ANALYTICAL REPORT

April 14, 2025

Pace Analytical Services, LLC
2025.04.15 10:16:46 -05'00'
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CTEH - ER

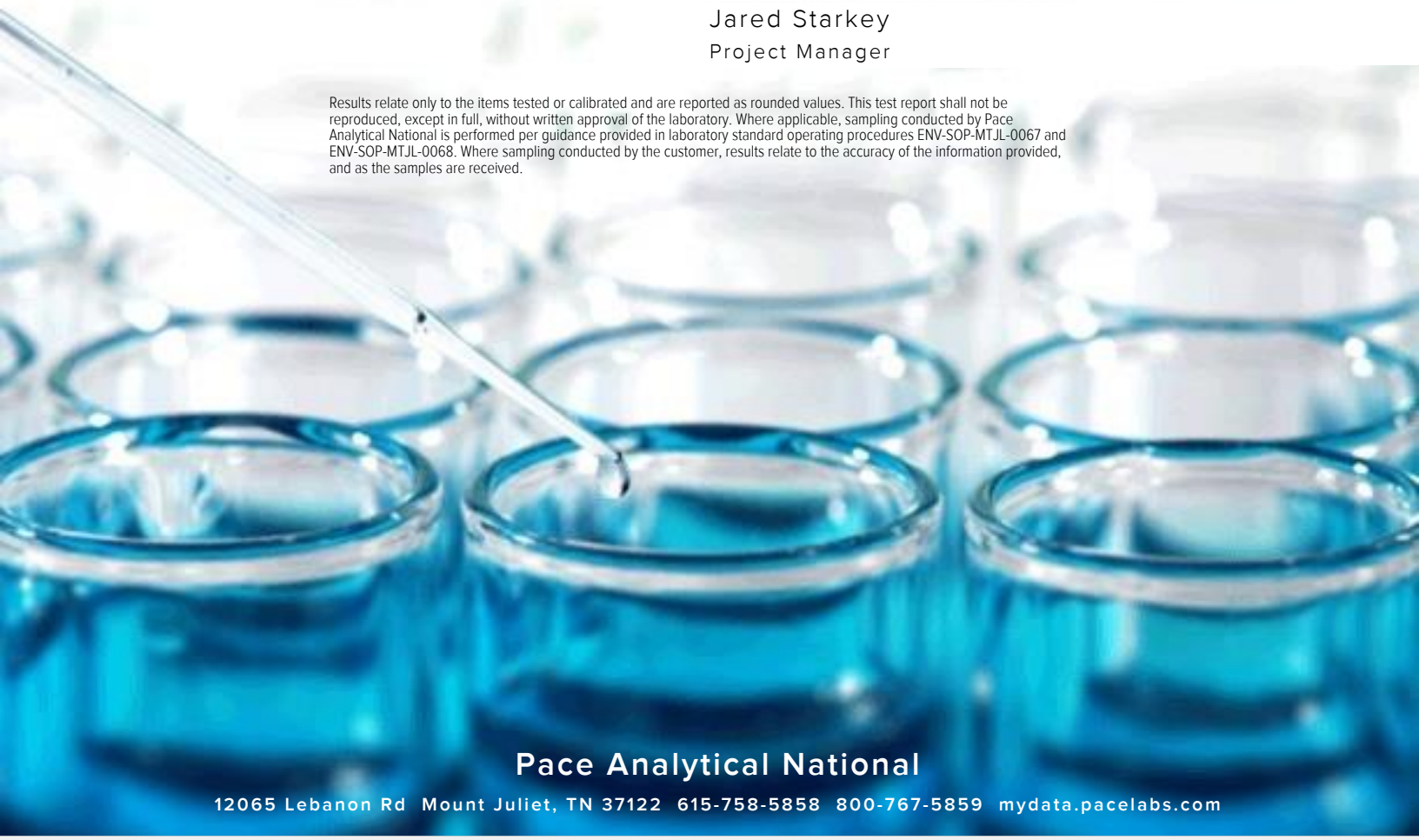
Sample Delivery Group:	L1847543
Samples Received:	04/13/2025
Project Number:	PROJ-054017
Description:	Bishop Loss of Containment Incident

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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SAMPLE SUMMARY

GACO0412D001-B L1847543-01 Solid

Collected by: L. Howes | Collected date/time: 04/12/25 09:35 | Received date/time: 04/13/25 10:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2489485	1	04/13/25 12:45	04/13/25 12:55	KDW	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2489614	1	04/13/25 16:24	04/14/25 06:55	EKB	Mt. Juliet, TN
Mercury by Method 7471B	WG2489622	1	04/13/25 16:38	04/13/25 19:27	AKB	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2489658	1	04/13/25 18:00	04/13/25 22:37	MAP	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2489580	1	04/13/25 13:49	04/14/25 03:56	ADM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2489584	1	04/13/25 13:49	04/13/25 22:58	WHS	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2489493	1	04/13/25 16:29	04/13/25 22:59	TJD	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2489482	2	04/13/25 16:32	04/14/25 04:25	LS	Mt. Juliet, TN

GACO0412D002-B L1847543-02 Solid

Collected by: L. Howes | Collected date/time: 04/12/25 09:55 | Received date/time: 04/13/25 10:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2489485	1	04/13/25 12:45	04/13/25 12:55	KDW	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2489614	1	04/13/25 16:24	04/14/25 07:31	EKB	Mt. Juliet, TN
Mercury by Method 7471B	WG2489637	1	04/13/25 17:01	04/13/25 20:17	AKB	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2489658	1	04/13/25 18:00	04/13/25 22:39	MAP	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2489580	1	04/13/25 13:49	04/14/25 04:20	ADM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2489856	1	04/13/25 13:49	04/14/25 12:16	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2489493	1	04/13/25 16:29	04/13/25 19:43	TJD	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2489482	1	04/13/25 16:32	04/14/25 01:47	HLA	Mt. Juliet, TN

GACO0412D003-B L1847543-03 Solid

Collected by: L. Howes | Collected date/time: 04/12/25 10:10 | Received date/time: 04/13/25 10:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2489485	1	04/13/25 12:45	04/13/25 12:55	KDW	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2489614	1	04/13/25 16:24	04/14/25 07:40	EKB	Mt. Juliet, TN
Mercury by Method 7471B	WG2489622	1	04/13/25 16:38	04/13/25 19:29	AKB	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2489658	1	04/13/25 18:00	04/13/25 22:27	MAP	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2489580	1	04/13/25 13:49	04/14/25 04:44	ADM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2489584	1	04/13/25 13:49	04/13/25 17:03	WHS	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2489493	1	04/13/25 16:29	04/13/25 21:27	TJD	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2489482	1	04/13/25 16:32	04/14/25 02:10	HLA	Mt. Juliet, TN

GACO0412D004-B L1847543-04 Solid

Collected by: L. Howes | Collected date/time: 04/12/25 10:20 | Received date/time: 04/13/25 10:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2489485	1	04/13/25 12:45	04/13/25 12:55	KDW	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2489614	1	04/13/25 16:24	04/14/25 07:49	EKB	Mt. Juliet, TN
Mercury by Method 7471B	WG2489622	1	04/13/25 16:38	04/13/25 19:32	AKB	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2489658	1	04/13/25 18:00	04/13/25 22:41	MAP	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2489580	1	04/13/25 13:49	04/14/25 05:07	ADM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2489584	1	04/13/25 13:49	04/13/25 17:23	WHS	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2489493	1	04/13/25 16:29	04/13/25 21:36	TJD	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2489482	1	04/13/25 16:32	04/14/25 02:32	HLA	Mt. Juliet, TN

GACO0412D005-B L1847543-05 Solid

Collected by: L. Howes | Collected date/time: 04/12/25 10:35 | Received date/time: 04/13/25 10:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2489485	1	04/13/25 12:45	04/13/25 12:55	KDW	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2489614	1	04/13/25 16:24	04/14/25 07:58	EKB	Mt. Juliet, TN
Mercury by Method 7471B	WG2489622	1	04/13/25 16:38	04/13/25 19:34	AKB	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2489658	1	04/13/25 18:00	04/13/25 22:47	MAP	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2489580	1	04/13/25 13:49	04/14/25 05:31	ADM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2489584	1	04/13/25 13:49	04/13/25 17:43	WHS	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2489493	1	04/13/25 16:29	04/13/25 20:26	TJD	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2489482	1	04/13/25 16:32	04/14/25 02:55	LS	Mt. Juliet, TN

GACO0412D006-B L1847543-06 Solid

Collected by: L. Howes | Collected date/time: 04/12/25 10:45 | Received date/time: 04/13/25 10:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2489485	1	04/13/25 12:45	04/13/25 12:55	KDW	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2489614	1	04/13/25 16:24	04/14/25 08:07	EKB	Mt. Juliet, TN
Mercury by Method 7471B	WG2489622	1	04/13/25 16:38	04/13/25 19:37	AKB	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2489658	1	04/13/25 18:00	04/13/25 22:49	MAP	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2489580	1	04/13/25 13:49	04/14/25 05:55	ADM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2489584	1	04/13/25 13:49	04/13/25 18:02	WHS	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2489493	1	04/13/25 16:29	04/13/25 20:40	TJD	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2489482	1	04/13/25 16:32	04/14/25 03:17	LS	Mt. Juliet, TN

GACO0412D007-B L1847543-07 Solid

Collected by: L. Howes | Collected date/time: 04/12/25 10:55 | Received date/time: 04/13/25 10:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2489485	1	04/13/25 12:45	04/13/25 12:55	KDW	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2489614	1	04/13/25 16:24	04/14/25 08:16	EKB	Mt. Juliet, TN
Mercury by Method 7471B	WG2489622	1	04/13/25 16:38	04/13/25 19:40	AKB	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2489658	1	04/13/25 18:00	04/13/25 22:51	MAP	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2489580	1	04/13/25 13:49	04/14/25 06:18	ADM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2489584	1	04/13/25 13:49	04/13/25 18:22	WHS	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2489493	1	04/13/25 16:29	04/13/25 20:54	TJD	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2489482	1	04/13/25 16:32	04/14/25 03:40	LS	Mt. Juliet, TN

GACO0412D008-B L1847543-08 Solid

Collected by: L. Howes | Collected date/time: 04/12/25 11:10 | Received date/time: 04/13/25 10:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2489485	1	04/13/25 12:45	04/13/25 12:55	KDW	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2489614	1	04/13/25 16:24	04/14/25 08:25	EKB	Mt. Juliet, TN
Mercury by Method 7471B	WG2489622	1	04/13/25 16:38	04/13/25 19:42	AKB	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2489658	1	04/13/25 18:00	04/13/25 22:53	MAP	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2489580	1	04/13/25 13:49	04/14/25 06:42	ADM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2489584	1	04/13/25 13:49	04/13/25 18:41	WHS	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2489493	1	04/13/25 16:29	04/13/25 21:08	TJD	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2489482	1	04/13/25 16:32	04/14/25 04:02	LS	Mt. Juliet, TN

GACO0412D009-B L1847543-09 Solid

Collected by: L. Howes | Collected date/time: 04/12/25 11:30 | Received date/time: 04/13/25 10:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2489513	1	04/13/25 13:30	04/13/25 13:32	KDW	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2489614	1	04/13/25 16:24	04/14/25 08:34	EKB	Mt. Juliet, TN
Mercury by Method 7471B	WG2489622	1	04/13/25 16:38	04/13/25 19:45	AKB	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2489616	1	04/13/25 16:41	04/13/25 21:51	MAP	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2489588	1	04/13/25 13:49	04/14/25 04:38	ADM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2489584	1	04/13/25 13:49	04/13/25 19:01	WHS	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2489494	1	04/13/25 17:24	04/13/25 23:24	TJD	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2489487	1	04/13/25 19:39	04/14/25 12:00	LS	Mt. Juliet, TN

GACO0412D010-B L1847543-10 Solid

Collected by: L. Howes | Collected date/time: 04/12/25 11:40 | Received date/time: 04/13/25 10:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2489513	1	04/13/25 13:30	04/13/25 13:32	KDW	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2489614	1	04/13/25 16:24	04/14/25 08:43	EKB	Mt. Juliet, TN
Mercury by Method 7471B	WG2489622	1	04/13/25 16:38	04/13/25 19:48	AKB	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2489616	1	04/13/25 16:41	04/13/25 21:53	MAP	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2489588	1	04/13/25 13:49	04/14/25 05:01	ADM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2489584	1	04/13/25 13:49	04/13/25 19:20	WHS	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2489494	1	04/13/25 17:24	04/13/25 23:38	TJD	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2489487	1	04/13/25 19:39	04/14/25 12:31	LS	Mt. Juliet, TN

GACO0412C010-B L1847543-11 Solid

Collected by: L. Howes | Collected date/time: 04/12/25 11:40 | Received date/time: 04/13/25 10:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2489513	1	04/13/25 13:30	04/13/25 13:32	KDW	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2489614	1	04/13/25 16:24	04/14/25 08:52	EKB	Mt. Juliet, TN
Mercury by Method 7471B	WG2489622	1	04/13/25 16:38	04/13/25 19:50	AKB	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2489616	1	04/13/25 16:41	04/13/25 21:58	MAP	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2489566	1	04/13/25 13:45	04/13/25 16:41	NCD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2489584	1	04/13/25 13:45	04/13/25 19:40	WHS	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2489494	1	04/13/25 17:24	04/14/25 00:03	TJD	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2489487	1	04/13/25 19:39	04/14/25 13:04	LS	Mt. Juliet, TN

GACO0412D011-B L1847543-12 Solid

Collected by: L. Howes | Collected date/time: 04/12/25 13:35 | Received date/time: 04/13/25 10:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2489513	1	04/13/25 13:30	04/13/25 13:32	KDW	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2489614	1	04/13/25 16:24	04/14/25 09:19	EKB	Mt. Juliet, TN
Mercury by Method 7471B	WG2489622	1	04/13/25 16:38	04/13/25 19:58	AKB	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2489616	1	04/13/25 16:41	04/13/25 21:59	MAP	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2489566	1	04/13/25 13:45	04/13/25 17:05	NCD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2489584	1	04/13/25 13:45	04/13/25 19:59	WHS	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2489494	1	04/13/25 17:24	04/13/25 23:44	TJD	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2489487	1	04/13/25 19:39	04/14/25 14:43	LS	Mt. Juliet, TN

SAMPLE SUMMARY

GACO0412D012-B L1847543-13 Solid

Collected by: L. Howes
Collected date/time: 04/12/25 13:50
Received date/time: 04/13/25 10:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2489513	1	04/13/25 13:30	04/13/25 13:32	KDW	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2489614	1	04/13/25 16:24	04/14/25 09:28	EKB	Mt. Juliet, TN
Mercury by Method 7471B	WG2489622	1	04/13/25 16:38	04/13/25 20:01	AKB	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2489616	1	04/13/25 16:41	04/13/25 22:01	MAP	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2489566	1	04/13/25 13:45	04/13/25 17:28	NCD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2489584	1	04/13/25 13:45	04/13/25 20:19	WHS	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2489494	1	04/13/25 17:24	04/13/25 23:50	TJD	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2489487	1	04/13/25 19:39	04/14/25 13:36	LS	Mt. Juliet, TN

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

Project Comments

The project number was incorrect on the original COC, revised COC has the corrected project number.

Metals (ICP) by Method 6010D

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

Batch	Lab Sample ID	Analytes
WG2489616	(MS) R4198994-5, (MSD) R4198994-6	Aluminum, Magnesium, Manganese and Vanadium
WG2489658	(MS) R4199016-5, L1847543-03	Aluminum, Antimony, Potassium and Zinc

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

Batch	Lab Sample ID	Analytes
WG2489616	(MS) R4198994-5	Calcium
WG2489658	(MSD) R4199016-6, L1847543-03	Manganese

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

Batch	Lab Sample ID	Analytes
WG2489616	(MS) R4198994-5, (MSD) R4198994-6	Iron
WG2489658	(MS) R4199016-5, (MSD) R4199016-6, L1847543-03	Calcium and Iron

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

Batch	Lab Sample ID	Analytes
WG2489616	(MSD) R4198994-6	Calcium, Iron and Manganese

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

The same analyte is found in the associated blank.

Batch	Analyte	Lab Sample ID
WG2489580	TPH (GC/FID) Low Fraction	L1847543-01, 02, 03, 04, 05, 06, 07, 08
WG2489588	TPH (GC/FID) Low Fraction	L1847543-09, 10

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
WG2489584	L1847543-01	1,1,2,2-Tetrachloroethane, 1,1-Dichloroethene, Bromomethane, Chloroethane, Chloromethane, Dichlorodifluoromethane, Methylene Chloride, trans-1,2-Dichloroethene and Vinyl chloride
WG2489584	L1847543-03	1,1,2,2-Tetrachloroethane, 1,1-Dichloroethene, Bromomethane, Chloroethane, Chloromethane, Dichlorodifluoromethane, Methylene Chloride, trans-1,2-Dichloroethene and Vinyl chloride
WG2489584	L1847543-04	1,1,2,2-Tetrachloroethane, 1,1-Dichloroethene, Bromomethane, Chloroethane, Chloromethane, Dichlorodifluoromethane, Methylene Chloride, trans-1,2-Dichloroethene and Vinyl chloride
WG2489584	L1847543-05	1,1,2,2-Tetrachloroethane, 1,1-Dichloroethene, Bromomethane, Chloroethane, Chloromethane, Dichlorodifluoromethane, Methylene Chloride, trans-1,2-Dichloroethene and Vinyl chloride
WG2489584	L1847543-06	1,1,2,2-Tetrachloroethane, 1,1-Dichloroethene, Bromomethane, Chloroethane, Chloromethane, Dichlorodifluoromethane, Methylene Chloride, trans-1,2-Dichloroethene and Vinyl chloride
WG2489584	L1847543-07	1,1,2,2-Tetrachloroethane, 1,1-Dichloroethene, Bromomethane, Chloroethane, Chloromethane, Dichlorodifluoromethane, Methylene Chloride, trans-1,2-Dichloroethene and Vinyl chloride
WG2489584	L1847543-08	1,1,2,2-Tetrachloroethane, 1,1-Dichloroethene, Bromomethane, Chloroethane, Chloromethane, Dichlorodifluoromethane, Methylene Chloride, trans-1,2-Dichloroethene and Vinyl chloride
WG2489584	L1847543-09	1,1,2,2-Tetrachloroethane, 1,1-Dichloroethene, Bromomethane, Chloroethane, Chloromethane, Dichlorodifluoromethane, Methylene Chloride, trans-1,2-Dichloroethene and Vinyl chloride
WG2489584	L1847543-10	1,1,2,2-Tetrachloroethane, 1,1-Dichloroethene, Bromomethane, Chloroethane, Chloromethane, Dichlorodifluoromethane, Methylene Chloride, trans-1,2-Dichloroethene and Vinyl chloride
WG2489584	L1847543-11	1,1,2,2-Tetrachloroethane, 1,1-Dichloroethene, Bromomethane, Chloroethane, Chloromethane, Dichlorodifluoromethane, Methylene Chloride, trans-1,2-Dichloroethene and Vinyl chloride
WG2489584	L1847543-12	1,1,2,2-Tetrachloroethane, 1,1-Dichloroethene, Bromomethane, Chloroethane, Chloromethane, Dichlorodifluoromethane, Methylene Chloride, trans-1,2-Dichloroethene and Vinyl chloride
WG2489584	L1847543-13	1,1,2,2-Tetrachloroethane, 1,1-Dichloroethene, Bromomethane, Chloroethane, Chloromethane, Dichlorodifluoromethane, Methylene Chloride, trans-1,2-Dichloroethene and Vinyl chloride
WG2489856	L1847543-02	1,2-Dibromo-3-Chloropropane, Chloroethane and Naphthalene

The same analyte is found in the associated blank.

Batch	Analyte	Lab Sample ID
WG2489584	Toluene	L1847543-01, 03, 04, 05, 06, 07, 08, 09, 10, 11, 12, 13
WG2489856	Chloroform	L1847543-02
WG2489856	Toluene	L1847543-02

The associated batch QC was above the established quality control range for accuracy.

Batch	Lab Sample ID	Analytes
WG2489584	(LCS) R4199022-1, L1847543-01, 03, 04, 05, 06, 07, 08, 09, 10, 11, 12, 13	1,2,3-Trichlorobenzene

The associated batch QC was below the established quality control range for accuracy.

Batch	Lab Sample ID	Analytes
WG2489584	(LCS) R4199022-1, L1847543-01, 03, 04, 05, 06, 07, 08, 09, 10, 11, 12, 13	Bromomethane, Chloroethane and Vinyl chloride
WG2489856	(LCSD) R4199189-2, L1847543-02	Chloroethane

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

Batch	Lab Sample ID	Analytes
WG2489856	(LCSD) R4199189-2, L1847543-02	19 analytes

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
WG2489482	L1847543-01	2,4-Dimethylphenol, 4,6-Dinitro-2-methylphenol, Benzo(a)pyrene, Bis(2-chloroethyl)ether, Fluoranthene, Hexachloro-1,3-butadiene, Hexachlorobenzene, Naphthalene and Pentachlorophenol
WG2489482	L1847543-02	2,4-Dimethylphenol, 4,6-Dinitro-2-methylphenol, Benzo(a)pyrene, Bis(2-chloroethyl)ether, Fluoranthene, Hexachloro-1,3-butadiene, Hexachlorobenzene, Naphthalene and Pentachlorophenol
WG2489482	L1847543-03	2,4-Dimethylphenol, 4,6-Dinitro-2-methylphenol, Benzo(a)pyrene, Bis(2-chloroethyl)ether, Fluoranthene, Hexachloro-1,3-butadiene, Hexachlorobenzene, Naphthalene and Pentachlorophenol
WG2489482	L1847543-04	2,4-Dimethylphenol, 4,6-Dinitro-2-methylphenol, Benzo(a)pyrene, Bis(2-chloroethyl)ether, Fluoranthene, Hexachloro-1,3-butadiene, Hexachlorobenzene, Naphthalene and Pentachlorophenol
WG2489482	L1847543-05	2,4-Dimethylphenol, 4,6-Dinitro-2-methylphenol, Benzo(a)pyrene, Bis(2-chloroethyl)ether, Fluoranthene, Hexachloro-1,3-butadiene, Hexachlorobenzene, Naphthalene and Pentachlorophenol
WG2489482	L1847543-06	2,4-Dimethylphenol, 4,6-Dinitro-2-methylphenol, Benzo(a)pyrene, Bis(2-chloroethyl)ether, Fluoranthene, Hexachloro-1,3-butadiene, Hexachlorobenzene, Naphthalene and Pentachlorophenol
WG2489482	L1847543-07	2,4-Dimethylphenol, 4,6-Dinitro-2-methylphenol, Benzo(a)pyrene, Bis(2-chloroethyl)ether, Fluoranthene, Hexachloro-1,3-butadiene, Hexachlorobenzene, Naphthalene and Pentachlorophenol
WG2489482	L1847543-08	2,4-Dimethylphenol, 4,6-Dinitro-2-methylphenol, Benzo(a)pyrene, Bis(2-chloroethyl)ether, Fluoranthene, Hexachloro-1,3-butadiene, Hexachlorobenzene, Naphthalene and Pentachlorophenol
WG2489487	L1847543-09	2,4-Dimethylphenol, 2,4-Dinitrophenol, 4,6-Dinitro-2-methylphenol, 4-Chlorophenyl-phenylether, Bis(2-chloroethyl)ether, Hexachloro-1,3-butadiene, Hexachlorobenzene and Pentachlorophenol
WG2489487	L1847543-10	2,4-Dimethylphenol, 2,4-Dinitrophenol, 4,6-Dinitro-2-methylphenol, 4-Chlorophenyl-phenylether, Bis(2-chloroethyl)ether, Hexachloro-1,3-butadiene, Hexachlorobenzene and Pentachlorophenol
WG2489487	L1847543-11	2,4-Dimethylphenol, 2,4-Dinitrophenol, 4,6-Dinitro-2-methylphenol, 4-Chlorophenyl-phenylether, Bis(2-chloroethyl)ether, Hexachloro-1,3-butadiene, Hexachlorobenzene and Pentachlorophenol
WG2489487	L1847543-12	2,4-Dimethylphenol, 2,4-Dinitrophenol, 4,6-Dinitro-2-methylphenol, 4-Chlorophenyl-phenylether, Bis(2-chloroethyl)ether, Hexachloro-1,3-butadiene, Hexachlorobenzene and Pentachlorophenol
WG2489487	L1847543-13	2,4-Dimethylphenol, 2,4-Dinitrophenol, 4,6-Dinitro-2-methylphenol, 4-Chlorophenyl-phenylether, Bis(2-chloroethyl)ether, Hexachloro-1,3-butadiene, Hexachlorobenzene and Pentachlorophenol

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

Batch	Lab Sample ID	Analytes
WG2489482	(MS) R4199028-3	Hexachlorocyclopentadiene

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

Batch	Lab Sample ID	Analytes
WG2489482	(MSD) R4199028-4	Fluoranthene and Phenanthrene

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	73.6		1	04/13/2025 12:55	WG2489485

Wet Chemistry by Method 7199

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	ug/kg		ug/kg	ug/kg		date / time	
Hexavalent Chromium	U		515	1360	1	04/14/2025 06:55	WG2489614

Mercury by Method 7471B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	ug/kg		ug/kg	ug/kg		date / time	
Mercury	U		28.0	54.4	1	04/13/2025 19:27	WG2489622

Metals (ICP) by Method 6010D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	ug/kg		ug/kg	ug/kg		date / time	
Aluminum	3540000		8260	27200	1	04/13/2025 22:37	WG2489658
Antimony	U		939	2720	1	04/13/2025 22:37	WG2489658
Arsenic	2110	J	1140	2720	1	04/13/2025 22:37	WG2489658
Barium	67500		116	680	1	04/13/2025 22:37	WG2489658
Beryllium	449		64.8	272	1	04/13/2025 22:37	WG2489658
Cadmium	261	J	88.8	680	1	04/13/2025 22:37	WG2489658
Calcium	10400000		25800	136000	1	04/13/2025 22:37	WG2489658
Chromium	4490		291	1360	1	04/13/2025 22:37	WG2489658
Cobalt	3530		241	1360	1	04/13/2025 22:37	WG2489658
Copper	13800		485	2720	1	04/13/2025 22:37	WG2489658
Iron	10700000		3040	13600	1	04/13/2025 22:37	WG2489658
Lead	7790		443	680	1	04/13/2025 22:37	WG2489658
Magnesium	2110000		27000	136000	1	04/13/2025 22:37	WG2489658
Manganese	414000		235	1360	1	04/13/2025 22:37	WG2489658
Nickel	6630		272	2720	1	04/13/2025 22:37	WG2489658
Potassium	1360000		28400	136000	1	04/13/2025 22:37	WG2489658
Selenium	U		1450	2720	1	04/13/2025 22:37	WG2489658
Silver	190	J	173	1360	1	04/13/2025 22:37	WG2489658
Sodium	370000		56000	136000	1	04/13/2025 22:37	WG2489658
Thallium	U		704	2720	1	04/13/2025 22:37	WG2489658
Vanadium	12700		521	2720	1	04/13/2025 22:37	WG2489658
Zinc	42100		1320	6800	1	04/13/2025 22:37	WG2489658

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

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	ug/kg		ug/kg	ug/kg		date / time	
TPH (GC/FID) Low Fraction	32.6	B J	29.5	136	1	04/14/2025 03:56	WG2489580
(S) a,a,a-Trifluorotoluene(FID)	*99.4*			*77.0-120*		*04/14/2025 03:56*	WG2489580

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

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	ug/kg		ug/kg	ug/kg		date / time	
Acetone	U		62.7	85.9	1	04/13/2025 22:58	WG2489584
Acrylonitrile	U		6.20	21.5	1	04/13/2025 22:58	WG2489584
Benzene	U		0.802	1.72	1	04/13/2025 22:58	WG2489584
Bromobenzene	U		1.55	21.5	1	04/13/2025 22:58	WG2489584
Bromodichloromethane	U		1.25	4.30	1	04/13/2025 22:58	WG2489584
Bromoform	U		2.01	43.0	1	04/13/2025 22:58	WG2489584

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
Bromomethane	U	C3 J4	3.38	21.5	1	04/13/2025 22:58	WG2489584
n-Butylbenzene	U		9.02	21.5	1	04/13/2025 22:58	WG2489584
sec-Butylbenzene	U		4.95	21.5	1	04/13/2025 22:58	WG2489584
tert-Butylbenzene	U		3.35	8.59	1	04/13/2025 22:58	WG2489584
Carbon tetrachloride	U		1.54	8.59	1	04/13/2025 22:58	WG2489584
Chlorobenzene	U		0.361	4.30	1	04/13/2025 22:58	WG2489584
Chlorodibromomethane	U		1.05	4.30	1	04/13/2025 22:58	WG2489584
Chloroethane	U	C3 J4	2.92	8.59	1	04/13/2025 22:58	WG2489584
Chloroform	U		1.77	4.30	1	04/13/2025 22:58	WG2489584
Chloromethane	U	C3	7.47	21.5	1	04/13/2025 22:58	WG2489584
2-Chlorotoluene	U		1.49	4.30	1	04/13/2025 22:58	WG2489584
4-Chlorotoluene	U		0.773	8.59	1	04/13/2025 22:58	WG2489584
1,2-Dibromo-3-Chloropropane	U		6.70	43.0	1	04/13/2025 22:58	WG2489584
1,2-Dibromoethane	U		1.11	4.30	1	04/13/2025 22:58	WG2489584
Dibromomethane	U		1.29	8.59	1	04/13/2025 22:58	WG2489584
1,2-Dichlorobenzene	U		0.730	8.59	1	04/13/2025 22:58	WG2489584
1,3-Dichlorobenzene	U		1.03	8.59	1	04/13/2025 22:58	WG2489584
1,4-Dichlorobenzene	U		1.20	8.59	1	04/13/2025 22:58	WG2489584
Dichlorodifluoromethane	U	C3	2.77	8.59	1	04/13/2025 22:58	WG2489584
1,1-Dichloroethane	U		0.844	4.30	1	04/13/2025 22:58	WG2489584
1,2-Dichloroethane	U		1.12	4.30	1	04/13/2025 22:58	WG2489584
1,1-Dichloroethene	U	C3	1.04	4.30	1	04/13/2025 22:58	WG2489584
cis-1,2-Dichloroethene	U		1.26	4.30	1	04/13/2025 22:58	WG2489584
trans-1,2-Dichloroethene	U	C3	1.79	8.59	1	04/13/2025 22:58	WG2489584
1,2-Dichloropropane	U		2.44	8.59	1	04/13/2025 22:58	WG2489584
1,1-Dichloropropene	U		1.39	4.30	1	04/13/2025 22:58	WG2489584
1,3-Dichloropropane	U		0.861	8.59	1	04/13/2025 22:58	WG2489584
cis-1,3-Dichloropropene	U		1.30	4.30	1	04/13/2025 22:58	WG2489584
trans-1,3-Dichloropropene	U		1.96	8.59	1	04/13/2025 22:58	WG2489584
2,2-Dichloropropane	U		2.37	4.30	1	04/13/2025 22:58	WG2489584
Di-isopropyl ether	U		0.704	1.72	1	04/13/2025 22:58	WG2489584
Ethylbenzene	U		1.27	4.30	1	04/13/2025 22:58	WG2489584
Hexachloro-1,3-butadiene	U		10.3	43.0	1	04/13/2025 22:58	WG2489584
Isopropylbenzene	U		0.730	4.30	1	04/13/2025 22:58	WG2489584
p-Isopropyltoluene	U		4.38	8.59	1	04/13/2025 22:58	WG2489584
2-Butanone (MEK)	U		109	172	1	04/13/2025 22:58	WG2489584
Methylene Chloride	U	C3	11.4	43.0	1	04/13/2025 22:58	WG2489584
4-Methyl-2-pentanone (MIBK)	U		3.92	43.0	1	04/13/2025 22:58	WG2489584
Methyl tert-butyl ether	U		0.601	1.72	1	04/13/2025 22:58	WG2489584
Naphthalene	U		8.39	21.5	1	04/13/2025 22:58	WG2489584
n-Propylbenzene	U		1.63	8.59	1	04/13/2025 22:58	WG2489584
Styrene	U		0.393	21.5	1	04/13/2025 22:58	WG2489584
1,1,1,2-Tetrachloroethane	U		1.63	4.30	1	04/13/2025 22:58	WG2489584
1,1,2,2-Tetrachloroethane	U	C3	1.19	4.30	1	04/13/2025 22:58	WG2489584
1,1,2-Trichlorotrifluoroethane	U		1.30	4.30	1	04/13/2025 22:58	WG2489584
Tetrachloroethene	U		1.54	4.30	1	04/13/2025 22:58	WG2489584
Toluene	3.69	B J	2.23	8.59	1	04/13/2025 22:58	WG2489584
1,2,3-Trichlorobenzene	U	J4	12.6	21.5	1	04/13/2025 22:58	WG2489584
1,2,4-Trichlorobenzene	U		7.56	21.5	1	04/13/2025 22:58	WG2489584
1,1,1-Trichloroethane	U		1.59	4.30	1	04/13/2025 22:58	WG2489584
1,1,2-Trichloroethane	U		1.03	4.30	1	04/13/2025 22:58	WG2489584
Trichloroethene	U		1.00	1.72	1	04/13/2025 22:58	WG2489584
Trichlorofluoromethane	U		1.42	4.30	1	04/13/2025 22:58	WG2489584
1,2,3-Trichloropropane	U		2.78	21.5	1	04/13/2025 22:58	WG2489584
1,2,4-Trimethylbenzene	U		2.71	8.59	1	04/13/2025 22:58	WG2489584
1,2,3-Trimethylbenzene	U		2.71	8.59	1	04/13/2025 22:58	WG2489584

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
1,3,5-Trimethylbenzene	U		3.44	8.59	1	04/13/2025 22:58	WG2489584
Vinyl chloride	U	C3 J4	1.99	4.30	1	04/13/2025 22:58	WG2489584
Xylenes, Total	U		1.51	11.2	1	04/13/2025 22:58	WG2489584
(S) Toluene-d8	*116*			*75.0-131*		*04/13/2025 22:58*	WG2489584
(S) 4-Bromofluorobenzene	*91.5*			*67.0-138*		*04/13/2025 22:58*	WG2489584
(S) 1,2-Dichloroethane-d4	*101*			*70.0-130*		*04/13/2025 22:58*	WG2489584

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry) ug/kg	Qualifier	MDL (dry) ug/kg	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	5420	J	2190	5440	1	04/13/2025 22:59	WG2489493
C28-C36 Motor Oil Range	37800		372	5440	1	04/13/2025 22:59	WG2489493
(S) o-Terphenyl	*34.1*			*18.0-148*		*04/13/2025 22:59*	WG2489493

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
Acenaphthene	U		14.7	90.5	2	04/14/2025 04:25	WG2489482
Acenaphthylene	U		12.7	90.5	2	04/14/2025 04:25	WG2489482
Anthracene	U		16.2	90.5	2	04/14/2025 04:25	WG2489482
Benzidine	U		170	4540	2	04/14/2025 04:25	WG2489482
Benzo(a)anthracene	U		15.9	90.5	2	04/14/2025 04:25	WG2489482
Benzo(b)fluoranthene	U		16.9	90.5	2	04/14/2025 04:25	WG2489482
Benzo(k)fluoranthene	U		16.0	90.5	2	04/14/2025 04:25	WG2489482
Benzo(g,h,i)perylene	U		16.6	90.5	2	04/14/2025 04:25	WG2489482
Benzo(a)pyrene	U	C3	16.9	90.5	2	04/14/2025 04:25	WG2489482
Bis(2-chlorethoxy)methane	U		27.2	905	2	04/14/2025 04:25	WG2489482
Bis(2-chloroethyl)ether	U	C3	29.9	905	2	04/14/2025 04:25	WG2489482
2,2-Oxybis(1-Chloropropane)	U		39.1	905	2	04/14/2025 04:25	WG2489482
4-Bromophenyl-phenylether	U		31.8	905	2	04/14/2025 04:25	WG2489482
2-Chloronaphthalene	U		15.9	90.5	2	04/14/2025 04:25	WG2489482
4-Chlorophenyl-phenylether	U		31.5	905	2	04/14/2025 04:25	WG2489482
Chrysene	U		17.9	90.5	2	04/14/2025 04:25	WG2489482
Dibenz(a,h)anthracene	U		25.1	90.5	2	04/14/2025 04:25	WG2489482
1,2-Dichlorobenzene	U		26.8	905	2	04/14/2025 04:25	WG2489482
1,3-Dichlorobenzene	U		27.5	905	2	04/14/2025 04:25	WG2489482
1,4-Dichlorobenzene	U		26.9	905	2	04/14/2025 04:25	WG2489482
3,3-Dichlorobenzidine	U		33.4	905	2	04/14/2025 04:25	WG2489482
2,4-Dinitrotoluene	U		26.0	905	2	04/14/2025 04:25	WG2489482
2,6-Dinitrotoluene	U		29.6	905	2	04/14/2025 04:25	WG2489482
Fluoranthene	U	C3	16.3	90.5	2	04/14/2025 04:25	WG2489482
Fluorene	U		14.7	90.5	2	04/14/2025 04:25	WG2489482
Hexachlorobenzene	U	C3	32.1	905	2	04/14/2025 04:25	WG2489482
Hexachloro-1,3-butadiene	U	C3	30.4	905	2	04/14/2025 04:25	WG2489482
Hexachlorocyclopentadiene	U		47.6	905	2	04/14/2025 04:25	WG2489482
Hexachloroethane	U		35.6	905	2	04/14/2025 04:25	WG2489482
Indeno(1,2,3-cd)pyrene	U		25.6	90.5	2	04/14/2025 04:25	WG2489482
Isophorone	U		27.7	905	2	04/14/2025 04:25	WG2489482
Naphthalene	U	C3	22.7	90.5	2	04/14/2025 04:25	WG2489482
Nitrobenzene	U		31.5	905	2	04/14/2025 04:25	WG2489482
n-Nitrosodimethylamine	U		134	905	2	04/14/2025 04:25	WG2489482
n-Nitrosodiphenylamine	U		68.5	905	2	04/14/2025 04:25	WG2489482
n-Nitrosodi-n-propylamine	U		30.2	905	2	04/14/2025 04:25	WG2489482
Phenanthrene	U		17.9	90.5	2	04/14/2025 04:25	WG2489482
Benzylbutyl phthalate	U		28.3	905	2	04/14/2025 04:25	WG2489482

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
Bis(2-ethylhexyl)phthalate	U		115	905	2	04/14/2025 04:25	WG2489482
Di-n-butyl phthalate	U		31.0	905	2	04/14/2025 04:25	WG2489482
Diethyl phthalate	U		29.9	905	2	04/14/2025 04:25	WG2489482
Dimethyl phthalate	U		192	905	2	04/14/2025 04:25	WG2489482
Di-n-octyl phthalate	U		61.2	905	2	04/14/2025 04:25	WG2489482
Pyrene	U		17.7	90.5	2	04/14/2025 04:25	WG2489482
1,2,4-Trichlorobenzene	U		28.3	905	2	04/14/2025 04:25	WG2489482
4-Chloro-3-methylphenol	U		29.4	905	2	04/14/2025 04:25	WG2489482
2-Chlorophenol	U		29.9	905	2	04/14/2025 04:25	WG2489482
2,4-Dichlorophenol	U		26.4	905	2	04/14/2025 04:25	WG2489482
2,4-Dimethylphenol	U	C3	23.6	905	2	04/14/2025 04:25	WG2489482
4,6-Dinitro-2-methylphenol	U	C3	205	905	2	04/14/2025 04:25	WG2489482
2,4-Dinitrophenol	U		212	905	2	04/14/2025 04:25	WG2489482
2-Nitrophenol	U		32.3	905	2	04/14/2025 04:25	WG2489482
4-Nitrophenol	U		28.3	905	2	04/14/2025 04:25	WG2489482
Pentachlorophenol	U	C3	24.3	905	2	04/14/2025 04:25	WG2489482
Phenol	U		36.4	905	2	04/14/2025 04:25	WG2489482
2,4,6-Trichlorophenol	U		29.1	905	2	04/14/2025 04:25	WG2489482
(S) 2-Fluorophenol	*66.5*			*12.0-120*		*04/14/2025 04:25*	WG2489482
(S) Phenol-d5	*62.4*			*10.0-120*		*04/14/2025 04:25*	WG2489482
(S) Nitrobenzene-d5	*56.8*			*10.0-122*		*04/14/2025 04:25*	WG2489482
(S) 2-Fluorobiphenyl	*58.0*			*15.0-120*		*04/14/2025 04:25*	WG2489482
(S) 2,4,6-Tribromophenol	*53.9*			*10.0-127*		*04/14/2025 04:25*	WG2489482
(S) p-Terphenyl-d14	*64.4*			*10.0-120*		*04/14/2025 04:25*	WG2489482

Sample Narrative:

L1847543-01 WG2489482: Dilution due to matrix impact during extract concentration procedure

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	69.0		1	04/13/2025 12:55	WG2489485

Wet Chemistry by Method 7199

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	ug/kg		ug/kg	ug/kg		date / time	
Hexavalent Chromium	U		549	1450	1	04/14/2025 07:31	WG2489614

Mercury by Method 7471B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	ug/kg		ug/kg	ug/kg		date / time	
Mercury	U		29.8	58.0	1	04/13/2025 20:17	WG2489637

Metals (ICP) by Method 6010D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	ug/kg		ug/kg	ug/kg		date / time	
Aluminum	5330000		8810	29000	1	04/13/2025 22:39	WG2489658
Antimony	U		1000	2900	1	04/13/2025 22:39	WG2489658
Arsenic	3460		1210	2900	1	04/13/2025 22:39	WG2489658
Barium	111000		123	724	1	04/13/2025 22:39	WG2489658
Beryllium	571		69.1	290	1	04/13/2025 22:39	WG2489658
Cadmium	361	J	94.6	724	1	04/13/2025 22:39	WG2489658
Calcium	15200000		27500	145000	1	04/13/2025 22:39	WG2489658
Chromium	6620		310	1450	1	04/13/2025 22:39	WG2489658
Cobalt	5340		256	1450	1	04/13/2025 22:39	WG2489658
Copper	21800		517	2900	1	04/13/2025 22:39	WG2489658
Iron	9670000		3250	14500	1	04/13/2025 22:39	WG2489658
Lead	10100		472	724	1	04/13/2025 22:39	WG2489658
Magnesium	3490000		28800	145000	1	04/13/2025 22:39	WG2489658
Manganese	471000		251	1450	1	04/13/2025 22:39	WG2489658
Nickel	9760		290	2900	1	04/13/2025 22:39	WG2489658
Potassium	2540000		30300	145000	1	04/13/2025 22:39	WG2489658
Selenium	U		1550	2900	1	04/13/2025 22:39	WG2489658
Silver	U		184	1450	1	04/13/2025 22:39	WG2489658
Sodium	478000		59700	145000	1	04/13/2025 22:39	WG2489658
Thallium	U		750	2900	1	04/13/2025 22:39	WG2489658
Vanadium	16000		555	2900	1	04/13/2025 22:39	WG2489658
Zinc	58500		1410	7240	1	04/13/2025 22:39	WG2489658

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

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	ug/kg		ug/kg	ug/kg		date / time	
TPH (GC/FID) Low Fraction	69.7	B J	31.4	145	1	04/14/2025 04:20	WG2489580
(S) a,a,a-Trifluorotoluene(FID)	*98.3*			*77.0-120*		*04/14/2025 04:20*	WG2489580

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

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	ug/kg		ug/kg	ug/kg		date / time	
Acetone	U		69.4	95.1	1	04/14/2025 12:16	WG2489856
Acrylonitrile	U		6.87	23.8	1	04/14/2025 12:16	WG2489856
Benzene	U	J3	0.888	1.90	1	04/14/2025 12:16	WG2489856
Bromobenzene	U		1.71	23.8	1	04/14/2025 12:16	WG2489856
Bromodichloromethane	U		1.38	4.76	1	04/14/2025 12:16	WG2489856
Bromoform	U		2.23	47.6	1	04/14/2025 12:16	WG2489856

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
Bromomethane	U	J3	3.75	23.8	1	04/14/2025 12:16	WG2489856
n-Butylbenzene	U		9.99	23.8	1	04/14/2025 12:16	WG2489856
sec-Butylbenzene	U		5.48	23.8	1	04/14/2025 12:16	WG2489856
tert-Butylbenzene	U		3.71	9.51	1	04/14/2025 12:16	WG2489856
Carbon tetrachloride	U		1.71	9.51	1	04/14/2025 12:16	WG2489856
Chlorobenzene	U		0.399	4.76	1	04/14/2025 12:16	WG2489856
Chlorodibromomethane	U		1.16	4.76	1	04/14/2025 12:16	WG2489856
Chloroethane	U	C3 J3 J4	3.23	9.51	1	04/14/2025 12:16	WG2489856
Chloroform	2.02	B J J3	1.96	4.76	1	04/14/2025 12:16	WG2489856
Chloromethane	U	J3	8.27	23.8	1	04/14/2025 12:16	WG2489856
2-Chlorotoluene	U		1.65	4.76	1	04/14/2025 12:16	WG2489856
4-Chlorotoluene	U		0.856	9.51	1	04/14/2025 12:16	WG2489856
1,2-Dibromo-3-Chloropropane	U	C3	7.42	47.6	1	04/14/2025 12:16	WG2489856
1,2-Dibromoethane	U		1.23	4.76	1	04/14/2025 12:16	WG2489856
Dibromomethane	U		1.43	9.51	1	04/14/2025 12:16	WG2489856
1,2-Dichlorobenzene	U		0.808	9.51	1	04/14/2025 12:16	WG2489856
1,3-Dichlorobenzene	U		1.14	9.51	1	04/14/2025 12:16	WG2489856
1,4-Dichlorobenzene	U	J3	1.33	9.51	1	04/14/2025 12:16	WG2489856
Dichlorodifluoromethane	U	J3	3.06	9.51	1	04/14/2025 12:16	WG2489856
1,1-Dichloroethane	U		0.934	4.76	1	04/14/2025 12:16	WG2489856
1,2-Dichloroethane	U		1.23	4.76	1	04/14/2025 12:16	WG2489856
1,1-Dichloroethene	U		1.15	4.76	1	04/14/2025 12:16	WG2489856
cis-1,2-Dichloroethene	U		1.40	4.76	1	04/14/2025 12:16	WG2489856
trans-1,2-Dichloroethene	U	J3	1.98	9.51	1	04/14/2025 12:16	WG2489856
1,2-Dichloropropane	U		2.70	9.51	1	04/14/2025 12:16	WG2489856
1,1-Dichloropropene	U	J3	1.54	4.76	1	04/14/2025 12:16	WG2489856
1,3-Dichloropropane	U		0.953	9.51	1	04/14/2025 12:16	WG2489856
cis-1,3-Dichloropropene	U	J3	1.44	4.76	1	04/14/2025 12:16	WG2489856
trans-1,3-Dichloropropene	U		2.17	9.51	1	04/14/2025 12:16	WG2489856
2,2-Dichloropropane	U	J3	2.62	4.76	1	04/14/2025 12:16	WG2489856
Di-isopropyl ether	U		0.780	1.90	1	04/14/2025 12:16	WG2489856
Ethylbenzene	U	J3	1.40	4.76	1	04/14/2025 12:16	WG2489856
Hexachloro-1,3-butadiene	U		11.4	47.6	1	04/14/2025 12:16	WG2489856
Isopropylbenzene	U		0.808	4.76	1	04/14/2025 12:16	WG2489856
p-Isopropyltoluene	U		4.85	9.51	1	04/14/2025 12:16	WG2489856
2-Butanone (MEK)	U		121	190	1	04/14/2025 12:16	WG2489856
Methylene Chloride	U		12.6	47.6	1	04/14/2025 12:16	WG2489856
4-Methyl-2-pentanone (MIBK)	U		4.34	47.6	1	04/14/2025 12:16	WG2489856
Methyl tert-butyl ether	U		0.666	1.90	1	04/14/2025 12:16	WG2489856
Naphthalene	U	C3	9.28	23.8	1	04/14/2025 12:16	WG2489856
n-Propylbenzene	U		1.81	9.51	1	04/14/2025 12:16	WG2489856
Styrene	U		0.436	23.8	1	04/14/2025 12:16	WG2489856
1,1,1,2-Tetrachloroethane	U		1.80	4.76	1	04/14/2025 12:16	WG2489856
1,1,2,2-Tetrachloroethane	U		1.32	4.76	1	04/14/2025 12:16	WG2489856
1,1,2-Trichlorotrifluoroethane	U		1.43	4.76	1	04/14/2025 12:16	WG2489856
Tetrachloroethene	U	J3	1.70	4.76	1	04/14/2025 12:16	WG2489856
Toluene	5.52	B J J3	2.47	9.51	1	04/14/2025 12:16	WG2489856
1,2,3-Trichlorobenzene	U		13.9	23.8	1	04/14/2025 12:16	WG2489856
1,2,4-Trichlorobenzene	U		8.37	23.8	1	04/14/2025 12:16	WG2489856
1,1,1-Trichloroethane	U	J3	1.76	4.76	1	04/14/2025 12:16	WG2489856
1,1,2-Trichloroethane	U		1.14	4.76	1	04/14/2025 12:16	WG2489856
Trichloroethene	U	J3	1.11	1.90	1	04/14/2025 12:16	WG2489856
Trichlorofluoromethane	U	J3	1.57	4.76	1	04/14/2025 12:16	WG2489856
1,2,3-Trichloropropane	U		3.08	23.8	1	04/14/2025 12:16	WG2489856
1,2,4-Trimethylbenzene	U		3.01	9.51	1	04/14/2025 12:16	WG2489856
1,2,3-Trimethylbenzene	U		3.01	9.51	1	04/14/2025 12:16	WG2489856

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
1,3,5-Trimethylbenzene	U	J3	3.80	9.51	1	04/14/2025 12:16	WG2489856
Vinyl chloride	U	J3	2.21	4.76	1	04/14/2025 12:16	WG2489856
Xylenes, Total	U		1.67	12.4	1	04/14/2025 12:16	WG2489856
(S) Toluene-d8	*104*			*75.0-131*		*04/14/2025 12:16*	WG2489856
(S) 4-Bromofluorobenzene	*96.1*			*67.0-138*		*04/14/2025 12:16*	WG2489856
(S) 1,2-Dichloroethane-d4	*95.3*			*70.0-130*		*04/14/2025 12:16*	WG2489856

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry) ug/kg	Qualifier	MDL (dry) ug/kg	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	6710		2330	5800	1	04/13/2025 19:43	WG2489493
C28-C36 Motor Oil Range	16400		397	5800	1	04/13/2025 19:43	WG2489493
(S) o-Terphenyl	*53.8*			*18.0-148*		*04/13/2025 19:43*	WG2489493

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
Acenaphthene	U		7.81	48.2	1	04/14/2025 01:47	WG2489482
Acenaphthylene	U		6.79	48.2	1	04/14/2025 01:47	WG2489482
Anthracene	U		8.59	48.2	1	04/14/2025 01:47	WG2489482
Benzidine	U		90.7	2420	1	04/14/2025 01:47	WG2489482
Benzo(a)anthracene	U		8.50	48.2	1	04/14/2025 01:47	WG2489482
Benzo(b)fluoranthene	U		9.00	48.2	1	04/14/2025 01:47	WG2489482
Benzo(k)fluoranthene	U		8.58	48.2	1	04/14/2025 01:47	WG2489482
Benzo(g,h,i)perylene	U		8.82	48.2	1	04/14/2025 01:47	WG2489482
Benzo(a)pyrene	U	C3	8.97	48.2	1	04/14/2025 01:47	WG2489482
Bis(2-chlorethoxy)methane	U		14.5	482	1	04/14/2025 01:47	WG2489482
Bis(2-chloroethyl)ether	U	C3	15.9	482	1	04/14/2025 01:47	WG2489482
2,2-Oxybis(1-Chloropropane)	U		20.9	482	1	04/14/2025 01:47	WG2489482
4-Bromophenyl-phenylether	U		17.0	482	1	04/14/2025 01:47	WG2489482
2-Chloronaphthalene	U		8.48	48.2	1	04/14/2025 01:47	WG2489482
4-Chlorophenyl-phenylether	U		16.8	482	1	04/14/2025 01:47	WG2489482
Chrysene	U		9.59	48.2	1	04/14/2025 01:47	WG2489482
Dibenz(a,h)anthracene	U		13.4	48.2	1	04/14/2025 01:47	WG2489482
1,2-Dichlorobenzene	U		14.3	482	1	04/14/2025 01:47	WG2489482
1,3-Dichlorobenzene	U		14.6	482	1	04/14/2025 01:47	WG2489482
1,4-Dichlorobenzene	U		14.4	482	1	04/14/2025 01:47	WG2489482
3,3-Dichlorobenzidine	U		17.8	482	1	04/14/2025 01:47	WG2489482
2,4-Dinitrotoluene	U		13.8	482	1	04/14/2025 01:47	WG2489482
2,6-Dinitrotoluene	U		15.8	482	1	04/14/2025 01:47	WG2489482
Fluoranthene	U	C3	8.71	48.2	1	04/14/2025 01:47	WG2489482
Fluorene	U		7.85	48.2	1	04/14/2025 01:47	WG2489482
Hexachlorobenzene	U	C3	17.1	482	1	04/14/2025 01:47	WG2489482
Hexachloro-1,3-butadiene	U	C3	16.2	482	1	04/14/2025 01:47	WG2489482
Hexachlorocyclopentadiene	U		25.4	482	1	04/14/2025 01:47	WG2489482
Hexachloroethane	U		19.0	482	1	04/14/2025 01:47	WG2489482
Indeno(1,2,3-cd)pyrene	U		13.6	48.2	1	04/14/2025 01:47	WG2489482
Isophorone	U		14.8	482	1	04/14/2025 01:47	WG2489482
Naphthalene	U	C3	12.1	48.2	1	04/14/2025 01:47	WG2489482
Nitrobenzene	U		16.8	482	1	04/14/2025 01:47	WG2489482
n-Nitrosodimethylamine	U		71.6	482	1	04/14/2025 01:47	WG2489482
n-Nitrosodiphenylamine	U		36.5	482	1	04/14/2025 01:47	WG2489482
n-Nitrosodi-n-propylamine	U		16.1	482	1	04/14/2025 01:47	WG2489482
Phenanthrene	U		9.58	48.2	1	04/14/2025 01:47	WG2489482
Benzylbutyl phthalate	U		15.1	482	1	04/14/2025 01:47	WG2489482

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
Bis(2-ethylhexyl)phthalate	U		61.1	482	1	04/14/2025 01:47	WG2489482
Di-n-butyl phthalate	U		16.5	482	1	04/14/2025 01:47	WG2489482
Diethyl phthalate	U		15.9	482	1	04/14/2025 01:47	WG2489482
Dimethyl phthalate	U		102	482	1	04/14/2025 01:47	WG2489482
Di-n-octyl phthalate	U		32.6	482	1	04/14/2025 01:47	WG2489482
Pyrene	U		9.39	48.2	1	04/14/2025 01:47	WG2489482
1,2,4-Trichlorobenzene	U		15.1	482	1	04/14/2025 01:47	WG2489482
4-Chloro-3-methylphenol	U		15.6	482	1	04/14/2025 01:47	WG2489482
2-Chlorophenol	U		15.9	482	1	04/14/2025 01:47	WG2489482
2,4-Dichlorophenol	U		14.1	482	1	04/14/2025 01:47	WG2489482
2,4-Dimethylphenol	U	C3	12.6	482	1	04/14/2025 01:47	WG2489482
4,6-Dinitro-2-methylphenol	U	C3	109	482	1	04/14/2025 01:47	WG2489482
2,4-Dinitrophenol	U		113	482	1	04/14/2025 01:47	WG2489482
2-Nitrophenol	U		17.2	482	1	04/14/2025 01:47	WG2489482
4-Nitrophenol	U		15.1	482	1	04/14/2025 01:47	WG2489482
Pentachlorophenol	U	C3	13.0	482	1	04/14/2025 01:47	WG2489482
Phenol	U		19.4	482	1	04/14/2025 01:47	WG2489482
2,4,6-Trichlorophenol	U		15.5	482	1	04/14/2025 01:47	WG2489482
(S) 2-Fluorophenol	*66.6*			*12.0-120*		*04/14/2025 01:47*	WG2489482
(S) Phenol-d5	*58.8*			*10.0-120*		*04/14/2025 01:47*	WG2489482
(S) Nitrobenzene-d5	*53.8*			*10.0-122*		*04/14/2025 01:47*	WG2489482
(S) 2-Fluorobiphenyl	*52.3*			*15.0-120*		*04/14/2025 01:47*	WG2489482
(S) 2,4,6-Tribromophenol	*45.8*			*10.0-127*		*04/14/2025 01:47*	WG2489482
(S) p-Terphenyl-d14	*54.1*			*10.0-120*		*04/14/2025 01:47*	WG2489482

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	68.6		1	04/13/2025 12:55	WG2489485

Wet Chemistry by Method 7199

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	ug/kg		ug/kg	ug/kg		date / time	
Hexavalent Chromium	U		552	1460	1	04/14/2025 07:40	WG2489614

Mercury by Method 7471B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	ug/kg		ug/kg	ug/kg		date / time	
Mercury	U		30.0	58.3	1	04/13/2025 19:29	WG2489622

Metals (ICP) by Method 6010D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	ug/kg		ug/kg	ug/kg		date / time	
Aluminum	5270000	J6	8860	29200	1	04/13/2025 22:27	WG2489658
Antimony	U	J6	1010	2920	1	04/13/2025 22:27	WG2489658
Arsenic	3910		1220	2920	1	04/13/2025 22:27	WG2489658
Barium	103000		124	729	1	04/13/2025 22:27	WG2489658
Beryllium	562		69.5	292	1	04/13/2025 22:27	WG2489658
Cadmium	283	J	95.2	729	1	04/13/2025 22:27	WG2489658
Calcium	12200000	V	27700	146000	1	04/13/2025 22:27	WG2489658
Chromium	6510		312	1460	1	04/13/2025 22:27	WG2489658
Cobalt	4980		258	1460	1	04/13/2025 22:27	WG2489658
Copper	19600		520	2920	1	04/13/2025 22:27	WG2489658
Iron	9880000	V	3270	14600	1	04/13/2025 22:27	WG2489658
Lead	9650		475	729	1	04/13/2025 22:27	WG2489658
Magnesium	2960000		29000	146000	1	04/13/2025 22:27	WG2489658
Manganese	503000	J5	252	1460	1	04/13/2025 22:27	WG2489658
Nickel	9380		292	2920	1	04/13/2025 22:27	WG2489658
Potassium	1840000	J6	30500	146000	1	04/13/2025 22:27	WG2489658
Selenium	U		1560	2920	1	04/13/2025 22:27	WG2489658
Silver	U		185	1460	1	04/13/2025 22:27	WG2489658
Sodium	463000		60100	146000	1	04/13/2025 22:27	WG2489658
Thallium	U		755	2920	1	04/13/2025 22:27	WG2489658
Vanadium	14600		558	2920	1	04/13/2025 22:27	WG2489658
Zinc	57200	J6	1420	7290	1	04/13/2025 22:27	WG2489658

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

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	ug/kg		ug/kg	ug/kg		date / time	
TPH (GC/FID) Low Fraction	56.4	B J	31.6	146	1	04/14/2025 04:44	WG2489580
(S) a,a,a-Trifluorotoluene(FID)	*98.9*			*77.0-120*		*04/14/2025 04:44*	WG2489580

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

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	ug/kg		ug/kg	ug/kg		date / time	
Acetone	U		69.9	95.8	1	04/13/2025 17:03	WG2489584
Acrylonitrile	U		6.91	23.9	1	04/13/2025 17:03	WG2489584
Benzene	U		0.894	1.92	1	04/13/2025 17:03	WG2489584
Bromobenzene	U		1.72	23.9	1	04/13/2025 17:03	WG2489584
Bromodichloromethane	U		1.39	4.79	1	04/13/2025 17:03	WG2489584
Bromoform	U		2.24	47.9	1	04/13/2025 17:03	WG2489584

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
Bromomethane	U	C3 J4	3.77	23.9	1	04/13/2025 17:03	WG2489584
n-Butylbenzene	U		10.1	23.9	1	04/13/2025 17:03	WG2489584
sec-Butylbenzene	U		5.52	23.9	1	04/13/2025 17:03	WG2489584
tert-Butylbenzene	U		3.73	9.58	1	04/13/2025 17:03	WG2489584
Carbon tetrachloride	U		1.72	9.58	1	04/13/2025 17:03	WG2489584
Chlorobenzene	U		0.402	4.79	1	04/13/2025 17:03	WG2489584
Chlorodibromomethane	U		1.17	4.79	1	04/13/2025 17:03	WG2489584
Chloroethane	U	C3 J4	3.26	9.58	1	04/13/2025 17:03	WG2489584
Chloroform	U		1.97	4.79	1	04/13/2025 17:03	WG2489584
Chloromethane	U	C3	8.33	23.9	1	04/13/2025 17:03	WG2489584
2-Chlorotoluene	U		1.66	4.79	1	04/13/2025 17:03	WG2489584
4-Chlorotoluene	U		0.862	9.58	1	04/13/2025 17:03	WG2489584
1,2-Dibromo-3-Chloropropane	U		7.47	47.9	1	04/13/2025 17:03	WG2489584
1,2-Dibromoethane	U		1.24	4.79	1	04/13/2025 17:03	WG2489584
Dibromomethane	U		1.44	9.58	1	04/13/2025 17:03	WG2489584
1,2-Dichlorobenzene	U		0.814	9.58	1	04/13/2025 17:03	WG2489584
1,3-Dichlorobenzene	U		1.15	9.58	1	04/13/2025 17:03	WG2489584
1,4-Dichlorobenzene	U		1.34	9.58	1	04/13/2025 17:03	WG2489584
Dichlorodifluoromethane	U	C3	3.08	9.58	1	04/13/2025 17:03	WG2489584
1,1-Dichloroethane	U		0.940	4.79	1	04/13/2025 17:03	WG2489584
1,2-Dichloroethane	1.77	J	1.24	4.79	1	04/13/2025 17:03	WG2489584
1,1-Dichloroethene	U	C3	1.16	4.79	1	04/13/2025 17:03	WG2489584
cis-1,2-Dichloroethene	U		1.41	4.79	1	04/13/2025 17:03	WG2489584
trans-1,2-Dichloroethene	U	C3	1.99	9.58	1	04/13/2025 17:03	WG2489584
1,2-Dichloropropane	U		2.72	9.58	1	04/13/2025 17:03	WG2489584
1,1-Dichloropropene	U		1.55	4.79	1	04/13/2025 17:03	WG2489584
1,3-Dichloropropane	U		0.960	9.58	1	04/13/2025 17:03	WG2489584
cis-1,3-Dichloropropene	U		1.45	4.79	1	04/13/2025 17:03	WG2489584
trans-1,3-Dichloropropene	U		2.18	9.58	1	04/13/2025 17:03	WG2489584
2,2-Dichloropropane	U		2.64	4.79	1	04/13/2025 17:03	WG2489584
Di-isopropyl ether	U		0.785	1.92	1	04/13/2025 17:03	WG2489584
Ethylbenzene	U		1.41	4.79	1	04/13/2025 17:03	WG2489584
Hexachloro-1,3-butadiene	U		11.5	47.9	1	04/13/2025 17:03	WG2489584
Isopropylbenzene	U		0.814	4.79	1	04/13/2025 17:03	WG2489584
p-Isopropyltoluene	U		4.88	9.58	1	04/13/2025 17:03	WG2489584
2-Butanone (MEK)	U		122	192	1	04/13/2025 17:03	WG2489584
Methylene Chloride	U	C3	12.7	47.9	1	04/13/2025 17:03	WG2489584
4-Methyl-2-pentanone (MIBK)	U		4.37	47.9	1	04/13/2025 17:03	WG2489584
Methyl tert-butyl ether	U		0.670	1.92	1	04/13/2025 17:03	WG2489584
Naphthalene	U		9.35	23.9	1	04/13/2025 17:03	WG2489584
n-Propylbenzene	U		1.82	9.58	1	04/13/2025 17:03	WG2489584
Styrene	U		0.439	23.9	1	04/13/2025 17:03	WG2489584
1,1,1,2-Tetrachloroethane	U		1.82	4.79	1	04/13/2025 17:03	WG2489584
1,1,2,2-Tetrachloroethane	U	C3	1.33	4.79	1	04/13/2025 17:03	WG2489584
1,1,2-Trichlorotrifluoroethane	U		1.44	4.79	1	04/13/2025 17:03	WG2489584
Tetrachloroethene	U		1.72	4.79	1	04/13/2025 17:03	WG2489584
Toluene	4.48	B J	2.49	9.58	1	04/13/2025 17:03	WG2489584
1,2,3-Trichlorobenzene	U	J4	14.0	23.9	1	04/13/2025 17:03	WG2489584
1,2,4-Trichlorobenzene	U		8.43	23.9	1	04/13/2025 17:03	WG2489584
1,1,1-Trichloroethane	U		1.77	4.79	1	04/13/2025 17:03	WG2489584
1,1,2-Trichloroethane	U		1.14	4.79	1	04/13/2025 17:03	WG2489584
Trichloroethene	U		1.12	1.92	1	04/13/2025 17:03	WG2489584
Trichlorofluoromethane	U		1.58	4.79	1	04/13/2025 17:03	WG2489584
1,2,3-Trichloropropane	U		3.10	23.9	1	04/13/2025 17:03	WG2489584
1,2,4-Trimethylbenzene	U		3.03	9.58	1	04/13/2025 17:03	WG2489584
1,2,3-Trimethylbenzene	U		3.03	9.58	1	04/13/2025 17:03	WG2489584

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
1,3,5-Trimethylbenzene	U		3.83	9.58	1	04/13/2025 17:03	WG2489584
Vinyl chloride	U	C3 J4	2.22	4.79	1	04/13/2025 17:03	WG2489584
Xylenes, Total	U		1.69	12.4	1	04/13/2025 17:03	WG2489584
(S) Toluene-d8	*114*			*75.0-131*		*04/13/2025 17:03*	WG2489584
(S) 4-Bromofluorobenzene	*90.3*			*67.0-138*		*04/13/2025 17:03*	WG2489584
(S) 1,2-Dichloroethane-d4	*104*			*70.0-130*		*04/13/2025 17:03*	WG2489584

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry) ug/kg	Qualifier	MDL (dry) ug/kg	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	7510		2350	5830	1	04/13/2025 21:27	WG2489493
C28-C36 Motor Oil Range	35400		399	5830	1	04/13/2025 21:27	WG2489493
(S) o-Terphenyl	*40.3*			*18.0-148*		*04/13/2025 21:27*	WG2489493

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
Acenaphthene	U		7.86	48.5	1	04/14/2025 02:10	WG2489482
Acenaphthylene	U		6.84	48.5	1	04/14/2025 02:10	WG2489482
Anthracene	U		8.64	48.5	1	04/14/2025 02:10	WG2489482
Benzidine	U		91.2	2430	1	04/14/2025 02:10	WG2489482
Benzo(a)anthracene	U		8.56	48.5	1	04/14/2025 02:10	WG2489482
Benzo(b)fluoranthene	U		9.05	48.5	1	04/14/2025 02:10	WG2489482
Benzo(k)fluoranthene	U		8.63	48.5	1	04/14/2025 02:10	WG2489482
Benzo(g,h,i)perylene	U		8.88	48.5	1	04/14/2025 02:10	WG2489482
Benzo(a)pyrene	U	C3	9.02	48.5	1	04/14/2025 02:10	WG2489482
Bis(2-chlorethoxy)methane	U		14.6	485	1	04/14/2025 02:10	WG2489482
Bis(2-chloroethyl)ether	U	C3	16.0	485	1	04/14/2025 02:10	WG2489482
2,2-Oxybis(1-Chloropropane)	U		21.0	485	1	04/14/2025 02:10	WG2489482
4-Bromophenyl-phenylether	U		17.1	485	1	04/14/2025 02:10	WG2489482
2-Chloronaphthalene	U		8.53	48.5	1	04/14/2025 02:10	WG2489482
4-Chlorophenyl-phenylether	U		16.9	485	1	04/14/2025 02:10	WG2489482
Chrysene	U		9.65	48.5	1	04/14/2025 02:10	WG2489482
Dibenz(a,h)anthracene	U		13.5	48.5	1	04/14/2025 02:10	WG2489482
1,2-Dichlorobenzene	U		14.4	485	1	04/14/2025 02:10	WG2489482
1,3-Dichlorobenzene	U		14.7	485	1	04/14/2025 02:10	WG2489482
1,4-Dichlorobenzene	U		14.4	485	1	04/14/2025 02:10	WG2489482
3,3-Dichlorobenzidine	U		17.9	485	1	04/14/2025 02:10	WG2489482
2,4-Dinitrotoluene	U		13.9	485	1	04/14/2025 02:10	WG2489482
2,6-Dinitrotoluene	U		15.9	485	1	04/14/2025 02:10	WG2489482
Fluoranthene	U	C3	8.76	48.5	1	04/14/2025 02:10	WG2489482
Fluorene	U		7.90	48.5	1	04/14/2025 02:10	WG2489482
Hexachlorobenzene	U	C3	17.2	485	1	04/14/2025 02:10	WG2489482
Hexachloro-1,3-butadiene	U	C3	16.3	485	1	04/14/2025 02:10	WG2489482
Hexachlorocyclopentadiene	U		25.5	485	1	04/14/2025 02:10	WG2489482
Hexachloroethane	U		19.1	485	1	04/14/2025 02:10	WG2489482
Indeno(1,2,3-cd)pyrene	U		13.7	48.5	1	04/14/2025 02:10	WG2489482
Isophorone	U		14.9	485	1	04/14/2025 02:10	WG2489482
Naphthalene	U	C3	12.2	48.5	1	04/14/2025 02:10	WG2489482
Nitrobenzene	U		16.9	485	1	04/14/2025 02:10	WG2489482
n-Nitrosodimethylamine	U		72.0	485	1	04/14/2025 02:10	WG2489482
n-Nitrosodiphenylamine	U		36.7	485	1	04/14/2025 02:10	WG2489482
n-Nitrosodi-n-propylamine	U		16.2	485	1	04/14/2025 02:10	WG2489482
Phenanthrene	U		9.63	48.5	1	04/14/2025 02:10	WG2489482
Benzylbutyl phthalate	U		15.2	485	1	04/14/2025 02:10	WG2489482

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

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
Bis(2-ethylhexyl)phthalate	U		61.5	485	1	04/14/2025 02:10	WG2489482
Di-n-butyl phthalate	U		16.6	485	1	04/14/2025 02:10	WG2489482
Diethyl phthalate	U		16.0	485	1	04/14/2025 02:10	WG2489482
Dimethyl phthalate	U		103	485	1	04/14/2025 02:10	WG2489482
Di-n-octyl phthalate	U		32.8	485	1	04/14/2025 02:10	WG2489482
Pyrene	U		9.45	48.5	1	04/14/2025 02:10	WG2489482
1,2,4-Trichlorobenzene	U		15.2	485	1	04/14/2025 02:10	WG2489482
4-Chloro-3-methylphenol	U		15.7	485	1	04/14/2025 02:10	WG2489482
2-Chlorophenol	U		16.0	485	1	04/14/2025 02:10	WG2489482
2,4-Dichlorophenol	U		14.1	485	1	04/14/2025 02:10	WG2489482
2,4-Dimethylphenol	U	C3	12.7	485	1	04/14/2025 02:10	WG2489482
4,6-Dinitro-2-methylphenol	U	C3	110	485	1	04/14/2025 02:10	WG2489482
2,4-Dinitrophenol	U		114	485	1	04/14/2025 02:10	WG2489482
2-Nitrophenol	U		17.3	485	1	04/14/2025 02:10	WG2489482
4-Nitrophenol	U		15.2	485	1	04/14/2025 02:10	WG2489482
Pentachlorophenol	U	C3	13.1	485	1	04/14/2025 02:10	WG2489482
Phenol	U		19.5	485	1	04/14/2025 02:10	WG2489482
2,4,6-Trichlorophenol	U		15.6	485	1	04/14/2025 02:10	WG2489482
(S) 2-Fluorophenol	*75.4*			*12.0-120*		*04/14/2025 02:10*	WG2489482
(S) Phenol-d5	*67.9*			*10.0-120*		*04/14/2025 02:10*	WG2489482
(S) Nitrobenzene-d5	*63.8*			*10.0-122*		*04/14/2025 02:10*	WG2489482
(S) 2-Fluorobiphenyl	*61.7*			*15.0-120*		*04/14/2025 02:10*	WG2489482
(S) 2,4,6-Tribromophenol	*52.4*			*10.0-127*		*04/14/2025 02:10*	WG2489482
(S) p-Terphenyl-d14	*66.3*			*10.0-120*		*04/14/2025 02:10*	WG2489482

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	70.1		1	04/13/2025 12:55	WG2489485

Wet Chemistry by Method 7199

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	ug/kg		ug/kg	ug/kg		date / time	
Hexavalent Chromium	U		541	1430	1	04/14/2025 07:49	WG2489614

Mercury by Method 7471B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	ug/kg		ug/kg	ug/kg		date / time	
Mercury	U		29.4	57.1	1	04/13/2025 19:32	WG2489622

Metals (ICP) by Method 6010D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	ug/kg		ug/kg	ug/kg		date / time	
Aluminum	4140000		8680	28600	1	04/13/2025 22:41	WG2489658
Antimony	U		986	2860	1	04/13/2025 22:41	WG2489658
Arsenic	2900		1190	2860	1	04/13/2025 22:41	WG2489658
Barium	81000		121	714	1	04/13/2025 22:41	WG2489658
Beryllium	470		68.1	286	1	04/13/2025 22:41	WG2489658
Cadmium	261	J	93.2	714	1	04/13/2025 22:41	WG2489658
Calcium	10500000		27100	143000	1	04/13/2025 22:41	WG2489658
Chromium	5240		305	1430	1	04/13/2025 22:41	WG2489658
Cobalt	4270		253	1430	1	04/13/2025 22:41	WG2489658
Copper	17100		510	2860	1	04/13/2025 22:41	WG2489658
Iron	8330000		3200	14300	1	04/13/2025 22:41	WG2489658
Lead	8030		465	714	1	04/13/2025 22:41	WG2489658
Magnesium	2610000		28400	143000	1	04/13/2025 22:41	WG2489658
Manganese	434000		247	1430	1	04/13/2025 22:41	WG2489658
Nickel	7350		286	2860	1	04/13/2025 22:41	WG2489658
Potassium	1320000		29800	143000	1	04/13/2025 22:41	WG2489658
Selenium	U		1530	2860	1	04/13/2025 22:41	WG2489658
Silver	U		181	1430	1	04/13/2025 22:41	WG2489658
Sodium	471000		58800	143000	1	04/13/2025 22:41	WG2489658
Thallium	U		739	2860	1	04/13/2025 22:41	WG2489658
Vanadium	13300		547	2860	1	04/13/2025 22:41	WG2489658
Zinc	49400		1390	7140	1	04/13/2025 22:41	WG2489658

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

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	ug/kg		ug/kg	ug/kg		date / time	
TPH (GC/FID) Low Fraction	52.8	B J	31.0	143	1	04/14/2025 05:07	WG2489580
(S) a,a,a-Trifluorotoluene(FID)	*98.7*			*77.0-120*		*04/14/2025 05:07*	WG2489580

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

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	ug/kg		ug/kg	ug/kg		date / time	
Acetone	U		67.8	92.9	1	04/13/2025 17:23	WG2489584
Acrylonitrile	U		6.70	23.2	1	04/13/2025 17:23	WG2489584
Benzene	U		0.867	1.86	1	04/13/2025 17:23	WG2489584
Bromobenzene	U		1.67	23.2	1	04/13/2025 17:23	WG2489584
Bromodichloromethane	U		1.35	4.64	1	04/13/2025 17:23	WG2489584
Bromoform	U		2.17	46.4	1	04/13/2025 17:23	WG2489584

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
Bromomethane	U	C3 J4	3.66	23.2	1	04/13/2025 17:23	WG2489584
n-Butylbenzene	U		9.75	23.2	1	04/13/2025 17:23	WG2489584
sec-Butylbenzene	U		5.35	23.2	1	04/13/2025 17:23	WG2489584
tert-Butylbenzene	U		3.62	9.29	1	04/13/2025 17:23	WG2489584
Carbon tetrachloride	U		1.67	9.29	1	04/13/2025 17:23	WG2489584
Chlorobenzene	U		0.390	4.64	1	04/13/2025 17:23	WG2489584
Chlorodibromomethane	U		1.14	4.64	1	04/13/2025 17:23	WG2489584
Chloroethane	U	C3 J4	3.16	9.29	1	04/13/2025 17:23	WG2489584
Chloroform	U		1.91	4.64	1	04/13/2025 17:23	WG2489584
Chloromethane	U	C3	8.08	23.2	1	04/13/2025 17:23	WG2489584
2-Chlorotoluene	U		1.61	4.64	1	04/13/2025 17:23	WG2489584
4-Chlorotoluene	U		0.836	9.29	1	04/13/2025 17:23	WG2489584
1,2-Dibromo-3-Chloropropane	U		7.24	46.4	1	04/13/2025 17:23	WG2489584
1,2-Dibromoethane	U		1.20	4.64	1	04/13/2025 17:23	WG2489584
Dibromomethane	U		1.39	9.29	1	04/13/2025 17:23	WG2489584
1,2-Dichlorobenzene	U		0.789	9.29	1	04/13/2025 17:23	WG2489584
1,3-Dichlorobenzene	U		1.11	9.29	1	04/13/2025 17:23	WG2489584
1,4-Dichlorobenzene	U		1.30	9.29	1	04/13/2025 17:23	WG2489584
Dichlorodifluoromethane	U	C3	2.99	9.29	1	04/13/2025 17:23	WG2489584
1,1-Dichloroethane	U		0.912	4.64	1	04/13/2025 17:23	WG2489584
1,2-Dichloroethane	U		1.21	4.64	1	04/13/2025 17:23	WG2489584
1,1-Dichloroethene	U	C3	1.13	4.64	1	04/13/2025 17:23	WG2489584
cis-1,2-Dichloroethene	U		1.36	4.64	1	04/13/2025 17:23	WG2489584
trans-1,2-Dichloroethene	U	C3	1.93	9.29	1	04/13/2025 17:23	WG2489584
1,2-Dichloropropane	U		2.64	9.29	1	04/13/2025 17:23	WG2489584
1,1-Dichloropropene	U		1.50	4.64	1	04/13/2025 17:23	WG2489584
1,3-Dichloropropane	U		0.930	9.29	1	04/13/2025 17:23	WG2489584
cis-1,3-Dichloropropene	U		1.41	4.64	1	04/13/2025 17:23	WG2489584
trans-1,3-Dichloropropene	U		2.12	9.29	1	04/13/2025 17:23	WG2489584
2,2-Dichloropropane	U		2.56	4.64	1	04/13/2025 17:23	WG2489584
Di-isopropyl ether	U		0.761	1.86	1	04/13/2025 17:23	WG2489584
Ethylbenzene	U		1.37	4.64	1	04/13/2025 17:23	WG2489584
Hexachloro-1,3-butadiene	U		11.1	46.4	1	04/13/2025 17:23	WG2489584
Isopropylbenzene	U		0.789	4.64	1	04/13/2025 17:23	WG2489584
p-Isopropyltoluene	U		4.74	9.29	1	04/13/2025 17:23	WG2489584
2-Butanone (MEK)	U		118	186	1	04/13/2025 17:23	WG2489584
Methylene Chloride	U	C3	12.3	46.4	1	04/13/2025 17:23	WG2489584
4-Methyl-2-pentanone (MIBK)	U		4.23	46.4	1	04/13/2025 17:23	WG2489584
Methyl tert-butyl ether	U		0.650	1.86	1	04/13/2025 17:23	WG2489584
Naphthalene	U		9.06	23.2	1	04/13/2025 17:23	WG2489584
n-Propylbenzene	U		1.76	9.29	1	04/13/2025 17:23	WG2489584
Styrene	U		0.425	23.2	1	04/13/2025 17:23	WG2489584
1,1,1,2-Tetrachloroethane	U		1.76	4.64	1	04/13/2025 17:23	WG2489584
1,1,2,2-Tetrachloroethane	U	C3	1.29	4.64	1	04/13/2025 17:23	WG2489584
1,1,2-Trichlorotrifluoroethane	U		1.40	4.64	1	04/13/2025 17:23	WG2489584
Tetrachloroethene	U		1.66	4.64	1	04/13/2025 17:23	WG2489584
Toluene	4.27	B J	2.41	9.29	1	04/13/2025 17:23	WG2489584
1,2,3-Trichlorobenzene	U	J4	13.6	23.2	1	04/13/2025 17:23	WG2489584
1,2,4-Trichlorobenzene	U		8.17	23.2	1	04/13/2025 17:23	WG2489584
1,1,1-Trichloroethane	U		1.71	4.64	1	04/13/2025 17:23	WG2489584
1,1,2-Trichloroethane	U		1.11	4.64	1	04/13/2025 17:23	WG2489584
Trichloroethene	U		1.08	1.86	1	04/13/2025 17:23	WG2489584
Trichlorofluoromethane	U		1.54	4.64	1	04/13/2025 17:23	WG2489584
1,2,3-Trichloropropane	U		3.01	23.2	1	04/13/2025 17:23	WG2489584
1,2,4-Trimethylbenzene	U		2.93	9.29	1	04/13/2025 17:23	WG2489584
1,2,3-Trimethylbenzene	U		2.93	9.29	1	04/13/2025 17:23	WG2489584

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
1,3,5-Trimethylbenzene	U		3.71	9.29	1	04/13/2025 17:23	WG2489584
Vinyl chloride	U	C3 J4	2.15	4.64	1	04/13/2025 17:23	WG2489584
Xylenes, Total	U		1.63	12.1	1	04/13/2025 17:23	WG2489584
(S) Toluene-d8	*113*			*75.0-131*		*04/13/2025 17:23*	WG2489584
(S) 4-Bromofluorobenzene	*92.9*			*67.0-138*		*04/13/2025 17:23*	WG2489584
(S) 1,2-Dichloroethane-d4	*103*			*70.0-130*		*04/13/2025 17:23*	WG2489584

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry) ug/kg	Qualifier	MDL (dry) ug/kg	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	3130	J	2300	5710	1	04/13/2025 21:36	WG2489493
C28-C36 Motor Oil Range	6950		391	5710	1	04/13/2025 21:36	WG2489493
(S) o-Terphenyl	*44.1*			*18.0-148*		*04/13/2025 21:36*	WG2489493

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
Acenaphthene	U		7.69	47.5	1	04/14/2025 02:32	WG2489482
Acenaphthylene	U		6.70	47.5	1	04/14/2025 02:32	WG2489482
Anthracene	U		8.47	47.5	1	04/14/2025 02:32	WG2489482
Benzidine	U		89.4	2380	1	04/14/2025 02:32	WG2489482
Benzo(a)anthracene	U		8.38	47.5	1	04/14/2025 02:32	WG2489482
Benzo(b)fluoranthene	U		8.86	47.5	1	04/14/2025 02:32	WG2489482
Benzo(k)fluoranthene	U		8.45	47.5	1	04/14/2025 02:32	WG2489482
Benzo(g,h,i)perylene	U		8.69	47.5	1	04/14/2025 02:32	WG2489482
Benzo(a)pyrene	U	C3	8.84	47.5	1	04/14/2025 02:32	WG2489482
Bis(2-chlorethoxy)methane	U		14.3	475	1	04/14/2025 02:32	WG2489482
Bis(2-chloroethyl)ether	U	C3	15.7	475	1	04/14/2025 02:32	WG2489482
2,2-Oxybis(1-Chloropropane)	U		20.6	475	1	04/14/2025 02:32	WG2489482
4-Bromophenyl-phenylether	U		16.7	475	1	04/14/2025 02:32	WG2489482
2-Chloronaphthalene	U		8.35	47.5	1	04/14/2025 02:32	WG2489482
4-Chlorophenyl-phenylether	U		16.6	475	1	04/14/2025 02:32	WG2489482
Chrysene	U		9.45	47.5	1	04/14/2025 02:32	WG2489482
Dibenz(a,h)anthracene	U		13.2	47.5	1	04/14/2025 02:32	WG2489482
1,2-Dichlorobenzene	U		14.1	475	1	04/14/2025 02:32	WG2489482
1,3-Dichlorobenzene	U		14.4	475	1	04/14/2025 02:32	WG2489482
1,4-Dichlorobenzene	U		14.1	475	1	04/14/2025 02:32	WG2489482
3,3-Dichlorobenzidine	U		17.6	475	1	04/14/2025 02:32	WG2489482
2,4-Dinitrotoluene	U		13.6	475	1	04/14/2025 02:32	WG2489482
2,6-Dinitrotoluene	U		15.6	475	1	04/14/2025 02:32	WG2489482
Fluoranthene	U	C3	8.58	47.5	1	04/14/2025 02:32	WG2489482
Fluorene	U		7.74	47.5	1	04/14/2025 02:32	WG2489482
Hexachlorobenzene	U	C3	16.8	475	1	04/14/2025 02:32	WG2489482
Hexachloro-1,3-butadiene	U	C3	16.0	475	1	04/14/2025 02:32	WG2489482
Hexachlorocyclopentadiene	U		25.0	475	1	04/14/2025 02:32	WG2489482
Hexachloroethane	U		18.7	475	1	04/14/2025 02:32	WG2489482
Indeno(1,2,3-cd)pyrene	U		13.4	47.5	1	04/14/2025 02:32	WG2489482
Isophorone	U		14.6	475	1	04/14/2025 02:32	WG2489482
Naphthalene	U	C3	11.9	47.5	1	04/14/2025 02:32	WG2489482
Nitrobenzene	U		16.6	475	1	04/14/2025 02:32	WG2489482
n-Nitrosodimethylamine	U		70.5	475	1	04/14/2025 02:32	WG2489482
n-Nitrosodiphenylamine	U		36.0	475	1	04/14/2025 02:32	WG2489482
n-Nitrosodi-n-propylamine	U		15.8	475	1	04/14/2025 02:32	WG2489482
Phenanthrene	U		9.44	47.5	1	04/14/2025 02:32	WG2489482
Benzylbutyl phthalate	U		14.8	475	1	04/14/2025 02:32	WG2489482

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
Bis(2-ethylhexyl)phthalate	U		60.2	475	1	04/14/2025 02:32	WG2489482
Di-n-butyl phthalate	U		16.3	475	1	04/14/2025 02:32	WG2489482
Diethyl phthalate	U		15.7	475	1	04/14/2025 02:32	WG2489482
Dimethyl phthalate	U		101	475	1	04/14/2025 02:32	WG2489482
Di-n-octyl phthalate	U		32.1	475	1	04/14/2025 02:32	WG2489482
Pyrene	U		9.25	47.5	1	04/14/2025 02:32	WG2489482
1,2,4-Trichlorobenzene	U		14.8	475	1	04/14/2025 02:32	WG2489482
4-Chloro-3-methylphenol	U		15.4	475	1	04/14/2025 02:32	WG2489482
2-Chlorophenol	U		15.7	475	1	04/14/2025 02:32	WG2489482
2,4-Dichlorophenol	U		13.8	475	1	04/14/2025 02:32	WG2489482
2,4-Dimethylphenol	U	C3	12.4	475	1	04/14/2025 02:32	WG2489482
4,6-Dinitro-2-methylphenol	U	C3	108	475	1	04/14/2025 02:32	WG2489482
2,4-Dinitrophenol	U		111	475	1	04/14/2025 02:32	WG2489482
2-Nitrophenol	U		17.0	475	1	04/14/2025 02:32	WG2489482
4-Nitrophenol	U		14.8	475	1	04/14/2025 02:32	WG2489482
Pentachlorophenol	U	C3	12.8	475	1	04/14/2025 02:32	WG2489482
Phenol	U		19.1	475	1	04/14/2025 02:32	WG2489482
2,4,6-Trichlorophenol	U		15.3	475	1	04/14/2025 02:32	WG2489482
(S) 2-Fluorophenol	*73.7*			*12.0-120*		*04/14/2025 02:32*	WG2489482
(S) Phenol-d5	*66.9*			*10.0-120*		*04/14/2025 02:32*	WG2489482
(S) Nitrobenzene-d5	*62.9*			*10.0-122*		*04/14/2025 02:32*	WG2489482
(S) 2-Fluorobiphenyl	*62.0*			*15.0-120*		*04/14/2025 02:32*	WG2489482
(S) 2,4,6-Tribromophenol	*54.3*			*10.0-127*		*04/14/2025 02:32*	WG2489482
(S) p-Terphenyl-d14	*65.0*			*10.0-120*		*04/14/2025 02:32*	WG2489482

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	70.3		1	04/13/2025 12:55	WG2489485

Wet Chemistry by Method 7199

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	ug/kg		ug/kg	ug/kg		date / time	
Hexavalent Chromium	U		539	1420	1	04/14/2025 07:58	WG2489614

Mercury by Method 7471B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	ug/kg		ug/kg	ug/kg		date / time	
Mercury	U		29.3	56.9	1	04/13/2025 19:34	WG2489622

Metals (ICP) by Method 6010D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	ug/kg		ug/kg	ug/kg		date / time	
Aluminum	3360000		8650	28500	1	04/13/2025 22:47	WG2489658
Antimony	U		983	2850	1	04/13/2025 22:47	WG2489658
Arsenic	2220	J	1190	2850	1	04/13/2025 22:47	WG2489658
Barium	79300		121	712	1	04/13/2025 22:47	WG2489658
Beryllium	409		67.9	285	1	04/13/2025 22:47	WG2489658
Cadmium	200	J	92.9	712	1	04/13/2025 22:47	WG2489658
Calcium	10500000		27000	142000	1	04/13/2025 22:47	WG2489658
Chromium	4370		305	1420	1	04/13/2025 22:47	WG2489658
Cobalt	3450		252	1420	1	04/13/2025 22:47	WG2489658
Copper	14600		508	2850	1	04/13/2025 22:47	WG2489658
Iron	6100000		3190	14200	1	04/13/2025 22:47	WG2489658
Lead	7570		464	712	1	04/13/2025 22:47	WG2489658
Magnesium	2170000		28300	142000	1	04/13/2025 22:47	WG2489658
Manganese	300000		246	1420	1	04/13/2025 22:47	WG2489658
Nickel	6460		285	2850	1	04/13/2025 22:47	WG2489658
Potassium	1350000		29700	142000	1	04/13/2025 22:47	WG2489658
Selenium	U		1520	2850	1	04/13/2025 22:47	WG2489658
Silver	U		181	1420	1	04/13/2025 22:47	WG2489658
Sodium	382000		58600	142000	1	04/13/2025 22:47	WG2489658
Thallium	U		737	2850	1	04/13/2025 22:47	WG2489658
Vanadium	11500		545	2850	1	04/13/2025 22:47	WG2489658
Zinc	40800		1390	7120	1	04/13/2025 22:47	WG2489658

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

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	ug/kg		ug/kg	ug/kg		date / time	
TPH (GC/FID) Low Fraction	76.3	B J	30.9	142	1	04/14/2025 05:31	WG2489580
(S) a,a,a-Trifluorotoluene(FID)	*99.0*			*77.0-120*		*04/14/2025 05:31*	WG2489580

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

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	ug/kg		ug/kg	ug/kg		date / time	
Acetone	U		67.5	92.4	1	04/13/2025 17:43	WG2489584
Acrylonitrile	U		6.67	23.1	1	04/13/2025 17:43	WG2489584
Benzene	U		0.863	1.85	1	04/13/2025 17:43	WG2489584
Bromobenzene	U		1.66	23.1	1	04/13/2025 17:43	WG2489584
Bromodichloromethane	U		1.34	4.62	1	04/13/2025 17:43	WG2489584
Bromoform	U		2.16	46.2	1	04/13/2025 17:43	WG2489584

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
Bromomethane	U	C3 J4	3.64	23.1	1	04/13/2025 17:43	WG2489584
n-Butylbenzene	U		9.70	23.1	1	04/13/2025 17:43	WG2489584
sec-Butylbenzene	U		5.32	23.1	1	04/13/2025 17:43	WG2489584
tert-Butylbenzene	U		3.60	9.24	1	04/13/2025 17:43	WG2489584
Carbon tetrachloride	U		1.66	9.24	1	04/13/2025 17:43	WG2489584
Chlorobenzene	U		0.388	4.62	1	04/13/2025 17:43	WG2489584
Chlorodibromomethane	U		1.13	4.62	1	04/13/2025 17:43	WG2489584
Chloroethane	U	C3 J4	3.14	9.24	1	04/13/2025 17:43	WG2489584
Chloroform	U		1.90	4.62	1	04/13/2025 17:43	WG2489584
Chloromethane	U	C3	8.04	23.1	1	04/13/2025 17:43	WG2489584
2-Chlorotoluene	U		1.60	4.62	1	04/13/2025 17:43	WG2489584
4-Chlorotoluene	U		0.832	9.24	1	04/13/2025 17:43	WG2489584
1,2-Dibromo-3-Chloropropane	U		7.21	46.2	1	04/13/2025 17:43	WG2489584
1,2-Dibromoethane	U		1.20	4.62	1	04/13/2025 17:43	WG2489584
Dibromomethane	U		1.39	9.24	1	04/13/2025 17:43	WG2489584
1,2-Dichlorobenzene	U		0.785	9.24	1	04/13/2025 17:43	WG2489584
1,3-Dichlorobenzene	U		1.11	9.24	1	04/13/2025 17:43	WG2489584
1,4-Dichlorobenzene	U		1.29	9.24	1	04/13/2025 17:43	WG2489584
Dichlorodifluoromethane	U	C3	2.98	9.24	1	04/13/2025 17:43	WG2489584
1,1-Dichloroethane	U		0.907	4.62	1	04/13/2025 17:43	WG2489584
1,2-Dichloroethane	U		1.20	4.62	1	04/13/2025 17:43	WG2489584
1,1-Dichloroethene	U	C3	1.12	4.62	1	04/13/2025 17:43	WG2489584
cis-1,2-Dichloroethene	U		1.36	4.62	1	04/13/2025 17:43	WG2489584
trans-1,2-Dichloroethene	U	C3	1.92	9.24	1	04/13/2025 17:43	WG2489584
1,2-Dichloropropane	U		2.62	9.24	1	04/13/2025 17:43	WG2489584
1,1-Dichloropropene	U		1.50	4.62	1	04/13/2025 17:43	WG2489584
1,3-Dichloropropane	U		0.926	9.24	1	04/13/2025 17:43	WG2489584
cis-1,3-Dichloropropene	U		1.40	4.62	1	04/13/2025 17:43	WG2489584
trans-1,3-Dichloropropene	U		2.11	9.24	1	04/13/2025 17:43	WG2489584
2,2-Dichloropropane	U		2.55	4.62	1	04/13/2025 17:43	WG2489584
Di-isopropyl ether	U		0.758	1.85	1	04/13/2025 17:43	WG2489584
Ethylbenzene	U		1.36	4.62	1	04/13/2025 17:43	WG2489584
Hexachloro-1,3-butadiene	U		11.1	46.2	1	04/13/2025 17:43	WG2489584
Isopropylbenzene	U		0.785	4.62	1	04/13/2025 17:43	WG2489584
p-Isopropyltoluene	U		4.71	9.24	1	04/13/2025 17:43	WG2489584
2-Butanone (MEK)	U		117	185	1	04/13/2025 17:43	WG2489584
Methylene Chloride	U	C3	12.3	46.2	1	04/13/2025 17:43	WG2489584
4-Methyl-2-pentanone (MIBK)	U		4.21	46.2	1	04/13/2025 17:43	WG2489584
Methyl tert-butyl ether	U		0.647	1.85	1	04/13/2025 17:43	WG2489584
Naphthalene	U		9.02	23.1	1	04/13/2025 17:43	WG2489584
n-Propylbenzene	U		1.76	9.24	1	04/13/2025 17:43	WG2489584
Styrene	U		0.423	23.1	1	04/13/2025 17:43	WG2489584
1,1,1,2-Tetrachloroethane	U		1.75	4.62	1	04/13/2025 17:43	WG2489584
1,1,2,2-Tetrachloroethane	U	C3	1.28	4.62	1	04/13/2025 17:43	WG2489584
1,1,2-Trichlorotrifluoroethane	U		1.39	4.62	1	04/13/2025 17:43	WG2489584
Tetrachloroethene	U		1.66	4.62	1	04/13/2025 17:43	WG2489584
Toluene	4.58	B J	2.40	9.24	1	04/13/2025 17:43	WG2489584
1,2,3-Trichlorobenzene	U	J4	13.5	23.1	1	04/13/2025 17:43	WG2489584
1,2,4-Trichlorobenzene	U		8.13	23.1	1	04/13/2025 17:43	WG2489584
1,1,1-Trichloroethane	U		1.71	4.62	1	04/13/2025 17:43	WG2489584
1,1,2-Trichloroethane	U		1.10	4.62	1	04/13/2025 17:43	WG2489584
Trichloroethene	U		1.08	1.85	1	04/13/2025 17:43	WG2489584
Trichlorofluoromethane	U		1.53	4.62	1	04/13/2025 17:43	WG2489584
1,2,3-Trichloropropane	U		2.99	23.1	1	04/13/2025 17:43	WG2489584
1,2,4-Trimethylbenzene	U		2.92	9.24	1	04/13/2025 17:43	WG2489584
1,2,3-Trimethylbenzene	U		2.92	9.24	1	04/13/2025 17:43	WG2489584

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
1,3,5-Trimethylbenzene	U		3.70	9.24	1	04/13/2025 17:43	WG2489584
Vinyl chloride	U	C3 J4	2.14	4.62	1	04/13/2025 17:43	WG2489584
Xylenes, Total	U		1.63	12.0	1	04/13/2025 17:43	WG2489584
(S) Toluene-d8	*115*			*75.0-131*		*04/13/2025 17:43*	WG2489584
(S) 4-Bromofluorobenzene	*93.8*			*67.0-138*		*04/13/2025 17:43*	WG2489584
(S) 1,2-Dichloroethane-d4	*102*			*70.0-130*		*04/13/2025 17:43*	WG2489584

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry) ug/kg	Qualifier	MDL (dry) ug/kg	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	U		2290	5690	1	04/13/2025 20:26	WG2489493
C28-C36 Motor Oil Range	2250	J	390	5690	1	04/13/2025 20:26	WG2489493
(S) o-Terphenyl	*37.4*			*18.0-148*		*04/13/2025 20:26*	WG2489493

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
Acenaphthene	U		7.67	47.4	1	04/14/2025 02:55	WG2489482
Acenaphthylene	U		6.67	47.4	1	04/14/2025 02:55	WG2489482
Anthracene	U		8.44	47.4	1	04/14/2025 02:55	WG2489482
Benzidine	U		89.1	2380	1	04/14/2025 02:55	WG2489482
Benzo(a)anthracene	U		8.35	47.4	1	04/14/2025 02:55	WG2489482
Benzo(b)fluoranthene	U		8.84	47.4	1	04/14/2025 02:55	WG2489482
Benzo(k)fluoranthene	U		8.42	47.4	1	04/14/2025 02:55	WG2489482
Benzo(g,h,i)perylene	U		8.67	47.4	1	04/14/2025 02:55	WG2489482
Benzo(a)pyrene	U	C3	8.81	47.4	1	04/14/2025 02:55	WG2489482
Bis(2-chlorethoxy)methane	U		14.2	474	1	04/14/2025 02:55	WG2489482
Bis(2-chloroethyl)ether	U	C3	15.7	474	1	04/14/2025 02:55	WG2489482
2,2-Oxybis(1-Chloropropane)	U		20.5	474	1	04/14/2025 02:55	WG2489482
4-Bromophenyl-phenylether	U		16.6	474	1	04/14/2025 02:55	WG2489482
2-Chloronaphthalene	U		8.32	47.4	1	04/14/2025 02:55	WG2489482
4-Chlorophenyl-phenylether	U		16.5	474	1	04/14/2025 02:55	WG2489482
Chrysene	U		9.42	47.4	1	04/14/2025 02:55	WG2489482
Dibenz(a,h)anthracene	U		13.1	47.4	1	04/14/2025 02:55	WG2489482
1,2-Dichlorobenzene	U		14.0	474	1	04/14/2025 02:55	WG2489482
1,3-Dichlorobenzene	U		14.4	474	1	04/14/2025 02:55	WG2489482
1,4-Dichlorobenzene	U		14.1	474	1	04/14/2025 02:55	WG2489482
3,3-Dichlorobenzidine	U		17.5	474	1	04/14/2025 02:55	WG2489482
2,4-Dinitrotoluene	U		13.6	474	1	04/14/2025 02:55	WG2489482
2,6-Dinitrotoluene	U		15.5	474	1	04/14/2025 02:55	WG2489482
Fluoranthene	U	C3	8.55	47.4	1	04/14/2025 02:55	WG2489482
Fluorene	U		7.71	47.4	1	04/14/2025 02:55	WG2489482
Hexachlorobenzene	U	C3	16.8	474	1	04/14/2025 02:55	WG2489482
Hexachloro-1,3-butadiene	U	C3	15.9	474	1	04/14/2025 02:55	WG2489482
Hexachlorocyclopentadiene	U		24.9	474	1	04/14/2025 02:55	WG2489482
Hexachloroethane	U		18.6	474	1	04/14/2025 02:55	WG2489482
Indeno(1,2,3-cd)pyrene	U		13.4	47.4	1	04/14/2025 02:55	WG2489482
Isophorone	U		14.5	474	1	04/14/2025 02:55	WG2489482
Naphthalene	U	C3	11.9	47.4	1	04/14/2025 02:55	WG2489482
Nitrobenzene	U		16.5	474	1	04/14/2025 02:55	WG2489482
n-Nitrosodimethylamine	U		70.3	474	1	04/14/2025 02:55	WG2489482
n-Nitrosodiphenylamine	U		35.9	474	1	04/14/2025 02:55	WG2489482
n-Nitrosodi-n-propylamine	U		15.8	474	1	04/14/2025 02:55	WG2489482
Phenanthrene	U		9.41	47.4	1	04/14/2025 02:55	WG2489482
Benzylbutyl phthalate	U		14.8	474	1	04/14/2025 02:55	WG2489482

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
Bis(2-ethylhexyl)phthalate	U		60.1	474	1	04/14/2025 02:55	WG2489482
Di-n-butyl phthalate	U		16.2	474	1	04/14/2025 02:55	WG2489482
Diethyl phthalate	U		15.7	474	1	04/14/2025 02:55	WG2489482
Dimethyl phthalate	U		100	474	1	04/14/2025 02:55	WG2489482
Di-n-octyl phthalate	U		32.0	474	1	04/14/2025 02:55	WG2489482
Pyrene	U		9.22	47.4	1	04/14/2025 02:55	WG2489482
1,2,4-Trichlorobenzene	U		14.8	474	1	04/14/2025 02:55	WG2489482
4-Chloro-3-methylphenol	U		15.4	474	1	04/14/2025 02:55	WG2489482
2-Chlorophenol	U		15.7	474	1	04/14/2025 02:55	WG2489482
2,4-Dichlorophenol	U		13.8	474	1	04/14/2025 02:55	WG2489482
2,4-Dimethylphenol	U	C3	12.4	474	1	04/14/2025 02:55	WG2489482
4,6-Dinitro-2-methylphenol	U	C3	107	474	1	04/14/2025 02:55	WG2489482
2,4-Dinitrophenol	U		111	474	1	04/14/2025 02:55	WG2489482
2-Nitrophenol	U		16.9	474	1	04/14/2025 02:55	WG2489482
4-Nitrophenol	U		14.8	474	1	04/14/2025 02:55	WG2489482
Pentachlorophenol	U	C3	12.8	474	1	04/14/2025 02:55	WG2489482
Phenol	U		19.1	474	1	04/14/2025 02:55	WG2489482
2,4,6-Trichlorophenol	U		15.2	474	1	04/14/2025 02:55	WG2489482
(S) 2-Fluorophenol	*73.5*			*12.0-120*		*04/14/2025 02:55*	WG2489482
(S) Phenol-d5	*65.8*			*10.0-120*		*04/14/2025 02:55*	WG2489482
(S) Nitrobenzene-d5	*61.5*			*10.0-122*		*04/14/2025 02:55*	WG2489482
(S) 2-Fluorobiphenyl	*59.4*			*15.0-120*		*04/14/2025 02:55*	WG2489482
(S) 2,4,6-Tribromophenol	*51.5*			*10.0-127*		*04/14/2025 02:55*	WG2489482
(S) p-Terphenyl-d14	*60.0*			*10.0-120*		*04/14/2025 02:55*	WG2489482

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	70.4		1	04/13/2025 12:55	WG2489485

Wet Chemistry by Method 7199

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	ug/kg		ug/kg	ug/kg		date / time	
Hexavalent Chromium	U		539	1420	1	04/14/2025 08:07	WG2489614

Mercury by Method 7471B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	ug/kg		ug/kg	ug/kg		date / time	
Mercury	U		29.3	56.8	1	04/13/2025 19:37	WG2489622

Metals (ICP) by Method 6010D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	ug/kg		ug/kg	ug/kg		date / time	
Aluminum	4400000		8640	28400	1	04/13/2025 22:49	WG2489658
Antimony	U		982	2840	1	04/13/2025 22:49	WG2489658
Arsenic	2780	J	1190	2840	1	04/13/2025 22:49	WG2489658
Barium	90700		121	711	1	04/13/2025 22:49	WG2489658
Beryllium	477		67.8	284	1	04/13/2025 22:49	WG2489658
Cadmium	255	J	92.8	711	1	04/13/2025 22:49	WG2489658
Calcium	12600000		27000	142000	1	04/13/2025 22:49	WG2489658
Chromium	5600		304	1420	1	04/13/2025 22:49	WG2489658
Cobalt	4260		252	1420	1	04/13/2025 22:49	WG2489658
Copper	16900		507	2840	1	04/13/2025 22:49	WG2489658
Iron	7760000		3180	14200	1	04/13/2025 22:49	WG2489658
Lead	8110		463	711	1	04/13/2025 22:49	WG2489658
Magnesium	2760000		28300	142000	1	04/13/2025 22:49	WG2489658
Manganese	432000		246	1420	1	04/13/2025 22:49	WG2489658
Nickel	7700		284	2840	1	04/13/2025 22:49	WG2489658
Potassium	1660000		29700	142000	1	04/13/2025 22:49	WG2489658
Selenium	U		1520	2840	1	04/13/2025 22:49	WG2489658
Silver	U		180	1420	1	04/13/2025 22:49	WG2489658
Sodium	520000		58600	142000	1	04/13/2025 22:49	WG2489658
Thallium	U		736	2840	1	04/13/2025 22:49	WG2489658
Vanadium	13200		544	2840	1	04/13/2025 22:49	WG2489658
Zinc	47300		1380	7110	1	04/13/2025 22:49	WG2489658

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

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	ug/kg		ug/kg	ug/kg		date / time	
TPH (GC/FID) Low Fraction	46.2	B J	30.8	142	1	04/14/2025 05:55	WG2489580
(S) a,a,a-Trifluorotoluene(FID)	*99.3*			*77.0-120*		*04/14/2025 05:55*	WG2489580

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

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	ug/kg		ug/kg	ug/kg		date / time	
Acetone	U		67.4	92.3	1	04/13/2025 18:02	WG2489584
Acrylonitrile	U		6.67	23.1	1	04/13/2025 18:02	WG2489584
Benzene	U		0.862	1.85	1	04/13/2025 18:02	WG2489584
Bromobenzene	U		1.66	23.1	1	04/13/2025 18:02	WG2489584
Bromodichloromethane	U		1.34	4.62	1	04/13/2025 18:02	WG2489584
Bromoform	U		2.16	46.2	1	04/13/2025 18:02	WG2489584

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
Bromomethane	U	C3 J4	3.64	23.1	1	04/13/2025 18:02	WG2489584
n-Butylbenzene	U		9.70	23.1	1	04/13/2025 18:02	WG2489584
sec-Butylbenzene	U		5.32	23.1	1	04/13/2025 18:02	WG2489584
tert-Butylbenzene	U		3.60	9.23	1	04/13/2025 18:02	WG2489584
Carbon tetrachloride	U		1.66	9.23	1	04/13/2025 18:02	WG2489584
Chlorobenzene	U		0.388	4.62	1	04/13/2025 18:02	WG2489584
Chlorodibromomethane	U		1.13	4.62	1	04/13/2025 18:02	WG2489584
Chloroethane	U	C3 J4	3.14	9.23	1	04/13/2025 18:02	WG2489584
Chloroform	U		1.90	4.62	1	04/13/2025 18:02	WG2489584
Chloromethane	U	C3	8.03	23.1	1	04/13/2025 18:02	WG2489584
2-Chlorotoluene	U		1.60	4.62	1	04/13/2025 18:02	WG2489584
4-Chlorotoluene	U		0.831	9.23	1	04/13/2025 18:02	WG2489584
1,2-Dibromo-3-Chloropropane	U		7.20	46.2	1	04/13/2025 18:02	WG2489584
1,2-Dibromoethane	U		1.20	4.62	1	04/13/2025 18:02	WG2489584
Dibromomethane	U		1.39	9.23	1	04/13/2025 18:02	WG2489584
1,2-Dichlorobenzene	U		0.785	9.23	1	04/13/2025 18:02	WG2489584
1,3-Dichlorobenzene	U		1.11	9.23	1	04/13/2025 18:02	WG2489584
1,4-Dichlorobenzene	U		1.29	9.23	1	04/13/2025 18:02	WG2489584
Dichlorodifluoromethane	U	C3	2.97	9.23	1	04/13/2025 18:02	WG2489584
1,1-Dichloroethane	U		0.907	4.62	1	04/13/2025 18:02	WG2489584
1,2-Dichloroethane	U		1.20	4.62	1	04/13/2025 18:02	WG2489584
1,1-Dichloroethene	U	C3	1.12	4.62	1	04/13/2025 18:02	WG2489584
cis-1,2-Dichloroethene	U		1.36	4.62	1	04/13/2025 18:02	WG2489584
trans-1,2-Dichloroethene	U	C3	1.92	9.23	1	04/13/2025 18:02	WG2489584
1,2-Dichloropropane	U		2.62	9.23	1	04/13/2025 18:02	WG2489584
1,1-Dichloropropene	U		1.49	4.62	1	04/13/2025 18:02	WG2489584
1,3-Dichloropropane	U		0.925	9.23	1	04/13/2025 18:02	WG2489584
cis-1,3-Dichloropropene	U		1.40	4.62	1	04/13/2025 18:02	WG2489584
trans-1,3-Dichloropropene	U		2.11	9.23	1	04/13/2025 18:02	WG2489584
2,2-Dichloropropane	U		2.55	4.62	1	04/13/2025 18:02	WG2489584
Di-isopropyl ether	U		0.757	1.85	1	04/13/2025 18:02	WG2489584
Ethylbenzene	U		1.36	4.62	1	04/13/2025 18:02	WG2489584
Hexachloro-1,3-butadiene	U		11.1	46.2	1	04/13/2025 18:02	WG2489584
Isopropylbenzene	U		0.785	4.62	1	04/13/2025 18:02	WG2489584
p-Isopropyltoluene	U		4.71	9.23	1	04/13/2025 18:02	WG2489584
2-Butanone (MEK)	U		117	185	1	04/13/2025 18:02	WG2489584
Methylene Chloride	U	C3	12.3	46.2	1	04/13/2025 18:02	WG2489584
4-Methyl-2-pentanone (MIBK)	U		4.21	46.2	1	04/13/2025 18:02	WG2489584
Methyl tert-butyl ether	U		0.646	1.85	1	04/13/2025 18:02	WG2489584
Naphthalene	U		9.01	23.1	1	04/13/2025 18:02	WG2489584
n-Propylbenzene	U		1.75	9.23	1	04/13/2025 18:02	WG2489584
Styrene	U		0.423	23.1	1	04/13/2025 18:02	WG2489584
1,1,1,2-Tetrachloroethane	U		1.75	4.62	1	04/13/2025 18:02	WG2489584
1,1,2,2-Tetrachloroethane	U	C3	1.28	4.62	1	04/13/2025 18:02	WG2489584
1,1,2-Trichlorotrifluoroethane	U		1.39	4.62	1	04/13/2025 18:02	WG2489584
Tetrachloroethene	U		1.65	4.62	1	04/13/2025 18:02	WG2489584
Toluene	3.99	B J	2.40	9.23	1	04/13/2025 18:02	WG2489584
1,2,3-Trichlorobenzene	U	J4	13.5	23.1	1	04/13/2025 18:02	WG2489584
1,2,4-Trichlorobenzene	U		8.13	23.1	1	04/13/2025 18:02	WG2489584
1,1,1-Trichloroethane	U		1.70	4.62	1	04/13/2025 18:02	WG2489584
1,1,2-Trichloroethane	U		1.10	4.62	1	04/13/2025 18:02	WG2489584
Trichloroethene	U		1.08	1.85	1	04/13/2025 18:02	WG2489584
Trichlorofluoromethane	U		1.53	4.62	1	04/13/2025 18:02	WG2489584
1,2,3-Trichloropropane	U		2.99	23.1	1	04/13/2025 18:02	WG2489584
1,2,4-Trimethylbenzene	U		2.92	9.23	1	04/13/2025 18:02	WG2489584
1,2,3-Trimethylbenzene	U		2.92	9.23	1	04/13/2025 18:02	WG2489584

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
1,3,5-Trimethylbenzene	U		3.69	9.23	1	04/13/2025 18:02	WG2489584
Vinyl chloride	U	C3 J4	2.14	4.62	1	04/13/2025 18:02	WG2489584
Xylenes, Total	U		1.63	12.0	1	04/13/2025 18:02	WG2489584
(S) Toluene-d8	*115*			*75.0-131*		*04/13/2025 18:02*	WG2489584
(S) 4-Bromofluorobenzene	*92.2*			*67.0-138*		*04/13/2025 18:02*	WG2489584
(S) 1,2-Dichloroethane-d4	*104*			*70.0-130*		*04/13/2025 18:02*	WG2489584

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry) ug/kg	Qualifier	MDL (dry) ug/kg	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	U		2290	5680	1	04/13/2025 20:40	WG2489493
C28-C36 Motor Oil Range	5020	J	389	5680	1	04/13/2025 20:40	WG2489493
(S) o-Terphenyl	*43.0*			*18.0-148*		*04/13/2025 20:40*	WG2489493

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
Acenaphthene	U		7.66	47.3	1	04/14/2025 03:17	WG2489482
Acenaphthylene	U		6.67	47.3	1	04/14/2025 03:17	WG2489482
Anthracene	U		8.43	47.3	1	04/14/2025 03:17	WG2489482
Benzidine	U		89.0	2370	1	04/14/2025 03:17	WG2489482
Benzo(a)anthracene	U		8.34	47.3	1	04/14/2025 03:17	WG2489482
Benzo(b)fluoranthene	U		8.83	47.3	1	04/14/2025 03:17	WG2489482
Benzo(k)fluoranthene	U		8.41	47.3	1	04/14/2025 03:17	WG2489482
Benzo(g,h,i)perylene	U		8.66	47.3	1	04/14/2025 03:17	WG2489482
Benzo(a)pyrene	U	C3	8.80	47.3	1	04/14/2025 03:17	WG2489482
Bis(2-chlorethoxy)methane	U		14.2	473	1	04/14/2025 03:17	WG2489482
Bis(2-chloroethyl)ether	U	C3	15.6	473	1	04/14/2025 03:17	WG2489482
2,2-Oxybis(1-Chloropropane)	U		20.5	473	1	04/14/2025 03:17	WG2489482
4-Bromophenyl-phenylether	U		16.6	473	1	04/14/2025 03:17	WG2489482
2-Chloronaphthalene	U		8.31	47.3	1	04/14/2025 03:17	WG2489482
4-Chlorophenyl-phenylether	U		16.5	473	1	04/14/2025 03:17	WG2489482
Chrysene	U		9.41	47.3	1	04/14/2025 03:17	WG2489482
Dibenz(a,h)anthracene	U		13.1	47.3	1	04/14/2025 03:17	WG2489482
1,2-Dichlorobenzene	U		14.0	473	1	04/14/2025 03:17	WG2489482
1,3-Dichlorobenzene	U		14.4	473	1	04/14/2025 03:17	WG2489482
1,4-Dichlorobenzene	U		14.1	473	1	04/14/2025 03:17	WG2489482
3,3-Dichlorobenzidine	U		17.5	473	1	04/14/2025 03:17	WG2489482
2,4-Dinitrotoluene	U		13.6	473	1	04/14/2025 03:17	WG2489482
2,6-Dinitrotoluene	U		15.5	473	1	04/14/2025 03:17	WG2489482
Fluoranthene	U	C3	8.54	47.3	1	04/14/2025 03:17	WG2489482
Fluorene	U		7.70	47.3	1	04/14/2025 03:17	WG2489482
Hexachlorobenzene	U	C3	16.8	473	1	04/14/2025 03:17	WG2489482
Hexachloro-1,3-butadiene	U	C3	15.9	473	1	04/14/2025 03:17	WG2489482
Hexachlorocyclopentadiene	U		24.9	473	1	04/14/2025 03:17	WG2489482
Hexachloroethane	U		18.6	473	1	04/14/2025 03:17	WG2489482
Indeno(1,2,3-cd)pyrene	U		13.4	47.3	1	04/14/2025 03:17	WG2489482
Isophorone	U		14.5	473	1	04/14/2025 03:17	WG2489482
Naphthalene	U	C3	11.9	47.3	1	04/14/2025 03:17	WG2489482
Nitrobenzene	U		16.5	473	1	04/14/2025 03:17	WG2489482
n-Nitrosodimethylamine	U		70.2	473	1	04/14/2025 03:17	WG2489482
n-Nitrosodiphenylamine	U		35.8	473	1	04/14/2025 03:17	WG2489482
n-Nitrosodi-n-propylamine	U		15.8	473	1	04/14/2025 03:17	WG2489482
Phenanthrene	U		9.39	47.3	1	04/14/2025 03:17	WG2489482
Benzylbutyl phthalate	U		14.8	473	1	04/14/2025 03:17	WG2489482

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
Bis(2-ethylhexyl)phthalate	U		60.0	473	1	04/14/2025 03:17	WG2489482
Di-n-butyl phthalate	U		16.2	473	1	04/14/2025 03:17	WG2489482
Diethyl phthalate	U		15.6	473	1	04/14/2025 03:17	WG2489482
Dimethyl phthalate	U		100	473	1	04/14/2025 03:17	WG2489482
Di-n-octyl phthalate	U		32.0	473	1	04/14/2025 03:17	WG2489482
Pyrene	U		9.21	47.3	1	04/14/2025 03:17	WG2489482
1,2,4-Trichlorobenzene	U		14.8	473	1	04/14/2025 03:17	WG2489482
4-Chloro-3-methylphenol	U		15.3	473	1	04/14/2025 03:17	WG2489482
2-Chlorophenol	U		15.6	473	1	04/14/2025 03:17	WG2489482
2,4-Dichlorophenol	U		13.8	473	1	04/14/2025 03:17	WG2489482
2,4-Dimethylphenol	U	C3	12.4	473	1	04/14/2025 03:17	WG2489482
4,6-Dinitro-2-methylphenol	U	C3	107	473	1	04/14/2025 03:17	WG2489482
2,4-Dinitrophenol	U		111	473	1	04/14/2025 03:17	WG2489482
2-Nitrophenol	U		16.9	473	1	04/14/2025 03:17	WG2489482
4-Nitrophenol	U		14.8	473	1	04/14/2025 03:17	WG2489482
Pentachlorophenol	U	C3	12.7	473	1	04/14/2025 03:17	WG2489482
Phenol	U		19.0	473	1	04/14/2025 03:17	WG2489482
2,4,6-Trichlorophenol	U		15.2	473	1	04/14/2025 03:17	WG2489482
(S) 2-Fluorophenol	*68.9*			*12.0-120*		*04/14/2025 03:17*	WG2489482
(S) Phenol-d5	*62.0*			*10.0-120*		*04/14/2025 03:17*	WG2489482
(S) Nitrobenzene-d5	*57.4*			*10.0-122*		*04/14/2025 03:17*	WG2489482
(S) 2-Fluorobiphenyl	*57.1*			*15.0-120*		*04/14/2025 03:17*	WG2489482
(S) 2,4,6-Tribromophenol	*46.7*			*10.0-127*		*04/14/2025 03:17*	WG2489482
(S) p-Terphenyl-d14	*58.7*			*10.0-120*		*04/14/2025 03:17*	WG2489482

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	75.0		1	04/13/2025 12:55	WG2489485

Wet Chemistry by Method 7199

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	ug/kg		ug/kg	ug/kg		date / time	
Hexavalent Chromium	U		505	1330	1	04/14/2025 08:16	WG2489614

Mercury by Method 7471B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	ug/kg		ug/kg	ug/kg		date / time	
Mercury	U		27.5	53.3	1	04/13/2025 19:40	WG2489622

Metals (ICP) by Method 6010D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	ug/kg		ug/kg	ug/kg		date / time	
Aluminum	6020000		8110	26700	1	04/13/2025 22:51	WG2489658
Antimony	U		921	2670	1	04/13/2025 22:51	WG2489658
Arsenic	3210		1120	2670	1	04/13/2025 22:51	WG2489658
Barium	105000		113	667	1	04/13/2025 22:51	WG2489658
Beryllium	536		63.6	267	1	04/13/2025 22:51	WG2489658
Cadmium	337	J	87.1	667	1	04/13/2025 22:51	WG2489658
Calcium	13800000		25300	133000	1	04/13/2025 22:51	WG2489658
Chromium	7040		285	1330	1	04/13/2025 22:51	WG2489658
Cobalt	4870		236	1330	1	04/13/2025 22:51	WG2489658
Copper	18900		476	2670	1	04/13/2025 22:51	WG2489658
Iron	9360000		2990	13300	1	04/13/2025 22:51	WG2489658
Lead	8820		435	667	1	04/13/2025 22:51	WG2489658
Magnesium	3430000		26500	133000	1	04/13/2025 22:51	WG2489658
Manganese	394000		231	1330	1	04/13/2025 22:51	WG2489658
Nickel	9230		267	2670	1	04/13/2025 22:51	WG2489658
Potassium	2610000		27900	133000	1	04/13/2025 22:51	WG2489658
Selenium	U		1430	2670	1	04/13/2025 22:51	WG2489658
Silver	U		169	1330	1	04/13/2025 22:51	WG2489658
Sodium	390000		54900	133000	1	04/13/2025 22:51	WG2489658
Thallium	U		691	2670	1	04/13/2025 22:51	WG2489658
Vanadium	15800		511	2670	1	04/13/2025 22:51	WG2489658
Zinc	52400		1300	6670	1	04/13/2025 22:51	WG2489658

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

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	ug/kg		ug/kg	ug/kg		date / time	
TPH (GC/FID) Low Fraction	44.3	B J	28.9	133	1	04/14/2025 06:18	WG2489580
(S) a,a,a-Trifluorotoluene(FID)	*99.3*			*77.0-120*		*04/14/2025 06:18*	WG2489580

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

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	ug/kg		ug/kg	ug/kg		date / time	
Acetone	U		60.8	83.4	1	04/13/2025 18:22	WG2489584
Acrylonitrile	U		6.02	20.8	1	04/13/2025 18:22	WG2489584
Benzene	U		0.779	1.67	1	04/13/2025 18:22	WG2489584
Bromobenzene	U		1.50	20.8	1	04/13/2025 18:22	WG2489584
Bromodichloromethane	U		1.21	4.17	1	04/13/2025 18:22	WG2489584
Bromoform	U		1.95	41.7	1	04/13/2025 18:22	WG2489584

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
Bromomethane	U	C3 J4	3.28	20.8	1	04/13/2025 18:22	WG2489584
n-Butylbenzene	U		8.75	20.8	1	04/13/2025 18:22	WG2489584
sec-Butylbenzene	U		4.80	20.8	1	04/13/2025 18:22	WG2489584
tert-Butylbenzene	U		3.25	8.34	1	04/13/2025 18:22	WG2489584
Carbon tetrachloride	U		1.50	8.34	1	04/13/2025 18:22	WG2489584
Chlorobenzene	U		0.350	4.17	1	04/13/2025 18:22	WG2489584
Chlorodibromomethane	U		1.02	4.17	1	04/13/2025 18:22	WG2489584
Chloroethane	U	C3 J4	2.83	8.34	1	04/13/2025 18:22	WG2489584
Chloroform	U		1.72	4.17	1	04/13/2025 18:22	WG2489584
Chloromethane	U	C3	7.25	20.8	1	04/13/2025 18:22	WG2489584
2-Chlorotoluene	U		1.44	4.17	1	04/13/2025 18:22	WG2489584
4-Chlorotoluene	U		0.750	8.34	1	04/13/2025 18:22	WG2489584
1,2-Dibromo-3-Chloropropane	U		6.50	41.7	1	04/13/2025 18:22	WG2489584
1,2-Dibromoethane	U		1.08	4.17	1	04/13/2025 18:22	WG2489584
Dibromomethane	U		1.25	8.34	1	04/13/2025 18:22	WG2489584
1,2-Dichlorobenzene	U		0.709	8.34	1	04/13/2025 18:22	WG2489584
1,3-Dichlorobenzene	U		1.00	8.34	1	04/13/2025 18:22	WG2489584
1,4-Dichlorobenzene	U		1.17	8.34	1	04/13/2025 18:22	WG2489584
Dichlorodifluoromethane	U	C3	2.68	8.34	1	04/13/2025 18:22	WG2489584
1,1-Dichloroethane	U		0.819	4.17	1	04/13/2025 18:22	WG2489584
1,2-Dichloroethane	U		1.08	4.17	1	04/13/2025 18:22	WG2489584
1,1-Dichloroethene	U	C3	1.01	4.17	1	04/13/2025 18:22	WG2489584
cis-1,2-Dichloroethene	U		1.22	4.17	1	04/13/2025 18:22	WG2489584
trans-1,2-Dichloroethene	U	C3	1.73	8.34	1	04/13/2025 18:22	WG2489584
1,2-Dichloropropane	U		2.37	8.34	1	04/13/2025 18:22	WG2489584
1,1-Dichloropropene	U		1.35	4.17	1	04/13/2025 18:22	WG2489584
1,3-Dichloropropane	U		0.835	8.34	1	04/13/2025 18:22	WG2489584
cis-1,3-Dichloropropene	U		1.26	4.17	1	04/13/2025 18:22	WG2489584
trans-1,3-Dichloropropene	U		1.90	8.34	1	04/13/2025 18:22	WG2489584
2,2-Dichloropropane	U		2.30	4.17	1	04/13/2025 18:22	WG2489584
Di-isopropyl ether	U		0.684	1.67	1	04/13/2025 18:22	WG2489584
Ethylbenzene	U		1.23	4.17	1	04/13/2025 18:22	WG2489584
Hexachloro-1,3-butadiene	U		10.0	41.7	1	04/13/2025 18:22	WG2489584
Isopropylbenzene	U		0.709	4.17	1	04/13/2025 18:22	WG2489584
p-Isopropyltoluene	U		4.25	8.34	1	04/13/2025 18:22	WG2489584
2-Butanone (MEK)	U		106	167	1	04/13/2025 18:22	WG2489584
Methylene Chloride	U	C3	11.1	41.7	1	04/13/2025 18:22	WG2489584
4-Methyl-2-pentanone (MIBK)	U		3.80	41.7	1	04/13/2025 18:22	WG2489584
Methyl tert-butyl ether	U		0.583	1.67	1	04/13/2025 18:22	WG2489584
Naphthalene	U		8.14	20.8	1	04/13/2025 18:22	WG2489584
n-Propylbenzene	U		1.58	8.34	1	04/13/2025 18:22	WG2489584
Styrene	U		0.382	20.8	1	04/13/2025 18:22	WG2489584
1,1,1,2-Tetrachloroethane	U		1.58	4.17	1	04/13/2025 18:22	WG2489584
1,1,2,2-Tetrachloroethane	U	C3	1.16	4.17	1	04/13/2025 18:22	WG2489584
1,1,2-Trichlorotrifluoroethane	U		1.26	4.17	1	04/13/2025 18:22	WG2489584
Tetrachloroethene	U		1.49	4.17	1	04/13/2025 18:22	WG2489584
Toluene	3.62	B J	2.17	8.34	1	04/13/2025 18:22	WG2489584
1,2,3-Trichlorobenzene	U	J4	12.2	20.8	1	04/13/2025 18:22	WG2489584
1,2,4-Trichlorobenzene	U		7.34	20.8	1	04/13/2025 18:22	WG2489584
1,1,1-Trichloroethane	U		1.54	4.17	1	04/13/2025 18:22	WG2489584
1,1,2-Trichloroethane	U		0.995	4.17	1	04/13/2025 18:22	WG2489584
Trichloroethene	U		0.974	1.67	1	04/13/2025 18:22	WG2489584
Trichlorofluoromethane	U		1.38	4.17	1	04/13/2025 18:22	WG2489584
1,2,3-Trichloropropane	U		2.70	20.8	1	04/13/2025 18:22	WG2489584
1,2,4-Trimethylbenzene	U		2.63	8.34	1	04/13/2025 18:22	WG2489584
1,2,3-Trimethylbenzene	U		2.63	8.34	1	04/13/2025 18:22	WG2489584

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
1,3,5-Trimethylbenzene	U		3.33	8.34	1	04/13/2025 18:22	WG2489584
Vinyl chloride	U	C3 J4	1.93	4.17	1	04/13/2025 18:22	WG2489584
Xylenes, Total	U		1.47	10.8	1	04/13/2025 18:22	WG2489584
(S) Toluene-d8	*115*			*75.0-131*		*04/13/2025 18:22*	WG2489584
(S) 4-Bromofluorobenzene	*93.8*			*67.0-138*		*04/13/2025 18:22*	WG2489584
(S) 1,2-Dichloroethane-d4	*102*			*70.0-130*		*04/13/2025 18:22*	WG2489584

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry) ug/kg	Qualifier	MDL (dry) ug/kg	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	3800	J	2150	5330	1	04/13/2025 20:54	WG2489493
C28-C36 Motor Oil Range	8280		365	5330	1	04/13/2025 20:54	WG2489493
(S) o-Terphenyl	*36.7*			*18.0-148*		*04/13/2025 20:54*	WG2489493

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
Acenaphthene	U		7.19	44.4	1	04/14/2025 03:40	WG2489482
Acenaphthylene	U		6.25	44.4	1	04/14/2025 03:40	WG2489482
Anthracene	U		7.91	44.4	1	04/14/2025 03:40	WG2489482
Benzidine	U		83.5	2230	1	04/14/2025 03:40	WG2489482
Benzo(a)anthracene	U		7.83	44.4	1	04/14/2025 03:40	WG2489482
Benzo(b)fluoranthene	U		8.28	44.4	1	04/14/2025 03:40	WG2489482
Benzo(k)fluoranthene	U		7.89	44.4	1	04/14/2025 03:40	WG2489482
Benzo(g,h,i)perylene	U		8.12	44.4	1	04/14/2025 03:40	WG2489482
Benzo(a)pyrene	U	C3	8.25	44.4	1	04/14/2025 03:40	WG2489482
Bis(2-chlorethoxy)methane	U		13.3	444	1	04/14/2025 03:40	WG2489482
Bis(2-chloroethyl)ether	U	C3	14.7	444	1	04/14/2025 03:40	WG2489482
2,2-Oxybis(1-Chloropropane)	U		19.2	444	1	04/14/2025 03:40	WG2489482
4-Bromophenyl-phenylether	U		15.6	444	1	04/14/2025 03:40	WG2489482
2-Chloronaphthalene	U		7.80	44.4	1	04/14/2025 03:40	WG2489482
4-Chlorophenyl-phenylether	U		15.5	444	1	04/14/2025 03:40	WG2489482
Chrysene	U		8.83	44.4	1	04/14/2025 03:40	WG2489482
Dibenz(a,h)anthracene	U		12.3	44.4	1	04/14/2025 03:40	WG2489482
1,2-Dichlorobenzene	U		13.2	444	1	04/14/2025 03:40	WG2489482
1,3-Dichlorobenzene	U		13.5	444	1	04/14/2025 03:40	WG2489482
1,4-Dichlorobenzene	U		13.2	444	1	04/14/2025 03:40	WG2489482
3,3-Dichlorobenzidine	U		16.4	444	1	04/14/2025 03:40	WG2489482
2,4-Dinitrotoluene	U		12.7	444	1	04/14/2025 03:40	WG2489482
2,6-Dinitrotoluene	U		14.5	444	1	04/14/2025 03:40	WG2489482
Fluoranthene	U	C3	8.01	44.4	1	04/14/2025 03:40	WG2489482
Fluorene	U		7.23	44.4	1	04/14/2025 03:40	WG2489482
Hexachlorobenzene	U	C3	15.7	444	1	04/14/2025 03:40	WG2489482
Hexachloro-1,3-butadiene	U	C3	14.9	444	1	04/14/2025 03:40	WG2489482
Hexachlorocyclopentadiene	U		23.3	444	1	04/14/2025 03:40	WG2489482
Hexachloroethane	U		17.5	444	1	04/14/2025 03:40	WG2489482
Indeno(1,2,3-cd)pyrene	U		12.5	44.4	1	04/14/2025 03:40	WG2489482
Isophorone	U		13.6	444	1	04/14/2025 03:40	WG2489482
Naphthalene	U	C3	11.1	44.4	1	04/14/2025 03:40	WG2489482
Nitrobenzene	U		15.5	444	1	04/14/2025 03:40	WG2489482
n-Nitrosodimethylamine	U		65.9	444	1	04/14/2025 03:40	WG2489482
n-Nitrosodiphenylamine	U		33.6	444	1	04/14/2025 03:40	WG2489482
n-Nitrosodi-n-propylamine	U		14.8	444	1	04/14/2025 03:40	WG2489482
Phenanthrene	U		8.81	44.4	1	04/14/2025 03:40	WG2489482
Benzylbutyl phthalate	U		13.9	444	1	04/14/2025 03:40	WG2489482

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
Bis(2-ethylhexyl)phthalate	U		56.3	444	1	04/14/2025 03:40	WG2489482
Di-n-butyl phthalate	U		15.2	444	1	04/14/2025 03:40	WG2489482
Diethyl phthalate	U		14.7	444	1	04/14/2025 03:40	WG2489482
Dimethyl phthalate	U		94.1	444	1	04/14/2025 03:40	WG2489482
Di-n-octyl phthalate	U		30.0	444	1	04/14/2025 03:40	WG2489482
Pyrene	U		8.64	44.4	1	04/14/2025 03:40	WG2489482
1,2,4-Trichlorobenzene	U		13.9	444	1	04/14/2025 03:40	WG2489482
4-Chloro-3-methylphenol	U		14.4	444	1	04/14/2025 03:40	WG2489482
2-Chlorophenol	U		14.7	444	1	04/14/2025 03:40	WG2489482
2,4-Dichlorophenol	U		12.9	444	1	04/14/2025 03:40	WG2489482
2,4-Dimethylphenol	U	C3	11.6	444	1	04/14/2025 03:40	WG2489482
4,6-Dinitro-2-methylphenol	U	C3	101	444	1	04/14/2025 03:40	WG2489482
2,4-Dinitrophenol	U		104	444	1	04/14/2025 03:40	WG2489482
2-Nitrophenol	U		15.9	444	1	04/14/2025 03:40	WG2489482
4-Nitrophenol	U		13.9	444	1	04/14/2025 03:40	WG2489482
Pentachlorophenol	U	C3	11.9	444	1	04/14/2025 03:40	WG2489482
Phenol	U		17.9	444	1	04/14/2025 03:40	WG2489482
2,4,6-Trichlorophenol	U		14.3	444	1	04/14/2025 03:40	WG2489482
(S) 2-Fluorophenol	*68.0*			*12.0-120*		*04/14/2025 03:40*	WG2489482
(S) Phenol-d5	*60.4*			*10.0-120*		*04/14/2025 03:40*	WG2489482
(S) Nitrobenzene-d5	*57.0*			*10.0-122*		*04/14/2025 03:40*	WG2489482
(S) 2-Fluorobiphenyl	*56.1*			*15.0-120*		*04/14/2025 03:40*	WG2489482
(S) 2,4,6-Tribromophenol	*46.3*			*10.0-127*		*04/14/2025 03:40*	WG2489482
(S) p-Terphenyl-d14	*55.2*			*10.0-120*		*04/14/2025 03:40*	WG2489482

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	71.2		1	04/13/2025 12:55	WG2489485

Wet Chemistry by Method 7199

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	ug/kg		ug/kg	ug/kg		date / time	
Hexavalent Chromium	U		533	1410	1	04/14/2025 08:25	WG2489614

Mercury by Method 7471B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	ug/kg		ug/kg	ug/kg		date / time	
Mercury	U		29.0	56.2	1	04/13/2025 19:42	WG2489622

Metals (ICP) by Method 6010D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	ug/kg		ug/kg	ug/kg		date / time	
Aluminum	4850000		8550	28100	1	04/13/2025 22:53	WG2489658
Antimony	U		971	2810	1	04/13/2025 22:53	WG2489658
Arsenic	2840		1180	2810	1	04/13/2025 22:53	WG2489658
Barium	85500		119	703	1	04/13/2025 22:53	WG2489658
Beryllium	474		67.0	281	1	04/13/2025 22:53	WG2489658
Cadmium	231	J	91.8	703	1	04/13/2025 22:53	WG2489658
Calcium	11300000		26700	141000	1	04/13/2025 22:53	WG2489658
Chromium	5980		301	1410	1	04/13/2025 22:53	WG2489658
Cobalt	4020		249	1410	1	04/13/2025 22:53	WG2489658
Copper	16400		502	2810	1	04/13/2025 22:53	WG2489658
Iron	8420000		3150	14100	1	04/13/2025 22:53	WG2489658
Lead	8130		458	703	1	04/13/2025 22:53	WG2489658
Magnesium	2700000		28000	141000	1	04/13/2025 22:53	WG2489658
Manganese	385000		243	1410	1	04/13/2025 22:53	WG2489658
Nickel	7510		281	2810	1	04/13/2025 22:53	WG2489658
Potassium	1560000		29400	141000	1	04/13/2025 22:53	WG2489658
Selenium	U		1500	2810	1	04/13/2025 22:53	WG2489658
Silver	U		178	1410	1	04/13/2025 22:53	WG2489658
Sodium	434000		57900	141000	1	04/13/2025 22:53	WG2489658
Thallium	U		728	2810	1	04/13/2025 22:53	WG2489658
Vanadium	13600		538	2810	1	04/13/2025 22:53	WG2489658
Zinc	46500		1370	7030	1	04/13/2025 22:53	WG2489658

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

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	ug/kg		ug/kg	ug/kg		date / time	
TPH (GC/FID) Low Fraction	69.7	B J	30.5	141	1	04/14/2025 06:42	WG2489580
(S) a,a,a-Trifluorotoluene(FID)	*98.3*			*77.0-120*		*04/14/2025 06:42*	WG2489580

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

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	ug/kg		ug/kg	ug/kg		date / time	
Acetone	U		66.2	90.6	1	04/13/2025 18:41	WG2489584
Acrylonitrile	U		6.54	22.7	1	04/13/2025 18:41	WG2489584
Benzene	U		0.847	1.81	1	04/13/2025 18:41	WG2489584
Bromobenzene	U		1.63	22.7	1	04/13/2025 18:41	WG2489584
Bromodichloromethane	U		1.31	4.53	1	04/13/2025 18:41	WG2489584
Bromoform	U		2.12	45.3	1	04/13/2025 18:41	WG2489584

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
Bromomethane	U	C3 J4	3.57	22.7	1	04/13/2025 18:41	WG2489584
n-Butylbenzene	U		9.52	22.7	1	04/13/2025 18:41	WG2489584
sec-Butylbenzene	U		5.22	22.7	1	04/13/2025 18:41	WG2489584
tert-Butylbenzene	U		3.54	9.06	1	04/13/2025 18:41	WG2489584
Carbon tetrachloride	U		1.63	9.06	1	04/13/2025 18:41	WG2489584
Chlorobenzene	U		0.381	4.53	1	04/13/2025 18:41	WG2489584
Chlorodibromomethane	U		1.11	4.53	1	04/13/2025 18:41	WG2489584
Chloroethane	U	C3 J4	3.08	9.06	1	04/13/2025 18:41	WG2489584
Chloroform	U		1.87	4.53	1	04/13/2025 18:41	WG2489584
Chloromethane	U	C3	7.89	22.7	1	04/13/2025 18:41	WG2489584
2-Chlorotoluene	U		1.57	4.53	1	04/13/2025 18:41	WG2489584
4-Chlorotoluene	U		0.816	9.06	1	04/13/2025 18:41	WG2489584
1,2-Dibromo-3-Chloropropane	U		7.07	45.3	1	04/13/2025 18:41	WG2489584
1,2-Dibromoethane	U		1.17	4.53	1	04/13/2025 18:41	WG2489584
Dibromomethane	U		1.36	9.06	1	04/13/2025 18:41	WG2489584
1,2-Dichlorobenzene	U		0.771	9.06	1	04/13/2025 18:41	WG2489584
1,3-Dichlorobenzene	U		1.09	9.06	1	04/13/2025 18:41	WG2489584
1,4-Dichlorobenzene	U		1.27	9.06	1	04/13/2025 18:41	WG2489584
Dichlorodifluoromethane	U	C3	2.92	9.06	1	04/13/2025 18:41	WG2489584
1,1-Dichloroethane	U		0.890	4.53	1	04/13/2025 18:41	WG2489584
1,2-Dichloroethane	U		1.18	4.53	1	04/13/2025 18:41	WG2489584
1,1-Dichloroethene	U	C3	1.10	4.53	1	04/13/2025 18:41	WG2489584
cis-1,2-Dichloroethene	U		1.33	4.53	1	04/13/2025 18:41	WG2489584
trans-1,2-Dichloroethene	U	C3	1.89	9.06	1	04/13/2025 18:41	WG2489584
1,2-Dichloropropane	U		2.57	9.06	1	04/13/2025 18:41	WG2489584
1,1-Dichloropropene	U		1.47	4.53	1	04/13/2025 18:41	WG2489584
1,3-Dichloropropane	U		0.908	9.06	1	04/13/2025 18:41	WG2489584
cis-1,3-Dichloropropene	U		1.37	4.53	1	04/13/2025 18:41	WG2489584
trans-1,3-Dichloropropene	U		2.07	9.06	1	04/13/2025 18:41	WG2489584
2,2-Dichloropropane	U		2.50	4.53	1	04/13/2025 18:41	WG2489584
Di-isopropyl ether	U		0.743	1.81	1	04/13/2025 18:41	WG2489584
Ethylbenzene	U		1.34	4.53	1	04/13/2025 18:41	WG2489584
Hexachloro-1,3-butadiene	U		10.9	45.3	1	04/13/2025 18:41	WG2489584
Isopropylbenzene	U		0.771	4.53	1	04/13/2025 18:41	WG2489584
p-Isopropyltoluene	U		4.62	9.06	1	04/13/2025 18:41	WG2489584
2-Butanone (MEK)	U		115	181	1	04/13/2025 18:41	WG2489584
Methylene Chloride	U	C3	12.0	45.3	1	04/13/2025 18:41	WG2489584
4-Methyl-2-pentanone (MIBK)	U		4.13	45.3	1	04/13/2025 18:41	WG2489584
Methyl tert-butyl ether	U		0.635	1.81	1	04/13/2025 18:41	WG2489584
Naphthalene	U		8.85	22.7	1	04/13/2025 18:41	WG2489584
n-Propylbenzene	U		1.72	9.06	1	04/13/2025 18:41	WG2489584
Styrene	U		0.415	22.7	1	04/13/2025 18:41	WG2489584
1,1,1,2-Tetrachloroethane	U		1.72	4.53	1	04/13/2025 18:41	WG2489584
1,1,2,2-Tetrachloroethane	U	C3	1.26	4.53	1	04/13/2025 18:41	WG2489584
1,1,2-Trichlorotrifluoroethane	U		1.37	4.53	1	04/13/2025 18:41	WG2489584
Tetrachloroethene	U		1.62	4.53	1	04/13/2025 18:41	WG2489584
Toluene	4.26	B J	2.36	9.06	1	04/13/2025 18:41	WG2489584
1,2,3-Trichlorobenzene	U	J4	13.3	22.7	1	04/13/2025 18:41	WG2489584
1,2,4-Trichlorobenzene	U		7.98	22.7	1	04/13/2025 18:41	WG2489584
1,1,1-Trichloroethane	U		1.67	4.53	1	04/13/2025 18:41	WG2489584
1,1,2-Trichloroethane	U		1.08	4.53	1	04/13/2025 18:41	WG2489584
Trichloroethene	U		1.06	1.81	1	04/13/2025 18:41	WG2489584
Trichlorofluoromethane	U		1.50	4.53	1	04/13/2025 18:41	WG2489584
1,2,3-Trichloropropane	U		2.94	22.7	1	04/13/2025 18:41	WG2489584
1,2,4-Trimethylbenzene	U		2.86	9.06	1	04/13/2025 18:41	WG2489584
1,2,3-Trimethylbenzene	U		2.86	9.06	1	04/13/2025 18:41	WG2489584

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
1,3,5-Trimethylbenzene	U		3.63	9.06	1	04/13/2025 18:41	WG2489584
Vinyl chloride	U	C3 J4	2.10	4.53	1	04/13/2025 18:41	WG2489584
Xylenes, Total	U		1.60	11.8	1	04/13/2025 18:41	WG2489584
(S) Toluene-d8	*114*			*75.0-131*		*04/13/2025 18:41*	WG2489584
(S) 4-Bromofluorobenzene	*90.4*			*67.0-138*		*04/13/2025 18:41*	WG2489584
(S) 1,2-Dichloroethane-d4	*98.9*			*70.0-130*		*04/13/2025 18:41*	WG2489584

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry) ug/kg	Qualifier	MDL (dry) ug/kg	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	2640	J	2260	5620	1	04/13/2025 21:08	WG2489493
C28-C36 Motor Oil Range	13300		385	5620	1	04/13/2025 21:08	WG2489493
(S) o-Terphenyl	*41.0*			*18.0-148*		*04/13/2025 21:08*	WG2489493

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
Acenaphthene	U		7.58	46.8	1	04/14/2025 04:02	WG2489482
Acenaphthylene	U		6.59	46.8	1	04/14/2025 04:02	WG2489482
Anthracene	U		8.33	46.8	1	04/14/2025 04:02	WG2489482
Benzidine	U		88.0	2350	1	04/14/2025 04:02	WG2489482
Benzo(a)anthracene	U		8.25	46.8	1	04/14/2025 04:02	WG2489482
Benzo(b)fluoranthene	U		8.73	46.8	1	04/14/2025 04:02	WG2489482
Benzo(k)fluoranthene	U		8.32	46.8	1	04/14/2025 04:02	WG2489482
Benzo(g,h,i)perylene	U		8.56	46.8	1	04/14/2025 04:02	WG2489482
Benzo(a)pyrene	U	C3	8.70	46.8	1	04/14/2025 04:02	WG2489482
Bis(2-chlorethoxy)methane	U		14.1	468	1	04/14/2025 04:02	WG2489482
Bis(2-chloroethyl)ether	U	C3	15.5	468	1	04/14/2025 04:02	WG2489482
2,2-Oxybis(1-Chloropropane)	U		20.2	468	1	04/14/2025 04:02	WG2489482
4-Bromophenyl-phenylether	U		16.4	468	1	04/14/2025 04:02	WG2489482
2-Chloronaphthalene	U		8.22	46.8	1	04/14/2025 04:02	WG2489482
4-Chlorophenyl-phenylether	U		16.3	468	1	04/14/2025 04:02	WG2489482
Chrysene	U		9.30	46.8	1	04/14/2025 04:02	WG2489482
Dibenz(a,h)anthracene	U		13.0	46.8	1	04/14/2025 04:02	WG2489482
1,2-Dichlorobenzene	U		13.9	468	1	04/14/2025 04:02	WG2489482
1,3-Dichlorobenzene	U		14.2	468	1	04/14/2025 04:02	WG2489482
1,4-Dichlorobenzene	U		13.9	468	1	04/14/2025 04:02	WG2489482
3,3-Dichlorobenzidine	U		17.3	468	1	04/14/2025 04:02	WG2489482
2,4-Dinitrotoluene	U		13.4	468	1	04/14/2025 04:02	WG2489482
2,6-Dinitrotoluene	U		15.3	468	1	04/14/2025 04:02	WG2489482
Fluoranthene	U	C3	8.45	46.8	1	04/14/2025 04:02	WG2489482
Fluorene	U		7.62	46.8	1	04/14/2025 04:02	WG2489482
Hexachlorobenzene	U	C3	16.6	468	1	04/14/2025 04:02	WG2489482
Hexachloro-1,3-butadiene	U	C3	15.7	468	1	04/14/2025 04:02	WG2489482
Hexachlorocyclopentadiene	U		24.6	468	1	04/14/2025 04:02	WG2489482
Hexachloroethane	U		18.4	468	1	04/14/2025 04:02	WG2489482
Indeno(1,2,3-cd)pyrene	U		13.2	46.8	1	04/14/2025 04:02	WG2489482
Isophorone	U		14.3	468	1	04/14/2025 04:02	WG2489482
Naphthalene	U	C3	11.7	46.8	1	04/14/2025 04:02	WG2489482
Nitrobenzene	U		16.3	468	1	04/14/2025 04:02	WG2489482
n-Nitrosodimethylamine	U		69.4	468	1	04/14/2025 04:02	WG2489482
n-Nitrosodiphenylamine	U		35.4	468	1	04/14/2025 04:02	WG2489482
n-Nitrosodi-n-propylamine	U		15.6	468	1	04/14/2025 04:02	WG2489482
Phenanthrene	U		9.29	46.8	1	04/14/2025 04:02	WG2489482
Benzylbutyl phthalate	U		14.6	468	1	04/14/2025 04:02	WG2489482

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
Bis(2-ethylhexyl)phthalate	U		59.3	468	1	04/14/2025 04:02	WG2489482
Di-n-butyl phthalate	U		16.0	468	1	04/14/2025 04:02	WG2489482
Diethyl phthalate	U		15.5	468	1	04/14/2025 04:02	WG2489482
Dimethyl phthalate	U		99.2	468	1	04/14/2025 04:02	WG2489482
Di-n-octyl phthalate	U		31.6	468	1	04/14/2025 04:02	WG2489482
Pyrene	U		9.11	46.8	1	04/14/2025 04:02	WG2489482
1,2,4-Trichlorobenzene	U		14.6	468	1	04/14/2025 04:02	WG2489482
4-Chloro-3-methylphenol	U		15.2	468	1	04/14/2025 04:02	WG2489482
2-Chlorophenol	U		15.5	468	1	04/14/2025 04:02	WG2489482
2,4-Dichlorophenol	U		13.6	468	1	04/14/2025 04:02	WG2489482
2,4-Dimethylphenol	U	C3	12.2	468	1	04/14/2025 04:02	WG2489482
4,6-Dinitro-2-methylphenol	U	C3	106	468	1	04/14/2025 04:02	WG2489482
2,4-Dinitrophenol	U		109	468	1	04/14/2025 04:02	WG2489482
2-Nitrophenol	U		16.7	468	1	04/14/2025 04:02	WG2489482
4-Nitrophenol	U		14.6	468	1	04/14/2025 04:02	WG2489482
Pentachlorophenol	U	C3	12.6	468	1	04/14/2025 04:02	WG2489482
Phenol	U		18.8	468	1	04/14/2025 04:02	WG2489482
2,4,6-Trichlorophenol	U		15.0	468	1	04/14/2025 04:02	WG2489482
(S) 2-Fluorophenol	*71.0*			*12.0-120*		*04/14/2025 04:02*	WG2489482
(S) Phenol-d5	*64.6*			*10.0-120*		*04/14/2025 04:02*	WG2489482
(S) Nitrobenzene-d5	*61.1*			*10.0-122*		*04/14/2025 04:02*	WG2489482
(S) 2-Fluorobiphenyl	*57.8*			*15.0-120*		*04/14/2025 04:02*	WG2489482
(S) 2,4,6-Tribromophenol	*51.5*			*10.0-127*		*04/14/2025 04:02*	WG2489482
(S) p-Terphenyl-d14	*61.4*			*10.0-120*		*04/14/2025 04:02*	WG2489482

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	72.5		1	04/13/2025 13:32	WG2489513

Wet Chemistry by Method 7199

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	ug/kg		ug/kg	ug/kg		date / time	
Hexavalent Chromium	U		523	1380	1	04/14/2025 08:34	WG2489614

Mercury by Method 7471B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	ug/kg		ug/kg	ug/kg		date / time	
Mercury	U		28.4	55.2	1	04/13/2025 19:45	WG2489622

Metals (ICP) by Method 6010D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	ug/kg		ug/kg	ug/kg		date / time	
Aluminum	3170000		8390	27600	1	04/13/2025 21:51	WG2489616
Antimony	U		953	2760	1	04/13/2025 21:51	WG2489616
Arsenic	2710	J	1150	2760	1	04/13/2025 21:51	WG2489616
Barium	63800		117	690	1	04/13/2025 21:51	WG2489616
Beryllium	359		65.8	276	1	04/13/2025 21:51	WG2489616
Cadmium	156	J	90.1	690	1	04/13/2025 21:51	WG2489616
Calcium	10100000		26200	138000	1	04/13/2025 21:51	WG2489616
Chromium	3960		295	1380	1	04/13/2025 21:51	WG2489616
Cobalt	3130		244	1380	1	04/13/2025 21:51	WG2489616
Copper	13700		493	2760	1	04/13/2025 21:51	WG2489616
Iron	6350000		3090	13800	1	04/13/2025 21:51	WG2489616
Lead	8170		450	690	1	04/13/2025 21:51	WG2489616
Magnesium	1970000		27500	138000	1	04/13/2025 21:51	WG2489616
Manganese	360000		239	1380	1	04/13/2025 21:51	WG2489616
Nickel	5540		276	2760	1	04/13/2025 21:51	WG2489616
Potassium	1220000		28800	138000	1	04/13/2025 21:51	WG2489616
Selenium	U		1480	2760	1	04/13/2025 21:51	WG2489616
Silver	U		175	1380	1	04/13/2025 21:51	WG2489616
Sodium	398000		56800	138000	1	04/13/2025 21:51	WG2489616
Thallium	U		715	2760	1	04/13/2025 21:51	WG2489616
Vanadium	10200		528	2760	1	04/13/2025 21:51	WG2489616
Zinc	36800		1340	6900	1	04/13/2025 21:51	WG2489616

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

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	ug/kg		ug/kg	ug/kg		date / time	
TPH (GC/FID) Low Fraction	52.6	B J	29.9	138	1	04/14/2025 04:38	WG2489588
(S) a,a,a-Trifluorotoluene(FID)	*97.2*			*77.0-120*		*04/14/2025 04:38*	WG2489588

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

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	ug/kg		ug/kg	ug/kg		date / time	
Acetone	U		64.3	88.1	1	04/13/2025 19:01	WG2489584
Acrylonitrile	U		6.36	22.0	1	04/13/2025 19:01	WG2489584
Benzene	U		0.822	1.76	1	04/13/2025 19:01	WG2489584
Bromobenzene	U		1.59	22.0	1	04/13/2025 19:01	WG2489584
Bromodichloromethane	U		1.28	4.40	1	04/13/2025 19:01	WG2489584
Bromoform	U		2.06	44.0	1	04/13/2025 19:01	WG2489584

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
Bromomethane	U	C3 J4	3.47	22.0	1	04/13/2025 19:01	WG2489584
n-Butylbenzene	U		9.25	22.0	1	04/13/2025 19:01	WG2489584
sec-Butylbenzene	U		5.07	22.0	1	04/13/2025 19:01	WG2489584
tert-Butylbenzene	U		3.43	8.81	1	04/13/2025 19:01	WG2489584
Carbon tetrachloride	U		1.58	8.81	1	04/13/2025 19:01	WG2489584
Chlorobenzene	U		0.370	4.40	1	04/13/2025 19:01	WG2489584
Chlorodibromomethane	U		1.08	4.40	1	04/13/2025 19:01	WG2489584
Chloroethane	U	C3 J4	2.99	8.81	1	04/13/2025 19:01	WG2489584
Chloroform	U		1.81	4.40	1	04/13/2025 19:01	WG2489584
Chloromethane	U	C3	7.66	22.0	1	04/13/2025 19:01	WG2489584
2-Chlorotoluene	U		1.52	4.40	1	04/13/2025 19:01	WG2489584
4-Chlorotoluene	U		0.793	8.81	1	04/13/2025 19:01	WG2489584
1,2-Dibromo-3-Chloropropane	U		6.87	44.0	1	04/13/2025 19:01	WG2489584
1,2-Dibromoethane	U		1.14	4.40	1	04/13/2025 19:01	WG2489584
Dibromomethane	U		1.32	8.81	1	04/13/2025 19:01	WG2489584
1,2-Dichlorobenzene	U		0.748	8.81	1	04/13/2025 19:01	WG2489584
1,3-Dichlorobenzene	U		1.06	8.81	1	04/13/2025 19:01	WG2489584
1,4-Dichlorobenzene	U		1.23	8.81	1	04/13/2025 19:01	WG2489584
Dichlorodifluoromethane	U	C3	2.84	8.81	1	04/13/2025 19:01	WG2489584
1,1-Dichloroethane	U		0.865	4.40	1	04/13/2025 19:01	WG2489584
1,2-Dichloroethane	U		1.14	4.40	1	04/13/2025 19:01	WG2489584
1,1-Dichloroethene	U	C3	1.07	4.40	1	04/13/2025 19:01	WG2489584
cis-1,2-Dichloroethene	U		1.29	4.40	1	04/13/2025 19:01	WG2489584
trans-1,2-Dichloroethene	U	C3	1.83	8.81	1	04/13/2025 19:01	WG2489584
1,2-Dichloropropane	U		2.50	8.81	1	04/13/2025 19:01	WG2489584
1,1-Dichloropropene	U		1.42	4.40	1	04/13/2025 19:01	WG2489584
1,3-Dichloropropane	U		0.882	8.81	1	04/13/2025 19:01	WG2489584
cis-1,3-Dichloropropene	U		1.33	4.40	1	04/13/2025 19:01	WG2489584
trans-1,3-Dichloropropene	U		2.01	8.81	1	04/13/2025 19:01	WG2489584
2,2-Dichloropropane	U		2.43	4.40	1	04/13/2025 19:01	WG2489584
Di-isopropyl ether	U		0.722	1.76	1	04/13/2025 19:01	WG2489584
Ethylbenzene	U		1.30	4.40	1	04/13/2025 19:01	WG2489584
Hexachloro-1,3-butadiene	U		10.6	44.0	1	04/13/2025 19:01	WG2489584
Isopropylbenzene	U		0.748	4.40	1	04/13/2025 19:01	WG2489584
p-Isopropyltoluene	U		4.49	8.81	1	04/13/2025 19:01	WG2489584
2-Butanone (MEK)	U		112	176	1	04/13/2025 19:01	WG2489584
Methylene Chloride	U	C3	11.7	44.0	1	04/13/2025 19:01	WG2489584
4-Methyl-2-pentanone (MIBK)	U		4.02	44.0	1	04/13/2025 19:01	WG2489584
Methyl tert-butyl ether	U		0.616	1.76	1	04/13/2025 19:01	WG2489584
Naphthalene	U		8.59	22.0	1	04/13/2025 19:01	WG2489584
n-Propylbenzene	U		1.67	8.81	1	04/13/2025 19:01	WG2489584
Styrene	U		0.403	22.0	1	04/13/2025 19:01	WG2489584
1,1,1,2-Tetrachloroethane	U		1.67	4.40	1	04/13/2025 19:01	WG2489584
1,1,2,2-Tetrachloroethane	U	C3	1.22	4.40	1	04/13/2025 19:01	WG2489584
1,1,2-Trichlorotrifluoroethane	U		1.33	4.40	1	04/13/2025 19:01	WG2489584
Tetrachloroethene	U		1.58	4.40	1	04/13/2025 19:01	WG2489584
Toluene	4.40	B J	2.29	8.81	1	04/13/2025 19:01	WG2489584
1,2,3-Trichlorobenzene	U	J4	12.9	22.0	1	04/13/2025 19:01	WG2489584
1,2,4-Trichlorobenzene	U		7.75	22.0	1	04/13/2025 19:01	WG2489584
1,1,1-Trichloroethane	U		1.63	4.40	1	04/13/2025 19:01	WG2489584
1,1,2-Trichloroethane	U		1.05	4.40	1	04/13/2025 19:01	WG2489584
Trichloroethene	U		1.03	1.76	1	04/13/2025 19:01	WG2489584
Trichlorofluoromethane	U		1.46	4.40	1	04/13/2025 19:01	WG2489584
1,2,3-Trichloropropane	U		2.85	22.0	1	04/13/2025 19:01	WG2489584
1,2,4-Trimethylbenzene	U		2.78	8.81	1	04/13/2025 19:01	WG2489584
1,2,3-Trimethylbenzene	U		2.78	8.81	1	04/13/2025 19:01	WG2489584

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
1,3,5-Trimethylbenzene	U		3.52	8.81	1	04/13/2025 19:01	WG2489584
Vinyl chloride	U	C3 J4	2.04	4.40	1	04/13/2025 19:01	WG2489584
Xylenes, Total	U		1.55	11.4	1	04/13/2025 19:01	WG2489584
(S) Toluene-d8	*116*			*75.0-131*		*04/13/2025 19:01*	WG2489584
(S) 4-Bromofluorobenzene	*93.8*			*67.0-138*		*04/13/2025 19:01*	WG2489584
(S) 1,2-Dichloroethane-d4	*105*			*70.0-130*		*04/13/2025 19:01*	WG2489584

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry) ug/kg	Qualifier	MDL (dry) ug/kg	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	9420		2220	5520	1	04/13/2025 23:24	WG2489494
C28-C36 Motor Oil Range	4080	J	378	5520	1	04/13/2025 23:24	WG2489494
(S) o-Terphenyl	*59.0*			*18.0-148*		*04/13/2025 23:24*	WG2489494

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
Acenaphthene	U		7.44	45.9	1	04/14/2025 12:00	WG2489487
Acenaphthylene	U		6.47	45.9	1	04/14/2025 12:00	WG2489487
Anthracene	U		8.18	45.9	1	04/14/2025 12:00	WG2489487
Benzidine	U		86.4	2300	1	04/14/2025 12:00	WG2489487
Benzo(a)anthracene	U		8.10	45.9	1	04/14/2025 12:00	WG2489487
Benzo(b)fluoranthene	U		8.57	45.9	1	04/14/2025 12:00	WG2489487
Benzo(k)fluoranthene	U		8.17	45.9	1	04/14/2025 12:00	WG2489487
Benzo(g,h,i)perylene	U		8.40	45.9	1	04/14/2025 12:00	WG2489487
Benzo(a)pyrene	U		8.54	45.9	1	04/14/2025 12:00	WG2489487
Bis(2-chlorethoxy)methane	U		13.8	459	1	04/14/2025 12:00	WG2489487
Bis(2-chloroethyl)ether	U	C3	15.2	459	1	04/14/2025 12:00	WG2489487
2,2-Oxybis(1-Chloropropane)	U		19.9	459	1	04/14/2025 12:00	WG2489487
4-Bromophenyl-phenylether	U		16.1	459	1	04/14/2025 12:00	WG2489487
2-Chloronaphthalene	U		8.07	45.9	1	04/14/2025 12:00	WG2489487
4-Chlorophenyl-phenylether	U	C3	16.0	459	1	04/14/2025 12:00	WG2489487
Chrysene	U		9.13	45.9	1	04/14/2025 12:00	WG2489487
Dibenz(a,h)anthracene	U		12.7	45.9	1	04/14/2025 12:00	WG2489487
1,2-Dichlorobenzene	U		13.6	459	1	04/14/2025 12:00	WG2489487
1,3-Dichlorobenzene	U		13.9	459	1	04/14/2025 12:00	WG2489487
1,4-Dichlorobenzene	U		13.7	459	1	04/14/2025 12:00	WG2489487
3,3-Dichlorobenzidine	U		17.0	459	1	04/14/2025 12:00	WG2489487
2,4-Dinitrotoluene	U		13.2	459	1	04/14/2025 12:00	WG2489487
2,6-Dinitrotoluene	U		15.0	459	1	04/14/2025 12:00	WG2489487
Fluoranthene	U		8.29	45.9	1	04/14/2025 12:00	WG2489487
Fluorene	U		7.48	45.9	1	04/14/2025 12:00	WG2489487
Hexachlorobenzene	U	C3	16.3	459	1	04/14/2025 12:00	WG2489487
Hexachloro-1,3-butadiene	U	C3	15.5	459	1	04/14/2025 12:00	WG2489487
Hexachlorocyclopentadiene	U		24.1	459	1	04/14/2025 12:00	WG2489487
Hexachloroethane	U		18.1	459	1	04/14/2025 12:00	WG2489487
Indeno(1,2,3-cd)pyrene	U		13.0	45.9	1	04/14/2025 12:00	WG2489487
Isophorone	U		14.1	459	1	04/14/2025 12:00	WG2489487
Naphthalene	U		11.5	45.9	1	04/14/2025 12:00	WG2489487
Nitrobenzene	U		16.0	459	1	04/14/2025 12:00	WG2489487
n-Nitrosodimethylamine	U		68.2	459	1	04/14/2025 12:00	WG2489487
n-Nitrosodiphenylamine	U		34.8	459	1	04/14/2025 12:00	WG2489487
n-Nitrosodi-n-propylamine	U		15.3	459	1	04/14/2025 12:00	WG2489487
Phenanthrene	U		9.12	45.9	1	04/14/2025 12:00	WG2489487
Benzylbutyl phthalate	U		14.3	459	1	04/14/2025 12:00	WG2489487

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
Bis(2-ethylhexyl)phthalate	U		58.2	459	1	04/14/2025 12:00	WG2489487
Di-n-butyl phthalate	U		15.7	459	1	04/14/2025 12:00	WG2489487
Diethyl phthalate	U		15.2	459	1	04/14/2025 12:00	WG2489487
Dimethyl phthalate	U		97.4	459	1	04/14/2025 12:00	WG2489487
Di-n-octyl phthalate	U		31.0	459	1	04/14/2025 12:00	WG2489487
Pyrene	U		8.94	45.9	1	04/14/2025 12:00	WG2489487
1,2,4-Trichlorobenzene	U		14.3	459	1	04/14/2025 12:00	WG2489487
4-Chloro-3-methylphenol	U		14.9	459	1	04/14/2025 12:00	WG2489487
2-Chlorophenol	U		15.2	459	1	04/14/2025 12:00	WG2489487
2,4-Dichlorophenol	U		13.4	459	1	04/14/2025 12:00	WG2489487
2,4-Dimethylphenol	U	C3	12.0	459	1	04/14/2025 12:00	WG2489487
4,6-Dinitro-2-methylphenol	U	C3	104	459	1	04/14/2025 12:00	WG2489487
2,4-Dinitrophenol	U	C3	107	459	1	04/14/2025 12:00	WG2489487
2-Nitrophenol	U		16.4	459	1	04/14/2025 12:00	WG2489487
4-Nitrophenol	U		14.3	459	1	04/14/2025 12:00	WG2489487
Pentachlorophenol	U	C3	12.4	459	1	04/14/2025 12:00	WG2489487
Phenol	U		18.5	459	1	04/14/2025 12:00	WG2489487
2,4,6-Trichlorophenol	U		14.8	459	1	04/14/2025 12:00	WG2489487
(S) 2-Fluorophenol	*57.7*			*12.0-120*		*04/14/2025 12:00*	WG2489487
(S) Phenol-d5	*50.2*			*10.0-120*		*04/14/2025 12:00*	WG2489487
(S) Nitrobenzene-d5	*49.4*			*10.0-122*		*04/14/2025 12:00*	WG2489487
(S) 2-Fluorobiphenyl	*49.1*			*15.0-120*		*04/14/2025 12:00*	WG2489487
(S) 2,4,6-Tribromophenol	*39.8*			*10.0-127*		*04/14/2025 12:00*	WG2489487
(S) p-Terphenyl-d14	*50.9*			*10.0-120*		*04/14/2025 12:00*	WG2489487

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	76.4		1	04/13/2025 13:32	WG2489513

Wet Chemistry by Method 7199

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	ug/kg		ug/kg	ug/kg		date / time	
Hexavalent Chromium	U		496	1310	1	04/14/2025 08:43	WG2489614

Mercury by Method 7471B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	ug/kg		ug/kg	ug/kg		date / time	
Mercury	U		27.0	52.3	1	04/13/2025 19:48	WG2489622

Metals (ICP) by Method 6010D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	ug/kg		ug/kg	ug/kg		date / time	
Aluminum	3080000		7960	26200	1	04/13/2025 21:53	WG2489616
Antimony	U		904	2620	1	04/13/2025 21:53	WG2489616
Arsenic	2930		1100	2620	1	04/13/2025 21:53	WG2489616
Barium	62200		111	654	1	04/13/2025 21:53	WG2489616
Beryllium	344		62.4	262	1	04/13/2025 21:53	WG2489616
Cadmium	212	J	85.5	654	1	04/13/2025 21:53	WG2489616
Calcium	9400000		24900	131000	1	04/13/2025 21:53	WG2489616
Chromium	3890		280	1310	1	04/13/2025 21:53	WG2489616
Cobalt	3150		232	1310	1	04/13/2025 21:53	WG2489616
Copper	13700		467	2620	1	04/13/2025 21:53	WG2489616
Iron	5440000		2930	13100	1	04/13/2025 21:53	WG2489616
Lead	6730		427	654	1	04/13/2025 21:53	WG2489616
Magnesium	2090000		26000	131000	1	04/13/2025 21:53	WG2489616
Manganese	294000		226	1310	1	04/13/2025 21:53	WG2489616
Nickel	6200		262	2620	1	04/13/2025 21:53	WG2489616
Potassium	1450000		27400	131000	1	04/13/2025 21:53	WG2489616
Selenium	U		1400	2620	1	04/13/2025 21:53	WG2489616
Silver	U		166	1310	1	04/13/2025 21:53	WG2489616
Sodium	516000		53900	131000	1	04/13/2025 21:53	WG2489616
Thallium	U		678	2620	1	04/13/2025 21:53	WG2489616
Vanadium	10300		501	2620	1	04/13/2025 21:53	WG2489616
Zinc	37300		1270	6540	1	04/13/2025 21:53	WG2489616

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

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	ug/kg		ug/kg	ug/kg		date / time	
TPH (GC/FID) Low Fraction	93.4	B J	28.4	131	1	04/14/2025 05:01	WG2489588
(S) a,a,a-Trifluorotoluene(FID)	*96.0*			*77.0-120*		*04/14/2025 05:01*	WG2489588

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

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	ug/kg		ug/kg	ug/kg		date / time	
Acetone	U		59.1	81.0	1	04/13/2025 19:20	WG2489584
Acrylonitrile	U		5.85	20.3	1	04/13/2025 19:20	WG2489584
Benzene	U		0.757	1.62	1	04/13/2025 19:20	WG2489584
Bromobenzene	U		1.46	20.3	1	04/13/2025 19:20	WG2489584
Bromodichloromethane	U		1.17	4.05	1	04/13/2025 19:20	WG2489584
Bromoform	U		1.90	40.5	1	04/13/2025 19:20	WG2489584

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
Bromomethane	U	C3 J4	3.19	20.3	1	04/13/2025 19:20	WG2489584
n-Butylbenzene	U		8.51	20.3	1	04/13/2025 19:20	WG2489584
sec-Butylbenzene	U		4.67	20.3	1	04/13/2025 19:20	WG2489584
tert-Butylbenzene	U		3.16	8.10	1	04/13/2025 19:20	WG2489584
Carbon tetrachloride	U		1.46	8.10	1	04/13/2025 19:20	WG2489584
Chlorobenzene	U		0.340	4.05	1	04/13/2025 19:20	WG2489584
Chlorodibromomethane	U		0.992	4.05	1	04/13/2025 19:20	WG2489584
Chloroethane	U	C3 J4	2.75	8.10	1	04/13/2025 19:20	WG2489584
Chloroform	U		1.67	4.05	1	04/13/2025 19:20	WG2489584
Chloromethane	U	C3	7.05	20.3	1	04/13/2025 19:20	WG2489584
2-Chlorotoluene	U		1.40	4.05	1	04/13/2025 19:20	WG2489584
4-Chlorotoluene	U		0.729	8.10	1	04/13/2025 19:20	WG2489584
1,2-Dibromo-3-Chloropropane	U		6.32	40.5	1	04/13/2025 19:20	WG2489584
1,2-Dibromoethane	U		1.05	4.05	1	04/13/2025 19:20	WG2489584
Dibromomethane	U		1.22	8.10	1	04/13/2025 19:20	WG2489584
1,2-Dichlorobenzene	U		0.689	8.10	1	04/13/2025 19:20	WG2489584
1,3-Dichlorobenzene	U		0.972	8.10	1	04/13/2025 19:20	WG2489584
1,4-Dichlorobenzene	U		1.13	8.10	1	04/13/2025 19:20	WG2489584
Dichlorodifluoromethane	U	C3	2.61	8.10	1	04/13/2025 19:20	WG2489584
1,1-Dichloroethane	U		0.796	4.05	1	04/13/2025 19:20	WG2489584
1,2-Dichloroethane	U		1.05	4.05	1	04/13/2025 19:20	WG2489584
1,1-Dichloroethene	U	C3	0.982	4.05	1	04/13/2025 19:20	WG2489584
cis-1,2-Dichloroethene	U		1.19	4.05	1	04/13/2025 19:20	WG2489584
trans-1,2-Dichloroethene	U	C3	1.69	8.10	1	04/13/2025 19:20	WG2489584
1,2-Dichloropropane	U		2.30	8.10	1	04/13/2025 19:20	WG2489584
1,1-Dichloropropene	U		1.31	4.05	1	04/13/2025 19:20	WG2489584
1,3-Dichloropropane	U		0.812	8.10	1	04/13/2025 19:20	WG2489584
cis-1,3-Dichloropropene	U		1.23	4.05	1	04/13/2025 19:20	WG2489584
trans-1,3-Dichloropropene	U		1.85	8.10	1	04/13/2025 19:20	WG2489584
2,2-Dichloropropane	U		2.24	4.05	1	04/13/2025 19:20	WG2489584
Di-isopropyl ether	U		0.664	1.62	1	04/13/2025 19:20	WG2489584
Ethylbenzene	U		1.19	4.05	1	04/13/2025 19:20	WG2489584
Hexachloro-1,3-butadiene	U		9.72	40.5	1	04/13/2025 19:20	WG2489584
Isopropylbenzene	U		0.689	4.05	1	04/13/2025 19:20	WG2489584
p-Isopropyltoluene	U		4.13	8.10	1	04/13/2025 19:20	WG2489584
2-Butanone (MEK)	U		103	162	1	04/13/2025 19:20	WG2489584
Methylene Chloride	U	C3	10.8	40.5	1	04/13/2025 19:20	WG2489584
4-Methyl-2-pentanone (MIBK)	U		3.69	40.5	1	04/13/2025 19:20	WG2489584
Methyl tert-butyl ether	U		0.567	1.62	1	04/13/2025 19:20	WG2489584
Naphthalene	U		7.91	20.3	1	04/13/2025 19:20	WG2489584
n-Propylbenzene	U		1.54	8.10	1	04/13/2025 19:20	WG2489584
Styrene	U		0.371	20.3	1	04/13/2025 19:20	WG2489584
1,1,1,2-Tetrachloroethane	U		1.54	4.05	1	04/13/2025 19:20	WG2489584
1,1,2,2-Tetrachloroethane	U	C3	1.13	4.05	1	04/13/2025 19:20	WG2489584
1,1,2-Trichlorotrifluoroethane	U		1.22	4.05	1	04/13/2025 19:20	WG2489584
Tetrachloroethene	U		1.45	4.05	1	04/13/2025 19:20	WG2489584
Toluene	3.22	B J	2.11	8.10	1	04/13/2025 19:20	WG2489584
1,2,3-Trichlorobenzene	U	J4	11.9	20.3	1	04/13/2025 19:20	WG2489584
1,2,4-Trichlorobenzene	U		7.13	20.3	1	04/13/2025 19:20	WG2489584
1,1,1-Trichloroethane	U		1.50	4.05	1	04/13/2025 19:20	WG2489584
1,1,2-Trichloroethane	U		0.967	4.05	1	04/13/2025 19:20	WG2489584
Trichloroethene	U		0.946	1.62	1	04/13/2025 19:20	WG2489584
Trichlorofluoromethane	U		1.34	4.05	1	04/13/2025 19:20	WG2489584
1,2,3-Trichloropropane	U		2.63	20.3	1	04/13/2025 19:20	WG2489584
1,2,4-Trimethylbenzene	U		2.56	8.10	1	04/13/2025 19:20	WG2489584
1,2,3-Trimethylbenzene	U		2.56	8.10	1	04/13/2025 19:20	WG2489584

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
1,3,5-Trimethylbenzene	U		3.24	8.10	1	04/13/2025 19:20	WG2489584
Vinyl chloride	U	C3 J4	1.88	4.05	1	04/13/2025 19:20	WG2489584
Xylenes, Total	U		1.43	10.5	1	04/13/2025 19:20	WG2489584
(S) Toluene-d8	*117*			*75.0-131*		*04/13/2025 19:20*	WG2489584
(S) 4-Bromofluorobenzene	*93.2*			*67.0-138*		*04/13/2025 19:20*	WG2489584
(S) 1,2-Dichloroethane-d4	*104*			*70.0-130*		*04/13/2025 19:20*	WG2489584

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry) ug/kg	Qualifier	MDL (dry) ug/kg	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	3150	J	2110	5230	1	04/13/2025 23:38	WG2489494
C28-C36 Motor Oil Range	7590		359	5230	1	04/13/2025 23:38	WG2489494
(S) o-Terphenyl	*67.3*			*18.0-148*		*04/13/2025 23:38*	WG2489494

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
Acenaphthene	U		7.05	43.6	1	04/14/2025 12:31	WG2489487
Acenaphthylene	U		6.14	43.6	1	04/14/2025 12:31	WG2489487
Anthracene	U		7.76	43.6	1	04/14/2025 12:31	WG2489487
Benzidine	U		81.9	2190	1	04/14/2025 12:31	WG2489487
Benzo(a)anthracene	U		7.68	43.6	1	04/14/2025 12:31	WG2489487
Benzo(b)fluoranthene	U		8.13	43.6	1	04/14/2025 12:31	WG2489487
Benzo(k)fluoranthene	U		7.75	43.6	1	04/14/2025 12:31	WG2489487
Benzo(g,h,i)perylene	U		7.97	43.6	1	04/14/2025 12:31	WG2489487
Benzo(a)pyrene	U		8.10	43.6	1	04/14/2025 12:31	WG2489487
Bis(2-chlorethoxy)methane	U		13.1	436	1	04/14/2025 12:31	WG2489487
Bis(2-chloroethyl)ether	U	C3	14.4	436	1	04/14/2025 12:31	WG2489487
2,2-Oxybis(1-Chloropropane)	U		18.8	436	1	04/14/2025 12:31	WG2489487
4-Bromophenyl-phenylether	U		15.3	436	1	04/14/2025 12:31	WG2489487
2-Chloronaphthalene	U		7.66	43.6	1	04/14/2025 12:31	WG2489487
4-Chlorophenyl-phenylether	U	C3	15.2	436	1	04/14/2025 12:31	WG2489487
Chrysene	U		8.66	43.6	1	04/14/2025 12:31	WG2489487
Dibenz(a,h)anthracene	U		12.1	43.6	1	04/14/2025 12:31	WG2489487
1,2-Dichlorobenzene	U		12.9	436	1	04/14/2025 12:31	WG2489487
1,3-Dichlorobenzene	U		13.2	436	1	04/14/2025 12:31	WG2489487
1,4-Dichlorobenzene	U		13.0	436	1	04/14/2025 12:31	WG2489487
3,3-Dichlorobenzidine	U		16.1	436	1	04/14/2025 12:31	WG2489487
2,4-Dinitrotoluene	U		12.5	436	1	04/14/2025 12:31	WG2489487
2,6-Dinitrotoluene	U		14.3	436	1	04/14/2025 12:31	WG2489487
Fluoranthene	U		7.87	43.6	1	04/14/2025 12:31	WG2489487
Fluorene	U		7.09	43.6	1	04/14/2025 12:31	WG2489487
Hexachlorobenzene	U	C3	15.4	436	1	04/14/2025 12:31	WG2489487
Hexachloro-1,3-butadiene	U	C3	14.7	436	1	04/14/2025 12:31	WG2489487
Hexachlorocyclopentadiene	U		22.9	436	1	04/14/2025 12:31	WG2489487
Hexachloroethane	U		17.1	436	1	04/14/2025 12:31	WG2489487
Indeno(1,2,3-cd)pyrene	U		12.3	43.6	1	04/14/2025 12:31	WG2489487
Isophorone	U		13.3	436	1	04/14/2025 12:31	WG2489487
Naphthalene	U		10.9	43.6	1	04/14/2025 12:31	WG2489487
Nitrobenzene	U		15.2	436	1	04/14/2025 12:31	WG2489487
n-Nitrosodimethylamine	U		64.6	436	1	04/14/2025 12:31	WG2489487
n-Nitrosodiphenylamine	U		33.0	436	1	04/14/2025 12:31	WG2489487
n-Nitrosodi-n-propylamine	U		14.5	436	1	04/14/2025 12:31	WG2489487
Phenanthrene	U		8.65	43.6	1	04/14/2025 12:31	WG2489487
Benzylbutyl phthalate	U		13.6	436	1	04/14/2025 12:31	WG2489487

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
Bis(2-ethylhexyl)phthalate	U		55.2	436	1	04/14/2025 12:31	WG2489487
Di-n-butyl phthalate	U		14.9	436	1	04/14/2025 12:31	WG2489487
Diethyl phthalate	U		14.4	436	1	04/14/2025 12:31	WG2489487
Dimethyl phthalate	U		92.4	436	1	04/14/2025 12:31	WG2489487
Di-n-octyl phthalate	U		29.4	436	1	04/14/2025 12:31	WG2489487
Pyrene	U		8.48	43.6	1	04/14/2025 12:31	WG2489487
1,2,4-Trichlorobenzene	U		13.6	436	1	04/14/2025 12:31	WG2489487
4-Chloro-3-methylphenol	U		14.1	436	1	04/14/2025 12:31	WG2489487
2-Chlorophenol	U		14.4	436	1	04/14/2025 12:31	WG2489487
2,4-Dichlorophenol	U		12.7	436	1	04/14/2025 12:31	WG2489487
2,4-Dimethylphenol	U	C3	11.4	436	1	04/14/2025 12:31	WG2489487
4,6-Dinitro-2-methylphenol	U	C3	98.8	436	1	04/14/2025 12:31	WG2489487
2,4-Dinitrophenol	U	C3	102	436	1	04/14/2025 12:31	WG2489487
2-Nitrophenol	U		15.6	436	1	04/14/2025 12:31	WG2489487
4-Nitrophenol	U		13.6	436	1	04/14/2025 12:31	WG2489487
Pentachlorophenol	U	C3	11.7	436	1	04/14/2025 12:31	WG2489487
Phenol	U		17.5	436	1	04/14/2025 12:31	WG2489487
2,4,6-Trichlorophenol	U		14.0	436	1	04/14/2025 12:31	WG2489487
(S) 2-Fluorophenol	*62.4*			*12.0-120*		*04/14/2025 12:31*	WG2489487
(S) Phenol-d5	*57.7*			*10.0-120*		*04/14/2025 12:31*	WG2489487
(S) Nitrobenzene-d5	*51.1*			*10.0-122*		*04/14/2025 12:31*	WG2489487
(S) 2-Fluorobiphenyl	*51.1*			*15.0-120*		*04/14/2025 12:31*	WG2489487
(S) 2,4,6-Tribromophenol	*42.1*			*10.0-127*		*04/14/2025 12:31*	WG2489487
(S) p-Terphenyl-d14	*52.3*			*10.0-120*		*04/14/2025 12:31*	WG2489487

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	75.3		1	04/13/2025 13:32	WG2489513

Wet Chemistry by Method 7199

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	ug/kg		ug/kg	ug/kg		date / time	
Hexavalent Chromium	U		503	1330	1	04/14/2025 08:52	WG2489614

Mercury by Method 7471B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	ug/kg		ug/kg	ug/kg		date / time	
Mercury	U		27.4	53.1	1	04/13/2025 19:50	WG2489622

Metals (ICP) by Method 6010D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	ug/kg		ug/kg	ug/kg		date / time	
Aluminum	3750000		8080	26600	1	04/13/2025 21:58	WG2489616
Antimony	U		918	2660	1	04/13/2025 21:58	WG2489616
Arsenic	3140		1110	2660	1	04/13/2025 21:58	WG2489616
Barium	73000		113	664	1	04/13/2025 21:58	WG2489616
Beryllium	352		63.4	266	1	04/13/2025 21:58	WG2489616
Cadmium	211	J	86.7	664	1	04/13/2025 21:58	WG2489616
Calcium	10300000		25200	133000	1	04/13/2025 21:58	WG2489616
Chromium	4760		284	1330	1	04/13/2025 21:58	WG2489616
Cobalt	3400		235	1330	1	04/13/2025 21:58	WG2489616
Copper	14200		474	2660	1	04/13/2025 21:58	WG2489616
Iron	6420000		2980	13300	1	04/13/2025 21:58	WG2489616
Lead	9210		433	664	1	04/13/2025 21:58	WG2489616
Magnesium	2350000		26400	133000	1	04/13/2025 21:58	WG2489616
Manganese	303000		230	1330	1	04/13/2025 21:58	WG2489616
Nickel	6860		266	2660	1	04/13/2025 21:58	WG2489616
Potassium	1630000		27800	133000	1	04/13/2025 21:58	WG2489616
Selenium	U		1420	2660	1	04/13/2025 21:58	WG2489616
Silver	U		169	1330	1	04/13/2025 21:58	WG2489616
Sodium	579000		54700	133000	1	04/13/2025 21:58	WG2489616
Thallium	U		688	2660	1	04/13/2025 21:58	WG2489616
Vanadium	11600		509	2660	1	04/13/2025 21:58	WG2489616
Zinc	41400		1290	6640	1	04/13/2025 21:58	WG2489616

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

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	ug/kg		ug/kg	ug/kg		date / time	
TPH (GC/FID) Low Fraction	U		28.8	133	1	04/13/2025 16:41	WG2489566
(S) a,a,a-Trifluorotoluene(FID)	*97.9*			*77.0-120*		*04/13/2025 16:41*	WG2489566

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

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	ug/kg		ug/kg	ug/kg		date / time	
Acetone	U		60.5	82.8	1	04/13/2025 19:40	WG2489584
Acrylonitrile	U		5.98	20.7	1	04/13/2025 19:40	WG2489584
Benzene	U		0.774	1.66	1	04/13/2025 19:40	WG2489584
Bromobenzene	U		1.49	20.7	1	04/13/2025 19:40	WG2489584
Bromodichloromethane	U		1.20	4.14	1	04/13/2025 19:40	WG2489584
Bromoform	U		1.94	41.4	1	04/13/2025 19:40	WG2489584

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
Bromomethane	U	C3 J4	3.26	20.7	1	04/13/2025 19:40	WG2489584
n-Butylbenzene	U		8.70	20.7	1	04/13/2025 19:40	WG2489584
sec-Butylbenzene	U		4.77	20.7	1	04/13/2025 19:40	WG2489584
tert-Butylbenzene	U		3.23	8.28	1	04/13/2025 19:40	WG2489584
Carbon tetrachloride	U		1.49	8.28	1	04/13/2025 19:40	WG2489584
Chlorobenzene	U		0.348	4.14	1	04/13/2025 19:40	WG2489584
Chlorodibromomethane	U		1.01	4.14	1	04/13/2025 19:40	WG2489584
Chloroethane	U	C3 J4	2.82	8.28	1	04/13/2025 19:40	WG2489584
Chloroform	U		1.71	4.14	1	04/13/2025 19:40	WG2489584
Chloromethane	U	C3	7.21	20.7	1	04/13/2025 19:40	WG2489584
2-Chlorotoluene	U		1.43	4.14	1	04/13/2025 19:40	WG2489584
4-Chlorotoluene	U		0.746	8.28	1	04/13/2025 19:40	WG2489584
1,2-Dibromo-3-Chloropropane	U		6.46	41.4	1	04/13/2025 19:40	WG2489584
1,2-Dibromoethane	U		1.07	4.14	1	04/13/2025 19:40	WG2489584
Dibromomethane	U		1.24	8.28	1	04/13/2025 19:40	WG2489584
1,2-Dichlorobenzene	U		0.704	8.28	1	04/13/2025 19:40	WG2489584
1,3-Dichlorobenzene	U		0.994	8.28	1	04/13/2025 19:40	WG2489584
1,4-Dichlorobenzene	U		1.16	8.28	1	04/13/2025 19:40	WG2489584
Dichlorodifluoromethane	U	C3	2.67	8.28	1	04/13/2025 19:40	WG2489584
1,1-Dichloroethane	U		0.814	4.14	1	04/13/2025 19:40	WG2489584
1,2-Dichloroethane	U		1.08	4.14	1	04/13/2025 19:40	WG2489584
1,1-Dichloroethene	U	C3	1.00	4.14	1	04/13/2025 19:40	WG2489584
cis-1,2-Dichloroethene	U		1.22	4.14	1	04/13/2025 19:40	WG2489584
trans-1,2-Dichloroethene	U	C3	1.72	8.28	1	04/13/2025 19:40	WG2489584
1,2-Dichloropropane	U		2.35	8.28	1	04/13/2025 19:40	WG2489584
1,1-Dichloropropene	U		1.34	4.14	1	04/13/2025 19:40	WG2489584
1,3-Dichloropropane	U		0.830	8.28	1	04/13/2025 19:40	WG2489584
cis-1,3-Dichloropropene	U		1.25	4.14	1	04/13/2025 19:40	WG2489584
trans-1,3-Dichloropropene	U		1.89	8.28	1	04/13/2025 19:40	WG2489584
2,2-Dichloropropane	U		2.29	4.14	1	04/13/2025 19:40	WG2489584
Di-isopropyl ether	U		0.679	1.66	1	04/13/2025 19:40	WG2489584
Ethylbenzene	U		1.22	4.14	1	04/13/2025 19:40	WG2489584
Hexachloro-1,3-butadiene	U		9.94	41.4	1	04/13/2025 19:40	WG2489584
Isopropylbenzene	U		0.704	4.14	1	04/13/2025 19:40	WG2489584
p-Isopropyltoluene	U		4.23	8.28	1	04/13/2025 19:40	WG2489584
2-Butanone (MEK)	U		105	166	1	04/13/2025 19:40	WG2489584
Methylene Chloride	U	C3	11.0	41.4	1	04/13/2025 19:40	WG2489584
4-Methyl-2-pentanone (MIBK)	U		3.78	41.4	1	04/13/2025 19:40	WG2489584
Methyl tert-butyl ether	U		0.580	1.66	1	04/13/2025 19:40	WG2489584
Naphthalene	U		8.09	20.7	1	04/13/2025 19:40	WG2489584
n-Propylbenzene	U		1.57	8.28	1	04/13/2025 19:40	WG2489584
Styrene	U		0.379	20.7	1	04/13/2025 19:40	WG2489584
1,1,1,2-Tetrachloroethane	U		1.57	4.14	1	04/13/2025 19:40	WG2489584
1,1,2,2-Tetrachloroethane	U	C3	1.15	4.14	1	04/13/2025 19:40	WG2489584
1,1,2-Trichlorotrifluoroethane	U		1.25	4.14	1	04/13/2025 19:40	WG2489584
Tetrachloroethene	U		1.48	4.14	1	04/13/2025 19:40	WG2489584
Toluene	3.81	B J	2.15	8.28	1	04/13/2025 19:40	WG2489584
1,2,3-Trichlorobenzene	U	J4	12.1	20.7	1	04/13/2025 19:40	WG2489584
1,2,4-Trichlorobenzene	U		7.29	20.7	1	04/13/2025 19:40	WG2489584
1,1,1-Trichloroethane	U		1.53	4.14	1	04/13/2025 19:40	WG2489584
1,1,2-Trichloroethane	U		0.989	4.14	1	04/13/2025 19:40	WG2489584
Trichloroethene	U		0.968	1.66	1	04/13/2025 19:40	WG2489584
Trichlorofluoromethane	U		1.37	4.14	1	04/13/2025 19:40	WG2489584
1,2,3-Trichloropropane	U		2.68	20.7	1	04/13/2025 19:40	WG2489584
1,2,4-Trimethylbenzene	U		2.62	8.28	1	04/13/2025 19:40	WG2489584
1,2,3-Trimethylbenzene	U		2.62	8.28	1	04/13/2025 19:40	WG2489584

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
1,3,5-Trimethylbenzene	U		3.31	8.28	1	04/13/2025 19:40	WG2489584
Vinyl chloride	U	C3 J4	1.92	4.14	1	04/13/2025 19:40	WG2489584
Xylenes, Total	U		1.46	10.8	1	04/13/2025 19:40	WG2489584
(S) Toluene-d8	*116*			*75.0-131*		*04/13/2025 19:40*	WG2489584
(S) 4-Bromofluorobenzene	*90.8*			*67.0-138*		*04/13/2025 19:40*	WG2489584
(S) 1,2-Dichloroethane-d4	*106*			*70.0-130*		*04/13/2025 19:40*	WG2489584

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry) ug/kg	Qualifier	MDL (dry) ug/kg	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	4370	J	2140	5310	1	04/14/2025 00:03	WG2489494
C28-C36 Motor Oil Range	7930		364	5310	1	04/14/2025 00:03	WG2489494
(S) o-Terphenyl	*70.7*			*18.0-148*		*04/14/2025 00:03*	WG2489494

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
Acenaphthene	U		7.16	44.2	1	04/14/2025 13:04	WG2489487
Acenaphthylene	U		6.23	44.2	1	04/14/2025 13:04	WG2489487
Anthracene	U		7.88	44.2	1	04/14/2025 13:04	WG2489487
Benzidine	U		83.2	2220	1	04/14/2025 13:04	WG2489487
Benzo(a)anthracene	U		7.80	44.2	1	04/14/2025 13:04	WG2489487
Benzo(b)fluoranthene	U		8.25	44.2	1	04/14/2025 13:04	WG2489487
Benzo(k)fluoranthene	U		7.86	44.2	1	04/14/2025 13:04	WG2489487
Benzo(g,h,i)perylene	U		8.09	44.2	1	04/14/2025 13:04	WG2489487
Benzo(a)pyrene	U		8.22	44.2	1	04/14/2025 13:04	WG2489487
Bis(2-chlorethoxy)methane	U		13.3	442	1	04/14/2025 13:04	WG2489487
Bis(2-chloroethyl)ether	U	C3	14.6	442	1	04/14/2025 13:04	WG2489487
2,2-Oxybis(1-Chloropropane)	U		19.1	442	1	04/14/2025 13:04	WG2489487
4-Bromophenyl-phenylether	U		15.5	442	1	04/14/2025 13:04	WG2489487
2-Chloronaphthalene	U		7.77	44.2	1	04/14/2025 13:04	WG2489487
4-Chlorophenyl-phenylether	U	C3	15.4	442	1	04/14/2025 13:04	WG2489487
Chrysene	U		8.79	44.2	1	04/14/2025 13:04	WG2489487
Dibenz(a,h)anthracene	U		12.3	44.2	1	04/14/2025 13:04	WG2489487
1,2-Dichlorobenzene	U		13.1	442	1	04/14/2025 13:04	WG2489487
1,3-Dichlorobenzene	U		13.4	442	1	04/14/2025 13:04	WG2489487
1,4-Dichlorobenzene	U		13.2	442	1	04/14/2025 13:04	WG2489487
3,3-Dichlorobenzidine	U		16.3	442	1	04/14/2025 13:04	WG2489487
2,4-Dinitrotoluene	U		12.7	442	1	04/14/2025 13:04	WG2489487
2,6-Dinitrotoluene	U		14.5	442	1	04/14/2025 13:04	WG2489487
Fluoranthene	U		7.98	44.2	1	04/14/2025 13:04	WG2489487
Fluorene	U		7.20	44.2	1	04/14/2025 13:04	WG2489487
Hexachlorobenzene	U	C3	15.7	442	1	04/14/2025 13:04	WG2489487
Hexachloro-1,3-butadiene	U	C3	14.9	442	1	04/14/2025 13:04	WG2489487
Hexachlorocyclopentadiene	U		23.2	442	1	04/14/2025 13:04	WG2489487
Hexachloroethane	U		17.4	442	1	04/14/2025 13:04	WG2489487
Indeno(1,2,3-cd)pyrene	U		12.5	44.2	1	04/14/2025 13:04	WG2489487
Isophorone	U		13.5	442	1	04/14/2025 13:04	WG2489487
Naphthalene	U		11.1	44.2	1	04/14/2025 13:04	WG2489487
Nitrobenzene	U		15.4	442	1	04/14/2025 13:04	WG2489487
n-Nitrosodimethylamine	U		65.6	442	1	04/14/2025 13:04	WG2489487
n-Nitrosodiphenylamine	U		33.5	442	1	04/14/2025 13:04	WG2489487
n-Nitrosodi-n-propylamine	U		14.7	442	1	04/14/2025 13:04	WG2489487
Phenanthrene	U		8.78	44.2	1	04/14/2025 13:04	WG2489487
Benzylbutyl phthalate	U		13.8	442	1	04/14/2025 13:04	WG2489487

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
Bis(2-ethylhexyl)phthalate	U		56.1	442	1	04/14/2025 13:04	WG2489487
Di-n-butyl phthalate	U		15.1	442	1	04/14/2025 13:04	WG2489487
Diethyl phthalate	U		14.6	442	1	04/14/2025 13:04	WG2489487
Dimethyl phthalate	U		93.8	442	1	04/14/2025 13:04	WG2489487
Di-n-octyl phthalate	U		29.9	442	1	04/14/2025 13:04	WG2489487
Pyrene	U		8.61	44.2	1	04/14/2025 13:04	WG2489487
1,2,4-Trichlorobenzene	U		13.8	442	1	04/14/2025 13:04	WG2489487
4-Chloro-3-methylphenol	U		14.3	442	1	04/14/2025 13:04	WG2489487
2-Chlorophenol	U		14.6	442	1	04/14/2025 13:04	WG2489487
2,4-Dichlorophenol	U		12.9	442	1	04/14/2025 13:04	WG2489487
2,4-Dimethylphenol	U	C3	11.6	442	1	04/14/2025 13:04	WG2489487
4,6-Dinitro-2-methylphenol	U	C3	100	442	1	04/14/2025 13:04	WG2489487
2,4-Dinitrophenol	U	C3	103	442	1	04/14/2025 13:04	WG2489487
2-Nitrophenol	U		15.8	442	1	04/14/2025 13:04	WG2489487
4-Nitrophenol	U		13.8	442	1	04/14/2025 13:04	WG2489487
Pentachlorophenol	U	C3	11.9	442	1	04/14/2025 13:04	WG2489487
Phenol	U		17.8	442	1	04/14/2025 13:04	WG2489487
2,4,6-Trichlorophenol	U		14.2	442	1	04/14/2025 13:04	WG2489487
(S) 2-Fluorophenol	*71.3*			*12.0-120*		*04/14/2025 13:04*	WG2489487
(S) Phenol-d5	*63.7*			*10.0-120*		*04/14/2025 13:04*	WG2489487
(S) Nitrobenzene-d5	*58.7*			*10.0-122*		*04/14/2025 13:04*	WG2489487
(S) 2-Fluorobiphenyl	*55.3*			*15.0-120*		*04/14/2025 13:04*	WG2489487
(S) 2,4,6-Tribromophenol	*45.1*			*10.0-127*		*04/14/2025 13:04*	WG2489487
(S) p-Terphenyl-d14	*54.7*			*10.0-120*		*04/14/2025 13:04*	WG2489487

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	72.8		1	04/13/2025 13:32	WG2489513

Wet Chemistry by Method 7199

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	ug/kg		ug/kg	ug/kg		date / time	
Hexavalent Chromium	U		521	1370	1	04/14/2025 09:19	WG2489614

Mercury by Method 7471B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	ug/kg		ug/kg	ug/kg		date / time	
Mercury	U		28.3	55.0	1	04/13/2025 19:58	WG2489622

Metals (ICP) by Method 6010D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	ug/kg		ug/kg	ug/kg		date / time	
Aluminum	3270000		8350	27500	1	04/13/2025 21:59	WG2489616
Antimony	U		949	2750	1	04/13/2025 21:59	WG2489616
Arsenic	2980		1150	2750	1	04/13/2025 21:59	WG2489616
Barium	57500		117	687	1	04/13/2025 21:59	WG2489616
Beryllium	364		65.5	275	1	04/13/2025 21:59	WG2489616
Cadmium	307	J	89.7	687	1	04/13/2025 21:59	WG2489616
Calcium	7760000		26100	137000	1	04/13/2025 21:59	WG2489616
Chromium	3770		294	1370	1	04/13/2025 21:59	WG2489616
Cobalt	3310		243	1370	1	04/13/2025 21:59	WG2489616
Copper	13600		490	2750	1	04/13/2025 21:59	WG2489616
Iron	7670000		3080	13700	1	04/13/2025 21:59	WG2489616
Lead	8670		448	687	1	04/13/2025 21:59	WG2489616
Magnesium	1790000		27300	137000	1	04/13/2025 21:59	WG2489616
Manganese	415000		238	1370	1	04/13/2025 21:59	WG2489616
Nickel	5950		275	2750	1	04/13/2025 21:59	WG2489616
Potassium	1140000		28700	137000	1	04/13/2025 21:59	WG2489616
Selenium	U		1470	2750	1	04/13/2025 21:59	WG2489616
Silver	U		174	1370	1	04/13/2025 21:59	WG2489616
Sodium	302000		56600	137000	1	04/13/2025 21:59	WG2489616
Thallium	U		712	2750	1	04/13/2025 21:59	WG2489616
Vanadium	10600		526	2750	1	04/13/2025 21:59	WG2489616
Zinc	66700		1340	6870	1	04/13/2025 21:59	WG2489616

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

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	ug/kg		ug/kg	ug/kg		date / time	
TPH (GC/FID) Low Fraction	U		29.8	137	1	04/13/2025 17:05	WG2489566
(S) a,a,a-Trifluorotoluene(FID)	*97.6*			*77.0-120*		*04/13/2025 17:05*	WG2489566

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

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	ug/kg		ug/kg	ug/kg		date / time	
Acetone	U		64.3	88.1	1	04/13/2025 19:59	WG2489584
Acrylonitrile	U		6.36	22.0	1	04/13/2025 19:59	WG2489584
Benzene	U		0.822	1.76	1	04/13/2025 19:59	WG2489584
Bromobenzene	U		1.59	22.0	1	04/13/2025 19:59	WG2489584
Bromodichloromethane	U		1.28	4.40	1	04/13/2025 19:59	WG2489584
Bromoform	U		2.06	44.0	1	04/13/2025 19:59	WG2489584

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
Bromomethane	U	C3 J4	3.47	22.0	1	04/13/2025 19:59	WG2489584
n-Butylbenzene	U		9.25	22.0	1	04/13/2025 19:59	WG2489584
sec-Butylbenzene	U		5.07	22.0	1	04/13/2025 19:59	WG2489584
tert-Butylbenzene	U		3.43	8.81	1	04/13/2025 19:59	WG2489584
Carbon tetrachloride	U		1.58	8.81	1	04/13/2025 19:59	WG2489584
Chlorobenzene	U		0.370	4.40	1	04/13/2025 19:59	WG2489584
Chlorodibromomethane	U		1.08	4.40	1	04/13/2025 19:59	WG2489584
Chloroethane	U	C3 J4	2.99	8.81	1	04/13/2025 19:59	WG2489584
Chloroform	U		1.81	4.40	1	04/13/2025 19:59	WG2489584
Chloromethane	U	C3	7.66	22.0	1	04/13/2025 19:59	WG2489584
2-Chlorotoluene	U		1.52	4.40	1	04/13/2025 19:59	WG2489584
4-Chlorotoluene	U		0.793	8.81	1	04/13/2025 19:59	WG2489584
1,2-Dibromo-3-Chloropropane	U		6.87	44.0	1	04/13/2025 19:59	WG2489584
1,2-Dibromoethane	U		1.14	4.40	1	04/13/2025 19:59	WG2489584
Dibromomethane	U		1.32	8.81	1	04/13/2025 19:59	WG2489584
1,2-Dichlorobenzene	U		0.748	8.81	1	04/13/2025 19:59	WG2489584
1,3-Dichlorobenzene	U		1.06	8.81	1	04/13/2025 19:59	WG2489584
1,4-Dichlorobenzene	U		1.23	8.81	1	04/13/2025 19:59	WG2489584
Dichlorodifluoromethane	U	C3	2.84	8.81	1	04/13/2025 19:59	WG2489584
1,1-Dichloroethane	U		0.865	4.40	1	04/13/2025 19:59	WG2489584
1,2-Dichloroethane	U		1.14	4.40	1	04/13/2025 19:59	WG2489584
1,1-Dichloroethene	U	C3	1.07	4.40	1	04/13/2025 19:59	WG2489584
cis-1,2-Dichloroethene	U		1.29	4.40	1	04/13/2025 19:59	WG2489584
trans-1,2-Dichloroethene	U	C3	1.83	8.81	1	04/13/2025 19:59	WG2489584
1,2-Dichloropropane	U		2.50	8.81	1	04/13/2025 19:59	WG2489584
1,1-Dichloropropene	U		1.42	4.40	1	04/13/2025 19:59	WG2489584
1,3-Dichloropropane	U		0.882	8.81	1	04/13/2025 19:59	WG2489584
cis-1,3-Dichloropropene	U		1.33	4.40	1	04/13/2025 19:59	WG2489584
trans-1,3-Dichloropropene	U		2.01	8.81	1	04/13/2025 19:59	WG2489584
2,2-Dichloropropane	U		2.43	4.40	1	04/13/2025 19:59	WG2489584
Di-isopropyl ether	U		0.722	1.76	1	04/13/2025 19:59	WG2489584
Ethylbenzene	U		1.30	4.40	1	04/13/2025 19:59	WG2489584
Hexachloro-1,3-butadiene	U		10.6	44.0	1	04/13/2025 19:59	WG2489584
Isopropylbenzene	U		0.748	4.40	1	04/13/2025 19:59	WG2489584
p-Isopropyltoluene	U		4.49	8.81	1	04/13/2025 19:59	WG2489584
2-Butanone (MEK)	U		112	176	1	04/13/2025 19:59	WG2489584
Methylene Chloride	U	C3	11.7	44.0	1	04/13/2025 19:59	WG2489584
4-Methyl-2-pentanone (MIBK)	U		4.02	44.0	1	04/13/2025 19:59	WG2489584
Methyl tert-butyl ether	U		0.616	1.76	1	04/13/2025 19:59	WG2489584
Naphthalene	U		8.59	22.0	1	04/13/2025 19:59	WG2489584
n-Propylbenzene	U		1.67	8.81	1	04/13/2025 19:59	WG2489584
Styrene	U		0.403	22.0	1	04/13/2025 19:59	WG2489584
1,1,1,2-Tetrachloroethane	U		1.67	4.40	1	04/13/2025 19:59	WG2489584
1,1,2,2-Tetrachloroethane	U	C3	1.22	4.40	1	04/13/2025 19:59	WG2489584
1,1,2-Trichlorotrifluoroethane	U		1.33	4.40	1	04/13/2025 19:59	WG2489584
Tetrachloroethene	U		1.58	4.40	1	04/13/2025 19:59	WG2489584
Toluene	4.42	B J	2.29	8.81	1	04/13/2025 19:59	WG2489584
1,2,3-Trichlorobenzene	U	J4	12.9	22.0	1	04/13/2025 19:59	WG2489584
1,2,4-Trichlorobenzene	U		7.75	22.0	1	04/13/2025 19:59	WG2489584
1,1,1-Trichloroethane	U		1.63	4.40	1	04/13/2025 19:59	WG2489584
1,1,2-Trichloroethane	U		1.05	4.40	1	04/13/2025 19:59	WG2489584
Trichloroethene	U		1.03	1.76	1	04/13/2025 19:59	WG2489584
Trichlorofluoromethane	U		1.46	4.40	1	04/13/2025 19:59	WG2489584
1,2,3-Trichloropropane	U		2.85	22.0	1	04/13/2025 19:59	WG2489584
1,2,4-Trimethylbenzene	U		2.78	8.81	1	04/13/2025 19:59	WG2489584
1,2,3-Trimethylbenzene	U		2.78	8.81	1	04/13/2025 19:59	WG2489584

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
1,3,5-Trimethylbenzene	U		3.52	8.81	1	04/13/2025 19:59	WG2489584
Vinyl chloride	U	C3 J4	2.04	4.40	1	04/13/2025 19:59	WG2489584
Xylenes, Total	U		1.55	11.4	1	04/13/2025 19:59	WG2489584
(S) Toluene-d8	*113*			*75.0-131*		*04/13/2025 19:59*	WG2489584
(S) 4-Bromofluorobenzene	*93.2*			*67.0-138*		*04/13/2025 19:59*	WG2489584
(S) 1,2-Dichloroethane-d4	*102*			*70.0-130*		*04/13/2025 19:59*	WG2489584

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry) ug/kg	Qualifier	MDL (dry) ug/kg	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	2340	J	2210	5500	1	04/13/2025 23:44	WG2489494
C28-C36 Motor Oil Range	7090		376	5500	1	04/13/2025 23:44	WG2489494
(S) o-Terphenyl	*60.4*			*18.0-148*		*04/13/2025 23:44*	WG2489494

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
Acenaphthene	U		7.41	45.7	1	04/14/2025 14:43	WG2489487
Acenaphthylene	U		6.44	45.7	1	04/14/2025 14:43	WG2489487
Anthracene	U		8.15	45.7	1	04/14/2025 14:43	WG2489487
Benzidine	U		86.0	2290	1	04/14/2025 14:43	WG2489487
Benzo(a)anthracene	U		8.06	45.7	1	04/14/2025 14:43	WG2489487
Benzo(b)fluoranthene	U		8.53	45.7	1	04/14/2025 14:43	WG2489487
Benzo(k)fluoranthene	U		8.13	45.7	1	04/14/2025 14:43	WG2489487
Benzo(g,h,i)perylene	U		8.37	45.7	1	04/14/2025 14:43	WG2489487
Benzo(a)pyrene	U		8.50	45.7	1	04/14/2025 14:43	WG2489487
Bis(2-chlorethoxy)methane	U		13.7	457	1	04/14/2025 14:43	WG2489487
Bis(2-chloroethyl)ether	U	C3	15.1	457	1	04/14/2025 14:43	WG2489487
2,2-Oxybis(1-Chloropropane)	U		19.8	457	1	04/14/2025 14:43	WG2489487
4-Bromophenyl-phenylether	U		16.1	457	1	04/14/2025 14:43	WG2489487
2-Chloronaphthalene	U		8.04	45.7	1	04/14/2025 14:43	WG2489487
4-Chlorophenyl-phenylether	U	C3	15.9	457	1	04/14/2025 14:43	WG2489487
Chrysene	U		9.09	45.7	1	04/14/2025 14:43	WG2489487
Dibenz(a,h)anthracene	U		12.7	45.7	1	04/14/2025 14:43	WG2489487
1,2-Dichlorobenzene	U		13.6	457	1	04/14/2025 14:43	WG2489487
1,3-Dichlorobenzene	U		13.9	457	1	04/14/2025 14:43	WG2489487
1,4-Dichlorobenzene	U		13.6	457	1	04/14/2025 14:43	WG2489487
3,3-Dichlorobenzidine	U		16.9	457	1	04/14/2025 14:43	WG2489487
2,4-Dinitrotoluene	U		13.1	457	1	04/14/2025 14:43	WG2489487
2,6-Dinitrotoluene	U		15.0	457	1	04/14/2025 14:43	WG2489487
Fluoranthene	U		8.26	45.7	1	04/14/2025 14:43	WG2489487
Fluorene	U		7.45	45.7	1	04/14/2025 14:43	WG2489487
Hexachlorobenzene	U	C3	16.2	457	1	04/14/2025 14:43	WG2489487
Hexachloro-1,3-butadiene	U	C3	15.4	457	1	04/14/2025 14:43	WG2489487
Hexachlorocyclopentadiene	U		24.0	457	1	04/14/2025 14:43	WG2489487
Hexachloroethane	U		18.0	457	1	04/14/2025 14:43	WG2489487
Indeno(1,2,3-cd)pyrene	U		12.9	45.7	1	04/14/2025 14:43	WG2489487
Isophorone	U		14.0	457	1	04/14/2025 14:43	WG2489487
Naphthalene	U		11.5	45.7	1	04/14/2025 14:43	WG2489487
Nitrobenzene	U		15.9	457	1	04/14/2025 14:43	WG2489487
n-Nitrosodimethylamine	U		67.9	457	1	04/14/2025 14:43	WG2489487
n-Nitrosodiphenylamine	U		34.6	457	1	04/14/2025 14:43	WG2489487
n-Nitrosodi-n-propylamine	U		15.2	457	1	04/14/2025 14:43	WG2489487
Phenanthrene	U		9.08	45.7	1	04/14/2025 14:43	WG2489487
Benzylbutyl phthalate	U		14.3	457	1	04/14/2025 14:43	WG2489487

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
Bis(2-ethylhexyl)phthalate	U		58.0	457	1	04/14/2025 14:43	WG2489487
Di-n-butyl phthalate	U		15.7	457	1	04/14/2025 14:43	WG2489487
Diethyl phthalate	U		15.1	457	1	04/14/2025 14:43	WG2489487
Dimethyl phthalate	U		97.0	457	1	04/14/2025 14:43	WG2489487
Di-n-octyl phthalate	U		30.9	457	1	04/14/2025 14:43	WG2489487
Pyrene	U		8.90	45.7	1	04/14/2025 14:43	WG2489487
1,2,4-Trichlorobenzene	U		14.3	457	1	04/14/2025 14:43	WG2489487
4-Chloro-3-methylphenol	U		14.8	457	1	04/14/2025 14:43	WG2489487
2-Chlorophenol	U		15.1	457	1	04/14/2025 14:43	WG2489487
2,4-Dichlorophenol	U		13.3	457	1	04/14/2025 14:43	WG2489487
2,4-Dimethylphenol	U	C3	12.0	457	1	04/14/2025 14:43	WG2489487
4,6-Dinitro-2-methylphenol	U	C3	104	457	1	04/14/2025 14:43	WG2489487
2,4-Dinitrophenol	U	C3	107	457	1	04/14/2025 14:43	WG2489487
2-Nitrophenol	U		16.3	457	1	04/14/2025 14:43	WG2489487
4-Nitrophenol	U		14.3	457	1	04/14/2025 14:43	WG2489487
Pentachlorophenol	U	C3	12.3	457	1	04/14/2025 14:43	WG2489487
Phenol	U		18.4	457	1	04/14/2025 14:43	WG2489487
2,4,6-Trichlorophenol	U		14.7	457	1	04/14/2025 14:43	WG2489487
(S) 2-Fluorophenol	*71.1*			*12.0-120*		*04/14/2025 14:43*	WG2489487
(S) Phenol-d5	*62.9*			*10.0-120*		*04/14/2025 14:43*	WG2489487
(S) Nitrobenzene-d5	*58.1*			*10.0-122*		*04/14/2025 14:43*	WG2489487
(S) 2-Fluorobiphenyl	*56.8*			*15.0-120*		*04/14/2025 14:43*	WG2489487
(S) 2,4,6-Tribromophenol	*40.3*			*10.0-127*		*04/14/2025 14:43*	WG2489487
(S) p-Terphenyl-d14	*54.4*			*10.0-120*		*04/14/2025 14:43*	WG2489487

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	70.0		1	04/13/2025 13:32	WG2489513

Wet Chemistry by Method 7199

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	ug/kg		ug/kg	ug/kg		date / time	
Hexavalent Chromium	U		541	1430	1	04/14/2025 09:28	WG2489614

Mercury by Method 7471B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	ug/kg		ug/kg	ug/kg		date / time	
Mercury	U		29.4	57.1	1	04/13/2025 20:01	WG2489622

Metals (ICP) by Method 6010D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	ug/kg		ug/kg	ug/kg		date / time	
Aluminum	4540000		8680	28600	1	04/13/2025 22:01	WG2489616
Antimony	U		987	2860	1	04/13/2025 22:01	WG2489616
Arsenic	3670		1190	2860	1	04/13/2025 22:01	WG2489616
Barium	77700		121	714	1	04/13/2025 22:01	WG2489616
Beryllium	432		68.1	286	1	04/13/2025 22:01	WG2489616
Cadmium	213	J	93.2	714	1	04/13/2025 22:01	WG2489616
Calcium	17400000		27100	143000	1	04/13/2025 22:01	WG2489616
Chromium	5640		306	1430	1	04/13/2025 22:01	WG2489616
Cobalt	3860		253	1430	1	04/13/2025 22:01	WG2489616
Copper	14800		510	2860	1	04/13/2025 22:01	WG2489616
Iron	7690000		3200	14300	1	04/13/2025 22:01	WG2489616
Lead	9620		465	714	1	04/13/2025 22:01	WG2489616
Magnesium	2880000		28400	143000	1	04/13/2025 22:01	WG2489616
Manganese	336000		247	1430	1	04/13/2025 22:01	WG2489616
Nickel	7210		286	2860	1	04/13/2025 22:01	WG2489616
Potassium	1800000		29800	143000	1	04/13/2025 22:01	WG2489616
Selenium	U		1530	2860	1	04/13/2025 22:01	WG2489616
Silver	U		181	1430	1	04/13/2025 22:01	WG2489616
Sodium	487000		58800	143000	1	04/13/2025 22:01	WG2489616
Thallium	U		740	2860	1	04/13/2025 22:01	WG2489616
Vanadium	13100		547	2860	1	04/13/2025 22:01	WG2489616
Zinc	43700		1390	7140	1	04/13/2025 22:01	WG2489616

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

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	ug/kg		ug/kg	ug/kg		date / time	
TPH (GC/FID) Low Fraction	U		31.0	143	1	04/13/2025 17:28	WG2489566
(S) a,a,a-Trifluorotoluene(FID)	*97.9*			*77.0-120*		*04/13/2025 17:28*	WG2489566

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

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	ug/kg		ug/kg	ug/kg		date / time	
Acetone	U		67.7	92.8	1	04/13/2025 20:19	WG2489584
Acrylonitrile	U		6.70	23.2	1	04/13/2025 20:19	WG2489584
Benzene	U		0.867	1.86	1	04/13/2025 20:19	WG2489584
Bromobenzene	U		1.67	23.2	1	04/13/2025 20:19	WG2489584
Bromodichloromethane	U		1.35	4.64	1	04/13/2025 20:19	WG2489584
Bromoform	U		2.17	46.4	1	04/13/2025 20:19	WG2489584

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
Bromomethane	U	C3 J4	3.66	23.2	1	04/13/2025 20:19	WG2489584
n-Butylbenzene	U		9.74	23.2	1	04/13/2025 20:19	WG2489584
sec-Butylbenzene	U		5.34	23.2	1	04/13/2025 20:19	WG2489584
tert-Butylbenzene	U		3.62	9.28	1	04/13/2025 20:19	WG2489584
Carbon tetrachloride	U		1.67	9.28	1	04/13/2025 20:19	WG2489584
Chlorobenzene	U		0.390	4.64	1	04/13/2025 20:19	WG2489584
Chlorodibromomethane	U		1.14	4.64	1	04/13/2025 20:19	WG2489584
Chloroethane	U	C3 J4	3.15	9.28	1	04/13/2025 20:19	WG2489584
Chloroform	U		1.91	4.64	1	04/13/2025 20:19	WG2489584
Chloromethane	U	C3	8.07	23.2	1	04/13/2025 20:19	WG2489584
2-Chlorotoluene	U		1.61	4.64	1	04/13/2025 20:19	WG2489584
4-Chlorotoluene	U		0.835	9.28	1	04/13/2025 20:19	WG2489584
1,2-Dibromo-3-Chloropropane	U		7.24	46.4	1	04/13/2025 20:19	WG2489584
1,2-Dibromoethane	U		1.20	4.64	1	04/13/2025 20:19	WG2489584
Dibromomethane	U		1.39	9.28	1	04/13/2025 20:19	WG2489584
1,2-Dichlorobenzene	U		0.789	9.28	1	04/13/2025 20:19	WG2489584
1,3-Dichlorobenzene	U		1.11	9.28	1	04/13/2025 20:19	WG2489584
1,4-Dichlorobenzene	U		1.30	9.28	1	04/13/2025 20:19	WG2489584
Dichlorodifluoromethane	U	C3	2.99	9.28	1	04/13/2025 20:19	WG2489584
1,1-Dichloroethane	U		0.911	4.64	1	04/13/2025 20:19	WG2489584
1,2-Dichloroethane	U		1.20	4.64	1	04/13/2025 20:19	WG2489584
1,1-Dichloroethene	U	C3	1.12	4.64	1	04/13/2025 20:19	WG2489584
cis-1,2-Dichloroethene	U		1.36	4.64	1	04/13/2025 20:19	WG2489584
trans-1,2-Dichloroethene	U	C3	1.93	9.28	1	04/13/2025 20:19	WG2489584
1,2-Dichloropropane	U		2.64	9.28	1	04/13/2025 20:19	WG2489584
1,1-Dichloropropene	U		1.50	4.64	1	04/13/2025 20:19	WG2489584
1,3-Dichloropropane	U		0.930	9.28	1	04/13/2025 20:19	WG2489584
cis-1,3-Dichloropropene	U		1.40	4.64	1	04/13/2025 20:19	WG2489584
trans-1,3-Dichloropropene	U		2.12	9.28	1	04/13/2025 20:19	WG2489584
2,2-Dichloropropane	U		2.56	4.64	1	04/13/2025 20:19	WG2489584
Di-isopropyl ether	U		0.761	1.86	1	04/13/2025 20:19	WG2489584
Ethylbenzene	U		1.37	4.64	1	04/13/2025 20:19	WG2489584
Hexachloro-1,3-butadiene	U		11.1	46.4	1	04/13/2025 20:19	WG2489584
Isopropylbenzene	U		0.789	4.64	1	04/13/2025 20:19	WG2489584
p-Isopropyltoluene	U		4.73	9.28	1	04/13/2025 20:19	WG2489584
2-Butanone (MEK)	U		118	186	1	04/13/2025 20:19	WG2489584
Methylene Chloride	U	C3	12.3	46.4	1	04/13/2025 20:19	WG2489584
4-Methyl-2-pentanone (MIBK)	U		4.23	46.4	1	04/13/2025 20:19	WG2489584
Methyl tert-butyl ether	U		0.650	1.86	1	04/13/2025 20:19	WG2489584
Naphthalene	U		9.06	23.2	1	04/13/2025 20:19	WG2489584
n-Propylbenzene	U		1.76	9.28	1	04/13/2025 20:19	WG2489584
Styrene	U		0.425	23.2	1	04/13/2025 20:19	WG2489584
1,1,1,2-Tetrachloroethane	U		1.76	4.64	1	04/13/2025 20:19	WG2489584
1,1,2,2-Tetrachloroethane	U	C3	1.29	4.64	1	04/13/2025 20:19	WG2489584
1,1,2-Trichlorotrifluoroethane	U		1.40	4.64	1	04/13/2025 20:19	WG2489584
Tetrachloroethene	U		1.66	4.64	1	04/13/2025 20:19	WG2489584
Toluene	5.27	B J	2.41	9.28	1	04/13/2025 20:19	WG2489584
1,2,3-Trichlorobenzene	U	J4	13.6	23.2	1	04/13/2025 20:19	WG2489584
1,2,4-Trichlorobenzene	U		8.17	23.2	1	04/13/2025 20:19	WG2489584
1,1,1-Trichloroethane	U		1.71	4.64	1	04/13/2025 20:19	WG2489584
1,1,2-Trichloroethane	U		1.11	4.64	1	04/13/2025 20:19	WG2489584
Trichloroethene	U		1.08	1.86	1	04/13/2025 20:19	WG2489584
Trichlorofluoromethane	U		1.53	4.64	1	04/13/2025 20:19	WG2489584
1,2,3-Trichloropropane	U		3.01	23.2	1	04/13/2025 20:19	WG2489584
1,2,4-Trimethylbenzene	U		2.93	9.28	1	04/13/2025 20:19	WG2489584
1,2,3-Trimethylbenzene	U		2.93	9.28	1	04/13/2025 20:19	WG2489584

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
1,3,5-Trimethylbenzene	U		3.71	9.28	1	04/13/2025 20:19	WG2489584
Vinyl chloride	U	C3 J4	2.15	4.64	1	04/13/2025 20:19	WG2489584
Xylenes, Total	U		1.63	12.1	1	04/13/2025 20:19	WG2489584
(S) Toluene-d8	*117*			*75.0-131*		*04/13/2025 20:19*	WG2489584
(S) 4-Bromofluorobenzene	*91.4*			*67.0-138*		*04/13/2025 20:19*	WG2489584
(S) 1,2-Dichloroethane-d4	*98.1*			*70.0-130*		*04/13/2025 20:19*	WG2489584

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry) ug/kg	Qualifier	MDL (dry) ug/kg	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	4500	J	2300	5710	1	04/13/2025 23:50	WG2489494
C28-C36 Motor Oil Range	6510		391	5710	1	04/13/2025 23:50	WG2489494
(S) o-Terphenyl	*72.8*			*18.0-148*		*04/13/2025 23:50*	WG2489494

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
Acenaphthene	U		7.70	47.5	1	04/14/2025 13:36	WG2489487
Acenaphthylene	U		6.70	47.5	1	04/14/2025 13:36	WG2489487
Anthracene	U		8.47	47.5	1	04/14/2025 13:36	WG2489487
Benzidine	U		89.4	2380	1	04/14/2025 13:36	WG2489487
Benzo(a)anthracene	U		8.38	47.5	1	04/14/2025 13:36	WG2489487
Benzo(b)fluoranthene	U		8.87	47.5	1	04/14/2025 13:36	WG2489487
Benzo(k)fluoranthene	U		8.45	47.5	1	04/14/2025 13:36	WG2489487
Benzo(g,h,i)perylene	U		8.69	47.5	1	04/14/2025 13:36	WG2489487
Benzo(a)pyrene	U		8.84	47.5	1	04/14/2025 13:36	WG2489487
Bis(2-chlorethoxy)methane	U		14.3	475	1	04/14/2025 13:36	WG2489487
Bis(2-chloroethyl)ether	U	C3	15.7	475	1	04/14/2025 13:36	WG2489487
2,2-Oxybis(1-Chloropropane)	U		20.6	475	1	04/14/2025 13:36	WG2489487
4-Bromophenyl-phenylether	U		16.7	475	1	04/14/2025 13:36	WG2489487
2-Chloronaphthalene	U		8.35	47.5	1	04/14/2025 13:36	WG2489487
4-Chlorophenyl-phenylether	U	C3	16.6	475	1	04/14/2025 13:36	WG2489487
Chrysene	U		9.45	47.5	1	04/14/2025 13:36	WG2489487
Dibenz(a,h)anthracene	U		13.2	47.5	1	04/14/2025 13:36	WG2489487
1,2-Dichlorobenzene	U		14.1	475	1	04/14/2025 13:36	WG2489487
1,3-Dichlorobenzene	U		14.4	475	1	04/14/2025 13:36	WG2489487
1,4-Dichlorobenzene	U		14.1	475	1	04/14/2025 13:36	WG2489487
3,3-Dichlorobenzidine	U		17.6	475	1	04/14/2025 13:36	WG2489487
2,4-Dinitrotoluene	U		13.6	475	1	04/14/2025 13:36	WG2489487
2,6-Dinitrotoluene	U		15.6	475	1	04/14/2025 13:36	WG2489487
Fluoranthene	U		8.58	47.5	1	04/14/2025 13:36	WG2489487
Fluorene	U		7.74	47.5	1	04/14/2025 13:36	WG2489487
Hexachlorobenzene	U	C3	16.8	475	1	04/14/2025 13:36	WG2489487
Hexachloro-1,3-butadiene	U	C3	16.0	475	1	04/14/2025 13:36	WG2489487
Hexachlorocyclopentadiene	U		25.0	475	1	04/14/2025 13:36	WG2489487
Hexachloroethane	U		18.7	475	1	04/14/2025 13:36	WG2489487
Indeno(1,2,3-cd)pyrene	U		13.4	47.5	1	04/14/2025 13:36	WG2489487
Isophorone	U		14.6	475	1	04/14/2025 13:36	WG2489487
Naphthalene	U		11.9	47.5	1	04/14/2025 13:36	WG2489487
Nitrobenzene	U		16.6	475	1	04/14/2025 13:36	WG2489487
n-Nitrosodimethylamine	U		70.5	475	1	04/14/2025 13:36	WG2489487
n-Nitrosodiphenylamine	U		36.0	475	1	04/14/2025 13:36	WG2489487
n-Nitrosodi-n-propylamine	U		15.8	475	1	04/14/2025 13:36	WG2489487
Phenanthrene	U		9.44	47.5	1	04/14/2025 13:36	WG2489487
Benzylbutyl phthalate	U		14.8	475	1	04/14/2025 13:36	WG2489487

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
Bis(2-ethylhexyl)phthalate	U		60.2	475	1	04/14/2025 13:36	WG2489487
Di-n-butyl phthalate	U		16.3	475	1	04/14/2025 13:36	WG2489487
Diethyl phthalate	U		15.7	475	1	04/14/2025 13:36	WG2489487
Dimethyl phthalate	U		101	475	1	04/14/2025 13:36	WG2489487
Di-n-octyl phthalate	U		32.1	475	1	04/14/2025 13:36	WG2489487
Pyrene	U		9.25	47.5	1	04/14/2025 13:36	WG2489487
1,2,4-Trichlorobenzene	U		14.8	475	1	04/14/2025 13:36	WG2489487
4-Chloro-3-methylphenol	U		15.4	475	1	04/14/2025 13:36	WG2489487
2-Chlorophenol	U		15.7	475	1	04/14/2025 13:36	WG2489487
2,4-Dichlorophenol	U		13.8	475	1	04/14/2025 13:36	WG2489487
2,4-Dimethylphenol	U	C3	12.4	475	1	04/14/2025 13:36	WG2489487
4,6-Dinitro-2-methylphenol	U	C3	108	475	1	04/14/2025 13:36	WG2489487
2,4-Dinitrophenol	U	C3	111	475	1	04/14/2025 13:36	WG2489487
2-Nitrophenol	U		17.0	475	1	04/14/2025 13:36	WG2489487
4-Nitrophenol	U		14.8	475	1	04/14/2025 13:36	WG2489487
Pentachlorophenol	U	C3	12.8	475	1	04/14/2025 13:36	WG2489487
Phenol	U		19.1	475	1	04/14/2025 13:36	WG2489487
2,4,6-Trichlorophenol	U		15.3	475	1	04/14/2025 13:36	WG2489487
(S) 2-Fluorophenol	*66.1*			*12.0-120*		*04/14/2025 13:36*	WG2489487
(S) Phenol-d5	*59.3*			*10.0-120*		*04/14/2025 13:36*	WG2489487
(S) Nitrobenzene-d5	*55.0*			*10.0-122*		*04/14/2025 13:36*	WG2489487
(S) 2-Fluorobiphenyl	*54.1*			*15.0-120*		*04/14/2025 13:36*	WG2489487
(S) 2,4,6-Tribromophenol	*38.6*			*10.0-127*		*04/14/2025 13:36*	WG2489487
(S) p-Terphenyl-d14	*52.0*			*10.0-120*		*04/14/2025 13:36*	WG2489487

Method Blank (MB)

(MB) R4198913-1 04/13/25 12:55

Analyte	MB Result %	MB Qualifier	MB MDL %	MB RDL %
Total Solids	0.000			

L1847543-08 Original Sample (OS) • Duplicate (DUP)

(OS) L1847543-08 04/13/25 12:55 • (DUP) R4198913-3 04/13/25 12:55

Analyte	Original Result %	DUP Result %	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Total Solids	71.2	70.6	1	0.776		10

Laboratory Control Sample (LCS)

(LCS) R4198913-2 04/13/25 12:55

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) R4198929-1 04/13/25 13:32

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

L1847543-09 Original Sample (OS) • Duplicate (DUP)

(OS) L1847543-09 04/13/25 13:32 • (DUP) R4198929-3 04/13/25 13:32

Analyte	Original Result %	DUP Result %	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Total Solids	72.5	72.5	1	0.0585		10

Laboratory Control Sample (LCS)

(LCS) R4198929-2 04/13/25 13:32

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) R4199125-1 04/14/25 05:34

Analyte	MB Result ug/kg	MB Qualifier	MB MDL ug/kg	MB RDL ug/kg
Hexavalent Chromium	U		379	1000

L1847540-13 Original Sample (OS) • Duplicate (DUP)

(OS) L1847540-13 04/14/25 06:37 • (DUP) R4199125-7 04/14/25 06:46

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

L1847545-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1847545-01 04/14/25 10:04 • (DUP) R4199125-8 04/14/25 10:13

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

Laboratory Control Sample (LCS)

(LCS) R4199125-2 04/14/25 05:43

Analyte	Spike Amount ug/kg	LCS Result ug/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Hexavalent Chromium	10000	10700	107	80.0-120	

L1847540-12 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1847540-12 04/14/25 05:52 • (MS) R4199125-4 04/14/25 06:10 • (MSD) R4199125-5 04/14/25 06:19

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 %
Hexavalent Chromium	20600	U	20100	19000	97.5	91.9	1	75.0-125			5.88	20

L1847540-12 Original Sample (OS) • Matrix Spike (MS)

(OS) L1847540-12 04/14/25 05:52 • (MS) R4199125-6 04/14/25 06:28

Analyte	Spike Amount (dry) ug/kg	Original Result (dry) ug/kg	MS Result (dry) ug/kg	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Hexavalent Chromium	658000	U	686000	104	50	75.0-125	

Method Blank (MB)

(MB) R4198952-1 04/13/25 18:55

Analyte	MB Result ug/kg	MB Qualifier	MB MDL ug/kg	MB RDL ug/kg
Mercury	U		20.6	40.0

Laboratory Control Sample (LCS)

(LCS) R4198952-2 04/13/25 18:58

Analyte	Spike Amount ug/kg	LCS Result ug/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Mercury	500	528	106	80.0-120	

L1847540-21 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1847540-21 04/13/25 19:00 • (MS) R4198952-4 04/13/25 19:05 • (MSD) R4198952-5 04/13/25 19:08

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 %
Mercury	506	U	550	550	109	109	1	75.0-125			0.0595	20

Method Blank (MB)

(MB) R4198972-1 04/13/25 20:11

Analyte	MB Result ug/kg	MB Qualifier	MB MDL ug/kg	MB RDL ug/kg
Mercury	U		20.6	40.0

Laboratory Control Sample (LCS)

(LCS) R4198972-2 04/13/25 20:14

Analyte	Spike Amount ug/kg	LCS Result ug/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Mercury	500	531	106	80.0-120	

L1847543-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1847543-02 04/13/25 20:17 • (MS) R4198972-4 04/13/25 20:22 • (MSD) R4198972-5 04/13/25 20:30

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 %
Mercury	724	U	782	762	108	105	1	75.0-125			2.70	20

Method Blank (MB)

(MB) R4198994-1 04/13/25 21:18

Analyte	MB Result ug/kg	MB Qualifier	MB MDL ug/kg	MB RDL ug/kg
Aluminum	6250	J	6080	20000
Antimony	U		691	2000
Arsenic	U		837	2000
Barium	U		85.0	500
Beryllium	U		47.7	200
Cadmium	U		65.3	500
Calcium	U		19000	100000
Chromium	U		214	1000
Cobalt	U		177	1000
Copper	U		357	2000
Iron	3590	J	2240	10000
Lead	U		326	500
Magnesium	U		19900	100000
Manganese	U		173	1000
Nickel	U		200	2000
Potassium	U		20900	100000
Selenium	U		1070	2000
Silver	U		127	1000
Sodium	U		41200	100000
Thallium	U		518	2000
Vanadium	493	J	383	2000
Zinc	U		974	5000

Laboratory Control Sample (LCS)

(LCS) R4198994-2 04/13/25 21:19

Analyte	Spike Amount ug/kg	LCS Result ug/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Aluminum	1000000	985000	98.5	80.0-120	
Antimony	100000	99700	99.7	80.0-120	
Arsenic	100000	101000	101	80.0-120	
Barium	100000	97500	97.5	80.0-120	
Beryllium	100000	96600	96.6	80.0-120	
Cadmium	100000	98500	98.5	80.0-120	
Calcium	1000000	1010000	101	80.0-120	
Chromium	100000	97000	97.0	80.0-120	
Cobalt	100000	92900	92.9	80.0-120	
Copper	100000	101000	101	80.0-120	
Iron	1000000	1010000	101	80.0-120	

Laboratory Control Sample (LCS)

(LCS) R4198994-2 04/13/25 21:19

Analyte	Spike Amount ug/kg	LCS Result ug/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Lead	100000	96900	96.9	80.0-120	
Magnesium	1000000	991000	99.1	80.0-120	
Manganese	100000	97400	97.4	80.0-120	
Nickel	100000	95700	95.7	80.0-120	
Potassium	1000000	1020000	102	80.0-120	
Selenium	100000	96400	96.4	80.0-120	
Silver	20000	19400	96.8	80.0-120	
Sodium	1000000	1040000	104	80.0-120	
Thallium	100000	98600	98.6	80.0-120	
Vanadium	100000	95600	95.6	80.0-120	
Zinc	100000	101000	101	80.0-120	

L1847540-21 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1847540-21 04/13/25 21:21 • (MS) R4198994-5 04/13/25 21:26 • (MSD) R4198994-6 04/13/25 21:28

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	1010000	724000	1720000	1410000	98.3	67.9	1	75.0-125		J6	19.6	20
Antimony	101000	U	88100	78500	86.9	77.5	1	75.0-125			11.4	20
Arsenic	101000	2330	93000	82500	89.5	79.1	1	75.0-125			12.0	20
Barium	101000	8740	103000	88200	92.6	78.5	1	75.0-125			15.0	20
Beryllium	101000	149	88500	78700	87.2	77.6	1	75.0-125			11.6	20
Cadmium	101000	U	90000	79300	88.9	78.3	1	75.0-125			12.7	20
Calcium	1010000	2120000	7510000	3180000	532	105	1	75.0-125	J5	J3	80.9	20
Chromium	101000	1270	90500	80700	88.1	78.4	1	75.0-125			11.4	20
Cobalt	101000	1110	89400	77600	87.2	75.5	1	75.0-125			14.1	20
Copper	101000	1410	93800	84400	91.2	81.9	1	75.0-125			10.6	20
Iron	1010000	5860000	3900000	2760000	0.000	0.000	1	75.0-125	V	J3 V	34.3	20
Lead	101000	4490	94500	82400	88.9	76.9	1	75.0-125			13.7	20
Magnesium	1010000	471000	1480000	1230000	99.4	74.6	1	75.0-125		J6	18.6	20
Manganese	101000	87800	158000	125000	69.4	36.7	1	75.0-125	J6	J3 J6	23.4	20
Nickel	101000	1740	91600	80600	88.7	77.9	1	75.0-125			12.7	20
Potassium	1010000	185000	1140000	1000000	94.3	80.8	1	75.0-125			12.8	20
Selenium	101000	U	85700	76100	84.6	75.1	1	75.0-125			11.9	20
Silver	20300	U	18000	16000	89.0	78.7	1	75.0-125			12.2	20
Sodium	1010000	U	961000	854000	94.9	84.3	1	75.0-125			11.8	20
Thallium	101000	U	92900	80800	91.7	79.8	1	75.0-125			13.9	20
Vanadium	101000	6390	90200	80400	82.8	73.1	1	75.0-125		J6	11.5	20
Zinc	101000	9690	99800	87900	88.9	77.2	1	75.0-125			12.6	20

Method Blank (MB)

(MB) R4199016-1 04/13/25 21:53

Analyte	MB Result ug/kg	MB Qualifier	MB MDL ug/kg	MB RDL ug/kg
Aluminum	U		6080	20000
Antimony	U		691	2000
Arsenic	U		837	2000
Barium	U		85.0	500
Beryllium	U		47.7	200
Cadmium	U		65.3	500
Calcium	U		19000	100000
Chromium	U		214	1000
Cobalt	U		177	1000
Copper	U		357	2000
Iron	U		2240	10000
Lead	U		326	500
Magnesium	U		19900	100000
Manganese	U		173	1000
Nickel	U		200	2000
Potassium	U		20900	100000
Selenium	U		1070	2000
Silver	U		127	1000
Sodium	U		41200	100000
Thallium	U		518	2000
Vanadium	U		383	2000
Zinc	U		974	5000

Laboratory Control Sample (LCS)

(LCS) R4199016-2 04/13/25 21:55

Analyte	Spike Amount ug/kg	LCS Result ug/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Aluminum	1000000	1020000	102	80.0-120	
Antimony	100000	98400	98.4	80.0-120	
Arsenic	100000	97100	97.1	80.0-120	
Barium	100000	106000	106	80.0-120	
Beryllium	100000	102000	102	80.0-120	
Cadmium	100000	97800	97.8	80.0-120	
Calcium	1000000	1060000	106	80.0-120	
Chromium	100000	104000	104	80.0-120	
Cobalt	100000	97800	97.8	80.0-120	
Copper	100000	103000	103	80.0-120	
Iron	1000000	1050000	105	80.0-120	

Laboratory Control Sample (LCS)

(LCS) R4199016-2 04/13/25 21:55

Analyte	Spike Amount ug/kg	LCS Result ug/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Lead	100000	98100	98.1	80.0-120	
Magnesium	1000000	1030000	103	80.0-120	
Manganese	100000	108000	108	80.0-120	
Nickel	100000	97600	97.6	80.0-120	
Potassium	1000000	987000	98.7	80.0-120	
Selenium	100000	100000	100	80.0-120	
Silver	20000	20300	101	80.0-120	
Sodium	1000000	1060000	106	80.0-120	
Thallium	100000	102000	102	80.0-120	
Vanadium	100000	99800	99.8	80.0-120	
Zinc	100000	99500	99.5	80.0-120	

L1847543-03 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1847543-03 04/13/25 22:27 • (MS) R4199016-5 04/13/25 22:33 • (MSD) R4199016-6 04/13/25 22:35

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	1460000	5270000	6100000	6370000	57.4	75.6	1	75.0-125	J6		4.25	20
Antimony	146000	U	96600	111000	66.2	76.3	1	75.0-125	J6		14.1	20
Arsenic	146000	3910	115000	130000	76.1	86.2	1	75.0-125			12.1	20
Barium	146000	103000	214000	242000	76.2	95.3	1	75.0-125			12.2	20
Beryllium	146000	562	119000	133000	81.2	90.7	1	75.0-125			11.0	20
Cadmium	146000	283	113000	129000	77.4	88.3	1	75.0-125			13.1	20
Calcium	1460000	12200000	14000000	15300000	122	213	1	75.0-125		V	9.02	20
Chromium	146000	6510	123000	140000	80.2	91.8	1	75.0-125			12.8	20
Cobalt	146000	4980	121000	139000	79.8	92.2	1	75.0-125			13.8	20
Copper	146000	19600	138000	157000	81.4	94.5	1	75.0-125			13.0	20
Iron	1460000	9880000	9690000	10700000	0.000	55.5	1	75.0-125	V	V	9.88	20
Lead	146000	9650	125000	143000	79.1	91.2	1	75.0-125			13.2	20
Magnesium	1460000	2960000	4070000	4400000	76.7	98.8	1	75.0-125			7.62	20
Manganese	146000	503000	624000	717000	83.3	147	1	75.0-125		J5	13.8	20
Nickel	146000	9380	125000	142000	79.3	90.9	1	75.0-125			12.8	20
Potassium	1460000	1840000	2830000	3100000	67.8	86.4	1	75.0-125	J6		9.14	20
Selenium	146000	U	113000	128000	77.4	88.0	1	75.0-125			12.8	20
Silver	29200	U	23900	26900	82.1	92.2	1	75.0-125			11.6	20
Sodium	1460000	463000	1700000	1920000	84.8	100	1	75.0-125			12.4	20
Thallium	146000	U	118000	133000	80.8	91.2	1	75.0-125			12.1	20
Vanadium	146000	14600	128000	143000	78.0	87.9	1	75.0-125			10.6	20
Zinc	146000	57200	163000	189000	72.5	90.5	1	75.0-125	J6		14.9	20

Method Blank (MB)

(MB) R4198941-2 04/13/25 10:41

Analyte	MB Result ug/kg	MB Qualifier	MB MDL ug/kg	MB RDL ug/kg
TPH (GC/FID) Low Fraction	43.6	J	21.7	100
(S) a,a,a-Trifluorotoluene(FID)	*105*			*77.0-120*

Laboratory Control Sample (LCS)

(LCS) R4198941-1 04/13/25 09:54

Analyte	Spike Amount ug/kg	LCS Result ug/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
TPH (GC/FID) Low Fraction	5000	5360	107	72.0-127	
(S) a,a,a-Trifluorotoluene(FID)			*109*	*77.0-120*	

Method Blank (MB)

(MB) R4199035-2 04/13/25 22:43

Analyte	MB Result ug/kg	MB Qualifier	MB MDL ug/kg	MB RDL ug/kg
TPH (GC/FID) Low Fraction	33.7	J	21.7	100
(S) a,a,a-Trifluorotoluene(FID)	*101*			*77.0-120*

Laboratory Control Sample (LCS)

(LCS) R4199035-1 04/13/25 21:48

Analyte	Spike Amount ug/kg	LCS Result ug/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
TPH (GC/FID) Low Fraction	5000	5160	103	72.0-127	
(S) a,a,a-Trifluorotoluene(FID)			*110*	*77.0-120*	

L1847540-21 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1847540-21 04/14/25 03:09 • (MS) R4199035-3 04/14/25 07:05 • (MSD) R4199035-4 04/14/25 07:39

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 %
TPH (GC/FID) Low Fraction	5010	22.7	3400	3990	67.4	79.1	1	10.0-151			15.9	28
(S) a,a,a-Trifluorotoluene(FID)					*104*	*104*		*77.0-120*				

Method Blank (MB)

(MB) R4199036-2 04/14/25 00:09

Analyte	MB Result ug/kg	MB Qualifier	MB MDL ug/kg	MB RDL ug/kg
TPH (GC/FID) Low Fraction	25.8	J	21.7	100
(S) a,a,a-Trifluorotoluene(FID)	*98.6*			*77.0-120*

Laboratory Control Sample (LCS)

(LCS) R4199036-1 04/13/25 23:12

Analyte	Spike Amount ug/kg	LCS Result ug/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
TPH (GC/FID) Low Fraction	5000	5210	104	72.0-127	
(S) a,a,a-Trifluorotoluene(FID)			*109*	*77.0-120*	

L1847545-21 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1847545-21 04/14/25 07:55 • (MS) R4199036-3 04/14/25 08:52 • (MSD) R4199036-4 04/14/25 09:15

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 %
TPH (GC/FID) Low Fraction	5100	34.2	4270	3380	83.1	65.5	1	10.0-151			23.5	28
(S) a,a,a-Trifluorotoluene(FID)					*103*	*101*		*77.0-120*				

Method Blank (MB)

(MB) R4199022-2 04/13/25 16:43

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
Benzene	U		0.467	1.00
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
Ethylbenzene	U		0.737	2.50
Hexachloro-1,3-butadiene	U		6.00	25.0
Isopropylbenzene	U		0.425	2.50

Method Blank (MB)

(MB) R4199022-2 04/13/25 16:43

Analyte	MB Result ug/kg	MB Qualifier	MB MDL ug/kg	MB RDL ug/kg
p-Isopropyltoluene	U		2.55	5.00
2-Butanone (MEK)	U		63.5	100
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
Naphthalene	U		4.88	12.5
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
Toluene	2.37	J	1.30	5.00
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
1,2,4-Trimethylbenzene	U		1.58	5.00
1,2,3-Trimethylbenzene	U		1.58	5.00
1,3,5-Trimethylbenzene	U		2.00	5.00
Vinyl chloride	U		1.16	2.50
Xylenes, Total	U		0.880	6.50
(S) Toluene-d8	*114*			*75.0-131*
(S) 4-Bromofluorobenzene	*92.9*			*67.0-138*
(S) 1,2-Dichloroethane-d4	*103*			*70.0-130*

Laboratory Control Sample (LCS)

(LCS) R4199022-1 04/13/25 12:50

Analyte	Spike Amount ug/kg	LCS Result ug/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Acetone	625	593	94.9	10.0-160	
Acrylonitrile	625	509	81.4	45.0-153	
Benzene	125	116	92.8	70.0-123	
Bromobenzene	125	104	83.2	73.0-121	
Bromodichloromethane	125	133	106	73.0-121	

Laboratory Control Sample (LCS)

(LCS) R4199022-1 04/13/25 12:50

Analyte	Spike Amount ug/kg	LCS Result ug/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Bromoform	125	126	101	64.0-132	
Bromomethane	125	63.4	50.7	56.0-147	J4
n-Butylbenzene	125	131	105	68.0-135	
sec-Butylbenzene	125	111	88.8	74.0-130	
tert-Butylbenzene	125	110	88.0	75.0-127	
Carbon tetrachloride	125	133	106	66.0-128	
Chlorobenzene	125	118	94.4	76.0-128	
Chlorodibromomethane	125	130	104	74.0-127	
Chloroethane	125	61.0	48.8	61.0-134	J4
Chloroform	125	118	94.4	72.0-123	
Chloromethane	125	74.1	59.3	51.0-138	
2-Chlorotoluene	125	112	89.6	75.0-124	
4-Chlorotoluene	125	106	84.8	75.0-124	
1,2-Dibromo-3-Chloropropane	125	130	104	59.0-130	
1,2-Dibromoethane	125	112	89.6	74.0-128	
Dibromomethane	125	109	87.2	75.0-122	
1,2-Dichlorobenzene	125	131	105	76.0-124	
1,3-Dichlorobenzene	125	119	95.2	76.0-125	
1,4-Dichlorobenzene	125	114	91.2	77.0-121	
Dichlorodifluoromethane	125	96.2	77.0	43.0-156	
1,1-Dichloroethane	125	107	85.6	70.0-127	
1,2-Dichloroethane	125	126	101	65.0-131	
1,1-Dichloroethene	125	98.9	79.1	65.0-131	
cis-1,2-Dichloroethene	125	100	80.0	73.0-125	
trans-1,2-Dichloroethene	125	94.4	75.5	71.0-125	
1,2-Dichloropropane	125	102	81.6	74.0-125	
1,1-Dichloropropene	125	116	92.8	73.0-125	
1,3-Dichloropropane	125	119	95.2	80.0-125	
cis-1,3-Dichloropropene	125	112	89.6	76.0-127	
trans-1,3-Dichloropropene	125	128	102	73.0-127	
2,2-Dichloropropane	125	117	93.6	59.0-135	
Di-isopropyl ether	125	114	91.2	60.0-136	
Ethylbenzene	125	108	86.4	74.0-126	
Hexachloro-1,3-butadiene	125	159	127	57.0-150	
Isopropylbenzene	125	123	98.4	72.0-127	
p-Isopropyltoluene	125	124	99.2	72.0-133	
2-Butanone (MEK)	625	731	117	30.0-160	
Methylene Chloride	125	85.4	68.3	68.0-123	
4-Methyl-2-pentanone (MIBK)	625	678	108	56.0-143	
Methyl tert-butyl ether	125	111	88.8	66.0-132	

Laboratory Control Sample (LCS)

(LCS) R4199022-1 04/13/25 12:50

Analyte	Spike Amount ug/kg	LCS Result ug/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Naphthalene	125	152	122	59.0-130	
n-Propylbenzene	125	113	90.4	74.0-126	
Styrene	125	103	82.4	72.0-127	
1,1,1,2-Tetrachloroethane	125	122	97.6	74.0-129	
1,1,2,2-Tetrachloroethane	125	96.7	77.4	68.0-128	
1,1,2-Trichlorotrifluoroethane	125	105	84.0	61.0-139	
Tetrachloroethene	125	120	96.0	70.0-136	
Toluene	125	122	97.6	75.0-121	
1,2,3-Trichlorobenzene	125	184	147	59.0-139	J4
1,2,4-Trichlorobenzene	125	151	121	62.0-137	
1,1,1-Trichloroethane	125	138	110	69.0-126	
1,1,2-Trichloroethane	125	123	98.4	78.0-123	
Trichloroethene	125	114	91.2	76.0-126	
Trichlorofluoromethane	125	114	91.2	61.0-142	
1,2,3-Trichloropropane	125	105	84.0	67.0-129	
1,2,4-Trimethylbenzene	125	117	93.6	70.0-126	
1,2,3-Trimethylbenzene	125	116	92.8	74.0-124	
1,3,5-Trimethylbenzene	125	114	91.2	73.0-127	
Vinyl chloride	125	70.1	56.1	63.0-134	J4
Xylenes, Total	375	343	91.5	72.0-127	
(S) Toluene-d8			*115*	*75.0-131*	
(S) 4-Bromofluorobenzene			*91.1*	*67.0-138*	
(S) 1,2-Dichloroethane-d4			*117*	*70.0-130*	

L1847540-21 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1847540-21 04/13/25 22:18 • (MS) R4199022-3 04/13/25 23:18 • (MSD) R4199022-4 04/13/25 23:38

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	641	U	184	151	28.6	23.5	1	10.0-160			19.6	40
Acrylonitrile	641	U	408	388	63.7	60.5	1	10.0-160			5.15	40
Benzene	128	U	114	108	88.8	84.0	1	10.0-149			5.56	37
Bromobenzene	128	U	107	101	83.2	78.6	1	10.0-156			5.64	38
Bromodichloromethane	128	U	124	115	96.8	89.6	1	10.0-143			7.73	37
Bromoform	128	U	107	105	83.2	81.6	1	10.0-146			1.94	36
Bromomethane	128	U	72.4	63.9	56.5	49.8	1	10.0-149			12.5	38
n-Butylbenzene	128	U	134	128	105	100	1	10.0-160			4.69	40
sec-Butylbenzene	128	U	118	111	92.0	86.4	1	10.0-159			6.28	39
tert-Butylbenzene	128	U	115	113	89.6	88.0	1	10.0-156			1.80	39

L1847540-21 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1847540-21 04/13/25 22:18 • (MS) R4199022-3 04/13/25 23:18 • (MSD) R4199022-4 04/13/25 23:38

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 %
Carbon tetrachloride	128	U	118	113	92.0	88.0	1	10.0-145			4.44	37
Chlorobenzene	128	U	113	113	88.0	88.0	1	10.0-152			0.000	39
Chlorodibromomethane	128	U	119	117	92.8	91.2	1	10.0-146			1.74	37
Chloroethane	128	U	65.5	56.2	51.0	43.8	1	10.0-146			15.2	40
Chloroform	128	1.24	107	97.5	82.2	75.0	1	10.0-146			9.05	37
Chloromethane	128	U	63.1	60.2	49.2	47.0	1	10.0-159			4.66	37
2-Chlorotoluene	128	U	113	111	88.0	86.4	1	10.0-159			1.83	38
4-Chlorotoluene	128	U	112	107	87.2	83.2	1	10.0-155			4.69	39
1,2-Dibromo-3-Chloropropane	128	U	94.9	95.5	74.0	74.5	1	10.0-151			0.647	39
1,2-Dibromoethane	128	U	106	103	82.4	80.0	1	10.0-148			2.96	34
Dibromomethane	128	U	98.2	95.4	76.6	74.4	1	10.0-147			2.86	35
1,2-Dichlorobenzene	128	U	124	121	96.8	94.4	1	10.0-155			2.51	37
1,3-Dichlorobenzene	128	U	116	113	90.4	88.0	1	10.0-153			2.69	38
1,4-Dichlorobenzene	128	U	122	111	95.2	86.4	1	10.0-151			9.69	38
Dichlorodifluoromethane	128	U	90.1	79.7	70.2	62.2	1	10.0-160			12.2	35
1,1-Dichloroethane	128	U	103	95.9	80.0	74.8	1	10.0-147			6.72	37
1,2-Dichloroethane	128	U	110	108	85.6	84.0	1	10.0-148			1.89	35
1,1-Dichloroethene	128	U	100	88.2	78.2	68.8	1	10.0-155			12.8	37
cis-1,2-Dichloroethene	128	U	97.3	93.3	75.8	72.7	1	10.0-149			4.20	37
trans-1,2-Dichloroethene	128	U	91.5	85.1	71.4	66.4	1	10.0-150			7.20	37
1,2-Dichloropropane	128	U	98.3	95.1	76.6	74.2	1	10.0-148			3.29	37
1,1-Dichloropropene	128	U	114	107	88.8	83.2	1	10.0-153			6.51	35
1,3-Dichloropropane	128	U	123	110	96.0	85.6	1	10.0-154			11.5	35
cis-1,3-Dichloropropene	128	U	111	104	86.4	80.8	1	10.0-151			6.70	37
trans-1,3-Dichloropropene	128	U	124	121	96.8	94.4	1	10.0-148			2.51	37
2,2-Dichloropropane	128	U	62.5	57.7	48.7	45.0	1	10.0-138			8.03	36
Di-isopropyl ether	128	U	106	98.6	82.4	76.9	1	10.0-147			6.93	36
Ethylbenzene	128	U	108	102	84.0	79.3	1	10.0-160			5.78	38
Hexachloro-1,3-butadiene	128	U	163	160	127	125	1	10.0-160			1.90	40
Isopropylbenzene	128	U	116	106	90.4	82.4	1	10.0-155			9.26	38
p-Isopropyltoluene	128	U	127	121	99.2	94.4	1	10.0-160			4.96	40
2-Butanone (MEK)	641	U	515	511	80.3	79.7	1	10.0-160			0.800	40
Methylene Chloride	128	U	79.9	71.5	62.3	55.8	1	10.0-141			11.1	37
4-Methyl-2-pentanone (MIBK)	641	U	529	515	82.6	80.3	1	10.0-160			2.75	35
Methyl tert-butyl ether	128	U	93.4	92.2	72.8	71.9	1	11.0-147			1.22	35
Naphthalene	128	U	118	121	92.0	94.4	1	10.0-160			2.58	36
n-Propylbenzene	128	U	120	116	93.6	90.4	1	10.0-158			3.48	38
Styrene	128	U	100	95.1	78.1	74.2	1	10.0-160			5.15	40
1,1,1,2-Tetrachloroethane	128	U	111	105	86.4	81.6	1	10.0-149			5.71	39

L1847540-21 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1847540-21 04/13/25 22:18 • (MS) R4199022-3 04/13/25 23:18 • (MSD) R4199022-4 04/13/25 23:38

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	%	%		%			%	%
1,1,2,2-Tetrachloroethane	128	U	88.1	85.4	68.7	66.6	1	10.0-160			3.19	35
1,1,2-Trichlorotrifluoroethane	128	U	100	93.9	78.1	73.2	1	10.0-160			6.45	36
Tetrachloroethene	128	U	124	116	96.8	90.4	1	10.0-156			6.84	39
Toluene	128	2.26	128	119	98.2	91.0	1	10.0-156			7.47	38
1,2,3-Trichlorobenzene	128	U	169	175	132	137	1	10.0-160			3.57	40
1,2,4-Trichlorobenzene	128	U	140	141	109	110	1	10.0-160			0.733	40
1,1,1-Trichloroethane	128	U	122	116	95.2	90.4	1	10.0-144			5.17	35
1,1,2-Trichloroethane	128	U	115	109	89.6	84.8	1	10.0-160			5.50	35
Trichloroethene	128	U	113	106	88.0	82.4	1	10.0-156			6.57	38
Trichlorofluoromethane	128	U	71.9	68.0	56.1	53.0	1	10.0-160			5.57	40
1,2,3-Trichloropropane	128	U	94.3	94.0	73.5	73.3	1	10.0-156			0.327	35
1,2,4-Trimethylbenzene	128	U	119	112	92.8	87.2	1	10.0-160			6.22	36
1,2,3-Trimethylbenzene	128	U	113	112	88.0	87.2	1	10.0-160			0.913	36
1,3,5-Trimethylbenzene	128	U	117	110	91.2	85.6	1	10.0-160			6.33	38
Vinyl chloride	128	U	61.6	59.5	48.0	46.4	1	10.0-160			3.39	37
Xylenes, Total	385	U	326	314	84.8	81.6	1	10.0-160			3.85	38
(S) Toluene-d8					*113*	*112*		*75.0-131*				
(S) 4-Bromofluorobenzene					*88.9*	*89.3*		*67.0-138*				
(S) 1,2-Dichloroethane-d4					*107*	*106*		*70.0-130*				

Method Blank (MB)

(MB) R4199189-3 04/14/25 11:15

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
Benzene	U		0.467	1.00
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	1.10	J	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
Ethylbenzene	U		0.737	2.50
Hexachloro-1,3-butadiene	U		6.00	25.0
Isopropylbenzene	U		0.425	2.50

Method Blank (MB)

(MB) R4199189-3 04/14/25 11:15

Analyte	MB Result ug/kg	MB Qualifier	MB MDL ug/kg	MB RDL ug/kg
p-Isopropyltoluene	U		2.55	5.00
2-Butanone (MEK)	U		63.5	100
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
Naphthalene	U		4.88	12.5
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
Toluene	2.90	J	1.30	5.00
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
1,2,4-Trimethylbenzene	U		1.58	5.00
1,2,3-Trimethylbenzene	U		1.58	5.00
1,3,5-Trimethylbenzene	U		2.00	5.00
Vinyl chloride	U		1.16	2.50
Xylenes, Total	U		0.880	6.50
(S) Toluene-d8	*104*			*75.0-131*
(S) 4-Bromofluorobenzene	*95.9*			*67.0-138*
(S) 1,2-Dichloroethane-d4	*94.8*			*70.0-130*

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

(LCS) R4199189-1 04/14/25 09:34 • (LCSD) R4199189-2 04/14/25 09:54

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	607	505	97.1	80.8	10.0-160			18.3	31
Acrylonitrile	625	649	560	104	89.6	45.0-153			14.7	22
Benzene	125	129	103	103	82.4	70.0-123		J3	22.4	20
Bromobenzene	125	147	124	118	99.2	73.0-121			17.0	20
Bromodichloromethane	125	110	95.2	88.0	76.2	73.0-121			14.4	20

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

(LCS) R4199189-1 04/14/25 09:34 • (LCSD) R4199189-2 04/14/25 09:54

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 %
Bromoform	125	105	93.2	84.0	74.6	64.0-132			11.9	20
Bromomethane	125	118	89.1	94.4	71.3	56.0-147		J3	27.9	20
n-Butylbenzene	125	132	109	106	87.2	68.0-135			19.1	20
sec-Butylbenzene	125	132	110	106	88.0	74.0-130			18.2	20
tert-Butylbenzene	125	123	104	98.4	83.2	75.0-127			16.7	20
Carbon tetrachloride	125	115	94.1	92.0	75.3	66.0-128			20.0	20
Chlorobenzene	125	132	110	106	88.0	76.0-128			18.2	20
Chlorodibromomethane	125	123	105	98.4	84.0	74.0-127			15.8	20
Chloroethane	125	85.3	65.5	68.2	52.4	61.0-134		J3 J4	26.3	20
Chloroform	125	123	100	98.4	80.0	72.0-123		J3	20.6	20
Chloromethane	125	157	103	126	82.4	51.0-138		J3	41.5	20
2-Chlorotoluene	125	146	121	117	96.8	75.0-124			18.7	20
4-Chlorotoluene	125	137	113	110	90.4	75.0-124			19.2	20
1,2-Dibromo-3-Chloropropane	125	95.3	82.2	76.2	65.8	59.0-130			14.8	20
1,2-Dibromoethane	125	119	102	95.2	81.6	74.0-128			15.4	20
Dibromomethane	125	109	94.5	87.2	75.6	75.0-122			14.3	20
1,2-Dichlorobenzene	125	132	113	106	90.4	76.0-124			15.5	20
1,3-Dichlorobenzene	125	140	119	112	95.2	76.0-125			16.2	20
1,4-Dichlorobenzene	125	129	104	103	83.2	77.0-121		J3	21.5	20
Dichlorodifluoromethane	125	145	82.9	116	66.3	43.0-156		J3	54.5	20
1,1-Dichloroethane	125	133	113	106	90.4	70.0-127			16.3	20
1,2-Dichloroethane	125	115	95.1	92.0	76.1	65.0-131			18.9	20
1,1-Dichloroethene	125	112	104	89.6	83.2	65.0-131			7.41	20
cis-1,2-Dichloroethene	125	122	102	97.6	81.6	73.0-125			17.9	20
trans-1,2-Dichloroethene	125	123	97.3	98.4	77.8	71.0-125		J3	23.3	20
1,2-Dichloropropane	125	141	119	113	95.2	74.0-125			16.9	20
1,1-Dichloropropene	125	128	102	102	81.6	73.0-125		J3	22.6	20
1,3-Dichloropropane	125	125	108	100	86.4	80.0-125			14.6	20
cis-1,3-Dichloropropene	125	126	103	101	82.4	76.0-127		J3	20.1	20
trans-1,3-Dichloropropene	125	132	110	106	88.0	73.0-127			18.2	20
2,2-Dichloropropane	125	131	105	105	84.0	59.0-135		J3	22.0	20
Di-isopropyl ether	125	133	115	106	92.0	60.0-136			14.5	20
Ethylbenzene	125	134	109	107	87.2	74.0-126		J3	20.6	20
Hexachloro-1,3-butadiene	125	151	135	121	108	57.0-150			11.2	20
Isopropylbenzene	125	132	109	106	87.2	72.0-127			19.1	20
p-Isopropyltoluene	125	129	106	103	84.8	72.0-133			19.6	20
2-Butanone (MEK)	625	736	624	118	99.8	30.0-160			16.5	24
Methylene Chloride	125	126	105	101	84.0	68.0-123			18.2	20
4-Methyl-2-pentanone (MIBK)	625	666	570	107	91.2	56.0-143			15.5	20
Methyl tert-butyl ether	125	107	93.6	85.6	74.9	66.0-132			13.4	20

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

(LCS) R4199189-1 04/14/25 09:34 • (LCSD) R4199189-2 04/14/25 09:54

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 %
Naphthalene	125	81.5	77.9	65.2	62.3	59.0-130			4.52	20
n-Propylbenzene	125	137	114	110	91.2	74.0-126			18.3	20
Styrene	125	124	103	99.2	82.4	72.0-127			18.5	20
1,1,1,2-Tetrachloroethane	125	131	114	105	91.2	74.0-129			13.9	20
1,1,2,2-Tetrachloroethane	125	103	92.8	82.4	74.2	68.0-128			10.4	20
1,1,2-Trichlorotrifluoroethane	125	120	110	96.0	88.0	61.0-139			8.70	20
Tetrachloroethene	125	152	122	122	97.6	70.0-136		J3	21.9	20
Toluene	125	135	110	108	88.0	75.0-121		J3	20.4	20
1,2,3-Trichlorobenzene	125	102	105	81.6	84.0	59.0-139			2.90	20
1,2,4-Trichlorobenzene	125	120	109	96.0	87.2	62.0-137			9.61	20
1,1,1-Trichloroethane	125	125	101	100	80.8	69.0-126		J3	21.2	20
1,1,2-Trichloroethane	125	123	105	98.4	84.0	78.0-123			15.8	20
Trichloroethene	125	141	115	113	92.0	76.0-126		J3	20.3	20
Trichlorofluoromethane	125	125	101	100	80.8	61.0-142		J3	21.2	20
1,2,3-Trichloropropane	125	119	107	95.2	85.6	67.0-129			10.6	20
1,2,4-Trimethylbenzene	125	122	102	97.6	81.6	70.0-126			17.9	20
1,2,3-Trimethylbenzene	125	124	104	99.2	83.2	74.0-124			17.5	20
1,3,5-Trimethylbenzene	125	126	101	101	80.8	73.0-127		J3	22.0	20
Vinyl chloride	125	133	91.4	106	73.1	63.0-134		J3	37.1	20
Xylenes, Total	375	391	325	104	86.7	72.0-127			18.4	20
(S) Toluene-d8				*104*	*103*	*75.0-131*				
(S) 4-Bromofluorobenzene				*98.6*	*98.6*	*67.0-138*				
(S) 1,2-Dichloroethane-d4				*93.8*	*99.7*	*70.0-130*				

Method Blank (MB)

(MB) R4198987-1 04/13/25 19:18

Analyte	MB Result ug/kg	MB Qualifier	MB MDL ug/kg	MB RDL ug/kg
C10-C28 Diesel Range	U		1610	4000
C28-C36 Motor Oil Range	U		274	4000
(S) o-Terphenyl	*75.5*			*18.0-148*

Laboratory Control Sample (LCS)

(LCS) R4198987-2 04/13/25 19:30

Analyte	Spike Amount ug/kg	LCS Result ug/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
C10-C28 Diesel Range	50000	38700	77.4	50.0-150	
(S) o-Terphenyl			*95.5*	*18.0-148*	

L1847540-21 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1847540-21 04/13/25 22:06 • (MS) R4198987-3 04/13/25 21:41 • (MSD) R4198987-4 04/13/25 21:53

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 %
C10-C28 Diesel Range	48800	4020	43400	44400	80.6	82.6	1	50.0-150			2.31	20
(S) o-Terphenyl					*89.7*	*98.8*		*18.0-148*				

Method Blank (MB)

(MB) R4199027-1 04/13/25 22:58

Analyte	MB Result ug/kg	MB Qualifier	MB MDL ug/kg	MB RDL ug/kg
C10-C28 Diesel Range	U		1610	4000
C28-C36 Motor Oil Range	U		274	4000
(S) o-Terphenyl	*72.2*			*18.0-148*

Laboratory Control Sample (LCS)

(LCS) R4199027-2 04/13/25 23:11

Analyte	Spike Amount ug/kg	LCS Result ug/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
C10-C28 Diesel Range	50000	40300	80.6	50.0-150	
(S) o-Terphenyl			*87.1*	*18.0-148*	

L1847545-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1847545-02 04/14/25 00:21 • (MS) R4199025-1 04/14/25 00:33 • (MSD) R4199025-2 04/14/25 00:46

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 %
C10-C28 Diesel Range	49800	U	51500	43800	103	87.5	5	50.0-150			16.2	20
(S) o-Terphenyl					*57.2*	*62.7*		*18.0-148*				

Sample Narrative:

OS: Cannot run at lower dilution due to viscosity of extract

Method Blank (MB)

(MB) R4199028-2 04/13/25 20:14

Analyte	MB Result ug/kg	MB Qualifier	MB MDL ug/kg	MB RDL ug/kg
Acenaphthene	U		5.39	33.3
Acenaphthylene	U		4.69	33.3
Anthracene	U		5.93	33.3
Benzidine	U		62.6	1670
Benzo(a)anthracene	U		5.87	33.3
Benzo(b)fluoranthene	U		6.21	33.3
Benzo(k)fluoranthene	U		5.92	33.3
Benzo(g,h,i)perylene	U		6.09	33.3
Benzo(a)pyrene	U		6.19	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
Chrysene	U		6.62	33.3
Dibenz(a,h)anthracene	U		9.23	33.3
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
Fluoranthene	U		6.01	33.3
Fluorene	U		5.42	33.3
Hexachlorobenzene	U		11.8	333
Hexachloro-1,3-butadiene	U		11.2	333
Hexachlorocyclopentadiene	U		17.5	333
Hexachloroethane	U		13.1	333
Indeno(1,2,3-cd)pyrene	U		9.41	33.3
Isophorone	U		10.2	333
Naphthalene	U		8.36	33.3
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	U		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

Method Blank (MB)

(MB) R4199028-2 04/13/25 20:14

Analyte	MB Result ug/kg	MB Qualifier	MB MDL ug/kg	MB RDL ug/kg
Diethyl phthalate	U		11.0	333
Dimethyl phthalate	U		70.6	333
Di-n-octyl phthalate	U		22.5	333
Pyrene	U		6.48	33.3
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
Pentachlorophenol	U		8.96	333
Phenol	U		13.4	333
2,4,6-Trichlorophenol	U		10.7	333
(S) 2-Fluorophenol	*78.7*			*12.0-120*
(S) Phenol-d5	*70.4*			*10.0-120*
(S) Nitrobenzene-d5	*64.0*			*10.0-122*
(S) 2-Fluorobiphenyl	*69.4*			*15.0-120*
(S) 2,4,6-Tribromophenol	*52.4*			*10.0-127*
(S) p-Terphenyl-d14	*77.5*			*10.0-120*

Laboratory Control Sample (LCS)

(LCS) R4199028-1 04/13/25 19:47

Analyte	Spike Amount ug/kg	LCS Result ug/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Acenaphthene	666	536	80.5	38.0-120	
Acenaphthylene	666	604	90.7	40.0-120	
Anthracene	666	536	80.5	42.0-120	
Benzidine	1330	544	40.9	10.0-120	J
Benzo(a)anthracene	666	578	86.8	44.0-120	
Benzo(b)fluoranthene	666	537	80.6	43.0-120	
Benzo(k)fluoranthene	666	519	77.9	44.0-120	
Benzo(g,h,i)perylene	666	527	79.1	43.0-120	
Benzo(a)pyrene	666	490	73.6	45.0-120	
Bis(2-chlorethoxy)methane	666	404	60.7	20.0-120	
Bis(2-chloroethyl)ether	666	485	72.8	16.0-120	

Laboratory Control Sample (LCS)

(LCS) R4199028-1 04/13/25 19:47

Analyte	Spike Amount ug/kg	LCS Result ug/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
2,2-Oxybis(1-Chloropropane)	666	508	76.3	23.0-120	
4-Bromophenyl-phenylether	666	526	79.0	40.0-120	
2-Chloronaphthalene	666	495	74.3	35.0-120	
4-Chlorophenyl-phenylether	666	500	75.1	40.0-120	
Chrysene	666	513	77.0	43.0-120	
Dibenz(a,h)anthracene	666	550	82.6	44.0-120	
1,2-Dichlorobenzene	666	450	67.6	32.0-120	
1,3-Dichlorobenzene	666	443	66.5	30.0-120	
1,4-Dichlorobenzene	666	464	69.7	31.0-120	
3,3-Dichlorobenzidine	1330	1050	78.9	28.0-120	
2,4-Dinitrotoluene	666	534	80.2	45.0-120	
2,6-Dinitrotoluene	666	536	80.5	42.0-120	
Fluoranthene	666	542	81.4	44.0-120	
Fluorene	666	507	76.1	41.0-120	
Hexachlorobenzene	666	469	70.4	39.0-120	
Hexachloro-1,3-butadiene	666	324	48.6	15.0-120	J
Hexachlorocyclopentadiene	666	258	38.7	15.0-120	J
Hexachloroethane	666	458	68.8	17.0-120	
Indeno(1,2,3-cd)pyrene	666	570	85.6	45.0-120	
Isophorone	666	424	63.7	23.0-120	
Naphthalene	666	385	57.8	18.0-120	
Nitrobenzene	666	407	61.1	17.0-120	
n-Nitrosodimethylamine	666	500	75.1	10.0-125	
n-Nitrosodiphenylamine	666	536	80.5	40.0-120	
n-Nitrosodi-n-propylamine	666	530	79.6	26.0-120	
Phenanthrene	666	526	79.0	42.0-120	
Benzylbutyl phthalate	666	654	98.2	40.0-120	
Bis(2-ethylhexyl)phthalate	666	648	97.3	41.0-120	
Di-n-butyl phthalate	666	593	89.0	43.0-120	
Diethyl phthalate	666	585	87.8	43.0-120	
Dimethyl phthalate	666	569	85.4	43.0-120	
Di-n-octyl phthalate	666	620	93.1	40.0-120	
Pyrene	666	543	81.5	41.0-120	
1,2,4-Trichlorobenzene	666	382	57.4	17.0-120	
4-Chloro-3-methylphenol	666	425	63.8	28.0-120	
2-Chlorophenol	666	467	70.1	28.0-120	
2,4-Dichlorophenol	666	413	62.0	25.0-120	
2,4-Dimethylphenol	666	395	59.3	15.0-120	
4,6-Dinitro-2-methylphenol	666	444	66.7	16.0-120	
2,4-Dinitrophenol	666	375	56.3	10.0-120	

Laboratory Control Sample (LCS)

(LCS) R4199028-1 04/13/25 19:47

Analyte	Spike Amount ug/kg	LCS Result ug/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
2-Nitrophenol	666	415	62.3	20.0-120	
4-Nitrophenol	666	531	79.7	27.0-120	
Pentachlorophenol	666	424	63.7	29.0-120	
Phenol	666	501	75.2	28.0-120	
2,4,6-Trichlorophenol	666	498	74.8	37.0-120	
(S) 2-Fluorophenol			*91.6*	*12.0-120*	
(S) Phenol-d5			*84.7*	*10.0-120*	
(S) Nitrobenzene-d5			*56.2*	*10.0-122*	
(S) 2-Fluorobiphenyl			*79.3*	*15.0-120*	
(S) 2,4,6-Tribromophenol			*67.6*	*10.0-127*	
(S) p-Terphenyl-d14			*82.3*	*10.0-120*	

L1847540-21 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1847540-21 04/14/25 00:16 • (MS) R4199028-3 04/14/25 00:39 • (MSD) R4199028-4 04/14/25 01:02

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 %
Acenaphthene	650	U	379	433	58.3	66.7	1	18.0-120			13.2	32
Acenaphthylene	650	U	439	464	67.4	71.6	1	25.0-120			5.61	32
Anthracene	650	U	380	463	58.4	71.4	1	22.0-120			19.7	29
Benzidine	1300	U	569	455	43.9	35.1	1	10.0-120	J	J	22.4	40
Benzo(a)anthracene	650	U	424	519	65.3	80.0	1	25.0-120			20.0	29
Benzo(b)fluoranthene	650	U	372	456	57.2	70.3	1	19.0-122			20.3	31
Benzo(k)fluoranthene	650	U	349	411	53.7	63.4	1	23.0-120			16.2	30
Benzo(g,h,i)perylene	650	U	353	378	54.2	58.3	1	10.0-120			6.93	33
Benzo(a)pyrene	650	U	349	412	53.7	63.6	1	24.0-120			16.5	30
Bis(2-chlorethoxy)methane	650	U	311	324	47.8	50.0	1	10.0-120	J	J	4.15	34
Bis(2-chloroethyl)ether	650	U	342	350	52.6	54.1	1	10.0-120			2.34	40
2,2-Oxybis(1-Chloropropane)	650	U	381	400	58.6	61.7	1	10.0-120			4.93	40
4-Bromophenyl-phenylether	650	U	390	417	60.0	64.4	1	27.0-120			6.78	30
2-Chloronaphthalene	650	U	358	377	55.0	58.1	1	20.0-120			5.24	32
4-Chlorophenyl-phenylether	650	U	362	396	55.6	61.1	1	24.0-120			9.09	29
Chrysene	650	U	376	449	57.8	69.2	1	21.0-120			17.7	29
Dibenz(a,h)anthracene	650	U	382	402	58.7	62.0	1	10.0-120			5.17	32
1,2-Dichlorobenzene	650	U	321	341	49.4	52.7	1	10.0-120	J		6.12	38
1,3-Dichlorobenzene	650	U	321	341	49.4	52.7	1	10.0-120	J		6.12	40
1,4-Dichlorobenzene	650	U	326	353	50.2	54.4	1	10.0-120	J		7.76	39
3,3-Dichlorobenzidine	1300	U	793	863	61.2	66.6	1	10.0-120			8.44	34
2,4-Dinitrotoluene	650	U	380	406	58.4	62.7	1	30.0-120			6.70	31

L1847540-21 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1847540-21 04/14/25 00:16 • (MS) R4199028-3 04/14/25 00:39 • (MSD) R4199028-4 04/14/25 01:02

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 %
2,6-Dinitrotoluene	650	U	385	420	59.2	64.8	1	25.0-120			8.81	31
Fluoranthene	650	U	391	563	60.1	86.9	1	18.0-126		J3	36.1	32
Fluorene	650	U	364	417	55.9	64.4	1	25.0-120			13.7	30
Hexachlorobenzene	650	U	333	359	51.2	55.3	1	27.0-120	J		7.32	28
Hexachloro-1,3-butadiene	650	U	248	265	38.2	40.9	1	10.0-120	J	J	6.71	38
Hexachlorocyclopentadiene	650	U	63.5	67.7	9.77	10.4	1	10.0-120	J J6	J	6.33	40
Hexachloroethane	650	U	265	287	40.8	44.2	1	10.0-120	J	J	7.71	40
Indeno(1,2,3-cd)pyrene	650	U	401	444	61.7	68.4	1	10.0-120			10.1	32
Isophorone	650	U	328	346	50.5	53.4	1	13.0-120	J		5.41	34
Naphthalene	650	U	295	314	45.3	48.4	1	10.0-120			6.32	35
Nitrobenzene	650	U	307	324	47.2	50.0	1	10.0-120	J	J	5.46	36
n-Nitrosodimethylamine	650	U	365	370	56.1	57.0	1	10.0-127			1.38	40
n-Nitrosodiphenylamine	650	U	386	423	59.3	65.3	1	17.0-120			9.26	29
n-Nitrosodi-n-propylamine	650	U	382	408	58.7	63.0	1	10.0-120			6.67	37
Phenanthrene	650	U	370	536	56.9	82.7	1	17.0-120		J3	36.7	31
Benzylbutyl phthalate	650	U	503	547	77.4	84.4	1	23.0-120			8.29	30
Bis(2-ethylhexyl)phthalate	650	U	508	541	78.2	83.4	1	17.0-126			6.18	30
Di-n-butyl phthalate	650	U	443	465	68.1	71.7	1	30.0-120			4.91	29
Diethyl phthalate	650	U	431	473	66.2	73.0	1	26.0-120			9.42	28
Dimethyl phthalate	650	U	414	441	63.7	68.0	1	25.0-120			6.16	29
Di-n-octyl phthalate	650	U	518	562	79.6	86.7	1	21.0-123			8.26	29
Pyrene	650	U	390	536	60.0	82.7	1	16.0-121			31.5	32
1,2,4-Trichlorobenzene	650	U	292	304	44.9	46.9	1	12.0-120	J	J	4.08	37
4-Chloro-3-methylphenol	650	U	326	347	50.2	53.6	1	15.0-120	J		6.32	30
2-Chlorophenol	650	U	329	350	50.6	54.1	1	15.0-120	J		6.26	37
2,4-Dichlorophenol	650	U	323	339	49.7	52.3	1	20.0-120	J		4.89	31
2,4-Dimethylphenol	650	U	302	314	46.4	48.4	1	10.0-120	J	J	3.95	33
4,6-Dinitro-2-methylphenol	650	U	200	221	30.7	34.1	1	10.0-120	J	J	10.1	39
2,4-Dinitrophenol	650	U	187	203	28.8	31.3	1	10.0-121	J	J	7.79	40
2-Nitrophenol	650	U	318	327	48.9	50.5	1	12.0-120	J	J	2.83	39
4-Nitrophenol	650	U	383	429	58.9	66.3	1	10.0-137			11.5	32
Pentachlorophenol	650	U	306	325	47.0	50.2	1	10.0-160	J	J	6.10	31
Phenol	650	U	361	379	55.5	58.4	1	12.0-120			4.93	38
2,4,6-Trichlorophenol	650	U	371	396	57.0	61.1	1	19.0-120			6.61	32
(S) 2-Fluorophenol					*67.1*	*72.3*		*12.0-120*				
(S) Phenol-d5					*61.5*	*65.5*		*10.0-120*				
(S) Nitrobenzene-d5					*55.8*	*59.7*		*10.0-122*				
(S) 2-Fluorobiphenyl					*58.9*	*61.9*		*15.0-120*				
(S) 2,4,6-Tribromophenol					*50.9*	*56.7*		*10.0-127*				

L1847540-21 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1847540-21 04/14/25 00:16 • (MS) R4199028-3 04/14/25 00:39 • (MSD) R4199028-4 04/14/25 01:02

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) p-Terphenyl-d14					*61.1*	*64.4*		*10.0-120*				

Method Blank (MB)

(MB) R4199245-2 04/14/25 09:14

Analyte	MB Result ug/kg	MB Qualifier	MB MDL ug/kg	MB RDL ug/kg
Acenaphthene	U		5.39	33.3
Acenaphthylene	U		4.69	33.3
Anthracene	U		5.93	33.3
Benzidine	U		62.6	1670
Benzo(a)anthracene	U		5.87	33.3
Benzo(b)fluoranthene	U		6.21	33.3
Benzo(k)fluoranthene	U		5.92	33.3
Benzo(g,h,i)perylene	U		6.09	33.3
Benzo(a)pyrene	U		6.19	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
Chrysene	U		6.62	33.3
Dibenz(a,h)anthracene	U		9.23	33.3
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
Fluoranthene	U		6.01	33.3
Fluorene	U		5.42	33.3
Hexachlorobenzene	U		11.8	333
Hexachloro-1,3-butadiene	U		11.2	333
Hexachlorocyclopentadiene	U		17.5	333
Hexachloroethane	U		13.1	333
Indeno(1,2,3-cd)pyrene	U		9.41	33.3
Isophorone	U		10.2	333
Naphthalene	U		8.36	33.3
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	U		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

Method Blank (MB)

(MB) R4199245-2 04/14/25 09:14

Analyte	MB Result ug/kg	MB Qualifier	MB MDL ug/kg	MB RDL ug/kg
Diethyl phthalate	U		11.0	333
Dimethyl phthalate	U		70.6	333
Di-n-octyl phthalate	U		22.5	333
Pyrene	U		6.48	33.3
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
Pentachlorophenol	U		8.96	333
Phenol	U		13.4	333
2,4,6-Trichlorophenol	U		10.7	333
(S) 2-Fluorophenol	*62.3*			*12.0-120*
(S) Phenol-d5	*55.7*			*10.0-120*
(S) Nitrobenzene-d5	*56.8*			*10.0-122*
(S) 2-Fluorobiphenyl	*64.6*			*15.0-120*
(S) 2,4,6-Tribromophenol	*62.3*			*10.0-127*
(S) p-Terphenyl-d14	*70.9*			*10.0-120*

Laboratory Control Sample (LCS)

(LCS) R4199245-1 04/14/25 08:53

Analyte	Spike Amount ug/kg	LCS Result ug/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Acenaphthene	666	435	65.3	38.0-120	
Acenaphthylene	666	473	71.0	40.0-120	
Anthracene	666	451	67.7	42.0-120	
Benzidine	1330	469	35.3	10.0-120	J
Benzo(a)anthracene	666	461	69.2	44.0-120	
Benzo(b)fluoranthene	666	430	64.6	43.0-120	
Benzo(k)fluoranthene	666	451	67.7	44.0-120	
Benzo(g,h,i)perylene	666	440	66.1	43.0-120	
Benzo(a)pyrene	666	440	66.1	45.0-120	
Bis(2-chlorethoxy)methane	666	319	47.9	20.0-120	J
Bis(2-chloroethyl)ether	666	372	55.9	16.0-120	

Laboratory Control Sample (LCS)

(LCS) R4199245-1 04/14/25 08:53

Analyte	Spike Amount ug/kg	LCS Result ug/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
2,2-Oxybis(1-Chloropropane)	666	318	47.7	23.0-120	J
4-Bromophenyl-phenylether	666	507	76.1	40.0-120	
2-Chloronaphthalene	666	413	62.0	35.0-120	
4-Chlorophenyl-phenylether	666	466	70.0	40.0-120	
Chrysene	666	439	65.9	43.0-120	
Dibenz(a,h)anthracene	666	467	70.1	44.0-120	
1,2-Dichlorobenzene	666	372	55.9	32.0-120	
1,3-Dichlorobenzene	666	370	55.6	30.0-120	
1,4-Dichlorobenzene	666	383	57.5	31.0-120	
3,3-Dichlorobenzidine	1330	930	69.9	28.0-120	
2,4-Dinitrotoluene	666	503	75.5	45.0-120	
2,6-Dinitrotoluene	666	461	69.2	42.0-120	
Fluoranthene	666	479	71.9	44.0-120	
Fluorene	666	454	68.2	41.0-120	
Hexachlorobenzene	666	481	72.2	39.0-120	
Hexachloro-1,3-butadiene	666	327	49.1	15.0-120	J
Hexachlorocyclopentadiene	666	262	39.3	15.0-120	J
Hexachloroethane	666	366	55.0	17.0-120	
Indeno(1,2,3-cd)pyrene	666	443	66.5	45.0-120	
Isophorone	666	314	47.1	23.0-120	J
Naphthalene	666	318	47.7	18.0-120	
Nitrobenzene	666	303	45.5	17.0-120	J
n-Nitrosodimethylamine	666	349	52.4	10.0-125	
n-Nitrosodiphenylamine	666	457	68.6	40.0-120	
n-Nitrosodi-n-propylamine	666	354	53.2	26.0-120	
Phenanthrene	666	436	65.5	42.0-120	
Benzylbutyl phthalate	666	441	66.2	40.0-120	
Bis(2-ethylhexyl)phthalate	666	473	71.0	41.0-120	
Di-n-butyl phthalate	666	478	71.8	43.0-120	
Diethyl phthalate	666	472	70.9	43.0-120	
Dimethyl phthalate	666	470	70.6	43.0-120	
Di-n-octyl phthalate	666	410	61.6	40.0-120	
Pyrene	666	419	62.9	41.0-120	
1,2,4-Trichlorobenzene	666	355	53.3	17.0-120	
4-Chloro-3-methylphenol	666	363	54.5	28.0-120	
2-Chlorophenol	666	375	56.3	28.0-120	
2,4-Dichlorophenol	666	375	56.3	25.0-120	
2,4-Dimethylphenol	666	326	48.9	15.0-120	J
4,6-Dinitro-2-methylphenol	666	578	86.8	16.0-120	
2,4-Dinitrophenol	666	456	68.5	10.0-120	

Laboratory Control Sample (LCS)

(LCS) R4199245-1 04/14/25 08:53

Analyte	Spike Amount ug/kg	LCS Result ug/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
2-Nitrophenol	666	376	56.5	20.0-120	
4-Nitrophenol	666	507	76.1	27.0-120	
Pentachlorophenol	666	413	62.0	29.0-120	
Phenol	666	379	56.9	28.0-120	
2,4,6-Trichlorophenol	666	466	70.0	37.0-120	
(S) 2-Fluorophenol			*66.4*	*12.0-120*	
(S) Phenol-d5			*62.3*	*10.0-120*	
(S) Nitrobenzene-d5			*49.8*	*10.0-122*	
(S) 2-Fluorobiphenyl			*66.1*	*15.0-120*	
(S) 2,4,6-Tribromophenol			*80.9*	*10.0-127*	
(S) p-Terphenyl-d14			*66.1*	*10.0-120*	

L1847545-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1847545-01 04/14/25 09:57 • (MS) R4199390-1 04/14/25 10:26 • (MSD) R4199390-2 04/14/25 10:56

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 %
Acenaphthene	663	U	481	453	72.5	68.6	1	18.0-120			5.83	32
Acenaphthylene	663	U	533	513	80.4	77.6	1	25.0-120			3.85	32
Anthracene	663	U	474	475	71.4	71.8	1	22.0-120			0.213	29
Benzidine	1330	U	714	702	53.6	53.2	1	10.0-120	J	J	1.57	40
Benzo(a)anthracene	663	U	510	512	76.9	77.4	1	25.0-120			0.394	29
Benzo(b)fluoranthene	663	U	460	455	69.3	68.8	1	19.0-122			1.10	31
Benzo(k)fluoranthene	663	U	437	434	66.0	65.7	1	23.0-120			0.694	30
Benzo(g,h,i)perylene	663	U	456	448	68.7	67.8	1	10.0-120			1.56	33
Benzo(a)pyrene	663	12.5	430	428	63.0	62.9	1	24.0-120			0.469	30
Bis(2-chlorethoxy)methane	663	U	368	354	55.5	53.5	1	10.0-120			3.91	34
Bis(2-chloroethyl)ether	663	U	413	406	62.3	61.4	1	10.0-120			1.72	40
2,2-Oxybis(1-Chloropropane)	663	U	451	425	68.1	64.3	1	10.0-120			5.98	40
4-Bromophenyl-phenylether	663	U	475	452	71.6	68.4	1	27.0-120			4.78	30
2-Chloronaphthalene	663	U	441	422	66.6	63.9	1	20.0-120			4.43	32
4-Chlorophenyl-phenylether	663	U	446	424	67.3	64.2	1	24.0-120			5.09	29
Chrysene	663	U	450	448	67.9	67.8	1	21.0-120			0.448	29
Dibenz(a,h)anthracene	663	U	485	469	73.1	70.9	1	10.0-120			3.38	32
1,2-Dichlorobenzene	663	U	391	369	59.0	55.8	1	10.0-120			5.84	38
1,3-Dichlorobenzene	663	U	389	368	58.7	55.6	1	10.0-120			5.59	40
1,4-Dichlorobenzene	663	U	398	375	60.0	56.7	1	10.0-120			6.00	39
3,3-Dichlorobenzidine	1330	U	979	959	73.6	72.7	1	10.0-120			1.98	34
2,4-Dinitrotoluene	663	U	484	444	72.9	67.2	1	30.0-120			8.47	31

L1847545-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1847545-01 04/14/25 09:57 • (MS) R4199390-1 04/14/25 10:26 • (MSD) R4199390-2 04/14/25 10:56

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 %
2,6-Dinitrotoluene	663	U	471	459	71.0	69.4	1	25.0-120			2.60	31
Fluoranthene	663	U	478	486	72.0	73.5	1	18.0-126			1.67	32
Fluorene	663	U	451	433	68.1	65.5	1	25.0-120			4.10	30
Hexachlorobenzene	663	U	403	395	60.8	59.8	1	27.0-120			2.02	28
Hexachloro-1,3-butadiene	663	U	291	279	43.9	42.2	1	10.0-120	J	J	4.24	38
Hexachlorocyclopentadiene	663	U	172	157	26.0	23.8	1	10.0-120	J	J	9.17	40
Hexachloroethane	663	U	386	375	58.2	56.7	1	10.0-120			2.91	40
Indeno(1,2,3-cd)pyrene	663	U	512	509	77.2	77.0	1	10.0-120			0.592	32
Isophorone	663	U	390	373	58.8	56.4	1	13.0-120			4.49	34
Naphthalene	663	U	350	343	52.7	51.8	1	10.0-120			2.04	35
Nitrobenzene	663	U	362	357	54.6	54.0	1	10.0-120			1.40	36
n-Nitrosodimethylamine	663	U	384	406	57.9	61.4	1	10.0-127			5.61	40
n-Nitrosodiphenylamine	663	U	473	458	71.3	69.2	1	17.0-120			3.25	29
n-Nitrosodi-n-propylamine	663	U	459	446	69.1	67.5	1	10.0-120			2.67	37
Phenanthrene	663	U	459	469	69.1	70.9	1	17.0-120			2.17	31
Benzylbutyl phthalate	663	U	599	599	90.3	90.5	1	23.0-120			0.000	30
Bis(2-ethylhexyl)phthalate	663	U	581	584	87.7	88.3	1	17.0-126			0.346	30
Di-n-butyl phthalate	663	U	517	511	78.0	77.3	1	30.0-120			1.18	29
Diethyl phthalate	663	U	531	501	80.1	75.8	1	26.0-120			5.86	28
Dimethyl phthalate	663	U	502	479	75.7	72.4	1	25.0-120			4.73	29
Di-n-octyl phthalate	663	U	597	605	90.0	91.5	1	21.0-123			1.34	29
Pyrene	663	U	472	480	71.1	72.6	1	16.0-121			1.69	32
1,2,4-Trichlorobenzene	663	U	346	335	52.1	50.6	1	12.0-120		J	3.26	37
4-Chloro-3-methylphenol	663	U	401	383	60.5	57.9	1	15.0-120			4.63	30
2-Chlorophenol	663	U	400	385	60.3	58.2	1	15.0-120			3.85	37
2,4-Dichlorophenol	663	U	389	376	58.7	56.9	1	20.0-120			3.43	31
2,4-Dimethylphenol	663	U	365	340	55.0	51.4	1	10.0-120			7.15	33
4,6-Dinitro-2-methylphenol	663	U	362	376	54.6	56.9	1	10.0-120			3.83	39
2,4-Dinitrophenol	663	U	325	333	48.9	50.3	1	10.0-121	J	J	2.45	40
2-Nitrophenol	663	U	381	372	57.4	56.2	1	12.0-120			2.41	39
4-Nitrophenol	663	U	512	493	77.2	74.5	1	10.0-137			3.81	32
Pentachlorophenol	663	U	362	364	54.6	55.0	1	10.0-160			0.556	31
Phenol	663	U	437	426	66.0	64.5	1	12.0-120			2.57	38
2,4,6-Trichlorophenol	663	U	459	440	69.1	66.6	1	19.0-120			4.04	32
(S) 2-Fluorophenol					*78.3*	*75.2*		*12.0-120*				
(S) Phenol-d5					*70.4*	*68.9*		*10.0-120*				
(S) Nitrobenzene-d5					*50.5*	*49.1*		*10.0-122*				
(S) 2-Fluorobiphenyl					*68.1*	*65.5*		*15.0-120*				
(S) 2,4,6-Tribromophenol					*58.4*	*57.5*		*10.0-127*				

L1847545-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1847545-01 04/14/25 09:57 • (MS) R4199390-1 04/14/25 10:26 • (MSD) R4199390-2 04/14/25 10:56

	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
Analyte	ug/kg	ug/kg	ug/kg	ug/kg	%	%		%			%	%
(S) p-Terphenyl-d14					*69.9*	*69.5*		*10.0-120*				

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
B	The same analyte is found in the associated blank.
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.
J3	The associated batch QC was outside the established quality control range for precision.
J4	The associated batch QC was outside the established quality control range for accuracy.
J5	The sample matrix interfered with the ability to make any accurate determination; spike value is high.
J6	The sample matrix interfered with the ability to make any accurate determination; spike value is low.
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.

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ALL BOLD OUTLINED AREAS are for LAB USE ONLY

Company: **CTEH**	Billing Information: ctehap@montrose-env.com
Address:	
Report To: Lab Results; Kyle Lawrence; Lisa Howes; Andrew Henault	Email To: labresults@cteh.com; kylelawrence@cteh.com; lhowes@cteh.com; ahenault@cteh.com
Copy To:	Site Collection Info/Address:
Customer Project Name/Number: Bishop Loss of Containment **PROJ-051017**	State: **CO** County/City: **Galeton** Time Zone Collect [ ]PT [X]MT [ ]CT [ ]ET
Phone: Email:	Site/Facility ID #: / Compliance Monitoring? [ ] Yes [ ] No
Collected By (print): L. Howes	Purchase Order # : / Quote #: / DW PWS ID #: / DW Location Code:
Collected By (signature): LH	Turnaround Date Required: / Immediately Packed on Ice: [X] Yes [ ] No
Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: _____ [X] Hold: 2X	Rush: (Expedite Charges Apply) **ASAP** [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] Standard / Field Filtered (if applicable): [ ] Yes [ ] No / Analysis: _____

Container Preservative Type **: U U U U U 3

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other _____

L1847543

Lab Project Manager:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Date	Time	No. of Cntrs	Container Type: Plastic (P) or Glass (G)	8260D - VOCs	8270E - SVOCs	8260D - TPH - GRO	8015C - TPH - DRO & ORO	6010 / 3500-Cr - TAL Metals	HCl Trip Blank	Lab Sample # / Comments
GACO0412D001-B	SL	Grab	04/12/2025	0935	2	G	X	X	X	X	X	-	-01
GACO0412D002-B	SL	Grab	04/12/2025	0955	2	G	X	X	X	X	X	-	-02
GACO0412D003-B	SL	Grab	04/12/2025	1010	2	G	X	X	X	X	X	-	-03
GACO0412D004-B	SL	Grab	04/12/2025	1020	2	G	X	X	X	X	X	-	-04
GACO0412D005-B	SL	Grab	04/12/2025	1035	2	G	X	X	X	X	X	-	-05
GACO0412D006-B	SL	Grab	04/12/2025	1045	2	G	X	X	X	X	X	-	-06
GACO0412D007-B	SL	Grab	04/12/2025	1055	2	G	X	X	X	X	X	-	-07
GACO0412D008-B	SL	Grab	04/12/2025	1110	2	G	X	X	X	X	X	-	-08
GACO0412D009-B	SL	Grab	04/12/2025	1130	2	G	X	X	X	X	X	-	-09
GACO0412D010-B	SL	Grab	04/12/2025	1140	2	G	X	X	X	X	X	-	-10
GACO0412C010-B	SL	Grab	04/12/2025	1140	2	G	X	X	X	X	X	-	-11

LH 04-12-25

Lab Profile/Line:

Lab Sample Receipt Checklist:
Custody Seals Present/Intact (Y) N NA
Custody Signatures Present (Y) N NA
Collector Signature Present (Y) N NA
Bottles Intact (Y) N NA
Correct Bottles (Y) N NA
Sufficient Volume (Y) N NA
Samples Received on Ice (Y) N NA
VOA - Headspace Acceptable Y N (NA)
USDA Regulated Soils Y (N) NA
Samples in Holding Time (Y) N NA
Residual Chlorine Present Y N (NA)
Cl Strips: _____
Sample pH Acceptable Y N (NA)
pH Strips: _____
Sulfide Present Y N (NA)
Lead Acetate Strips: _____

LAB USE ONLY:
Lab Sample # / Comments:

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: (Wet) Blue Dry None
Packing Material Used:
Radchem sample(s) screened (<500 cpm): (Y) N NA

SHORT HOLDS PRESENT (<72 hours): Y (N) N/A
Lab Tracking #:
Samples received via: FEDEX UPS Client (Courier) Pace Courier

LAB Sample Temperature Info:
Temp Blank Received: Y N NA
Therm ID#: _____
Cooler 1 Temp Upon Receipt: __oC
Cooler 1 Therm Corr. Factor: __oC
Cooler 1 Corrected Temp: __oC
Comments:

Relinquished by/Company: (Signature) LH CTEH	Date/Time: 04-12-25 1650	Received by/Company: (Signature)	Date/Time: 4/12/25 1650
Relinquished by/Company: (Signature)	Date/Time: 4/12/25 1800	Received by/Company: (Signature) SWA	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature) Brad Burchfield	Date/Time: 4/13/25 10:15

MTJL LAB USE ONLY
Table #:
Acctnum:
Template:
PM:
PB:

Trip Blank Received: (Y) N NA
(HCl) MeOH TSP Other

Non Conformance(s): YES / NO

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Company: **CTEH**	Billing Information: ctehap@montrose-env.com
Address:	
Report To: Lab Results; Kyle Lawrence; Lisa Howes; Andrew Henault	Email To: labresults@cteh.com; kylelawrence@cteh.com; lhowes@cteh.com; ahenault@cteh.com
Copy To:	Site Collection Info/Address:
Customer Project Name/Number: Bishop Loss of Containment **PROJ-051017**	State: **CO** County/City: **Galeton** Time Zone Collect [ ]PT [X]MT [ ]CT [ ]ET
Phone: Email:	Site/Facility ID #: — Compliance Monitoring? [ ] Yes [ ] No
Collected By (print): L. Howes	Purchase Order # : Quote #: — DW PWS ID #: DW Location Code:
Collected By (signature): LH	Turnaround Date Required: — Immediately Packed on Ice: [X] Yes [ ] No
Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: _____ [X] Hold: ____2X____	Rush: (Expedite Charges Apply) **ASAP** [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] Standard — Field Filtered (if applicable): [ ] Yes [ ] No — Analysis: _____

Container Preservative Type **: U U U U U 3

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other _____

Lab Project Manager: 41847543

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Date	Time	No. of Cntrs	Container Type: Plastic (P) or Glass (G)	Analyses: 8260D - VOCs	8270E - SVOCs	8260D - TPH - GRO	8015C - TPH - DRO & ORO	6010 / 3500-Cr - TAL Metals	HCl Trip Blank	Lab Sample # / Comments
GACO0412D011-B	SL	Grab	4/12/2025	1335	2	G	X	X	X	X	X	-	-12
GACO0412D012-B	SL	Grab	4/12/2025	1350	2	G	X	X	X	X	X	-	-13
GACO0412T001-B	OT SL (LH)	Grab	4/12/2025	1440	1	G	-	-	-	-	-	X	-14

LH 04-12-25

LH 04-12-25

Lab Profile/Line:

Lab Sample Receipt Checklist:
Custody Seals Present/Intact Y N NA
Custody Signatures Present Y N NA
Collector Signature Present Y N NA
Bottles Intact Y N NA
Correct Bottles Y N NA
Sufficient Volume Y N NA
Samples Received on Ice Y N NA
VOA - Headspace Acceptable Y N NA
USDA Regulated Soils Y N NA
Samples in Holding Time Y N NA
Residual Chlorine Present Y N NA
Cl Strips: _____
Sample pH Acceptable Y N NA
pH Strips: _____
Sulfide Present Y N NA
Lead Acetate Strips: _____

LAB USE ONLY:
Lab Sample # / Comments:

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: (Wet) Blue Dry None
Packing Material Used:
Radchem sample(s) screened (<500 cpm): (Y) N NA

SHORT HOLDS PRESENT (<72 hours): Y (N) N/A
Lab Tracking #:
Samples received via: FEDEX UPS Client (Courier) Pace Courier

LAB Sample Temperature Info:
Temp Blank Received: Y N NA
Therm ID#: _____
Cooler 1 Temp Upon Receipt: __oC
Cooler 1 Therm Corr. Factor: __oC
Cooler 1 Corrected Temp: ____oC
Comments:

Relinquished by/Company: (Signature) LH CTEH	Date/Time: 04-12-25 1650	Received by/Company: (Signature)
Relinquished by/Company: (Signature)	Date/Time: 4/12/25 1800	Received by/Company: (Signature) SWA
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature) Chad C. Burchfield

Date/Time: 4/12/25 1650
Date/Time:
Date/Time: 4/13/25 10:15

MTJL LAB USE ONLY
Table #:
Acctnum:
Template:
PM:
PB:

Trip Blank Received: Y N NA
HCL MeOH TSP Other

Non Conformance(s): YES / NO

Multiple Parcel Form L# L1847543

Parcel Tracking Number	Infrared Thermometer ID	Temperature Reading (°C)	Correction Factor (°C)	Corrected Temperature (°C)	Custody Seal Intact
SWA	IRA9	0.8	+0.4	1.2	Yes / No / Not Present
SWA	IRA9	1.0	+0.4	1.4	Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present

Carol Burchfield
Name

4/13/25
Date

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LAB USE ONLY- Affix Workorder/Login Label Here or List Pace Workorder Number or MTJL Log-in Number Here: H207

ALL BOLD OUTLINED AREAS are for LAB USE ONLY

Company: CTEH	Billing Information: ctehap@montrose-env.com
Address:	
Report To: Lab Results; Kyle Lawrence; Lisa Howes; Andrew Henault	Email To: labresults@cteh.com; kylelawrence@cteh.com; lhowes@cteh.com; ahenault@cteh.com
Copy To:	Site Collection Info/Address:
Customer Project Name/Number: Bishop Loss of Containment **PROJ-054017**	State: **CO** County/City: **Galeton** Time Zone Collect [ ]PT [X]MT [ ]CT [ ]ET
Phone: Email:	Site/Facility ID #: / Compliance Monitoring? [ ] Yes [ ] No
Collected By (print): L. Howes	Purchase Order # : / Quote #: / DW PWS ID #: / DW Location Code:
Collected By (signature): LH	Turnaround Date Required: / Immediately Packed on Ice: [X] Yes [ ] No
Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: _____ [X] Hold: 2X	Rush: (Expedite Charges Apply) **ASAP** [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] Standard / Field Filtered (if applicable): [ ] Yes [ ] No / Analysis: _____

Container Preservative Type **: U U U U U 3

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other _____

Lab Project Manager: L1847843

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Date	Time	No. of Cntrs	Container Type: Plastic (P) or Glass (G)	8260D - VOCs	8270E - SVOCs	8260D - TPH - GRO	8015C - TPH - DRO & ORO	6010 / 3500-Cr - TAL Metals	HCl Trip Blank					Lab Profile/Line:
GACO0412D001-B	SL	Grab	04/12/2025	0935	2	G	X	X	X	X	X	-					-01
GACO0412D002-B	SL	Grab	04/12/2025	0955	2	G	X	X	X	X	X	-					-02
GACO0412D003-B	SL	Grab	04/12/2025	1010	2	G	X	X	X	X	X	-					-03
GACO0412D004-B	SL	Grab	04/12/2025	1020	2	G	X	X	X	X	X	-					-04
GACO0412D005-B	SL	Grab	04/12/2025	1035	2	G	X	X	X	X	X	-					-05
GACO0412D006-B	SL	Grab	04/12/2025	1045	2	G	X	X	X	X	X	-					-06
GACO0412D007-B	SL	Grab	04/12/2025	1055	2	G	X	X	X	X	X	-					-07
GACO0412D008-B	SL	Grab	04/12/2025	1110	2	G	X	X	X	X	X	-					-08
GACO0412D009-B	SL	Grab	04/12/2025	1130	2	G	X	X	X	X	X	-					-09
GACO0412D010-B	SL	Grab	04/12/2025	1140	2	G	X	X	X	X	X	-					-10
GACO0412C010-B	SL	Grab	04/12/2025	1140	2	G	X	X	X	X	X	-					-11

LH 04-12-25

Lab Profile/Line:

Lab Sample Receipt Checklist:
Custody Seals Present/Intact (Y) N NA
Custody Signatures Present (Y) N NA
Collector Signature Present (Y) N NA
Bottles Intact (Y) N NA
Correct Bottles (Y) N NA
Sufficient Volume (Y) N NA
Samples Received on Ice (Y) N NA
VOA - Headspace Acceptable Y N (NA)
USDA Regulated Soils Y (N) NA
Samples in Holding Time (Y) N NA
Residual Chlorine Present Y N (NA)
Cl Strips: _____
Sample pH Acceptable Y N (NA)
pH Strips: _____
Sulfide Present Y N (NA)
Lead Acetate Strips: _____

LAB USE ONLY:
Lab Sample # / Comments:

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: (Wet) Blue Dry None
Packing Material Used:
Radchem sample(s) screened (<500 cpm): (Y) N NA

SHORT HOLDS PRESENT (<72 hours): Y (N) N/A
Lab Tracking #:
Samples received via: FEDEX UPS Client (Courier) Pace Courier

LAB Sample Temperature Info:
Temp Blank Received: Y N NA
Therm ID#: _____
Cooler 1 Temp Upon Receipt: __oC
Cooler 1 Therm Corr. Factor: __oC
Cooler 1 Corrected Temp: __oC
Comments:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
LH CTEH	04-12-25 1650		4/8/25 1650
	4/19/25 1800	SWA	
		Brookfield	4/17/25 10:15

MTJL LAB USE ONLY
Table #:
Acctnum:
Template:
PM:
PB:

Trip Blank Received: (Y) N NA
(HCl) MeOH TSP Other

Non Conformance(s): YES / NO

Page: 1 of: 2

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Company: CTEH	Billing Information: ctehap@montrose-env.com
Address:	
Report To: Lab Results; Kyle Lawrence; Lisa Howes; Andrew Henault	Email To: labresults@cteh.com; kylelawrence@cteh.com; lhowes@cteh.com; ahenault@cteh.com
Copy To:	Site Collection Info/Address:
Customer Project Name/Number: Bishop Loss of Containment PROJ-054017	State: CO County/City: Galeton Time Zone Collect [ ]PT [X]MT [ ]CT [ ]ET
Phone: Email:	Site/Facility ID #: Compliance Monitoring? [ ] Yes [ ] No
Collected By (print): L. Howes	Purchase Order # : Quote #: DW PWS ID #: DW Location Code:
Collected By (signature): LH	Turnaround Date Required: Immediately Packed on Ice: [X] Yes [ ] No
Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: _____ [X] Hold: 2X	Rush: (Expedite Charges Apply) ASAP [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] Standard Field Filtered (if applicable): [ ] Yes [ ] No Analysis: _____

Container Preservative Type **: U U U U U 3

Lab Project Manager:

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other _____

L1847543

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Customer Sample ID	Matrix *	Comp / Grab	Date	Time	No. of Cntrs	Container Type: Plastic (P) or Glass (G)	8260D - VOCs	8270E - SVOCs	8260D - TPH - GRO	8015C - TPH - DRO & ORO	6010 / 3500-Cr - TAL Metals	HCl Trip Blank
GACO0412D011-B	SL	Grab	4/12/2025	1335	2	G	X	X	X	X	X	-
GACO0412D012-B	SL	Grab	4/12/2025	1350	2	G	X	X	X	X	X	-
GACO0412T001-B	~~SL~~ OT (LH)	Grab	4/12/2025	1440	1	G	-	-	-	-	-	X

LH 04-12-25

LH 04-12-25

Lab Profile/Line:

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y	N	NA
Custody Signatures Present	Y	N	NA
Collector Signature Present	Y	N	NA
Bottles Intact	Y	N	NA
Correct Bottles	Y	N	NA
Sufficient Volume	Y	N	NA
Samples Received on Ice	Y	N	NA
VOA - Headspace Acceptable	Y	N	NA
USDA Regulated Soils	Y	N	NA
Samples in Holding Time	Y	N	NA
Residual Chlorine Present	Y	N	NA
Cl Strips: _____			
Sample pH Acceptable	Y	N	NA
pH Strips: _____			
Sulfide Present	Y	N	NA
Lead Acetate Strips: _____			

LAB USE ONLY:
Lab Sample # / Comments:

-12
-13
-14

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: (Wet) Blue Dry None

Packing Material Used:

Radchem sample(s) screened (<500 cpm): (Y) N NA

SHORT HOLDS PRESENT (<72 hours): Y (N) N/A

Lab Tracking #:

Samples received via: FEDEX UPS Client (Courier) Pace Courier

LAB Sample Temperature Info:
Temp Blank Received: Y N NA
Therm ID#: _____
Cooler 1 Temp Upon Receipt: __oC
Cooler 1 Therm Corr. Factor: __oC
Cooler 1 Corrected Temp: __oC
Comments:

Relinquished by/Company: (Signature) LH CTEH	Date/Time: 04-12-25 1650	Received by/Company: (Signature)	Date/Time: 4/12/25 1650	MTJL LAB USE ONLY Table #:
Relinquished by/Company: (Signature)	Date/Time: 4/12/25 1840	Received by/Company: (Signature)	Date/Time:	Acctnum: Template:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time: 4/13/25 10:15	PM: PB:

Trip Blank Received: Y N NA
HCL MeOH TSP Other

Non Conformance(s): YES / NO

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Multiple Parcel Form L# L1847543

Parcel Tracking Number	Infrared Thermometer ID	Temperature Reading (°C)	Correction Factor (°C)	Corrected Temperature (°C)	Custody Seal Intact
SWA	IRA9	0.8	+0.4	1.2	(Yes) / No / Not Present
SWA	IRA9	1.0	+0.4	1.4	(Yes) / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present

Carol Burchfield
Name

4/13/25
Date