	86.2	37.0-120	
(S) 2-Fluorophenol			*93.4*	*12.0-120*	
(S) Phenol-d5			*80.5*	*10.0-120*	
(S) Nitrobenzene-d5			*56.2*	*10.0-122*	
(S) 2-Fluorobiphenyl			*87.7*	*15.0-120*	
(S) 2,4,6-Tribromophenol			*94.9*	*10.0-127*	
(S) p-Terphenyl-d14			*97.9*	*10.0-120*	

L1853258-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1853258-01 05/01/25 04:34 • (MS) R4207988-3 05/01/25 04:55 • (MSD) R4207988-4 05/01/25 05:16

Analyte	Spike Amount (dry) ug/kg	Original Result (dry) ug/kg	MS Result (dry) ug/kg	MSD Result (dry) ug/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Acenaphthylene	755	U	529	579	70.1	76.5	2	25.0-120			9.05	32
Benzidine	1510	U	291	271	19.3	17.9	2	10.0-120	J	J	6.90	40
Benzo(g,h,i)perylene	755	U	438	463	58.0	61.1	2	10.0-120			5.57	33
Bis(2-chlorethoxy)methane	755	U	352	384	46.7	50.8	2	10.0-120	J	J	8.67	34
Bis(2-chloroethyl)ether	755	U	319	358	42.3	47.3	2	10.0-120	J	J	11.4	40
2,2-Oxybis(1-Chloropropane)	755	U	291	356	38.5	47.0	2	10.0-120	J	J	20.1	40
4-Bromophenyl-phenylether	755	U	536	610	71.0	80.6	2	27.0-120	J	J	12.9	30
2-Chloronaphthalene	755	U	449	488	59.5	64.5	2	20.0-120			8.27	32

L1853258-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1853258-01 05/01/25 04:34 • (MS) R4207988-3 05/01/25 04:55 • (MSD) R4207988-4 05/01/25 05:16

Analyte	Spike Amount (dry) ug/kg	Original Result (dry) ug/kg	MS Result (dry) ug/kg	MSD Result (dry) ug/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
4-Chlorophenyl-phenylether	755	U	510	551	67.5	72.7	2	24.0-120	J	J	7.74	29
1,2-Dichlorobenzene	755	U	400	445	53.0	58.7	2	10.0-120	J	J	10.5	38
1,3-Dichlorobenzene	755	U	379	449	50.2	59.3	2	10.0-120	J	J	17.1	40
1,4-Dichlorobenzene	755	U	392	460	52.0	60.7	2	10.0-120	J	J	15.8	39
3,3-Dichlorobenzidine	1510	U	730	764	48.5	50.4	2	10.0-120	J		4.58	34
2,4-Dinitrotoluene	755	U	511	550	67.7	72.6	2	30.0-120	J	J	7.31	31
2,6-Dinitrotoluene	755	U	513	522	68.0	69.0	2	25.0-120	J	J	1.76	31
Hexachlorobenzene	755	U	486	537	64.4	70.9	2	27.0-120	J	J	10.0	28
Hexachloro-1,3-butadiene	755	U	434	455	57.6	60.1	2	10.0-120	J	J	4.62	38
Hexachlorocyclopentadiene	755	U	U	U	4.41	2.89	2	10.0-120	J J6	J J3 J6	41.3	40
Hexachloroethane	755	U	250	307	33.1	40.5	2	10.0-120	J	J	20.5	40
Isophorone	755	U	369	417	48.9	55.1	2	13.0-120	J	J	12.2	34
Nitrobenzene	755	U	387	413	51.2	54.5	2	10.0-120	J	J	6.56	36
n-Nitrosodimethylamine	755	U	360	371	47.7	48.9	2	10.0-127	J	J	2.81	40
n-Nitrosodiphenylamine	755	U	478	548	63.3	72.4	2	17.0-120	J	J	13.8	29
n-Nitrosodi-n-propylamine	755	U	372	446	49.2	58.9	2	10.0-120	J	J	18.1	37
Phenanthrene	755	U	447	511	59.2	67.5	2	17.0-120			13.3	31
Benzylbutyl phthalate	755	U	545	605	72.2	80.0	2	23.0-120	J	J	10.5	30
Bis(2-ethylhexyl)phthalate	755	U	543	634	71.9	83.7	2	17.0-126	J	J	15.5	30
Di-n-butyl phthalate	755	U	507	578	67.2	76.4	2	30.0-120	J	J	13.0	29
Diethyl phthalate	755	U	542	617	71.8	81.5	2	26.0-120	J	J	13.0	28
Dimethyl phthalate	755	U	521	587	69.0	77.6	2	25.0-120	J	J	11.9	29
Di-n-octyl phthalate	755	U	677	758	89.7	100	2	21.0-123	J	J	11.3	29
1,2,4-Trichlorobenzene	755	U	447	475	59.2	62.8	2	12.0-120	J	J	6.18	37
4-Chloro-3-methylphenol	755	U	499	537	66.2	70.9	2	15.0-120	J	J	7.26	30
2-Chlorophenol	755	U	390	450	51.7	59.5	2	15.0-120	J	J	14.4	37
2,4-Dichlorophenol	755	U	475	526	63.0	69.4	2	20.0-120	J	J	10.0	31
2,4-Dimethylphenol	755	U	406	469	53.8	61.9	2	10.0-120	J	J	14.3	33
4,6-Dinitro-2-methylphenol	755	U	265	299	35.0	39.5	2	10.0-120	J	J	12.1	39
2,4-Dinitrophenol	755	U	355	334	47.0	44.1	2	10.0-121	J	J	5.96	40
2-Nitrophenol	755	U	450	448	59.7	59.2	2	12.0-120	J	J	0.508	39
4-Nitrophenol	755	U	471	513	62.4	67.8	2	10.0-137	J	J	8.57	32
Pentachlorophenol	755	U	477	548	63.1	72.4	2	10.0-160	J	J	14.0	31
Phenol	755	U	348	425	46.1	56.2	2	12.0-120	J	J	20.1	38
2,4,6-Trichlorophenol	755	U	504	551	66.8	72.7	2	19.0-120	J	J	8.86	32
(S) 2-Fluorophenol					*63.2*	*73.2*		*12.0-120*				
(S) Phenol-d5					*53.6*	*62.3*		*10.0-120*				
(S) Nitrobenzene-d5					*47.4*	*54.5*		*10.0-122*				
(S) 2-Fluorobiphenyl					*63.4*	*68.1*		*15.0-120*				

L1853258-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1853258-01 05/01/25 04:34 • (MS) R4207988-3 05/01/25 04:55 • (MSD) R4207988-4 05/01/25 05:16

Analyte	Spike Amount (dry)	Original Result (dry)	MS Result (dry)	MSD Result (dry)	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
	ug/kg	ug/kg	ug/kg	ug/kg	%	%		%			%	%
(S) 2,4,6-Tribromophenol					*71.9*	*77.4*		*10.0-127*				
(S) p-Terphenyl-d14					*70.7*	*78.6*		*10.0-120*				

Sample Narrative:

OS: Dilution due to matrix impact during extraction procedure

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

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

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

Abbreviations and Definitions

(dry)	Results are reported based on the dry weight of the sample. [this will only be present on a dry report basis for soils].
MDL	Method Detection Limit.
MDL (dry)	Method Detection Limit.
RDL	Reported Detection Limit.
RDL (dry)	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
C3	The reported concentration is an estimate. The continuing calibration standard associated with this data responded low. Method sensitivity check is acceptable.
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.
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.
V	The sample concentration is too high to evaluate accurate spike recoveries.

ACCREDITATIONS & LOCATIONS

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

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

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

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

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

Pace® Location Requested (City/State): Pace National, 12065 Lebanon Road, Mt. Juliet, TN 37122

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here

Scan QR Code for instructions

15606

Company Name: CTEH, LLC
Street Address: 5120 North Shore Drive, North Little Rock, AR 72118
Customer Project #: PROJ-054017
Project Name: Bishop LOC
Site Collection Info/Facility ID (as applicable): Galeton, CO

Contact/Report To: Lab Results, Kyle Lawrence, Tami McMullin, Andy Henault, Eric Catlin, Madelyn Klinkerman
Phone #:
E-Mail: labresults@cteh.com; kylelawrence@cteh.com; tmcmullin@cteh.com; ahenault@cteh.com
Cc E-Mail: ecatlin@cteh.com; mklinkerman@cteh.com
Invoice to: CTEH
Invoice E-mail: ctehap@montrose-env.com
Purchase Order # (if applicable):
Quote #:

Time Zone Collected: [ ] AK [ ] PT [X] MT [ ] CT [ ] ET
County / State origin of sample(s): CO

Data Deliverables: [X] Level II [ ] Level III [ ] Level IV [ ] EQUIS [ ] Other
Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No
Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day Other ASAP
Date Results Requested:
DW PWSID # or WW Permit # as applicable:
Field Filtered (if applicable): [ ] Yes [ ] No
Analysis:

Specify Container Size **: 8 oz | 8 oz | 8 oz | 8 oz | 6
Identify Container Preservative Type***: 1 | 1 | 1 | 1 | 4
Analysis Requested

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other
*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Lab Use Only
Proj. Mgr: 546-Jared Starkey
AcctNum / Client ID: CTEHER
Table #: 18853245
Profile / Template: T271979
Prelog / Bottle Ord. ID:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW),Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Residual Chlorine Result	Residual Chlorine Units	VOCs 8260D	SVOCs 8270E; Metals 6010D	Total N/TKN/N+N/NH3 EPA 351.2/9056A	TOC Walkley Black	VOCs 8260D						Sample Comment	Preservation non-conformance identified for sample.
GACO0429T000S008	SS	G	-	-	4/29/2025	1002	3	-	-	X	X	X	X	-						-01	
GACO0429T000C008	SS	G	-	-	4/29/2025	1002	3	-	-	X	X	X	X	-						-02	
GACO0429T000S009	SS	G	-	-	4/29/2025	0932	3	-	-	X	X	X	X	-						-03	
GACO0429T000T006	OT	G	-	-	4/29/2025	0700	2	-	-	-	-	-	-	X						-04	

Additional Instructions from Pace®:
VOCs - full list minus BTEX, 1,2,4-TMB, 1,3,5-TMB; SVOCs - full list minus PAHs, 1-methylnaphthalene, 2-methylnaphthalene; Metals - TAL minus RCRA, Cu, Ni, Zn

Collected By: Printed Name Signature: JENNIFER WALTZ

Customer Remarks / Special Conditions / Possible Hazards:

Coolers: | Thermometer ID: | Correction Factor (°C): | Obs. Temp. (°C): | Corrected Temp. (°C): | [ ] On Ice

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Tracking Number:
Jennifer Waltz MONTROSE	4/29/25 1800	PACE 1800		
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Delivered by: [ ] In- Person [ ] Courier
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time: 4-30-25 1800	[ ] FedEx [ ] UPS [ ] Other
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Page: of

Submitting a sample via this chainofcustody constitutesacknowledgmentandacceptanceofthe Pace® Terms and Conditions found at https://info.pacelabs.com/hubfs/pas-standard-terms.pdf.

ENV-FRM-CORQ-0019_v02_110123 ©

Sample Receipt Checklist TLA91 1.4+0.4=1.8

COC Seal Present/Intact: ✓Y__N__NP
COC Signed/Accurate: ✓Y__N
Bottles arrive intact: ✓Y__N
Correct bottles used: ✓Y__N
Sufficient volume sent: ✓Y__N
RA Screen <0.5 mR/hr: ✓Y__N

If Applicable
VOA Zero Headspace: __Y__N
Pres. Correct/Check: __Y__N
Condition: __NCF / __OK

526 2743 5580