ANALYTICAL REPORT

April 14, 2025

Pace Analytical Services, LLC
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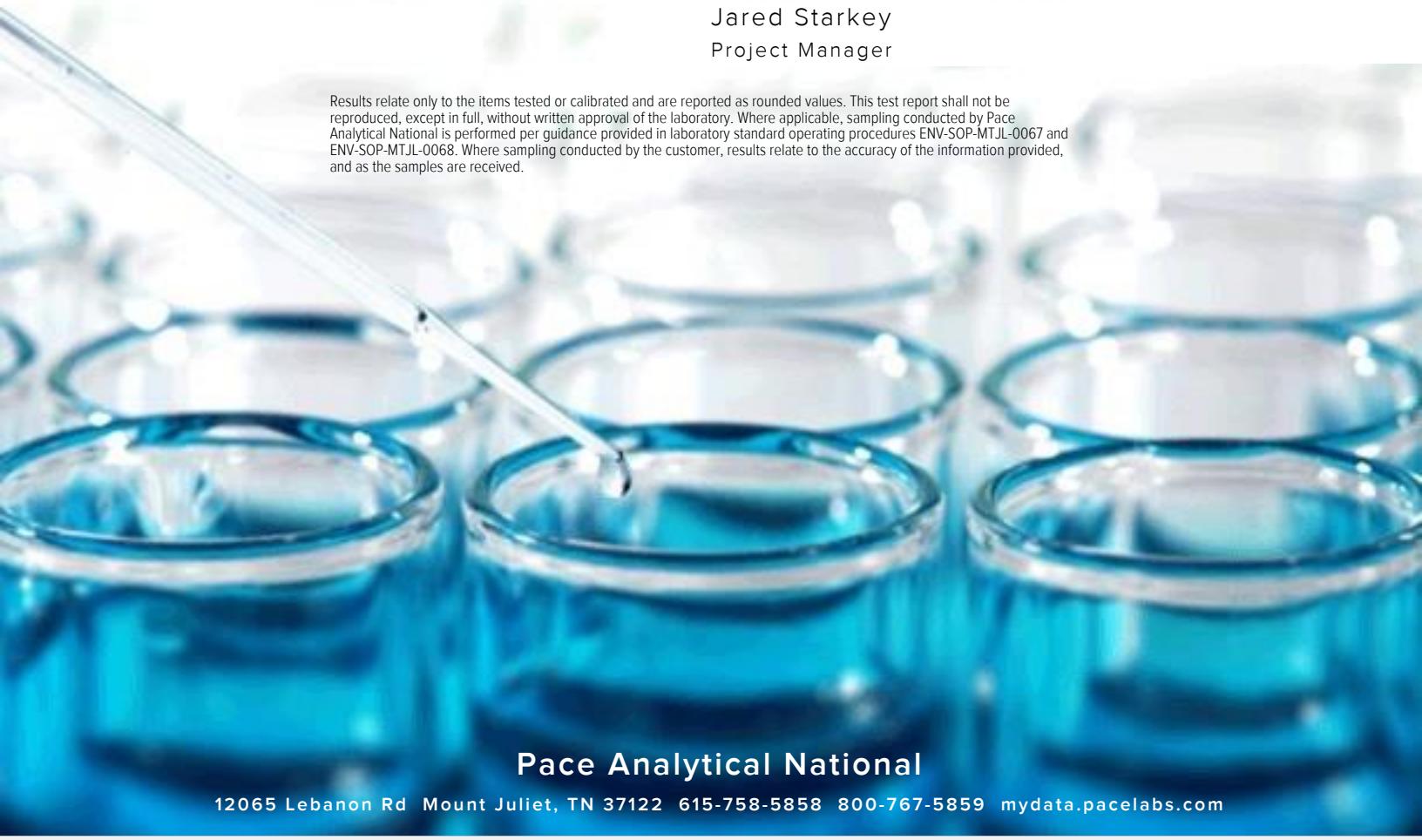
CTEH - ER

Sample Delivery Group:	L1847545
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-C L1847545-01 Solid

Collected by: L. Howes | Collected date/time: 04/12/25 08:36 | 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 16:55	04/14/25 10:04	EKB	Mt. Juliet, TN
Mercury by Method 7471B	WG2489631	1	04/13/25 16:55	04/13/25 19:22	AKB	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2489658	1	04/13/25 18:00	04/13/25 22:55	MAP	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2489566	1	04/13/25 13:45	04/13/25 19:04	NCD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2489584	1	04/13/25 13:45	04/13/25 21:38	WHS	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2489494	1	04/13/25 17:24	04/13/25 23:56	TJD	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2489487	1	04/13/25 19:39	04/14/25 09:57	LS	Mt. Juliet, TN

GACO0412D002-C L1847545-02 Solid

Collected by: L. Howes | Collected date/time: 04/12/25 08:53 | 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 16:55	04/14/25 10:21	EKB	Mt. Juliet, TN
Mercury by Method 7471B	WG2489631	1	04/13/25 16:55	04/13/25 19:24	AKB	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2489658	1	04/13/25 18:00	04/13/25 22:57	MAP	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2489566	1	04/13/25 13:45	04/13/25 19:27	NCD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2489584	1	04/13/25 13:45	04/13/25 21:58	WHS	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2489494	5	04/13/25 17:24	04/14/25 00:21	TJD	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2489487	1	04/13/25 19:39	04/14/25 12:18	LS	Mt. Juliet, TN

GACO0412D003-C L1847545-03 Solid

Collected by: L. Howes | Collected date/time: 04/12/25 09:10 | 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	WG2489514	1	04/13/25 13:27	04/13/25 13:29	KDW	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2489638	1	04/13/25 17:01	04/14/25 12:37	ANW	Mt. Juliet, TN
Mercury by Method 7471B	WG2489631	1	04/13/25 16:55	04/13/25 19:27	AKB	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2489658	1	04/13/25 18:00	04/13/25 22:58	MAP	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2489566	1	04/13/25 13:45	04/13/25 19:51	NCD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2489596	1	04/13/25 13:45	04/13/25 16:44	WHS	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2489494	1	04/13/25 17:24	04/14/25 00:55	TJD	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2489487	1	04/13/25 19:39	04/14/25 14:09	LS	Mt. Juliet, TN

GACO0412D004-C L1847545-04 Solid

Collected by: L. Howes | Collected date/time: 04/12/25 09:23 | 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	WG2489514	1	04/13/25 13:27	04/13/25 13:29	KDW	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2489638	1	04/13/25 17:01	04/14/25 12:55	ANW	Mt. Juliet, TN
Mercury by Method 7471B	WG2489631	1	04/13/25 16:55	04/13/25 19:35	AKB	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2489658	1	04/13/25 18:00	04/13/25 23:00	MAP	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2489566	1	04/13/25 13:45	04/13/25 20:15	NCD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2489596	1	04/13/25 13:45	04/13/25 17:04	WHS	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2489494	1	04/13/25 17:24	04/14/25 01:33	TJD	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2489487	1	04/13/25 19:39	04/14/25 11:57	LS	Mt. Juliet, TN

GACO0412D005-C L1847545-05 Solid

Collected by: L. Howes | Collected date/time: 04/12/25 09:40 | 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	WG2489514	1	04/13/25 13:27	04/13/25 13:29	KDW	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2489638	1	04/13/25 17:01	04/14/25 13:04	ANW	Mt. Juliet, TN
Mercury by Method 7471B	WG2489631	1	04/13/25 16:55	04/13/25 19:37	AKB	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2489658	1	04/13/25 18:00	04/13/25 23:02	MAP	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2489567	1	04/13/25 13:45	04/13/25 17:54	NCD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2489596	1	04/13/25 13:45	04/13/25 17:23	WHS	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2489494	1	04/13/25 17:24	04/14/25 01:08	TJD	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2489487	1	04/13/25 19:39	04/14/25 11:27	LS	Mt. Juliet, TN

GACO0412D006-C L1847545-06 Solid

Collected by: L. Howes | Collected date/time: 04/12/25 09:51 | 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	WG2489514	1	04/13/25 13:27	04/13/25 13:29	KDW	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2489638	1	04/13/25 17:01	04/14/25 13:13	ANW	Mt. Juliet, TN
Mercury by Method 7471B	WG2489631	1	04/13/25 16:55	04/13/25 19:39	AKB	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2489658	1	04/13/25 18:00	04/13/25 23:04	MAP	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2489567	1	04/13/25 13:45	04/13/25 18:26	NCD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2489596	1	04/13/25 13:45	04/13/25 17:42	WHS	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2489494	1	04/13/25 17:24	04/14/25 00:43	TJD	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2489487	1	04/13/25 19:39	04/14/25 09:54	LS	Mt. Juliet, TN

GACO0412D007-C L1847545-07 Solid

Collected by: L. Howes | Collected date/time: 04/12/25 10:01 | 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	WG2489514	1	04/13/25 13:27	04/13/25 13:29	KDW	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2489638	1	04/13/25 17:01	04/14/25 13:22	ANW	Mt. Juliet, TN
Mercury by Method 7471B	WG2489631	1	04/13/25 16:55	04/13/25 19:41	AKB	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2489658	1	04/13/25 18:00	04/13/25 21:47	MAP	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2489567	1	04/13/25 13:45	04/13/25 18:55	NCD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2489596	1	04/13/25 13:45	04/13/25 18:02	WHS	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2489494	1	04/13/25 17:24	04/13/25 22:42	TJD	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2489487	1	04/13/25 19:39	04/14/25 10:35	LS	Mt. Juliet, TN

GACO0412D008-C L1847545-08 Solid

Collected by: L. Howes | Collected date/time: 04/12/25 10:16 | 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	WG2489514	1	04/13/25 13:27	04/13/25 13:29	KDW	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2489638	1	04/13/25 17:01	04/14/25 13:31	ANW	Mt. Juliet, TN
Mercury by Method 7471B	WG2489631	1	04/13/25 16:55	04/13/25 19:44	AKB	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2489697	1	04/13/25 20:28	04/13/25 23:23	MAP	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2489567	1	04/13/25 13:45	04/13/25 19:17	NCD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2489596	1	04/13/25 13:45	04/13/25 18:21	WHS	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2489494	1	04/13/25 17:24	04/13/25 22:55	TJD	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2489487	1	04/13/25 19:39	04/14/25 10:56	LS	Mt. Juliet, TN

GACO0412D009-C L1847545-09 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	WG2489514	1	04/13/25 13:27	04/13/25 13:29	KDW	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2489638	1	04/13/25 17:01	04/14/25 13:40	ANW	Mt. Juliet, TN
Mercury by Method 7471B	WG2489631	1	04/13/25 16:55	04/13/25 19:46	AKB	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2489697	1	04/13/25 20:28	04/13/25 23:25	MAP	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2489567	1	04/13/25 13:45	04/13/25 19:41	NCD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2489596	1	04/13/25 13:45	04/13/25 18:41	WHS	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2489494	1	04/13/25 17:24	04/13/25 23:07	TJD	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2489487	1	04/13/25 19:39	04/14/25 11:16	LS	Mt. Juliet, TN

GACO0412D010-C L1847545-10 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	WG2489514	1	04/13/25 13:27	04/13/25 13:29	KDW	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2489638	1	04/13/25 17:01	04/14/25 14:07	ANW	Mt. Juliet, TN
Mercury by Method 7471B	WG2489631	1	04/13/25 16:55	04/13/25 19:48	AKB	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2489697	1	04/13/25 20:28	04/13/25 23:26	MAP	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2489567	1	04/13/25 13:45	04/13/25 20:04	NCD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2489596	1	04/13/25 13:45	04/13/25 19:00	WHS	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2489494	1	04/13/25 17:24	04/14/25 00:09	TJD	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2489487	1	04/13/25 19:39	04/14/25 11:37	LS	Mt. Juliet, TN

GACO0412C010-C L1847545-11 Solid

Collected by: L. Howes | Collected date/time: 04/12/25 10:49 | 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	WG2489514	1	04/13/25 13:27	04/13/25 13:29	KDW	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2489638	1	04/13/25 17:01	04/14/25 14:16	ANW	Mt. Juliet, TN
Mercury by Method 7471B	WG2489637	1	04/13/25 17:01	04/13/25 20:55	AKB	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2489697	1	04/13/25 20:28	04/13/25 23:32	MAP	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2489567	1	04/13/25 13:45	04/13/25 20:27	NCD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2489596	1	04/13/25 13:45	04/13/25 19:19	WHS	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2489494	1	04/13/25 17:24	04/13/25 23:20	TJD	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2489487	1	04/13/25 19:39	04/14/25 12:59	LS	Mt. Juliet, TN

GACO0412D011-C L1847545-12 Solid

Collected by: L. Howes | Collected date/time: 04/12/25 11:06 | 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	WG2489514	1	04/13/25 13:27	04/13/25 13:29	KDW	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2489638	1	04/13/25 17:01	04/14/25 14:25	ANW	Mt. Juliet, TN
Mercury by Method 7471B	WG2489631	1	04/13/25 16:55	04/13/25 19:51	AKB	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2489697	1	04/13/25 20:28	04/13/25 23:34	MAP	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2489567	1	04/13/25 13:45	04/13/25 20:50	NCD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2489596	1	04/13/25 13:45	04/13/25 19:39	WHS	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2489494	1	04/13/25 20:38	04/13/25 23:32	TJD	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2489487	1	04/13/25 21:57	04/14/25 12:39	LS	Mt. Juliet, TN

GACO0412D012-C L1847545-13 Solid

Collected by: L. Howes | Collected date/time: 04/12/25 11:20 | 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	WG2489515	1	04/13/25 13:23	04/13/25 13:24	KDW	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2489638	1	04/13/25 17:01	04/14/25 14:34	ANW	Mt. Juliet, TN
Mercury by Method 7471B	WG2489631	1	04/13/25 16:55	04/13/25 19:53	AKB	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2489697	1	04/13/25 20:28	04/13/25 23:36	MAP	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2489567	1	04/13/25 13:45	04/13/25 21:14	NCD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2489596	1	04/13/25 13:45	04/13/25 19:58	WHS	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2489495	1	04/13/25 21:46	04/13/25 23:07	TJD	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2489488	1	04/13/25 21:05	04/14/25 16:18	LS	Mt. Juliet, TN

GACO0412D013-C L1847545-14 Solid

Collected by: L. Howes | Collected date/time: 04/12/25 11:31 | 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	WG2489515	1	04/13/25 13:23	04/13/25 13:24	KDW	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2489638	1	04/13/25 17:01	04/14/25 14:52	ANW	Mt. Juliet, TN
Mercury by Method 7471B	WG2489631	1	04/13/25 16:55	04/13/25 19:55	AKB	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2489697	1	04/13/25 20:28	04/13/25 23:37	MAP	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2489567	1	04/13/25 13:45	04/13/25 21:37	NCD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2489596	1	04/13/25 13:45	04/13/25 20:17	WHS	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2489495	1	04/13/25 21:46	04/13/25 23:20	TJD	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2489488	1	04/13/25 21:05	04/14/25 16:39	LS	Mt. Juliet, TN

GACO0412D014-C L1847545-15 Solid

Collected by: L. Howes | Collected date/time: 04/12/25 11:35 | 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	WG2489515	1	04/13/25 13:23	04/13/25 13:24	KDW	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2489638	1	04/13/25 17:01	04/14/25 15:01	ANW	Mt. Juliet, TN
Mercury by Method 7471B	WG2489631	1	04/13/25 16:55	04/13/25 20:03	AKB	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2489697	1	04/13/25 20:28	04/13/25 23:39	MAP	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2489588	1	04/13/25 15:14	04/14/25 05:26	ADM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2489596	1	04/13/25 15:14	04/13/25 20:37	WHS	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2489495	1	04/13/25 21:46	04/13/25 23:32	TJD	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2489488	1	04/13/25 21:05	04/14/25 14:06	LS	Mt. Juliet, TN

GACO0412D015-C L1847545-16 Solid

Collected by: L. Howes | Collected date/time: 04/12/25 11:45 | 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	WG2489515	1	04/13/25 13:23	04/13/25 13:24	KDW	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2489638	1	04/13/25 17:01	04/14/25 15:10	ANW	Mt. Juliet, TN
Mercury by Method 7471B	WG2489631	1	04/13/25 16:55	04/13/25 20:05	AKB	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2489697	1	04/13/25 20:28	04/13/25 23:41	MAP	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2489588	1	04/13/25 15:14	04/14/25 05:49	ADM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2489596	1	04/13/25 15:14	04/13/25 20:56	WHS	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2489495	1	04/13/25 21:46	04/13/25 23:44	TJD	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2489488	1	04/13/25 21:05	04/14/25 14:26	LS	Mt. Juliet, TN

GACO0412D016-C L1847545-17 Solid

Collected by: L. Howes | Collected date/time: 04/12/25 12:00 | 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	WG2489515	1	04/13/25 13:23	04/13/25 13:24	KDW	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2489638	1	04/13/25 17:01	04/14/25 15:19	ANW	Mt. Juliet, TN
Mercury by Method 7471B	WG2489631	1	04/13/25 16:55	04/13/25 20:07	AKB	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2489697	1	04/13/25 20:28	04/13/25 23:43	MAP	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2489588	1	04/13/25 15:14	04/14/25 06:12	ADM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2489596	1	04/13/25 15:14	04/13/25 21:15	WHS	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2489495	1	04/13/25 21:46	04/13/25 23:56	TJD	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2489488	1	04/13/25 21:05	04/14/25 14:47	LS	Mt. Juliet, TN

GACO0412D017-C L1847545-18 Solid

Collected by: L. Howes | Collected date/time: 04/12/25 12:09 | 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	WG2489515	1	04/13/25 13:23	04/13/25 13:24	KDW	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2489638	1	04/13/25 17:01	04/14/25 15:28	ANW	Mt. Juliet, TN
Mercury by Method 7471B	WG2489631	1	04/13/25 16:55	04/13/25 20:10	AKB	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2489697	1	04/13/25 20:28	04/13/25 23:45	MAP	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2489588	1	04/13/25 15:14	04/14/25 06:38	ADM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2489596	1	04/13/25 15:14	04/13/25 21:35	WHS	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2489495	1	04/13/25 21:46	04/14/25 00:09	TJD	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2489488	1	04/13/25 21:05	04/14/25 15:08	LS	Mt. Juliet, TN

GACO0412D018-C L1847545-19 Solid

Collected by: L. Howes | Collected date/time: 04/12/25 12:17 | 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	WG2489515	1	04/13/25 13:23	04/13/25 13:24	KDW	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2489638	1	04/13/25 17:01	04/14/25 15:55	ANW	Mt. Juliet, TN
Mercury by Method 7471B	WG2489631	1	04/13/25 16:55	04/13/25 20:12	AKB	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2489697	1	04/13/25 20:28	04/13/25 23:47	MAP	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2489588	1	04/13/25 15:14	04/14/25 07:07	ADM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2489596	1	04/13/25 15:14	04/13/25 21:54	WHS	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2489495	1	04/13/25 21:46	04/14/25 00:21	TJD	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2489488	1	04/13/25 21:05	04/14/25 15:28	LS	Mt. Juliet, TN

GACO0412D019-C L1847545-20 Solid

Collected by: L. Howes | Collected date/time: 04/12/25 12:37 | 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	WG2489515	1	04/13/25 13:23	04/13/25 13:24	KDW	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2489638	1	04/13/25 17:01	04/14/25 16:04	ANW	Mt. Juliet, TN
Mercury by Method 7471B	WG2489631	1	04/13/25 16:55	04/13/25 20:14	AKB	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2489697	1	04/13/25 20:28	04/13/25 23:49	MAP	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2489588	1	04/13/25 15:14	04/14/25 07:31	ADM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2489596	1	04/13/25 15:14	04/13/25 22:14	WHS	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2489495	1	04/13/25 21:46	04/14/25 01:11	TJD	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2489488	1	04/13/25 21:05	04/14/25 15:49	LS	Mt. Juliet, TN

GACO0412D020-C L1847545-21 Solid

Collected by: L. Howes | Collected date/time: 04/12/25 12:52 | 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	WG2489515	1	04/13/25 13:23	04/13/25 13:24	KDW	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2489638	1	04/13/25 17:01	04/14/25 16:13	ANW	Mt. Juliet, TN
Mercury by Method 7471B	WG2489631	1	04/13/25 16:55	04/13/25 19:12	AKB	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2489697	1	04/13/25 20:28	04/13/25 23:13	MAP	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2489588	1	04/13/25 15:14	04/14/25 07:55	ADM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2489596	1	04/13/25 15:14	04/13/25 22:33	WHS	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2489495	1	04/13/25 21:46	04/14/25 00:33	TJD	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2489488	1	04/13/25 21:05	04/14/25 15:14	LS	Mt. Juliet, TN

GACO0412C020-C L1847545-22 Solid

Collected by: L. Howes | Collected date/time: 04/12/25 12:58 | 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	WG2489515	1	04/13/25 13:23	04/13/25 13:24	KDW	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2489638	1	04/13/25 17:01	04/14/25 16:57	ANW	Mt. Juliet, TN
Mercury by Method 7471B	WG2489637	1	04/13/25 17:01	04/13/25 21:03	AKB	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2489697	1	04/13/25 20:28	04/13/25 23:54	MAP	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2489588	1	04/13/25 15:14	04/14/25 08:26	ADM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2489596	1	04/13/25 15:14	04/13/25 22:53	WHS	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2489495	1	04/13/25 21:46	04/14/25 01:23	TJD	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2489488	1	04/13/25 21:05	04/14/25 16:09	LS	Mt. Juliet, TN

GACO0412005 L1847545-27 GW

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

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2489586	1	04/13/25 17:18	04/13/25 17:18	WHS	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
WG2489658	(MS) R4199016-5	Aluminum, Antimony, Potassium and Zinc
WG2489697	(MS) R4199017-5, (MSD) R4199017-6, L1847545-21	Iron and Manganese

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

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

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

Batch	Lab Sample ID	Analytes
WG2489658	(MSD) R4199016-6	Manganese
WG2489697	(MSD) R4199017-6, L1847545-21	Calcium

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

The same analyte is found in the associated blank.

Batch	Analyte	Lab Sample ID
WG2489566	TPH (GC/FID) Low Fraction	L1847545-02, 04
WG2489567	TPH (GC/FID) Low Fraction	L1847545-05, 06, 07, 08, 09, 10, 11, 12, 13, 14
WG2489588	TPH (GC/FID) Low Fraction	L1847545-15, 16, 17, 18, 19, 20, 21, 22

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	L1847545-01	1,1,2,2-Tetrachloroethane, 1,1-Dichloroethene, Bromomethane, Chloroethane, Chloromethane, Dichlorodifluoromethane, Methylene Chloride, trans-1,2-Dichloroethene and Vinyl chloride
WG2489584	L1847545-02	1,1,2,2-Tetrachloroethane, 1,1-Dichloroethene, Bromomethane, Chloroethane, Chloromethane, Dichlorodifluoromethane, Methylene Chloride, trans-1,2-Dichloroethene and Vinyl chloride
WG2489586	L1847545-27	Acrolein, cis-1,3-Dichloropropene and Naphthalene
WG2489596	L1847545-03	Dichlorodifluoromethane
WG2489596	L1847545-04	Dichlorodifluoromethane
WG2489596	L1847545-05	Dichlorodifluoromethane
WG2489596	L1847545-06	Dichlorodifluoromethane
WG2489596	L1847545-07	Dichlorodifluoromethane
WG2489596	L1847545-08	Dichlorodifluoromethane
WG2489596	L1847545-09	Dichlorodifluoromethane
WG2489596	L1847545-10	Dichlorodifluoromethane
WG2489596	L1847545-11	Dichlorodifluoromethane
WG2489596	L1847545-12	Dichlorodifluoromethane
WG2489596	L1847545-13	Dichlorodifluoromethane
WG2489596	L1847545-14	Dichlorodifluoromethane
WG2489596	L1847545-15	Dichlorodifluoromethane
WG2489596	L1847545-16	Dichlorodifluoromethane
WG2489596	L1847545-17	Dichlorodifluoromethane
WG2489596	L1847545-18	Dichlorodifluoromethane
WG2489596	L1847545-19	Dichlorodifluoromethane
WG2489596	L1847545-20	Dichlorodifluoromethane
WG2489596	L1847545-21	Dichlorodifluoromethane
WG2489596	L1847545-22	Dichlorodifluoromethane

The same analyte is found in the associated blank.

Batch	Analyte	Lab Sample ID
WG2489584	Toluene	L1847545-01, 02
WG2489596	Chloroform	L1847545-05, 07, 08, 12, 18, 19
WG2489596	cis-1,2-Dichloroethene	L1847545-03, 05, 06, 07
WG2489596	Toluene	L1847545-03, 04, 05, 06, 07, 08, 09, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22

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

Batch	Lab Sample ID	Analytes
WG2489584	(LCS) R4199022-1, L1847545-01, 02	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, L1847545-01, 02	Bromomethane, Chloroethane and Vinyl chloride
WG2489586	(LCS) R4198906-1, L1847545-27	cis-1,3-Dichloropropene

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

Batch	Lab Sample ID	Analytes
WG2489586	(LCSD) R4198906-2, L1847545-27	Trichlorofluoromethane

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

Batch	Lab Sample ID	Analytes
WG2489596	(MSD) R4199021-5, L1847545-21	Acetone

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

Batch	Lab Sample ID	Analytes
WG2489596	(MSD) R4199021-5, L1847545-21	Acetone, Acrylonitrile, Bromomethane, Chloroethane and Vinyl chloride

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
WG2489487	L1847545-01	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	L1847545-02	2,2-Oxybis(1-Chloropropane), 2,4-Dimethylphenol and Bis(2-chloroethyl)ether
WG2489487	L1847545-03	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	L1847545-04	2,2-Oxybis(1-Chloropropane), 2,4-Dimethylphenol and Bis(2-chloroethyl)ether
WG2489487	L1847545-05	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	L1847545-06	2,2-Oxybis(1-Chloropropane), 2,4-Dimethylphenol and Bis(2-chloroethyl)ether
WG2489487	L1847545-07	2,2-Oxybis(1-Chloropropane), 2,4-Dimethylphenol and Bis(2-chloroethyl)ether
WG2489487	L1847545-08	2,2-Oxybis(1-Chloropropane), 2,4-Dimethylphenol and Bis(2-chloroethyl)ether
WG2489487	L1847545-09	2,2-Oxybis(1-Chloropropane), 2,4-Dimethylphenol and Bis(2-chloroethyl)ether
WG2489487	L1847545-10	2,2-Oxybis(1-Chloropropane), 2,4-Dimethylphenol and Bis(2-chloroethyl)ether
WG2489487	L1847545-11	2,2-Oxybis(1-Chloropropane), 2,4-Dimethylphenol and Bis(2-chloroethyl)ether
WG2489487	L1847545-12	2,2-Oxybis(1-Chloropropane), 2,4-Dimethylphenol and Bis(2-chloroethyl)ether
WG2489488	L1847545-15	2,2-Oxybis(1-Chloropropane), 2,4-Dimethylphenol and Bis(2-chloroethyl)ether
WG2489488	L1847545-16	2,2-Oxybis(1-Chloropropane), 2,4-Dimethylphenol and Bis(2-chloroethyl)ether
WG2489488	L1847545-17	2,2-Oxybis(1-Chloropropane), 2,4-Dimethylphenol and Bis(2-chloroethyl)ether
WG2489488	L1847545-18	2,2-Oxybis(1-Chloropropane), 2,4-Dimethylphenol and Bis(2-chloroethyl)ether
WG2489488	L1847545-19	2,2-Oxybis(1-Chloropropane), 2,4-Dimethylphenol and Bis(2-chloroethyl)ether
WG2489488	L1847545-20	2,2-Oxybis(1-Chloropropane), 2,4-Dimethylphenol and Bis(2-chloroethyl)ether
WG2489488	L1847545-21	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
WG2489488	L1847545-22	2,2-Oxybis(1-Chloropropane), 2,4-Dimethylphenol and Bis(2-chloroethyl)ether

The initial calibration verification standard (SSCV) associated with this data responded high.

Batch	Lab Sample ID	Analytes
WG2489487	L1847545-02	Benzidine and Hexachlorocyclopentadiene
WG2489487	L1847545-04	Benzidine and Hexachlorocyclopentadiene
WG2489487	L1847545-06	Benzidine and Hexachlorocyclopentadiene
WG2489487	L1847545-07	Benzidine and Hexachlorocyclopentadiene
WG2489487	L1847545-08	Benzidine and Hexachlorocyclopentadiene
WG2489487	L1847545-09	Benzidine and Hexachlorocyclopentadiene
WG2489487	L1847545-10	Benzidine and Hexachlorocyclopentadiene
WG2489487	L1847545-11	Benzidine and Hexachlorocyclopentadiene
WG2489487	L1847545-12	Benzidine and Hexachlorocyclopentadiene
WG2489488	L1847545-13	Hexachlorocyclopentadiene
WG2489488	L1847545-14	Hexachlorocyclopentadiene
WG2489488	L1847545-15	Benzidine and Hexachlorocyclopentadiene
WG2489488	L1847545-16	Benzidine and Hexachlorocyclopentadiene
WG2489488	L1847545-17	Benzidine and Hexachlorocyclopentadiene
WG2489488	L1847545-18	Benzidine and Hexachlorocyclopentadiene
WG2489488	L1847545-19	Benzidine and Hexachlorocyclopentadiene
WG2489488	L1847545-20	Benzidine and Hexachlorocyclopentadiene
WG2489488	L1847545-22	Benzidine and Hexachlorocyclopentadiene

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

Batch	Lab Sample ID	Analytes
WG2489488	(MS) R4199391-1, (MSD) R4199391-2, L1847545-21	Hexachlorocyclopentadiene

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	99.2		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		382	1010	1	04/14/2025 10:04	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		20.8	40.3	1	04/13/2025 19:22	WG2489631

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	411000		6130	20200	1	04/13/2025 22:55	WG2489658
Antimony	U		696	2020	1	04/13/2025 22:55	WG2489658
Arsenic	U		844	2020	1	04/13/2025 22:55	WG2489658
Barium	9340		85.7	504	1	04/13/2025 22:55	WG2489658
Beryllium	59.5	J	48.1	202	1	04/13/2025 22:55	WG2489658
Cadmium	U		65.8	504	1	04/13/2025 22:55	WG2489658
Calcium	1920000		19100	101000	1	04/13/2025 22:55	WG2489658
Chromium	630	J	216	1010	1	04/13/2025 22:55	WG2489658
Cobalt	627	J	178	1010	1	04/13/2025 22:55	WG2489658
Copper	775	J	360	2020	1	04/13/2025 22:55	WG2489658
Iron	1630000		2260	10100	1	04/13/2025 22:55	WG2489658
Lead	1870		329	504	1	04/13/2025 22:55	WG2489658
Magnesium	260000		20100	101000	1	04/13/2025 22:55	WG2489658
Manganese	44700		174	1010	1	04/13/2025 22:55	WG2489658
Nickel	753	J	202	2020	1	04/13/2025 22:55	WG2489658
Potassium	112000		21100	101000	1	04/13/2025 22:55	WG2489658
Selenium	U		1080	2020	1	04/13/2025 22:55	WG2489658
Silver	U		128	1010	1	04/13/2025 22:55	WG2489658
Sodium	U		41500	101000	1	04/13/2025 22:55	WG2489658
Thallium	U		522	2020	1	04/13/2025 22:55	WG2489658
Vanadium	2540		386	2020	1	04/13/2025 22:55	WG2489658
Zinc	4750	J	982	5040	1	04/13/2025 22:55	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	U		21.9	101	1	04/13/2025 19:04	WG2489566
(S) a,a,a-Trifluorotoluene(FID)	*98.8*			*77.0-120*		*04/13/2025 19:04*	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		37.1	50.8	1	04/13/2025 21:38	WG2489584
Acrylonitrile	U		3.67	12.7	1	04/13/2025 21:38	WG2489584
Benzene	U		0.474	1.02	1	04/13/2025 21:38	WG2489584
Bromobenzene	U		0.914	12.7	1	04/13/2025 21:38	WG2489584
Bromodichloromethane	U		0.736	2.54	1	04/13/2025 21:38	WG2489584
Bromoform	U		1.19	25.4	1	04/13/2025 21:38	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	2.00	12.7	1	04/13/2025 21:38	WG2489584
n-Butylbenzene	U		5.33	12.7	1	04/13/2025 21:38	WG2489584
sec-Butylbenzene	U		2.93	12.7	1	04/13/2025 21:38	WG2489584
tert-Butylbenzene	U		1.98	5.08	1	04/13/2025 21:38	WG2489584
Carbon tetrachloride	U		0.912	5.08	1	04/13/2025 21:38	WG2489584
Chlorobenzene	U		0.213	2.54	1	04/13/2025 21:38	WG2489584
Chlorodibromomethane	U		0.622	2.54	1	04/13/2025 21:38	WG2489584
Chloroethane	U	C3 J4	1.73	5.08	1	04/13/2025 21:38	WG2489584
Chloroform	U		1.05	2.54	1	04/13/2025 21:38	WG2489584
Chloromethane	U	C3	4.42	12.7	1	04/13/2025 21:38	WG2489584
2-Chlorotoluene	U		0.879	2.54	1	04/13/2025 21:38	WG2489584
4-Chlorotoluene	U		0.457	5.08	1	04/13/2025 21:38	WG2489584
1,2-Dibromo-3-Chloropropane	U		3.96	25.4	1	04/13/2025 21:38	WG2489584
1,2-Dibromoethane	U		0.658	2.54	1	04/13/2025 21:38	WG2489584
Dibromomethane	U		0.762	5.08	1	04/13/2025 21:38	WG2489584
1,2-Dichlorobenzene	U		0.432	5.08	1	04/13/2025 21:38	WG2489584
1,3-Dichlorobenzene	U		0.609	5.08	1	04/13/2025 21:38	WG2489584
1,4-Dichlorobenzene	U		0.711	5.08	1	04/13/2025 21:38	WG2489584
Dichlorodifluoromethane	U	C3	1.64	5.08	1	04/13/2025 21:38	WG2489584
1,1-Dichloroethane	U		0.499	2.54	1	04/13/2025 21:38	WG2489584
1,2-Dichloroethane	0.930	J	0.659	2.54	1	04/13/2025 21:38	WG2489584
1,1-Dichloroethene	U	C3	0.615	2.54	1	04/13/2025 21:38	WG2489584
cis-1,2-Dichloroethene	U		0.745	2.54	1	04/13/2025 21:38	WG2489584
trans-1,2-Dichloroethene	U	C3	1.06	5.08	1	04/13/2025 21:38	WG2489584
1,2-Dichloropropane	U		1.44	5.08	1	04/13/2025 21:38	WG2489584
1,1-Dichloropropene	U		0.822	2.54	1	04/13/2025 21:38	WG2489584
1,3-Dichloropropane	U		0.509	5.08	1	04/13/2025 21:38	WG2489584
cis-1,3-Dichloropropene	U		0.769	2.54	1	04/13/2025 21:38	WG2489584
trans-1,3-Dichloropropene	U		1.16	5.08	1	04/13/2025 21:38	WG2489584
2,2-Dichloropropane	U		1.40	2.54	1	04/13/2025 21:38	WG2489584
Di-isopropyl ether	U		0.416	1.02	1	04/13/2025 21:38	WG2489584
Ethylbenzene	U		0.749	2.54	1	04/13/2025 21:38	WG2489584
Hexachloro-1,3-butadiene	U		6.09	25.4	1	04/13/2025 21:38	WG2489584
Isopropylbenzene	U		0.432	2.54	1	04/13/2025 21:38	WG2489584
p-Isopropyltoluene	U		2.59	5.08	1	04/13/2025 21:38	WG2489584
2-Butanone (MEK)	U		64.5	102	1	04/13/2025 21:38	WG2489584
Methylene Chloride	U	C3	6.74	25.4	1	04/13/2025 21:38	WG2489584
4-Methyl-2-pentanone (MIBK)	U		2.32	25.4	1	04/13/2025 21:38	WG2489584
Methyl tert-butyl ether	U		0.355	1.02	1	04/13/2025 21:38	WG2489584
Naphthalene	U		4.96	12.7	1	04/13/2025 21:38	WG2489584
n-Propylbenzene	U		0.965	5.08	1	04/13/2025 21:38	WG2489584
Styrene	U		0.233	12.7	1	04/13/2025 21:38	WG2489584
1,1,1,2-Tetrachloroethane	U		0.963	2.54	1	04/13/2025 21:38	WG2489584
1,1,2,2-Tetrachloroethane	U	C3	0.706	2.54	1	04/13/2025 21:38	WG2489584
1,1,2-Trichlorotrifluoroethane	U		0.766	2.54	1	04/13/2025 21:38	WG2489584
Tetrachloroethene	U		0.910	2.54	1	04/13/2025 21:38	WG2489584
Toluene	3.45	B J	1.32	5.08	1	04/13/2025 21:38	WG2489584
1,2,3-Trichlorobenzene	U	J4	7.44	12.7	1	04/13/2025 21:38	WG2489584
1,2,4-Trichlorobenzene	U		4.47	12.7	1	04/13/2025 21:38	WG2489584
1,1,1-Trichloroethane	U		0.937	2.54	1	04/13/2025 21:38	WG2489584
1,1,2-Trichloroethane	U		0.606	2.54	1	04/13/2025 21:38	WG2489584
Trichloroethene	U		0.593	1.02	1	04/13/2025 21:38	WG2489584
Trichlorofluoromethane	U		0.840	2.54	1	04/13/2025 21:38	WG2489584
1,2,3-Trichloropropane	U		1.65	12.7	1	04/13/2025 21:38	WG2489584
1,2,4-Trimethylbenzene	U		1.60	5.08	1	04/13/2025 21:38	WG2489584
1,2,3-Trimethylbenzene	U		1.60	5.08	1	04/13/2025 21:38	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		2.03	5.08	1	04/13/2025 21:38	WG2489584
Vinyl chloride	U	C3 J4	1.18	2.54	1	04/13/2025 21:38	WG2489584
Xylenes, Total	U		0.894	6.60	1	04/13/2025 21:38	WG2489584
(S) Toluene-d8	*119*			*75.0-131*		*04/13/2025 21:38*	WG2489584
(S) 4-Bromofluorobenzene	*93.0*			*67.0-138*		*04/13/2025 21:38*	WG2489584
(S) 1,2-Dichloroethane-d4	*105*			*70.0-130*		*04/13/2025 21:38*	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	5700		1620	4030	1	04/13/2025 23:56	WG2489494
C28-C36 Motor Oil Range	7870		276	4030	1	04/13/2025 23:56	WG2489494
(S) o-Terphenyl	*65.1*			*18.0-148*		*04/13/2025 23:56*	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		5.43	33.6	1	04/14/2025 09:57	WG2489487
Acenaphthylene	U		4.73	33.6	1	04/14/2025 09:57	WG2489487
Anthracene	U		5.98	33.6	1	04/14/2025 09:57	WG2489487
Benzidine	U		63.1	1680	1	04/14/2025 09:57	WG2489487
Benzo(a)anthracene	U		5.92	33.6	1	04/14/2025 09:57	WG2489487
Benzo(b)fluoranthene	U		6.26	33.6	1	04/14/2025 09:57	WG2489487
Benzo(k)fluoranthene	U		5.97	33.6	1	04/14/2025 09:57	WG2489487
Benzo(g,h,i)perylene	U		6.14	33.6	1	04/14/2025 09:57	WG2489487
Benzo(a)pyrene	12.5	J	6.24	33.6	1	04/14/2025 09:57	WG2489487
Bis(2-chlorethoxy)methane	U		10.1	336	1	04/14/2025 09:57	WG2489487
Bis(2-chloroethyl)ether	U	C3	11.1	336	1	04/14/2025 09:57	WG2489487
2,2-Oxybis(1-Chloropropane)	U		14.5	336	1	04/14/2025 09:57	WG2489487
4-Bromophenyl-phenylether	U		11.8	336	1	04/14/2025 09:57	WG2489487
2-Chloronaphthalene	U		5.90	33.6	1	04/14/2025 09:57	WG2489487
4-Chlorophenyl-phenylether	U	C3	11.7	336	1	04/14/2025 09:57	WG2489487
Chrysene	U		6.67	33.6	1	04/14/2025 09:57	WG2489487
Dibenz(a,h)anthracene	U		9.30	33.6	1	04/14/2025 09:57	WG2489487
1,2-Dichlorobenzene	U		9.95	336	1	04/14/2025 09:57	WG2489487
1,3-Dichlorobenzene	U		10.2	336	1	04/14/2025 09:57	WG2489487
1,4-Dichlorobenzene	U		9.99	336	1	04/14/2025 09:57	WG2489487
3,3-Dichlorobenzidine	U		12.4	336	1	04/14/2025 09:57	WG2489487
2,4-Dinitrotoluene	U		9.62	336	1	04/14/2025 09:57	WG2489487
2,6-Dinitrotoluene	U		11.0	336	1	04/14/2025 09:57	WG2489487
Fluoranthene	U		6.06	33.6	1	04/14/2025 09:57	WG2489487
Fluorene	U		5.46	33.6	1	04/14/2025 09:57	WG2489487
Hexachlorobenzene	U	C3	11.9	336	1	04/14/2025 09:57	WG2489487
Hexachloro-1,3-butadiene	U	C3	11.3	336	1	04/14/2025 09:57	WG2489487
Hexachlorocyclopentadiene	U		17.6	336	1	04/14/2025 09:57	WG2489487
Hexachloroethane	U		13.2	336	1	04/14/2025 09:57	WG2489487
Indeno(1,2,3-cd)pyrene	U		9.48	33.6	1	04/14/2025 09:57	WG2489487
Isophorone	U		10.3	336	1	04/14/2025 09:57	WG2489487
Naphthalene	U		8.42	33.6	1	04/14/2025 09:57	WG2489487
Nitrobenzene	U		11.7	336	1	04/14/2025 09:57	WG2489487
n-Nitrosodimethylamine	U		49.8	336	1	04/14/2025 09:57	WG2489487
n-Nitrosodiphenylamine	U		25.4	336	1	04/14/2025 09:57	WG2489487
n-Nitrosodi-n-propylamine	U		11.2	336	1	04/14/2025 09:57	WG2489487
Phenanthrene	U		6.66	33.6	1	04/14/2025 09:57	WG2489487
Benzylbutyl phthalate	U		10.5	336	1	04/14/2025 09:57	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		42.5	336	1	04/14/2025 09:57	WG2489487
Di-n-butyl phthalate	U		11.5	336	1	04/14/2025 09:57	WG2489487
Diethyl phthalate	U		11.1	336	1	04/14/2025 09:57	WG2489487
Dimethyl phthalate	U		71.1	336	1	04/14/2025 09:57	WG2489487
Di-n-octyl phthalate	U		22.7	336	1	04/14/2025 09:57	WG2489487
Pyrene	U		6.53	33.6	1	04/14/2025 09:57	WG2489487
1,2,4-Trichlorobenzene	U		10.5	336	1	04/14/2025 09:57	WG2489487
4-Chloro-3-methylphenol	U		10.9	336	1	04/14/2025 09:57	WG2489487
2-Chlorophenol	U		11.1	336	1	04/14/2025 09:57	WG2489487
2,4-Dichlorophenol	U		9.78	336	1	04/14/2025 09:57	WG2489487
2,4-Dimethylphenol	U	C3	8.77	336	1	04/14/2025 09:57	WG2489487
4,6-Dinitro-2-methylphenol	U	C3	76.1	336	1	04/14/2025 09:57	WG2489487
2,4-Dinitrophenol	U	C3	78.5	336	1	04/14/2025 09:57	WG2489487
2-Nitrophenol	U		12.0	336	1	04/14/2025 09:57	WG2489487
4-Nitrophenol	U		10.5	336	1	04/14/2025 09:57	WG2489487
Pentachlorophenol	U	C3	9.03	336	1	04/14/2025 09:57	WG2489487
Phenol	U		13.5	336	1	04/14/2025 09:57	WG2489487
2,4,6-Trichlorophenol	U		10.8	336	1	04/14/2025 09:57	WG2489487
(S) 2-Fluorophenol	*77.4*			*12.0-120*		*04/14/2025 09:57*	WG2489487
(S) Phenol-d5	*70.7*			*10.0-120*		*04/14/2025 09:57*	WG2489487
(S) Nitrobenzene-d5	*63.8*			*10.0-122*		*04/14/2025 09:57*	WG2489487
(S) 2-Fluorobiphenyl	*68.7*			*15.0-120*		*04/14/2025 09:57*	WG2489487
(S) 2,4,6-Tribromophenol	*51.4*			*10.0-127*		*04/14/2025 09:57*	WG2489487
(S) p-Terphenyl-d14	*76.6*			*10.0-120*		*04/14/2025 09:57*	WG2489487

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	94.6		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		401	1060	1	04/14/2025 10:21	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		21.8	42.3	1	04/13/2025 19:24	WG2489631

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	584000		6430	21100	1	04/13/2025 22:57	WG2489658
Antimony	U		731	2110	1	04/13/2025 22:57	WG2489658
Arsenic	1010	J	885	2110	1	04/13/2025 22:57	WG2489658
Barium	11500		89.9	529	1	04/13/2025 22:57	WG2489658
Beryllium	89.6	J	50.4	211	1	04/13/2025 22:57	WG2489658
Cadmium	U		69.0	529	1	04/13/2025 22:57	WG2489658
Calcium	1780000		20100	106000	1	04/13/2025 22:57	WG2489658
Chromium	1030	J	226	1060	1	04/13/2025 22:57	WG2489658
Cobalt	846	J	187	1060	1	04/13/2025 22:57	WG2489658
Copper	1040	J	377	2110	1	04/13/2025 22:57	WG2489658
Iron	2810000		2370	10600	1	04/13/2025 22:57	WG2489658
Lead	2190		345	529	1	04/13/2025 22:57	WG2489658
Magnesium	336000		21000	106000	1	04/13/2025 22:57	WG2489658
Manganese	59400		183	1060	1	04/13/2025 22:57	WG2489658
Nickel	1120	J	211	2110	1	04/13/2025 22:57	WG2489658
Potassium	138000		22100	106000	1	04/13/2025 22:57	WG2489658
Selenium	U		1130	2110	1	04/13/2025 22:57	WG2489658
Silver	U		134	1060	1	04/13/2025 22:57	WG2489658
Sodium	U		43600	106000	1	04/13/2025 22:57	WG2489658
Thallium	U		548	2110	1	04/13/2025 22:57	WG2489658
Vanadium	4010		405	2110	1	04/13/2025 22:57	WG2489658
Zinc	6620		1030	5290	1	04/13/2025 22:57	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	36.3	B J	22.9	106	1	04/13/2025 19:27	WG2489566
(S) a,a,a-Trifluorotoluene(FID)	*99.0*			*77.0-120*		*04/13/2025 19:27*	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		40.7	55.7	1	04/13/2025 21:58	WG2489584
Acrylonitrile	U		4.02	13.9	1	04/13/2025 21:58	WG2489584
Benzene	U		0.521	1.11	1	04/13/2025 21:58	WG2489584
Bromobenzene	U		1.00	13.9	1	04/13/2025 21:58	WG2489584
Bromodichloromethane	U		0.808	2.79	1	04/13/2025 21:58	WG2489584
Bromoform	U		1.30	27.9	1	04/13/2025 21:58	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	2.20	13.9	1	04/13/2025 21:58	WG2489584
n-Butylbenzene	U		5.85	13.9	1	04/13/2025 21:58	WG2489584
sec-Butylbenzene	U		3.21	13.9	1	04/13/2025 21:58	WG2489584
tert-Butylbenzene	U		2.17	5.57	1	04/13/2025 21:58	WG2489584
Carbon tetrachloride	U		1.00	5.57	1	04/13/2025 21:58	WG2489584
Chlorobenzene	U		0.234	2.79	1	04/13/2025 21:58	WG2489584
Chlorodibromomethane	U		0.682	2.79	1	04/13/2025 21:58	WG2489584
Chloroethane	U	C3 J4	1.90	5.57	1	04/13/2025 21:58	WG2489584
Chloroform	1.15	J	1.15	2.79	1	04/13/2025 21:58	WG2489584
Chloromethane	U	C3	4.85	13.9	1	04/13/2025 21:58	WG2489584
2-Chlorotoluene	U		0.964	2.79	1	04/13/2025 21:58	WG2489584
4-Chlorotoluene	U		0.502	5.57	1	04/13/2025 21:58	WG2489584
1,2-Dibromo-3-Chloropropane	U		4.35	27.9	1	04/13/2025 21:58	WG2489584
1,2-Dibromoethane	U		0.722	2.79	1	04/13/2025 21:58	WG2489584
Dibromomethane	U		0.836	5.57	1	04/13/2025 21:58	WG2489584
1,2-Dichlorobenzene	U		0.474	5.57	1	04/13/2025 21:58	WG2489584
1,3-Dichlorobenzene	U		0.669	5.57	1	04/13/2025 21:58	WG2489584
1,4-Dichlorobenzene	U		0.780	5.57	1	04/13/2025 21:58	WG2489584
Dichlorodifluoromethane	U	C3	1.80	5.57	1	04/13/2025 21:58	WG2489584
1,1-Dichloroethane	U		0.547	2.79	1	04/13/2025 21:58	WG2489584
1,2-Dichloroethane	U		0.724	2.79	1	04/13/2025 21:58	WG2489584
1,1-Dichloroethene	U	C3	0.676	2.79	1	04/13/2025 21:58	WG2489584
cis-1,2-Dichloroethene	U		0.818	2.79	1	04/13/2025 21:58	WG2489584
trans-1,2-Dichloroethene	U	C3	1.16	5.57	1	04/13/2025 21:58	WG2489584
1,2-Dichloropropane	U		1.58	5.57	1	04/13/2025 21:58	WG2489584
1,1-Dichloropropene	U		0.902	2.79	1	04/13/2025 21:58	WG2489584
1,3-Dichloropropane	U		0.559	5.57	1	04/13/2025 21:58	WG2489584
cis-1,3-Dichloropropene	U		0.844	2.79	1	04/13/2025 21:58	WG2489584
trans-1,3-Dichloropropene	U		1.27	5.57	1	04/13/2025 21:58	WG2489584
2,2-Dichloropropane	U		1.54	2.79	1	04/13/2025 21:58	WG2489584
Di-isopropyl ether	U		0.457	1.11	1	04/13/2025 21:58	WG2489584
Ethylbenzene	U		0.822	2.79	1	04/13/2025 21:58	WG2489584
Hexachloro-1,3-butadiene	U		6.69	27.9	1	04/13/2025 21:58	WG2489584
Isopropylbenzene	U		0.474	2.79	1	04/13/2025 21:58	WG2489584
p-Isopropyltoluene	U		2.84	5.57	1	04/13/2025 21:58	WG2489584
2-Butanone (MEK)	U		70.8	111	1	04/13/2025 21:58	WG2489584
Methylene Chloride	U	C3	7.40	27.9	1	04/13/2025 21:58	WG2489584
4-Methyl-2-pentanone (MIBK)	U		2.54	27.9	1	04/13/2025 21:58	WG2489584
Methyl tert-butyl ether	U		0.390	1.11	1	04/13/2025 21:58	WG2489584
Naphthalene	U		5.44	13.9	1	04/13/2025 21:58	WG2489584
n-Propylbenzene	U		1.06	5.57	1	04/13/2025 21:58	WG2489584
Styrene	U		0.255	13.9	1	04/13/2025 21:58	WG2489584
1,1,1,2-Tetrachloroethane	U		1.06	2.79	1	04/13/2025 21:58	WG2489584
1,1,2,2-Tetrachloroethane	U	C3	0.775	2.79	1	04/13/2025 21:58	WG2489584
1,1,2-Trichlorotrifluoroethane	U		0.841	2.79	1	04/13/2025 21:58	WG2489584
Tetrachloroethene	U		0.999	2.79	1	04/13/2025 21:58	WG2489584
Toluene	2.97	B J	1.45	5.57	1	04/13/2025 21:58	WG2489584
1,2,3-Trichlorobenzene	U	J4	8.17	13.9	1	04/13/2025 21:58	WG2489584
1,2,4-Trichlorobenzene	U		4.91	13.9	1	04/13/2025 21:58	WG2489584
1,1,1-Trichloroethane	U		1.03	2.79	1	04/13/2025 21:58	WG2489584
1,1,2-Trichloroethane	U		0.666	2.79	1	04/13/2025 21:58	WG2489584
Trichloroethene	U		0.651	1.11	1	04/13/2025 21:58	WG2489584
Trichlorofluoromethane	U		0.922	2.79	1	04/13/2025 21:58	WG2489584
1,2,3-Trichloropropane	U		1.81	13.9	1	04/13/2025 21:58	WG2489584
1,2,4-Trimethylbenzene	U		1.76	5.57	1	04/13/2025 21:58	WG2489584
1,2,3-Trimethylbenzene	U		1.76	5.57	1	04/13/2025 21:58	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		2.23	5.57	1	04/13/2025 21:58	WG2489584
Vinyl chloride	U	C3 J4	1.29	2.79	1	04/13/2025 21:58	WG2489584
Xylenes, Total	U		0.981	7.25	1	04/13/2025 21:58	WG2489584
(S) Toluene-d8	*113*			*75.0-131*		*04/13/2025 21:58*	WG2489584
(S) 4-Bromofluorobenzene	*89.9*			*67.0-138*		*04/13/2025 21:58*	WG2489584
(S) 1,2-Dichloroethane-d4	*104*			*70.0-130*		*04/13/2025 21:58*	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	U		8510	21100	5	04/14/2025 00:21	WG2489494
C28-C36 Motor Oil Range	8790	J	1450	21100	5	04/14/2025 00:21	WG2489494
(S) o-Terphenyl	*65.4*			*18.0-148*		*04/14/2025 00:21*	WG2489494

Sample Narrative:

L1847545-02 WG2489494: Cannot run at lower dilution due to viscosity of extract

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	6.97	J	5.70	35.2	1	04/14/2025 12:18	WG2489487
Acenaphthylene	U		4.96	35.2	1	04/14/2025 12:18	WG2489487
Anthracene	13.1	J	6.27	35.2	1	04/14/2025 12:18	WG2489487
Benzidine	U	C7	66.2	1770	1	04/14/2025 12:18	WG2489487
Benzo(a)anthracene	19.1	J	6.21	35.2	1	04/14/2025 12:18	WG2489487
Benzo(b)fluoranthene	16.6	J	6.57	35.2	1	04/14/2025 12:18	WG2489487
Benzo(k)fluoranthene	U		6.26	35.2	1	04/14/2025 12:18	WG2489487
Benzo(g,h,i)perylene	9.91	J	6.44	35.2	1	04/14/2025 12:18	WG2489487
Benzo(a)pyrene	14.8	J	6.55	35.2	1	04/14/2025 12:18	WG2489487
Bis(2-chlorethoxy)methane	U		10.6	352	1	04/14/2025 12:18	WG2489487
Bis(2-chloroethyl)ether	U	C3	11.6	352	1	04/14/2025 12:18	WG2489487
2,2-Oxybis(1-Chloropropane)	U	C3	15.2	352	1	04/14/2025 12:18	WG2489487
4-Bromophenyl-phenylether	U		12.4	352	1	04/14/2025 12:18	WG2489487
2-Chloronaphthalene	U		6.19	35.2	1	04/14/2025 12:18	WG2489487
4-Chlorophenyl-phenylether	U		12.3	352	1	04/14/2025 12:18	WG2489487
Chrysene	19.3	J	7.00	35.2	1	04/14/2025 12:18	WG2489487
Dibenz(a,h)anthracene	U		9.76	35.2	1	04/14/2025 12:18	WG2489487
1,2-Dichlorobenzene	U		10.4	352	1	04/14/2025 12:18	WG2489487
1,3-Dichlorobenzene	U		10.7	352	1	04/14/2025 12:18	WG2489487
1,4-Dichlorobenzene	U		10.5	352	1	04/14/2025 12:18	WG2489487
3,3-Dichlorobenzidine	U		13.0	352	1	04/14/2025 12:18	WG2489487
2,4-Dinitrotoluene	U		10.1	352	1	04/14/2025 12:18	WG2489487
2,6-Dinitrotoluene	U		11.5	352	1	04/14/2025 12:18	WG2489487
Fluoranthene	45.5		6.35	35.2	1	04/14/2025 12:18	WG2489487
Fluorene	U		5.73	35.2	1	04/14/2025 12:18	WG2489487
Hexachlorobenzene	U		12.5	352	1	04/14/2025 12:18	WG2489487
Hexachloro-1,3-butadiene	U		11.8	352	1	04/14/2025 12:18	WG2489487
Hexachlorocyclopentadiene	U	C7	18.5	352	1	04/14/2025 12:18	WG2489487
Hexachloroethane	U		13.9	352	1	04/14/2025 12:18	WG2489487
Indeno(1,2,3-cd)pyrene	U		9.95	35.2	1	04/14/2025 12:18	WG2489487
Isophorone	U		10.8	352	1	04/14/2025 12:18	WG2489487
Naphthalene	U		8.84	35.2	1	04/14/2025 12:18	WG2489487
Nitrobenzene	U		12.3	352	1	04/14/2025 12:18	WG2489487
n-Nitrosodimethylamine	U		52.2	352	1	04/14/2025 12:18	WG2489487
n-Nitrosodiphenylamine	U		26.6	352	1	04/14/2025 12:18	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
n-Nitrosodi-n-propylamine	U		11.7	352	1	04/14/2025 12:18	WG2489487
Phenanthrene	47.7		6.99	35.2	1	04/14/2025 12:18	WG2489487
Benzylbutyl phthalate	U		11.0	352	1	04/14/2025 12:18	WG2489487
Bis(2-ethylhexyl)phthalate	U		44.6	352	1	04/14/2025 12:18	WG2489487
Di-n-butyl phthalate	U		12.1	352	1	04/14/2025 12:18	WG2489487
Diethyl phthalate	U		11.6	352	1	04/14/2025 12:18	WG2489487
Dimethyl phthalate	U		74.6	352	1	04/14/2025 12:18	WG2489487
Di-n-octyl phthalate	U		23.8	352	1	04/14/2025 12:18	WG2489487
Pyrene	43.2		6.85	35.2	1	04/14/2025 12:18	WG2489487
1,2,4-Trichlorobenzene	U		11.0	352	1	04/14/2025 12:18	WG2489487
4-Chloro-3-methylphenol	U		11.4	352	1	04/14/2025 12:18	WG2489487
2-Chlorophenol	U		11.6	352	1	04/14/2025 12:18	WG2489487
2,4-Dichlorophenol	U		10.3	352	1	04/14/2025 12:18	WG2489487
2,4-Dimethylphenol	U	C3	9.20	352	1	04/14/2025 12:18	WG2489487
4,6-Dinitro-2-methylphenol	U		79.8	352	1	04/14/2025 12:18	WG2489487
2,4-Dinitrophenol	U		82.4	352	1	04/14/2025 12:18	WG2489487
2-Nitrophenol	U		12.6	352	1	04/14/2025 12:18	WG2489487
4-Nitrophenol	U		11.0	352	1	04/14/2025 12:18	WG2489487
Pentachlorophenol	U		9.47	352	1	04/14/2025 12:18	WG2489487
Phenol	U		14.2	352	1	04/14/2025 12:18	WG2489487
2,4,6-Trichlorophenol	U		11.3	352	1	04/14/2025 12:18	WG2489487
(S) 2-Fluorophenol	*61.7*			*12.0-120*		*04/14/2025 12:18*	WG2489487
(S) Phenol-d5	*56.9*			*10.0-120*		*04/14/2025 12:18*	WG2489487
(S) Nitrobenzene-d5	*57.7*			*10.0-122*		*04/14/2025 12:18*	WG2489487
(S) 2-Fluorobiphenyl	*63.1*			*15.0-120*		*04/14/2025 12:18*	WG2489487
(S) 2,4,6-Tribromophenol	*64.5*			*10.0-127*		*04/14/2025 12:18*	WG2489487
(S) p-Terphenyl-d14	*70.3*			*10.0-120*		*04/14/2025 12:18*	WG2489487

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	98.7		1	04/13/2025 13:29	WG2489514

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		384	1010	1	04/14/2025 12:37	WG2489638

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		20.9	40.5	1	04/13/2025 19:27	WG2489631

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	451000		6160	20300	1	04/13/2025 22:58	WG2489658
Antimony	U		700	2030	1	04/13/2025 22:58	WG2489658
Arsenic	851	J	848	2030	1	04/13/2025 22:58	WG2489658
Barium	10300		86.1	507	1	04/13/2025 22:58	WG2489658
Beryllium	78.9	J	48.3	203	1	04/13/2025 22:58	WG2489658
Cadmium	U		66.2	507	1	04/13/2025 22:58	WG2489658
Calcium	2680000		19300	101000	1	04/13/2025 22:58	WG2489658
Chromium	760	J	217	1010	1	04/13/2025 22:58	WG2489658
Cobalt	754	J	179	1010	1	04/13/2025 22:58	WG2489658
Copper	908	J	362	2030	1	04/13/2025 22:58	WG2489658
Iron	2550000		2270	10100	1	04/13/2025 22:58	WG2489658
Lead	2070		330	507	1	04/13/2025 22:58	WG2489658
Magnesium	309000		20200	101000	1	04/13/2025 22:58	WG2489658
Manganese	61000		175	1010	1	04/13/2025 22:58	WG2489658
Nickel	1010	J	203	2030	1	04/13/2025 22:58	WG2489658
Potassium	113000		21200	101000	1	04/13/2025 22:58	WG2489658
Selenium	U		1080	2030	1	04/13/2025 22:58	WG2489658
Silver	U		129	1010	1	04/13/2025 22:58	WG2489658
Sodium	U		41800	101000	1	04/13/2025 22:58	WG2489658
Thallium	U		525	2030	1	04/13/2025 22:58	WG2489658
Vanadium	3920		388	2030	1	04/13/2025 22:58	WG2489658
Zinc	6450		987	5070	1	04/13/2025 22:58	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	U		22.0	101	1	04/13/2025 19:51	WG2489566
(S) a,a,a-Trifluorotoluene(FID)	*98.9*			*77.0-120*		*04/13/2025 19:51*	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		37.5	51.4	1	04/13/2025 16:44	WG2489596
Acrylonitrile	U		3.71	12.8	1	04/13/2025 16:44	WG2489596
Benzene	U		0.480	1.03	1	04/13/2025 16:44	WG2489596
Bromobenzene	U		0.925	12.8	1	04/13/2025 16:44	WG2489596
Bromodichloromethane	U		0.745	2.57	1	04/13/2025 16:44	WG2489596
Bromoform	U		1.20	25.7	1	04/13/2025 16:44	WG2489596

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		2.02	12.8	1	04/13/2025 16:44	WG2489596
n-Butylbenzene	U		5.39	12.8	1	04/13/2025 16:44	WG2489596
sec-Butylbenzene	U		2.96	12.8	1	04/13/2025 16:44	WG2489596
tert-Butylbenzene	U		2.00	5.14	1	04/13/2025 16:44	WG2489596
Carbon tetrachloride	U		0.922	5.14	1	04/13/2025 16:44	WG2489596
Chlorobenzene	U		0.216	2.57	1	04/13/2025 16:44	WG2489596
Chlorodibromomethane	U		0.629	2.57	1	04/13/2025 16:44	WG2489596
Chloroethane	U		1.75	5.14	1	04/13/2025 16:44	WG2489596
Chloroform	U		1.06	2.57	1	04/13/2025 16:44	WG2489596
Chloromethane	U		4.47	12.8	1	04/13/2025 16:44	WG2489596
2-Chlorotoluene	U		0.889	2.57	1	04/13/2025 16:44	WG2489596
4-Chlorotoluene	U		0.462	5.14	1	04/13/2025 16:44	WG2489596
1,2-Dibromo-3-Chloropropane	U		4.01	25.7	1	04/13/2025 16:44	WG2489596
1,2-Dibromoethane	U		0.666	2.57	1	04/13/2025 16:44	WG2489596
Dibromomethane	U		0.770	5.14	1	04/13/2025 16:44	WG2489596
1,2-Dichlorobenzene	U		0.437	5.14	1	04/13/2025 16:44	WG2489596
1,3-Dichlorobenzene	U		0.616	5.14	1	04/13/2025 16:44	WG2489596
1,4-Dichlorobenzene	U		0.719	5.14	1	04/13/2025 16:44	WG2489596
Dichlorodifluoromethane	U	C3	1.65	5.14	1	04/13/2025 16:44	WG2489596
1,1-Dichloroethane	U		0.504	2.57	1	04/13/2025 16:44	WG2489596
1,2-Dichloroethane	U		0.667	2.57	1	04/13/2025 16:44	WG2489596
1,1-Dichloroethene	U		0.622	2.57	1	04/13/2025 16:44	WG2489596
cis-1,2-Dichloroethene	2.27	B J	0.754	2.57	1	04/13/2025 16:44	WG2489596
trans-1,2-Dichloroethene	U		1.07	5.14	1	04/13/2025 16:44	WG2489596
1,2-Dichloropropane	U		1.46	5.14	1	04/13/2025 16:44	WG2489596
1,1-Dichloropropene	U		0.831	2.57	1	04/13/2025 16:44	WG2489596
1,3-Dichloropropane	U		0.515	5.14	1	04/13/2025 16:44	WG2489596
cis-1,3-Dichloropropene	U		0.778	2.57	1	04/13/2025 16:44	WG2489596
trans-1,3-Dichloropropene	U		1.17	5.14	1	04/13/2025 16:44	WG2489596
2,2-Dichloropropane	U		1.42	2.57	1	04/13/2025 16:44	WG2489596
Di-isopropyl ether	U		0.421	1.03	1	04/13/2025 16:44	WG2489596
Ethylbenzene	U		0.757	2.57	1	04/13/2025 16:44	WG2489596
Hexachloro-1,3-butadiene	U		6.16	25.7	1	04/13/2025 16:44	WG2489596
Isopropylbenzene	U		0.437	2.57	1	04/13/2025 16:44	WG2489596
p-Isopropyltoluene	U		2.62	5.14	1	04/13/2025 16:44	WG2489596
2-Butanone (MEK)	U		65.2	103	1	04/13/2025 16:44	WG2489596
Methylene Chloride	U		6.82	25.7	1	04/13/2025 16:44	WG2489596
4-Methyl-2-pentanone (MIBK)	U		2.34	25.7	1	04/13/2025 16:44	WG2489596
Methyl tert-butyl ether	U		0.360	1.03	1	04/13/2025 16:44	WG2489596
Naphthalene	U		5.01	12.8	1	04/13/2025 16:44	WG2489596
n-Propylbenzene	U		0.976	5.14	1	04/13/2025 16:44	WG2489596
Styrene	U		0.235	12.8	1	04/13/2025 16:44	WG2489596
1,1,1,2-Tetrachloroethane	U		0.974	2.57	1	04/13/2025 16:44	WG2489596
1,1,2,2-Tetrachloroethane	U		0.714	2.57	1	04/13/2025 16:44	WG2489596
1,1,2-Trichlorotrifluoroethane	U		0.775	2.57	1	04/13/2025 16:44	WG2489596
Tetrachloroethene	U		0.920	2.57	1	04/13/2025 16:44	WG2489596
Toluene	2.89	B J	1.34	5.14	1	04/13/2025 16:44	WG2489596
1,2,3-Trichlorobenzene	U		7.53	12.8	1	04/13/2025 16:44	WG2489596
1,2,4-Trichlorobenzene	U		4.52	12.8	1	04/13/2025 16:44	WG2489596
1,1,1-Trichloroethane	U		0.948	2.57	1	04/13/2025 16:44	WG2489596
1,1,2-Trichloroethane	U		0.613	2.57	1	04/13/2025 16:44	WG2489596
Trichloroethene	U		0.600	1.03	1	04/13/2025 16:44	WG2489596
Trichlorofluoromethane	U		0.850	2.57	1	04/13/2025 16:44	WG2489596
1,2,3-Trichloropropane	U		1.66	12.8	1	04/13/2025 16:44	WG2489596
1,2,4-Trimethylbenzene	U		1.62	5.14	1	04/13/2025 16:44	WG2489596
1,2,3-Trimethylbenzene	U		1.62	5.14	1	04/13/2025 16:44	WG2489596

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		2.05	5.14	1	04/13/2025 16:44	WG2489596
Vinyl chloride	U		1.19	2.57	1	04/13/2025 16:44	WG2489596
Xylenes, Total	U		0.904	6.68	1	04/13/2025 16:44	WG2489596
(S) Toluene-d8	*100*			*75.0-131*		*04/13/2025 16:44*	WG2489596
(S) 4-Bromofluorobenzene	*97.5*			*67.0-138*		*04/13/2025 16:44*	WG2489596
(S) 1,2-Dichloroethane-d4	*98.9*			*70.0-130*		*04/13/2025 16:44*	WG2489596

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	1940	J	1630	4050	1	04/14/2025 00:55	WG2489494
C28-C36 Motor Oil Range	7600		278	4050	1	04/14/2025 00:55	WG2489494
(S) o-Terphenyl	*80.4*			*18.0-148*		*04/14/2025 00:55*	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		5.46	33.7	1	04/14/2025 14:09	WG2489487
Acenaphthylene	U		4.75	33.7	1	04/14/2025 14:09	WG2489487
Anthracene	U		6.01	33.7	1	04/14/2025 14:09	WG2489487
Benzidine	U		63.4	1690	1	04/14/2025 14:09	WG2489487
Benzo(a)anthracene	U		5.95	33.7	1	04/14/2025 14:09	WG2489487
Benzo(b)fluoranthene	U		6.29	33.7	1	04/14/2025 14:09	WG2489487
Benzo(k)fluoranthene	U		6.00	33.7	1	04/14/2025 14:09	WG2489487
Benzo(g,h,i)perylene	U		6.17	33.7	1	04/14/2025 14:09	WG2489487
Benzo(a)pyrene	U		6.27	33.7	1	04/14/2025 14:09	WG2489487
Bis(2-chlorethoxy)methane	U		10.1	337	1	04/14/2025 14:09	WG2489487
Bis(2-chloroethyl)ether	U	C3	11.1	337	1	04/14/2025 14:09	WG2489487
2,2-Oxybis(1-Chloropropane)	U		14.6	337	1	04/14/2025 14:09	WG2489487
4-Bromophenyl-phenylether	U		11.9	337	1	04/14/2025 14:09	WG2489487
2-Chloronaphthalene	U		5.93	33.7	1	04/14/2025 14:09	WG2489487
4-Chlorophenyl-phenylether	U	C3	11.8	337	1	04/14/2025 14:09	WG2489487
Chrysene	U		6.71	33.7	1	04/14/2025 14:09	WG2489487
Dibenz(a,h)anthracene	U		9.35	33.7	1	04/14/2025 14:09	WG2489487
1,2-Dichlorobenzene	U		10.0	337	1	04/14/2025 14:09	WG2489487
1,3-Dichlorobenzene	U		10.2	337	1	04/14/2025 14:09	WG2489487
1,4-Dichlorobenzene	U		10.0	337	1	04/14/2025 14:09	WG2489487
3,3-Dichlorobenzidine	U		12.5	337	1	04/14/2025 14:09	WG2489487
2,4-Dinitrotoluene	U		9.68	337	1	04/14/2025 14:09	WG2489487
2,6-Dinitrotoluene	U		11.0	337	1	04/14/2025 14:09	WG2489487
Fluoranthene	U		6.09	33.7	1	04/14/2025 14:09	WG2489487
Fluorene	U		5.49	33.7	1	04/14/2025 14:09	WG2489487
Hexachlorobenzene	U	C3	12.0	337	1	04/14/2025 14:09	WG2489487
Hexachloro-1,3-butadiene	U	C3	11.4	337	1	04/14/2025 14:09	WG2489487
Hexachlorocyclopentadiene	U		17.7	337	1	04/14/2025 14:09	WG2489487
Hexachloroethane	U		13.3	337	1	04/14/2025 14:09	WG2489487
Indeno(1,2,3-cd)pyrene	U		9.54	33.7	1	04/14/2025 14:09	WG2489487
Isophorone	U		10.3	337	1	04/14/2025 14:09	WG2489487
Naphthalene	U		8.47	33.7	1	04/14/2025 14:09	WG2489487
Nitrobenzene	U		11.8	337	1	04/14/2025 14:09	WG2489487
n-Nitrosodimethylamine	U		50.1	337	1	04/14/2025 14:09	WG2489487
n-Nitrosodiphenylamine	U		25.5	337	1	04/14/2025 14:09	WG2489487
n-Nitrosodi-n-propylamine	U		11.2	337	1	04/14/2025 14:09	WG2489487
Phenanthrene	U		6.70	33.7	1	04/14/2025 14:09	WG2489487
Benzylbutyl phthalate	U		10.5	337	1	04/14/2025 14:09	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		42.8	337	1	04/14/2025 14:09	WG2489487
Di-n-butyl phthalate	U		11.6	337	1	04/14/2025 14:09	WG2489487
Diethyl phthalate	U		11.1	337	1	04/14/2025 14:09	WG2489487
Dimethyl phthalate	U		71.5	337	1	04/14/2025 14:09	WG2489487
Di-n-octyl phthalate	U		22.8	337	1	04/14/2025 14:09	WG2489487
Pyrene	U		6.57	33.7	1	04/14/2025 14:09	WG2489487
1,2,4-Trichlorobenzene	U		10.5	337	1	04/14/2025 14:09	WG2489487
4-Chloro-3-methylphenol	U		10.9	337	1	04/14/2025 14:09	WG2489487
2-Chlorophenol	U		11.1	337	1	04/14/2025 14:09	WG2489487
2,4-Dichlorophenol	U		9.83	337	1	04/14/2025 14:09	WG2489487
2,4-Dimethylphenol	U	C3	8.82	337	1	04/14/2025 14:09	WG2489487
4,6-Dinitro-2-methylphenol	U	C3	76.5	337	1	04/14/2025 14:09	WG2489487
2,4-Dinitrophenol	U	C3	78.9	337	1	04/14/2025 14:09	WG2489487
2-Nitrophenol	U		12.1	337	1	04/14/2025 14:09	WG2489487
4-Nitrophenol	U		10.5	337	1	04/14/2025 14:09	WG2489487
Pentachlorophenol	U	C3	9.08	337	1	04/14/2025 14:09	WG2489487
Phenol	U		13.6	337	1	04/14/2025 14:09	WG2489487
2,4,6-Trichlorophenol	U		10.8	337	1	04/14/2025 14:09	WG2489487
(S) 2-Fluorophenol	*79.3*			*12.0-120*		*04/14/2025 14:09*	WG2489487
(S) Phenol-d5	*71.9*			*10.0-120*		*04/14/2025 14:09*	WG2489487
(S) Nitrobenzene-d5	*62.4*			*10.0-122*		*04/14/2025 14:09*	WG2489487
(S) 2-Fluorobiphenyl	*64.0*			*15.0-120*		*04/14/2025 14:09*	WG2489487
(S) 2,4,6-Tribromophenol	*53.6*			*10.0-127*		*04/14/2025 14:09*	WG2489487
(S) p-Terphenyl-d14	*70.8*			*10.0-120*		*04/14/2025 14:09*	WG2489487

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

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	98.7		1	04/13/2025 13:29	WG2489514

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		384	1010	1	04/14/2025 12:55	WG2489638

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		20.9	40.5	1	04/13/2025 19:35	WG2489631

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	484000		6160	20300	1	04/13/2025 23:00	WG2489658
Antimony	U		700	2030	1	04/13/2025 23:00	WG2489658
Arsenic	1120	J	848	2030	1	04/13/2025 23:00	WG2489658
Barium	14600		86.1	506	1	04/13/2025 23:00	WG2489658
Beryllium	104	J	48.3	203	1	04/13/2025 23:00	WG2489658
Cadmium	U		66.1	506	1	04/13/2025 23:00	WG2489658
Calcium	2120000		19200	101000	1	04/13/2025 23:00	WG2489658
Chromium	911	J	217	1010	1	04/13/2025 23:00	WG2489658
Cobalt	873	J	179	1010	1	04/13/2025 23:00	WG2489658
Copper	1100	J	362	2030	1	04/13/2025 23:00	WG2489658
Iron	2900000		2270	10100	1	04/13/2025 23:00	WG2489658
Lead	4370		330	506	1	04/13/2025 23:00	WG2489658
Magnesium	336000		20200	101000	1	04/13/2025 23:00	WG2489658
Manganese	66900		175	1010	1	04/13/2025 23:00	WG2489658
Nickel	1220	J	203	2030	1	04/13/2025 23:00	WG2489658
Potassium	116000		21200	101000	1	04/13/2025 23:00	WG2489658
Selenium	U		1080	2030	1	04/13/2025 23:00	WG2489658
Silver	U		129	1010	1	04/13/2025 23:00	WG2489658
Sodium	U		41700	101000	1	04/13/2025 23:00	WG2489658
Thallium	U		525	2030	1	04/13/2025 23:00	WG2489658
Vanadium	4080		388	2030	1	04/13/2025 23:00	WG2489658
Zinc	7230		986	5060	1	04/13/2025 23:00	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	26.8	B J	22.0	101	1	04/13/2025 20:15	WG2489566
(S) a,a,a-Trifluorotoluene(FID)	*98.6*			*77.0-120*		*04/13/2025 20:15*	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		37.5	51.3	1	04/13/2025 17:04	WG2489596
Acrylonitrile	U		3.70	12.8	1	04/13/2025 17:04	WG2489596
Benzene	U		0.479	1.03	1	04/13/2025 17:04	WG2489596
Bromobenzene	U		0.923	12.8	1	04/13/2025 17:04	WG2489596
Bromodichloromethane	U		0.744	2.57	1	04/13/2025 17:04	WG2489596
Bromoform	U		1.20	25.7	1	04/13/2025 17:04	WG2489596

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		2.02	12.8	1	04/13/2025 17:04	WG2489596
n-Butylbenzene	U		5.39	12.8	1	04/13/2025 17:04	WG2489596
sec-Butylbenzene	U		2.96	12.8	1	04/13/2025 17:04	WG2489596
tert-Butylbenzene	U		2.00	5.13	1	04/13/2025 17:04	WG2489596
Carbon tetrachloride	U		0.921	5.13	1	04/13/2025 17:04	WG2489596
Chlorobenzene	U		0.215	2.57	1	04/13/2025 17:04	WG2489596
Chlorodibromomethane	U		0.628	2.57	1	04/13/2025 17:04	WG2489596
Chloroethane	U		1.74	5.13	1	04/13/2025 17:04	WG2489596
Chloroform	U		1.06	2.57	1	04/13/2025 17:04	WG2489596
Chloromethane	U		4.46	12.8	1	04/13/2025 17:04	WG2489596
2-Chlorotoluene	U		0.888	2.57	1	04/13/2025 17:04	WG2489596
4-Chlorotoluene	U		0.462	5.13	1	04/13/2025 17:04	WG2489596
1,2-Dibromo-3-Chloropropane	U		4.00	25.7	1	04/13/2025 17:04	WG2489596
1,2-Dibromoethane	U		0.665	2.57	1	04/13/2025 17:04	WG2489596
Dibromomethane	U		0.770	5.13	1	04/13/2025 17:04	WG2489596
1,2-Dichlorobenzene	U		0.436	5.13	1	04/13/2025 17:04	WG2489596
1,3-Dichlorobenzene	U		0.616	5.13	1	04/13/2025 17:04	WG2489596
1,4-Dichlorobenzene	U		0.718	5.13	1	04/13/2025 17:04	WG2489596
Dichlorodifluoromethane	U	C3	1.65	5.13	1	04/13/2025 17:04	WG2489596
1,1-Dichloroethane	U		0.504	2.57	1	04/13/2025 17:04	WG2489596
1,2-Dichloroethane	U		0.666	2.57	1	04/13/2025 17:04	WG2489596
1,1-Dichloroethene	U		0.622	2.57	1	04/13/2025 17:04	WG2489596
cis-1,2-Dichloroethene	U		0.753	2.57	1	04/13/2025 17:04	WG2489596
trans-1,2-Dichloroethene	U		1.07	5.13	1	04/13/2025 17:04	WG2489596
1,2-Dichloropropane	U		1.46	5.13	1	04/13/2025 17:04	WG2489596
1,1-Dichloropropene	U		0.830	2.57	1	04/13/2025 17:04	WG2489596
1,3-Dichloropropane	U		0.514	5.13	1	04/13/2025 17:04	WG2489596
cis-1,3-Dichloropropene	U		0.777	2.57	1	04/13/2025 17:04	WG2489596
trans-1,3-Dichloropropene	U		1.17	5.13	1	04/13/2025 17:04	WG2489596
2,2-Dichloropropane	U		1.42	2.57	1	04/13/2025 17:04	WG2489596
Di-isopropyl ether	U		0.421	1.03	1	04/13/2025 17:04	WG2489596
Ethylbenzene	U		0.756	2.57	1	04/13/2025 17:04	WG2489596
Hexachloro-1,3-butadiene	U		6.16	25.7	1	04/13/2025 17:04	WG2489596
Isopropylbenzene	U		0.436	2.57	1	04/13/2025 17:04	WG2489596
p-Isopropyltoluene	U		2.62	5.13	1	04/13/2025 17:04	WG2489596
2-Butanone (MEK)	U		65.2	103	1	04/13/2025 17:04	WG2489596
Methylene Chloride	U		6.81	25.7	1	04/13/2025 17:04	WG2489596
4-Methyl-2-pentanone (MIBK)	U		2.34	25.7	1	04/13/2025 17:04	WG2489596
Methyl tert-butyl ether	U		0.359	1.03	1	04/13/2025 17:04	WG2489596
Naphthalene	U		5.01	12.8	1	04/13/2025 17:04	WG2489596
n-Propylbenzene	U		0.975	5.13	1	04/13/2025 17:04	WG2489596
Styrene	U		0.235	12.8	1	04/13/2025 17:04	WG2489596
1,1,1,2-Tetrachloroethane	U		0.973	2.57	1	04/13/2025 17:04	WG2489596
1,1,2,2-Tetrachloroethane	U		0.713	2.57	1	04/13/2025 17:04	WG2489596
1,1,2-Trichlorotrifluoroethane	U		0.774	2.57	1	04/13/2025 17:04	WG2489596
Tetrachloroethene	U		0.919	2.57	1	04/13/2025 17:04	WG2489596
Toluene	2.74	B J	1.33	5.13	1	04/13/2025 17:04	WG2489596
1,2,3-Trichlorobenzene	U		7.52	12.8	1	04/13/2025 17:04	WG2489596
1,2,4-Trichlorobenzene	U		4.51	12.8	1	04/13/2025 17:04	WG2489596
1,1,1-Trichloroethane	U		0.947	2.57	1	04/13/2025 17:04	WG2489596
1,1,2-Trichloroethane	U		0.613	2.57	1	04/13/2025 17:04	WG2489596
Trichloroethene	U		0.599	1.03	1	04/13/2025 17:04	WG2489596
Trichlorofluoromethane	U		0.849	2.57	1	04/13/2025 17:04	WG2489596
1,2,3-Trichloropropane	U		1.66	12.8	1	04/13/2025 17:04	WG2489596
1,2,4-Trimethylbenzene	U		1.62	5.13	1	04/13/2025 17:04	WG2489596
1,2,3-Trimethylbenzene	U		1.62	5.13	1	04/13/2025 17:04	WG2489596

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		2.05	5.13	1	04/13/2025 17:04	WG2489596
Vinyl chloride	U		1.19	2.57	1	04/13/2025 17:04	WG2489596
Xylenes, Total	U		0.903	6.67	1	04/13/2025 17:04	WG2489596
(S) Toluene-d8	*101*			*75.0-131*		*04/13/2025 17:04*	WG2489596
(S) 4-Bromofluorobenzene	*99.0*			*67.0-138*		*04/13/2025 17:04*	WG2489596
(S) 1,2-Dichloroethane-d4	*88.2*			*70.0-130*		*04/13/2025 17:04*	WG2489596

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	4040	J	1630	4050	1	04/14/2025 01:33	WG2489494
C28-C36 Motor Oil Range	19300		278	4050	1	04/14/2025 01:33	WG2489494
(S) o-Terphenyl	*87.1*			*18.0-148*		*04/14/2025 01:33*	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		5.46	33.7	1	04/14/2025 11:57	WG2489487
Acenaphthylene	U		4.75	33.7	1	04/14/2025 11:57	WG2489487
Anthracene	U		6.01	33.7	1	04/14/2025 11:57	WG2489487
Benzidine	U	C7	63.4	1690	1	04/14/2025 11:57	WG2489487
Benzo(a)anthracene	U		5.95	33.7	1	04/14/2025 11:57	WG2489487
Benzo(b)fluoranthene	U		6.29	33.7	1	04/14/2025 11:57	WG2489487
Benzo(k)fluoranthene	U		6.00	33.7	1	04/14/2025 11:57	WG2489487
Benzo(g,h,i)perylene	U		6.17	33.7	1	04/14/2025 11:57	WG2489487
Benzo(a)pyrene	U		6.27	33.7	1	04/14/2025 11:57	WG2489487
Bis(2-chlorethoxy)methane	U		10.1	337	1	04/14/2025 11:57	WG2489487
Bis(2-chloroethyl)ether	U	C3	11.1	337	1	04/14/2025 11:57	WG2489487
2,2-Oxybis(1-Chloropropane)	U	C3	14.6	337	1	04/14/2025 11:57	WG2489487
4-Bromophenyl-phenylether	U		11.8	337	1	04/14/2025 11:57	WG2489487
2-Chloronaphthalene	U		5.92	33.7	1	04/14/2025 11:57	WG2489487
4-Chlorophenyl-phenylether	U		11.7	337	1	04/14/2025 11:57	WG2489487
Chrysene	U		6.70	33.7	1	04/14/2025 11:57	WG2489487
Dibenz(a,h)anthracene	U		9.35	33.7	1	04/14/2025 11:57	WG2489487
1,2-Dichlorobenzene	U		10.0	337	1	04/14/2025 11:57	WG2489487
1,3-Dichlorobenzene	U		10.2	337	1	04/14/2025 11:57	WG2489487
1,4-Dichlorobenzene	U		10.0	337	1	04/14/2025 11:57	WG2489487
3,3-Dichlorobenzidine	U		12.5	337	1	04/14/2025 11:57	WG2489487
2,4-Dinitrotoluene	U		9.67	337	1	04/14/2025 11:57	WG2489487
2,6-Dinitrotoluene	U		11.0	337	1	04/14/2025 11:57	WG2489487
Fluoranthene	U		6.09	33.7	1	04/14/2025 11:57	WG2489487
Fluorene	U		5.49	33.7	1	04/14/2025 11:57	WG2489487
Hexachlorobenzene	U		12.0	337	1	04/14/2025 11:57	WG2489487
Hexachloro-1,3-butadiene	U		11.3	337	1	04/14/2025 11:57	WG2489487
Hexachlorocyclopentadiene	U	C7	17.7	337	1	04/14/2025 11:57	WG2489487
Hexachloroethane	U		13.3	337	1	04/14/2025 11:57	WG2489487
Indeno(1,2,3-cd)pyrene	U		9.53	33.7	1	04/14/2025 11:57	WG2489487
Isophorone	U		10.3	337	1	04/14/2025 11:57	WG2489487
Naphthalene	U		8.47	33.7	1	04/14/2025 11:57	WG2489487
Nitrobenzene	U		11.7	337	1	04/14/2025 11:57	WG2489487
n-Nitrosodimethylamine	U		50.0	337	1	04/14/2025 11:57	WG2489487
n-Nitrosodiphenylamine	U		25.5	337	1	04/14/2025 11:57	WG2489487
n-Nitrosodi-n-propylamine	U		11.2	337	1	04/14/2025 11:57	WG2489487
Phenanthrene	U		6.69	33.7	1	04/14/2025 11:57	WG2489487
Benzylbutyl phthalate	U		10.5	337	1	04/14/2025 11:57	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		42.7	337	1	04/14/2025 11:57	WG2489487
Di-n-butyl phthalate	U		11.5	337	1	04/14/2025 11:57	WG2489487
Diethyl phthalate	U		11.1	337	1	04/14/2025 11:57	WG2489487
Dimethyl phthalate	U		71.5	337	1	04/14/2025 11:57	WG2489487
Di-n-octyl phthalate	U		22.8	337	1	04/14/2025 11:57	WG2489487
Pyrene	U		6.56	33.7	1	04/14/2025 11:57	WG2489487
1,2,4-Trichlorobenzene	U		10.5	337	1	04/14/2025 11:57	WG2489487
4-Chloro-3-methylphenol	U		10.9	337	1	04/14/2025 11:57	WG2489487
2-Chlorophenol	U		11.1	337	1	04/14/2025 11:57	WG2489487
2,4-Dichlorophenol	U		9.82	337	1	04/14/2025 11:57	WG2489487
2,4-Dimethylphenol	U	C3	8.81	337	1	04/14/2025 11:57	WG2489487
4,6-Dinitro-2-methylphenol	U		76.5	337	1	04/14/2025 11:57	WG2489487
2,4-Dinitrophenol	U		78.9	337	1	04/14/2025 11:57	WG2489487
2-Nitrophenol	U		12.1	337	1	04/14/2025 11:57	WG2489487
4-Nitrophenol	U		10.5	337	1	04/14/2025 11:57	WG2489487
Pentachlorophenol	U		9.07	337	1	04/14/2025 11:57	WG2489487
Phenol	U		13.6	337	1	04/14/2025 11:57	WG2489487
2,4,6-Trichlorophenol	U		10.8	337	1	04/14/2025 11:57	WG2489487
(S) 2-Fluorophenol	*61.2*			*12.0-120*		*04/14/2025 11:57*	WG2489487
(S) Phenol-d5	*57.6*			*10.0-120*		*04/14/2025 11:57*	WG2489487
(S) Nitrobenzene-d5	*57.7*			*10.0-122*		*04/14/2025 11:57*	WG2489487
(S) 2-Fluorobiphenyl	*65.6*			*15.0-120*		*04/14/2025 11:57*	WG2489487
(S) 2,4,6-Tribromophenol	*52.1*			*10.0-127*		*04/14/2025 11:57*	WG2489487
(S) p-Terphenyl-d14	*70.3*			*10.0-120*		*04/14/2025 11:57*	WG2489487

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	98.9		1	04/13/2025 13:29	WG2489514

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		383	1010	1	04/14/2025 13:04	WG2489638

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		20.8	40.4	1	04/13/2025 19:37	WG2489631

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	422000		6150	20200	1	04/13/2025 23:02	WG2489658
Antimony	U		699	2020	1	04/13/2025 23:02	WG2489658
Arsenic	952	J	846	2020	1	04/13/2025 23:02	WG2489658
Barium	18900		86.0	506	1	04/13/2025 23:02	WG2489658
Beryllium	107	J	48.2	202	1	04/13/2025 23:02	WG2489658
Cadmium	U		66.0	506	1	04/13/2025 23:02	WG2489658
Calcium	3040000		19200	101000	1	04/13/2025 23:02	WG2489658
Chromium	815	J	216	1010	1	04/13/2025 23:02	WG2489658
Cobalt	843	J	179	1010	1	04/13/2025 23:02	WG2489658
Copper	988	J	361	2020	1	04/13/2025 23:02	WG2489658
Iron	2600000		2270	10100	1	04/13/2025 23:02	WG2489658
Lead	2090		330	506	1	04/13/2025 23:02	WG2489658
Magnesium	339000		20100	101000	1	04/13/2025 23:02	WG2489658
Manganese	83400		175	1010	1	04/13/2025 23:02	WG2489658
Nickel	1010	J	202	2020	1	04/13/2025 23:02	WG2489658
Potassium	108000		21100	101000	1	04/13/2025 23:02	WG2489658
Selenium	U		1080	2020	1	04/13/2025 23:02	WG2489658
Silver	U		128	1010	1	04/13/2025 23:02	WG2489658
Sodium	U		41700	101000	1	04/13/2025 23:02	WG2489658
Thallium	U		524	2020	1	04/13/2025 23:02	WG2489658
Vanadium	4360		387	2020	1	04/13/2025 23:02	WG2489658
Zinc	6350		985	5060	1	04/13/2025 23:02	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	29.8	B J	21.9	101	1	04/13/2025 17:54	WG2489567
(S) a,a,a-Trifluorotoluene(FID)	*97.6*			*77.0-120*		*04/13/2025 17:54*	WG2489567

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		37.3	51.1	1	04/13/2025 17:23	WG2489596
Acrylonitrile	U		3.69	12.8	1	04/13/2025 17:23	WG2489596
Benzene	U		0.478	1.02	1	04/13/2025 17:23	WG2489596
Bromobenzene	U		0.921	12.8	1	04/13/2025 17:23	WG2489596
Bromodichloromethane	U		0.742	2.56	1	04/13/2025 17:23	WG2489596
Bromoform	U		1.20	25.6	1	04/13/2025 17:23	WG2489596

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		2.02	12.8	1	04/13/2025 17:23	WG2489596
n-Butylbenzene	U		5.37	12.8	1	04/13/2025 17:23	WG2489596
sec-Butylbenzene	U		2.95	12.8	1	04/13/2025 17:23	WG2489596
tert-Butylbenzene	U		1.99	5.11	1	04/13/2025 17:23	WG2489596
Carbon tetrachloride	U		0.919	5.11	1	04/13/2025 17:23	WG2489596
Chlorobenzene	U		0.215	2.56	1	04/13/2025 17:23	WG2489596
Chlorodibromomethane	U		0.626	2.56	1	04/13/2025 17:23	WG2489596
Chloroethane	U		1.74	5.11	1	04/13/2025 17:23	WG2489596
Chloroform	1.22	B J	1.05	2.56	1	04/13/2025 17:23	WG2489596
Chloromethane	U		4.45	12.8	1	04/13/2025 17:23	WG2489596
2-Chlorotoluene	U		0.885	2.56	1	04/13/2025 17:23	WG2489596
4-Chlorotoluene	U		0.460	5.11	1	04/13/2025 17:23	WG2489596
1,2-Dibromo-3-Chloropropane	U		3.99	25.6	1	04/13/2025 17:23	WG2489596
1,2-Dibromoethane	U		0.663	2.56	1	04/13/2025 17:23	WG2489596
Dibromomethane	U		0.767	5.11	1	04/13/2025 17:23	WG2489596
1,2-Dichlorobenzene	U		0.435	5.11	1	04/13/2025 17:23	WG2489596
1,3-Dichlorobenzene	U		0.614	5.11	1	04/13/2025 17:23	WG2489596
1,4-Dichlorobenzene	U		0.716	5.11	1	04/13/2025 17:23	WG2489596
Dichlorodifluoromethane	U	C3	1.65	5.11	1	04/13/2025 17:23	WG2489596
1,1-Dichloroethane	U		0.502	2.56	1	04/13/2025 17:23	WG2489596
1,2-Dichloroethane	U		0.664	2.56	1	04/13/2025 17:23	WG2489596
1,1-Dichloroethene	U		0.620	2.56	1	04/13/2025 17:23	WG2489596
cis-1,2-Dichloroethene	0.844	B J	0.751	2.56	1	04/13/2025 17:23	WG2489596
trans-1,2-Dichloroethene	U		1.06	5.11	1	04/13/2025 17:23	WG2489596
1,2-Dichloropropane	U		1.45	5.11	1	04/13/2025 17:23	WG2489596
1,1-Dichloropropene	U		0.827	2.56	1	04/13/2025 17:23	WG2489596
1,3-Dichloropropane	U		0.512	5.11	1	04/13/2025 17:23	WG2489596
cis-1,3-Dichloropropene	U		0.774	2.56	1	04/13/2025 17:23	WG2489596
trans-1,3-Dichloropropene	U		1.17	5.11	1	04/13/2025 17:23	WG2489596
2,2-Dichloropropane	U		1.41	2.56	1	04/13/2025 17:23	WG2489596
Di-isopropyl ether	U		0.419	1.02	1	04/13/2025 17:23	WG2489596
Ethylbenzene	U		0.754	2.56	1	04/13/2025 17:23	WG2489596
Hexachloro-1,3-butadiene	U		6.14	25.6	1	04/13/2025 17:23	WG2489596
Isopropylbenzene	U		0.435	2.56	1	04/13/2025 17:23	WG2489596
p-Isopropyltoluene	U		2.61	5.11	1	04/13/2025 17:23	WG2489596
2-Butanone (MEK)	U		65.0	102	1	04/13/2025 17:23	WG2489596
Methylene Chloride	U		6.79	25.6	1	04/13/2025 17:23	WG2489596
4-Methyl-2-pentanone (MIBK)	U		2.33	25.6	1	04/13/2025 17:23	WG2489596
Methyl tert-butyl ether	U		0.358	1.02	1	04/13/2025 17:23	WG2489596
Naphthalene	U		4.99	12.8	1	04/13/2025 17:23	WG2489596
n-Propylbenzene	U		0.972	5.11	1	04/13/2025 17:23	WG2489596
Styrene	U		0.234	12.8	1	04/13/2025 17:23	WG2489596
1,1,1,2-Tetrachloroethane	U		0.970	2.56	1	04/13/2025 17:23	WG2489596
1,1,2,2-Tetrachloroethane	U		0.711	2.56	1	04/13/2025 17:23	WG2489596
1,1,2-Trichlorotrifluoroethane	U		0.771	2.56	1	04/13/2025 17:23	WG2489596
Tetrachloroethene	U		0.916	2.56	1	04/13/2025 17:23	WG2489596
Toluene	2.80	B J	1.33	5.11	1	04/13/2025 17:23	WG2489596
1,2,3-Trichlorobenzene	U		7.50	12.8	1	04/13/2025 17:23	WG2489596
1,2,4-Trichlorobenzene	U		4.50	12.8	1	04/13/2025 17:23	WG2489596
1,1,1-Trichloroethane	U		0.944	2.56	1	04/13/2025 17:23	WG2489596
1,1,2-Trichloroethane	U		0.611	2.56	1	04/13/2025 17:23	WG2489596
Trichloroethene	U		0.597	1.02	1	04/13/2025 17:23	WG2489596
Trichlorofluoromethane	U		0.846	2.56	1	04/13/2025 17:23	WG2489596
1,2,3-Trichloropropane	U		1.66	12.8	1	04/13/2025 17:23	WG2489596
1,2,4-Trimethylbenzene	U		1.62	5.11	1	04/13/2025 17:23	WG2489596
1,2,3-Trimethylbenzene	U		1.62	5.11	1	04/13/2025 17:23	WG2489596

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		2.05	5.11	1	04/13/2025 17:23	WG2489596
Vinyl chloride	U		1.19	2.56	1	04/13/2025 17:23	WG2489596
Xylenes, Total	U		0.900	6.65	1	04/13/2025 17:23	WG2489596
(S) Toluene-d8	*101*			*75.0-131*		*04/13/2025 17:23*	WG2489596
(S) 4-Bromofluorobenzene	*99.5*			*67.0-138*		*04/13/2025 17:23*	WG2489596
(S) 1,2-Dichloroethane-d4	*91.1*			*70.0-130*		*04/13/2025 17:23*	WG2489596

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		1630	4040	1	04/14/2025 01:08	WG2489494
C28-C36 Motor Oil Range	7300		277	4040	1	04/14/2025 01:08	WG2489494
(S) o-Terphenyl	*84.2*			*18.0-148*		*04/14/2025 01:08*	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		5.45	33.7	1	04/14/2025 11:27	WG2489487
Acenaphthylene	U		4.74	33.7	1	04/14/2025 11:27	WG2489487
Anthracene	U		6.00	33.7	1	04/14/2025 11:27	WG2489487
Benzidine	U		63.3	1690	1	04/14/2025 11:27	WG2489487
Benzo(a)anthracene	12.9	J	5.94	33.7	1	04/14/2025 11:27	WG2489487
Benzo(b)fluoranthene	13.3	J	6.28	33.7	1	04/14/2025 11:27	WG2489487
Benzo(k)fluoranthene	U		5.99	33.7	1	04/14/2025 11:27	WG2489487
Benzo(g,h,i)perylene	8.04	J	6.16	33.7	1	04/14/2025 11:27	WG2489487
Benzo(a)pyrene	21.4	J	6.26	33.7	1	04/14/2025 11:27	WG2489487
Bis(2-chlorethoxy)methane	U		10.1	337	1	04/14/2025 11:27	WG2489487
Bis(2-chloroethyl)ether	U	C3	11.1	337	1	04/14/2025 11:27	WG2489487
2,2-Oxybis(1-Chloropropane)	U		14.6	337	1	04/14/2025 11:27	WG2489487
4-Bromophenyl-phenylether	U		11.8	337	1	04/14/2025 11:27	WG2489487
2-Chloronaphthalene	U		5.92	33.7	1	04/14/2025 11:27	WG2489487
4-Chlorophenyl-phenylether	U	C3	11.7	337	1	04/14/2025 11:27	WG2489487
Chrysene	10.6	J	6.69	33.7	1	04/14/2025 11:27	WG2489487
Dibenz(a,h)anthracene	U		9.33	33.7	1	04/14/2025 11:27	WG2489487
1,2-Dichlorobenzene	U		9.98	337	1	04/14/2025 11:27	WG2489487
1,3-Dichlorobenzene	U		10.2	337	1	04/14/2025 11:27	WG2489487
1,4-Dichlorobenzene	U		10.0	337	1	04/14/2025 11:27	WG2489487
3,3-Dichlorobenzidine	U		12.4	337	1	04/14/2025 11:27	WG2489487
2,4-Dinitrotoluene	U		9.66	337	1	04/14/2025 11:27	WG2489487
2,6-Dinitrotoluene	U		11.0	337	1	04/14/2025 11:27	WG2489487
Fluoranthene	14.8	J	6.08	33.7	1	04/14/2025 11:27	WG2489487
Fluorene	U		5.48	33.7	1	04/14/2025 11:27	WG2489487
Hexachlorobenzene	U	C3	11.9	337	1	04/14/2025 11:27	WG2489487
Hexachloro-1,3-butadiene	U	C3	11.3	337	1	04/14/2025 11:27	WG2489487
Hexachlorocyclopentadiene	U		17.7	337	1	04/14/2025 11:27	WG2489487
Hexachloroethane	U		13.2	337	1	04/14/2025 11:27	WG2489487
Indeno(1,2,3-cd)pyrene	U		9.52	33.7	1	04/14/2025 11:27	WG2489487
Isophorone	U		10.3	337	1	04/14/2025 11:27	WG2489487
Naphthalene	U		8.45	33.7	1	04/14/2025 11:27	WG2489487
Nitrobenzene	U		11.7	337	1	04/14/2025 11:27	WG2489487
n-Nitrosodimethylamine	U		50.0	337	1	04/14/2025 11:27	WG2489487
n-Nitrosodiphenylamine	U		25.5	337	1	04/14/2025 11:27	WG2489487
n-Nitrosodi-n-propylamine	U		11.2	337	1	04/14/2025 11:27	WG2489487
Phenanthrene	U		6.68	33.7	1	04/14/2025 11:27	WG2489487
Benzylbutyl phthalate	U		10.5	337	1	04/14/2025 11:27	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		42.7	337	1	04/14/2025 11:27	WG2489487
Di-n-butyl phthalate	U		11.5	337	1	04/14/2025 11:27	WG2489487
Diethyl phthalate	U		11.1	337	1	04/14/2025 11:27	WG2489487
Dimethyl phthalate	U		71.4	337	1	04/14/2025 11:27	WG2489487
Di-n-octyl phthalate	U		22.8	337	1	04/14/2025 11:27	WG2489487
Pyrene	18.3	J	6.55	33.7	1	04/14/2025 11:27	WG2489487
1,2,4-Trichlorobenzene	U		10.5	337	1	04/14/2025 11:27	WG2489487
4-Chloro-3-methylphenol	U		10.9	337	1	04/14/2025 11:27	WG2489487
2-Chlorophenol	U		11.1	337	1	04/14/2025 11:27	WG2489487
2,4-Dichlorophenol	U		9.81	337	1	04/14/2025 11:27	WG2489487
2,4-Dimethylphenol	U	C3	8.80	337	1	04/14/2025 11:27	WG2489487
4,6-Dinitro-2-methylphenol	U	C3	76.3	337	1	04/14/2025 11:27	WG2489487
2,4-Dinitrophenol	U	C3	78.8	337	1	04/14/2025 11:27	WG2489487
2-Nitrophenol	U		12.0	337	1	04/14/2025 11:27	WG2489487
4-Nitrophenol	U		10.5	337	1	04/14/2025 11:27	WG2489487
Pentachlorophenol	U	C3	9.06	337	1	04/14/2025 11:27	WG2489487
Phenol	U		13.6	337	1	04/14/2025 11:27	WG2489487
2,4,6-Trichlorophenol	U		10.8	337	1	04/14/2025 11:27	WG2489487
(S) 2-Fluorophenol	*76.3*			*12.0-120*		*04/14/2025 11:27*	WG2489487
(S) Phenol-d5	*70.0*			*10.0-120*		*04/14/2025 11:27*	WG2489487
(S) Nitrobenzene-d5	*63.6*			*10.0-122*		*04/14/2025 11:27*	WG2489487
(S) 2-Fluorobiphenyl	*66.1*			*15.0-120*		*04/14/2025 11:27*	WG2489487
(S) 2,4,6-Tribromophenol	*56.1*			*10.0-127*		*04/14/2025 11:27*	WG2489487
(S) p-Terphenyl-d14	*73.7*			*10.0-120*		*04/14/2025 11:27*	WG2489487

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	99.1		1	04/13/2025 13:29	WG2489514

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		383	1010	1	04/14/2025 13:13	WG2489638

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		20.8	40.4	1	04/13/2025 19:39	WG2489631

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	507000		6140	20200	1	04/13/2025 23:04	WG2489658
Antimony	U		698	2020	1	04/13/2025 23:04	WG2489658
Arsenic	U		845	2020	1	04/13/2025 23:04	WG2489658
Barium	9950		85.8	505	1	04/13/2025 23:04	WG2489658
Beryllium	74.2	J	48.2	202	1	04/13/2025 23:04	WG2489658
Cadmium	U		65.9	505	1	04/13/2025 23:04	WG2489658
Calcium	1820000		19200	101000	1	04/13/2025 23:04	WG2489658
Chromium	777	J	216	1010	1	04/13/2025 23:04	WG2489658
Cobalt	760	J	179	1010	1	04/13/2025 23:04	WG2489658
Copper	950	J	360	2020	1	04/13/2025 23:04	WG2489658
Iron	1600000		2260	10100	1	04/13/2025 23:04	WG2489658
Lead	2000		329	505	1	04/13/2025 23:04	WG2489658
Magnesium	300000		20100	101000	1	04/13/2025 23:04	WG2489658
Manganese	51600		175	1010	1	04/13/2025 23:04	WG2489658
Nickel	841	J	202	2020	1	04/13/2025 23:04	WG2489658
Potassium	104000		21100	101000	1	04/13/2025 23:04	WG2489658
Selenium	U		1080	2020	1	04/13/2025 23:04	WG2489658
Silver	U		128	1010	1	04/13/2025 23:04	WG2489658
Sodium	48600	J	41600	101000	1	04/13/2025 23:04	WG2489658
Thallium	U		523	2020	1	04/13/2025 23:04	WG2489658
Vanadium	2400		387	2020	1	04/13/2025 23:04	WG2489658
Zinc	5340		983	5050	1	04/13/2025 23:04	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	28.3	B J	21.9	101	1	04/13/2025 18:26	WG2489567
(S) a,a,a-Trifluorotoluene(FID)	*97.1*			*77.0-120*		*04/13/2025 18:26*	WG2489567

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		37.2	51.0	1	04/13/2025 17:42	WG2489596
Acrylonitrile	U		3.68	12.7	1	04/13/2025 17:42	WG2489596
Benzene	U		0.476	1.02	1	04/13/2025 17:42	WG2489596
Bromobenzene	U		0.917	12.7	1	04/13/2025 17:42	WG2489596
Bromodichloromethane	U		0.739	2.55	1	04/13/2025 17:42	WG2489596
Bromoform	U		1.19	25.5	1	04/13/2025 17:42	WG2489596

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		2.01	12.7	1	04/13/2025 17:42	WG2489596
n-Butylbenzene	U		5.35	12.7	1	04/13/2025 17:42	WG2489596
sec-Butylbenzene	U		2.94	12.7	1	04/13/2025 17:42	WG2489596
tert-Butylbenzene	U		1.99	5.10	1	04/13/2025 17:42	WG2489596
Carbon tetrachloride	U		0.915	5.10	1	04/13/2025 17:42	WG2489596
Chlorobenzene	U		0.214	2.55	1	04/13/2025 17:42	WG2489596
Chlorodibromomethane	U		0.624	2.55	1	04/13/2025 17:42	WG2489596
Chloroethane	U		1.73	5.10	1	04/13/2025 17:42	WG2489596
Chloroform	U		1.05	2.55	1	04/13/2025 17:42	WG2489596
Chloromethane	U		4.43	12.7	1	04/13/2025 17:42	WG2489596
2-Chlorotoluene	U		0.882	2.55	1	04/13/2025 17:42	WG2489596
4-Chlorotoluene	U		0.459	5.10	1	04/13/2025 17:42	WG2489596
1,2-Dibromo-3-Chloropropane	U		3.98	25.5	1	04/13/2025 17:42	WG2489596
1,2-Dibromoethane	U		0.660	2.55	1	04/13/2025 17:42	WG2489596
Dibromomethane	U		0.764	5.10	1	04/13/2025 17:42	WG2489596
1,2-Dichlorobenzene	U		0.433	5.10	1	04/13/2025 17:42	WG2489596
1,3-Dichlorobenzene	U		0.612	5.10	1	04/13/2025 17:42	WG2489596
1,4-Dichlorobenzene	U		0.713	5.10	1	04/13/2025 17:42	WG2489596
Dichlorodifluoromethane	U	C3	1.64	5.10	1	04/13/2025 17:42	WG2489596
1,1-Dichloroethane	U		0.500	2.55	1	04/13/2025 17:42	WG2489596
1,2-Dichloroethane	U		0.662	2.55	1	04/13/2025 17:42	WG2489596
1,1-Dichloroethene	U		0.618	2.55	1	04/13/2025 17:42	WG2489596
cis-1,2-Dichloroethene	0.774	B J	0.748	2.55	1	04/13/2025 17:42	WG2489596
trans-1,2-Dichloroethene	U		1.06	5.10	1	04/13/2025 17:42	WG2489596
1,2-Dichloropropane	U		1.45	5.10	1	04/13/2025 17:42	WG2489596
1,1-Dichloropropene	U		0.825	2.55	1	04/13/2025 17:42	WG2489596
1,3-Dichloropropane	U		0.511	5.10	1	04/13/2025 17:42	WG2489596
cis-1,3-Dichloropropene	U		0.772	2.55	1	04/13/2025 17:42	WG2489596
trans-1,3-Dichloropropene	U		1.16	5.10	1	04/13/2025 17:42	WG2489596
2,2-Dichloropropane	U		1.41	2.55	1	04/13/2025 17:42	WG2489596
Di-isopropyl ether	U		0.418	1.02	1	04/13/2025 17:42	WG2489596
Ethylbenzene	U		0.751	2.55	1	04/13/2025 17:42	WG2489596
Hexachloro-1,3-butadiene	U		6.12	25.5	1	04/13/2025 17:42	WG2489596
Isopropylbenzene	U		0.433	2.55	1	04/13/2025 17:42	WG2489596
p-Isopropyltoluene	U		2.60	5.10	1	04/13/2025 17:42	WG2489596
2-Butanone (MEK)	U		64.7	102	1	04/13/2025 17:42	WG2489596
Methylene Chloride	U		6.77	25.5	1	04/13/2025 17:42	WG2489596
4-Methyl-2-pentanone (MIBK)	U		2.32	25.5	1	04/13/2025 17:42	WG2489596
Methyl tert-butyl ether	U		0.357	1.02	1	04/13/2025 17:42	WG2489596
Naphthalene	U		4.97	12.7	1	04/13/2025 17:42	WG2489596
n-Propylbenzene	U		0.968	5.10	1	04/13/2025 17:42	WG2489596
Styrene	U		0.233	12.7	1	04/13/2025 17:42	WG2489596
1,1,1,2-Tetrachloroethane	U		0.966	2.55	1	04/13/2025 17:42	WG2489596
1,1,2,2-Tetrachloroethane	U		0.708	2.55	1	04/13/2025 17:42	WG2489596
1,1,2-Trichlorotrifluoroethane	U		0.769	2.55	1	04/13/2025 17:42	WG2489596
Tetrachloroethene	U		0.913	2.55	1	04/13/2025 17:42	WG2489596
Toluene	2.62	B J	1.33	5.10	1	04/13/2025 17:42	WG2489596
1,2,3-Trichlorobenzene	U		7.47	12.7	1	04/13/2025 17:42	WG2489596
1,2,4-Trichlorobenzene	U		4.48	12.7	1	04/13/2025 17:42	WG2489596
1,1,1-Trichloroethane	U		0.941	2.55	1	04/13/2025 17:42	WG2489596
1,1,2-Trichloroethane	U		0.609	2.55	1	04/13/2025 17:42	WG2489596
Trichloroethene	U		0.595	1.02	1	04/13/2025 17:42	WG2489596
Trichlorofluoromethane	U		0.843	2.55	1	04/13/2025 17:42	WG2489596
1,2,3-Trichloropropane	U		1.65	12.7	1	04/13/2025 17:42	WG2489596
1,2,4-Trimethylbenzene	U		1.61	5.10	1	04/13/2025 17:42	WG2489596
1,2,3-Trimethylbenzene	U		1.61	5.10	1	04/13/2025 17:42	WG2489596

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		2.04	5.10	1	04/13/2025 17:42	WG2489596
Vinyl chloride	U		1.18	2.55	1	04/13/2025 17:42	WG2489596
Xylenes, Total	U		0.897	6.63	1	04/13/2025 17:42	WG2489596
(S) Toluene-d8	*99.9*			*75.0-131*		*04/13/2025 17:42*	WG2489596
(S) 4-Bromofluorobenzene	*98.6*			*67.0-138*		*04/13/2025 17:42*	WG2489596
(S) 1,2-Dichloroethane-d4	*91.7*			*70.0-130*		*04/13/2025 17:42*	WG2489596

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		1630	4040	1	04/14/2025 00:43	WG2489494
C28-C36 Motor Oil Range	5280		277	4040	1	04/14/2025 00:43	WG2489494
(S) o-Terphenyl	*83.4*			*18.0-148*		*04/14/2025 00:43*	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		5.44	33.6	1	04/14/2025 09:54	WG2489487
Acenaphthylene	U		4.73	33.6	1	04/14/2025 09:54	WG2489487
Anthracene	U		5.99	33.6	1	04/14/2025 09:54	WG2489487
Benzidine	U	C7	63.2	1690	1	04/14/2025 09:54	WG2489487
Benzo(a)anthracene	U		5.93	33.6	1	04/14/2025 09:54	WG2489487
Benzo(b)fluoranthene	U		6.27	33.6	1	04/14/2025 09:54	WG2489487
Benzo(k)fluoranthene	U		5.98	33.6	1	04/14/2025 09:54	WG2489487
Benzo(g,h,i)perylene	U		6.15	33.6	1	04/14/2025 09:54	WG2489487
Benzo(a)pyrene	U		6.25	33.6	1	04/14/2025 09:54	WG2489487
Bis(2-chlorethoxy)methane	U		10.1	336	1	04/14/2025 09:54	WG2489487
Bis(2-chloroethyl)ether	U	C3	11.1	336	1	04/14/2025 09:54	WG2489487
2,2-Oxybis(1-Chloropropane)	U	C3	14.5	336	1	04/14/2025 09:54	WG2489487
4-Bromophenyl-phenylether	U		11.8	336	1	04/14/2025 09:54	WG2489487
2-Chloronaphthalene	U		5.91	33.6	1	04/14/2025 09:54	WG2489487
4-Chlorophenyl-phenylether	U		11.7	336	1	04/14/2025 09:54	WG2489487
Chrysene	U		6.68	33.6	1	04/14/2025 09:54	WG2489487
Dibenz(a,h)anthracene	U		9.32	33.6	1	04/14/2025 09:54	WG2489487
1,2-Dichlorobenzene	U		9.96	336	1	04/14/2025 09:54	WG2489487
1,3-Dichlorobenzene	U		10.2	336	1	04/14/2025 09:54	WG2489487
1,4-Dichlorobenzene	U		10.0	336	1	04/14/2025 09:54	WG2489487
3,3-Dichlorobenzidine	U		12.4	336	1	04/14/2025 09:54	WG2489487
2,4-Dinitrotoluene	U		9.64	336	1	04/14/2025 09:54	WG2489487
2,6-Dinitrotoluene	U		11.0	336	1	04/14/2025 09:54	WG2489487
Fluoranthene	U		6.07	33.6	1	04/14/2025 09:54	WG2489487
Fluorene	U		5.47	33.6	1	04/14/2025 09:54	WG2489487
Hexachlorobenzene	U		11.9	336	1	04/14/2025 09:54	WG2489487
Hexachloro-1,3-butadiene	U		11.3	336	1	04/14/2025 09:54	WG2489487
Hexachlorocyclopentadiene	U	C7	17.7	336	1	04/14/2025 09:54	WG2489487
Hexachloroethane	U		13.2	336	1	04/14/2025 09:54	WG2489487
Indeno(1,2,3-cd)pyrene	U		9.50	33.6	1	04/14/2025 09:54	WG2489487
Isophorone	U		10.3	336	1	04/14/2025 09:54	WG2489487
Naphthalene	U		8.44	33.6	1	04/14/2025 09:54	WG2489487
Nitrobenzene	U		11.7	336	1	04/14/2025 09:54	WG2489487
n-Nitrosodimethylamine	U		49.9	336	1	04/14/2025 09:54	WG2489487
n-Nitrosodiphenylamine	U		25.4	336	1	04/14/2025 09:54	WG2489487
n-Nitrosodi-n-propylamine	U		11.2	336	1	04/14/2025 09:54	WG2489487
Phenanthrene	U		6.67	33.6	1	04/14/2025 09:54	WG2489487
Benzylbutyl phthalate	U		10.5	336	1	04/14/2025 09:54	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		42.6	336	1	04/14/2025 09:54	WG2489487
Di-n-butyl phthalate	U		11.5	336	1	04/14/2025 09:54	WG2489487
Diethyl phthalate	U		11.1	336	1	04/14/2025 09:54	WG2489487
Dimethyl phthalate	U		71.3	336	1	04/14/2025 09:54	WG2489487
Di-n-octyl phthalate	U		22.7	336	1	04/14/2025 09:54	WG2489487
Pyrene	U		6.54	33.6	1	04/14/2025 09:54	WG2489487
1,2,4-Trichlorobenzene	U		10.5	336	1	04/14/2025 09:54	WG2489487
4-Chloro-3-methylphenol	U		10.9	336	1	04/14/2025 09:54	WG2489487
2-Chlorophenol	U		11.1	336	1	04/14/2025 09:54	WG2489487
2,4-Dichlorophenol	U		9.79	336	1	04/14/2025 09:54	WG2489487
2,4-Dimethylphenol	U	C3	8.78	336	1	04/14/2025 09:54	WG2489487
4,6-Dinitro-2-methylphenol	U		76.2	336	1	04/14/2025 09:54	WG2489487
2,4-Dinitrophenol	U		78.6	336	1	04/14/2025 09:54	WG2489487
2-Nitrophenol	U		12.0	336	1	04/14/2025 09:54	WG2489487
4-Nitrophenol	U		10.5	336	1	04/14/2025 09:54	WG2489487
Pentachlorophenol	U		9.05	336	1	04/14/2025 09:54	WG2489487
Phenol	U		13.5	336	1	04/14/2025 09:54	WG2489487
2,4,6-Trichlorophenol	U		10.8	336	1	04/14/2025 09:54	WG2489487
(S) 2-Fluorophenol	*74.6*			*12.0-120*		*04/14/2025 09:54*	WG2489487
(S) Phenol-d5	*66.9*			*10.0-120*		*04/14/2025 09:54*	WG2489487
(S) Nitrobenzene-d5	*69.5*			*10.0-122*		*04/14/2025 09:54*	WG2489487
(S) 2-Fluorobiphenyl	*77.3*			*15.0-120*		*04/14/2025 09:54*	WG2489487
(S) 2,4,6-Tribromophenol	*76.7*			*10.0-127*		*04/14/2025 09:54*	WG2489487
(S) p-Terphenyl-d14	*79.8*			*10.0-120*		*04/14/2025 09:54*	WG2489487

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	97.8		1	04/13/2025 13:29	WG2489514

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		388	1020	1	04/14/2025 13:22	WG2489638

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		21.1	40.9	1	04/13/2025 19:41	WG2489631

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	476000		6220	20500	1	04/13/2025 21:47	WG2489658
Antimony	U		707	2050	1	04/13/2025 21:47	WG2489658
Arsenic	862	J	856	2050	1	04/13/2025 21:47	WG2489658
Barium	10100		86.9	511	1	04/13/2025 21:47	WG2489658
Beryllium	75.4	J	48.8	205	1	04/13/2025 21:47	WG2489658
Cadmium	U		66.8	511	1	04/13/2025 21:47	WG2489658
Calcium	3270000		19400	102000	1	04/13/2025 21:47	WG2489658
Chromium	804	J	219	1020	1	04/13/2025 21:47	WG2489658
Cobalt	759	J	181	1020	1	04/13/2025 21:47	WG2489658
Copper	907	J	365	2050	1	04/13/2025 21:47	WG2489658
Iron	2050000		2290	10200	1	04/13/2025 21:47	WG2489658
Lead	4600		333	511	1	04/13/2025 21:47	WG2489658
Magnesium	348000		20400	102000	1	04/13/2025 21:47	WG2489658
Manganese	55100		177	1020	1	04/13/2025 21:47	WG2489658
Nickel	900	J	205	2050	1	04/13/2025 21:47	WG2489658
Potassium	135000		21400	102000	1	04/13/2025 21:47	WG2489658
Selenium	U		1090	2050	1	04/13/2025 21:47	WG2489658
Silver	U		130	1020	1	04/13/2025 21:47	WG2489658
Sodium	51400	J	42100	102000	1	04/13/2025 21:47	WG2489658
Thallium	U		530	2050	1	04/13/2025 21:47	WG2489658
Vanadium	3570		392	2050	1	04/13/2025 21:47	WG2489658
Zinc	6950		996	5110	1	04/13/2025 21:47	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	25.4	B J	22.2	102	1	04/13/2025 18:55	WG2489567
(S) a,a,a-Trifluorotoluene(FID)	*97.5*			*77.0-120*		*04/13/2025 18:55*	WG2489567

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		38.2	52.3	1	04/13/2025 18:02	WG2489596
Acrylonitrile	U		3.78	13.1	1	04/13/2025 18:02	WG2489596
Benzene	U		0.489	1.05	1	04/13/2025 18:02	WG2489596
Bromobenzene	U		0.942	13.1	1	04/13/2025 18:02	WG2489596
Bromodichloromethane	U		0.759	2.62	1	04/13/2025 18:02	WG2489596
Bromoform	U		1.22	26.2	1	04/13/2025 18:02	WG2489596

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		2.06	13.1	1	04/13/2025 18:02	WG2489596
n-Butylbenzene	U		5.49	13.1	1	04/13/2025 18:02	WG2489596
sec-Butylbenzene	U		3.01	13.1	1	04/13/2025 18:02	WG2489596
tert-Butylbenzene	U		2.04	5.23	1	04/13/2025 18:02	WG2489596
Carbon tetrachloride	U		0.940	5.23	1	04/13/2025 18:02	WG2489596
Chlorobenzene	U		0.220	2.62	1	04/13/2025 18:02	WG2489596
Chlorodibromomethane	U		0.641	2.62	1	04/13/2025 18:02	WG2489596
Chloroethane	U		1.78	5.23	1	04/13/2025 18:02	WG2489596
Chloroform	1.11	B J	1.08	2.62	1	04/13/2025 18:02	WG2489596
Chloromethane	U		4.55	13.1	1	04/13/2025 18:02	WG2489596
2-Chlorotoluene	U		0.905	2.62	1	04/13/2025 18:02	WG2489596
4-Chlorotoluene	U		0.471	5.23	1	04/13/2025 18:02	WG2489596
1,2-Dibromo-3-Chloropropane	U		4.08	26.2	1	04/13/2025 18:02	WG2489596
1,2-Dibromoethane	U		0.678	2.62	1	04/13/2025 18:02	WG2489596
Dibromomethane	U		0.785	5.23	1	04/13/2025 18:02	WG2489596
1,2-Dichlorobenzene	U		0.445	5.23	1	04/13/2025 18:02	WG2489596
1,3-Dichlorobenzene	U		0.628	5.23	1	04/13/2025 18:02	WG2489596
1,4-Dichlorobenzene	U		0.733	5.23	1	04/13/2025 18:02	WG2489596
Dichlorodifluoromethane	U	C3	1.69	5.23	1	04/13/2025 18:02	WG2489596
1,1-Dichloroethane	U		0.514	2.62	1	04/13/2025 18:02	WG2489596
1,2-Dichloroethane	U		0.679	2.62	1	04/13/2025 18:02	WG2489596
1,1-Dichloroethene	U		0.634	2.62	1	04/13/2025 18:02	WG2489596
cis-1,2-Dichloroethene	0.929	B J	0.768	2.62	1	04/13/2025 18:02	WG2489596
trans-1,2-Dichloroethene	U		1.09	5.23	1	04/13/2025 18:02	WG2489596
1,2-Dichloropropane	U		1.49	5.23	1	04/13/2025 18:02	WG2489596
1,1-Dichloropropene	U		0.847	2.62	1	04/13/2025 18:02	WG2489596
1,3-Dichloropropane	U		0.524	5.23	1	04/13/2025 18:02	WG2489596
cis-1,3-Dichloropropene	U		0.792	2.62	1	04/13/2025 18:02	WG2489596
trans-1,3-Dichloropropene	U		1.19	5.23	1	04/13/2025 18:02	WG2489596
2,2-Dichloropropane	U		1.44	2.62	1	04/13/2025 18:02	WG2489596
Di-isopropyl ether	U		0.429	1.05	1	04/13/2025 18:02	WG2489596
Ethylbenzene	U		0.771	2.62	1	04/13/2025 18:02	WG2489596
Hexachloro-1,3-butadiene	U		6.28	26.2	1	04/13/2025 18:02	WG2489596
Isopropylbenzene	U		0.445	2.62	1	04/13/2025 18:02	WG2489596
p-Isopropyltoluene	U		2.67	5.23	1	04/13/2025 18:02	WG2489596
2-Butanone (MEK)	U		66.5	105	1	04/13/2025 18:02	WG2489596
Methylene Chloride	U		6.95	26.2	1	04/13/2025 18:02	WG2489596
4-Methyl-2-pentanone (MIBK)	U		2.39	26.2	1	04/13/2025 18:02	WG2489596
Methyl tert-butyl ether	U		0.366	1.05	1	04/13/2025 18:02	WG2489596
Naphthalene	U		5.11	13.1	1	04/13/2025 18:02	WG2489596
n-Propylbenzene	U		0.994	5.23	1	04/13/2025 18:02	WG2489596
Styrene	U		0.240	13.1	1	04/13/2025 18:02	WG2489596
1,1,1,2-Tetrachloroethane	U		0.992	2.62	1	04/13/2025 18:02	WG2489596
1,1,2,2-Tetrachloroethane	U		0.727	2.62	1	04/13/2025 18:02	WG2489596
1,1,2-Trichlorotrifluoroethane	U		0.789	2.62	1	04/13/2025 18:02	WG2489596
Tetrachloroethene	U		0.938	2.62	1	04/13/2025 18:02	WG2489596
Toluene	2.59	B J	1.36	5.23	1	04/13/2025 18:02	WG2489596
1,2,3-Trichlorobenzene	U		7.67	13.1	1	04/13/2025 18:02	WG2489596
1,2,4-Trichlorobenzene	U		4.61	13.1	1	04/13/2025 18:02	WG2489596
1,1,1-Trichloroethane	U		0.966	2.62	1	04/13/2025 18:02	WG2489596
1,1,2-Trichloroethane	U		0.625	2.62	1	04/13/2025 18:02	WG2489596
Trichloroethene	U		0.611	1.05	1	04/13/2025 18:02	WG2489596
Trichlorofluoromethane	U		0.866	2.62	1	04/13/2025 18:02	WG2489596
1,2,3-Trichloropropane	U		1.70	13.1	1	04/13/2025 18:02	WG2489596
1,2,4-Trimethylbenzene	U		1.65	5.23	1	04/13/2025 18:02	WG2489596
1,2,3-Trimethylbenzene	U		1.65	5.23	1	04/13/2025 18:02	WG2489596

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		2.09	5.23	1	04/13/2025 18:02	WG2489596
Vinyl chloride	U		1.21	2.62	1	04/13/2025 18:02	WG2489596
Xylenes, Total	U		0.921	6.80	1	04/13/2025 18:02	WG2489596
(S) Toluene-d8	*101*			*75.0-131*		*04/13/2025 18:02*	WG2489596
(S) 4-Bromofluorobenzene	*98.5*			*67.0-138*		*04/13/2025 18:02*	WG2489596
(S) 1,2-Dichloroethane-d4	*91.6*			*70.0-130*		*04/13/2025 18:02*	WG2489596

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		1650	4090	1	04/13/2025 22:42	WG2489494
C28-C36 Motor Oil Range	3910	J	280	4090	1	04/13/2025 22:42	WG2489494
(S) o-Terphenyl	*65.7*			*18.0-148*		*04/13/2025 22:42*	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		5.51	34.1	1	04/14/2025 10:35	WG2489487
Acenaphthylene	U		4.80	34.1	1	04/14/2025 10:35	WG2489487
Anthracene	U		6.07	34.1	1	04/14/2025 10:35	WG2489487
Benzidine	U	C7	64.0	1710	1	04/14/2025 10:35	WG2489487
Benzo(a)anthracene	U		6.00	34.1	1	04/14/2025 10:35	WG2489487
Benzo(b)fluoranthene	U		6.35	34.1	1	04/14/2025 10:35	WG2489487
Benzo(k)fluoranthene	U		6.06	34.1	1	04/14/2025 10:35	WG2489487
Benzo(g,h,i)perylene	U		6.23	34.1	1	04/14/2025 10:35	WG2489487
Benzo(a)pyrene	U		6.33	34.1	1	04/14/2025 10:35	WG2489487
Bis(2-chlorethoxy)methane	U		10.2	341	1	04/14/2025 10:35	WG2489487
Bis(2-chloroethyl)ether	U	C3	11.3	341	1	04/14/2025 10:35	WG2489487
2,2-Oxybis(1-Chloropropane)	U	C3	14.7	341	1	04/14/2025 10:35	WG2489487
4-Bromophenyl-phenylether	U		12.0	341	1	04/14/2025 10:35	WG2489487
2-Chloronaphthalene	U		5.98	34.1	1	04/14/2025 10:35	WG2489487
4-Chlorophenyl-phenylether	U		11.9	341	1	04/14/2025 10:35	WG2489487
Chrysene	U		6.77	34.1	1	04/14/2025 10:35	WG2489487
Dibenz(a,h)anthracene	U		9.44	34.1	1	04/14/2025 10:35	WG2489487
1,2-Dichlorobenzene	U		10.1	341	1	04/14/2025 10:35	WG2489487
1,3-Dichlorobenzene	U		10.3	341	1	04/14/2025 10:35	WG2489487
1,4-Dichlorobenzene	U		10.1	341	1	04/14/2025 10:35	WG2489487
3,3-Dichlorobenzidine	U		12.6	341	1	04/14/2025 10:35	WG2489487
2,4-Dinitrotoluene	U		9.77	341	1	04/14/2025 10:35	WG2489487
2,6-Dinitrotoluene	U		11.1	341	1	04/14/2025 10:35	WG2489487
Fluoranthene	U		6.15	34.1	1	04/14/2025 10:35	WG2489487
Fluorene	U		5.54	34.1	1	04/14/2025 10:35	WG2489487
Hexachlorobenzene	U		12.1	341	1	04/14/2025 10:35	WG2489487
Hexachloro-1,3-butadiene	U		11.5	341	1	04/14/2025 10:35	WG2489487
Hexachlorocyclopentadiene	U	C7	17.9	341	1	04/14/2025 10:35	WG2489487
Hexachloroethane	U		13.4	341	1	04/14/2025 10:35	WG2489487
Indeno(1,2,3-cd)pyrene	U		9.63	34.1	1	04/14/2025 10:35	WG2489487
Isophorone	U		10.4	341	1	04/14/2025 10:35	WG2489487
Naphthalene	U		8.55	34.1	1	04/14/2025 10:35	WG2489487
Nitrobenzene	U		11.9	341	1	04/14/2025 10:35	WG2489487
n-Nitrosodimethylamine	U		50.5	341	1	04/14/2025 10:35	WG2489487
n-Nitrosodiphenylamine	U		25.8	341	1	04/14/2025 10:35	WG2489487
n-Nitrosodi-n-propylamine	U		11.4	341	1	04/14/2025 10:35	WG2489487
Phenanthrene	U		6.76	34.1	1	04/14/2025 10:35	WG2489487
Benzylbutyl phthalate	U		10.6	341	1	04/14/2025 10:35	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		43.2	341	1	04/14/2025 10:35	WG2489487
Di-n-butyl phthalate	U		11.7	341	1	04/14/2025 10:35	WG2489487
Diethyl phthalate	U		11.3	341	1	04/14/2025 10:35	WG2489487
Dimethyl phthalate	U		72.2	341	1	04/14/2025 10:35	WG2489487
Di-n-octyl phthalate	U		23.0	341	1	04/14/2025 10:35	WG2489487
Pyrene	U		6.63	34.1	1	04/14/2025 10:35	WG2489487
1,2,4-Trichlorobenzene	U		10.6	341	1	04/14/2025 10:35	WG2489487
4-Chloro-3-methylphenol	U		11.0	341	1	04/14/2025 10:35	WG2489487
2-Chlorophenol	U		11.3	341	1	04/14/2025 10:35	WG2489487
2,4-Dichlorophenol	U		9.92	341	1	04/14/2025 10:35	WG2489487
2,4-Dimethylphenol	U	C3	8.90	341	1	04/14/2025 10:35	WG2489487
4,6-Dinitro-2-methylphenol	U		77.2	341	1	04/14/2025 10:35	WG2489487
2,4-Dinitrophenol	U		79.7	341	1	04/14/2025 10:35	WG2489487
2-Nitrophenol	U		12.2	341	1	04/14/2025 10:35	WG2489487
4-Nitrophenol	U		10.6	341	1	04/14/2025 10:35	WG2489487
Pentachlorophenol	U		9.16	341	1	04/14/2025 10:35	WG2489487
Phenol	U		13.7	341	1	04/14/2025 10:35	WG2489487
2,4,6-Trichlorophenol	U		10.9	341	1	04/14/2025 10:35	WG2489487
(S) 2-Fluorophenol	*66.2*			*12.0-120*		*04/14/2025 10:35*	WG2489487
(S) Phenol-d5	*59.9*			*10.0-120*		*04/14/2025 10:35*	WG2489487
(S) Nitrobenzene-d5	*59.1*			*10.0-122*		*04/14/2025 10:35*	WG2489487
(S) 2-Fluorobiphenyl	*66.2*			*15.0-120*		*04/14/2025 10:35*	WG2489487
(S) 2,4,6-Tribromophenol	*68.3*			*10.0-127*		*04/14/2025 10:35*	WG2489487
(S) p-Terphenyl-d14	*70.7*			*10.0-120*		*04/14/2025 10:35*	WG2489487

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	99.0		1	04/13/2025 13:29	WG2489514

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		383	1010	1	04/14/2025 13:31	WG2489638

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		20.8	40.4	1	04/13/2025 19:44	WG2489631

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	538000		6140	20200	1	04/13/2025 23:23	WG2489697
Antimony	U		698	2020	1	04/13/2025 23:23	WG2489697
Arsenic	857	J	845	2020	1	04/13/2025 23:23	WG2489697
Barium	10300		85.8	505	1	04/13/2025 23:23	WG2489697
Beryllium	118	J	48.2	202	1	04/13/2025 23:23	WG2489697
Cadmium	U		65.9	505	1	04/13/2025 23:23	WG2489697
Calcium	2350000		19200	101000	1	04/13/2025 23:23	WG2489697
Chromium	926	J	216	1010	1	04/13/2025 23:23	WG2489697
Cobalt	856	J	179	1010	1	04/13/2025 23:23	WG2489697
Copper	914	J	361	2020	1	04/13/2025 23:23	WG2489697
Iron	3530000		2260	10100	1	04/13/2025 23:23	WG2489697
Lead	2090		329	505	1	04/13/2025 23:23	WG2489697
Magnesium	342000		20100	101000	1	04/13/2025 23:23	WG2489697
Manganese	70300		175	1010	1	04/13/2025 23:23	WG2489697
Nickel	1370	J	202	2020	1	04/13/2025 23:23	WG2489697
Potassium	130000		21100	101000	1	04/13/2025 23:23	WG2489697
Selenium	U		1080	2020	1	04/13/2025 23:23	WG2489697
Silver	U		128	1010	1	04/13/2025 23:23	WG2489697
Sodium	U		41600	101000	1	04/13/2025 23:23	WG2489697
Thallium	U		523	2020	1	04/13/2025 23:23	WG2489697
Vanadium	4180		387	2020	1	04/13/2025 23:23	WG2489697
Zinc	8350		984	5050	1	04/13/2025 23:23	WG2489697

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	24.5	B J	21.9	101	1	04/13/2025 19:17	WG2489567
(S) a,a,a-Trifluorotoluene(FID)	*97.7*			*77.0-120*		*04/13/2025 19:17*	WG2489567

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		37.2	51.0	1	04/13/2025 18:21	WG2489596
Acrylonitrile	U		3.68	12.7	1	04/13/2025 18:21	WG2489596
Benzene	U		0.476	1.02	1	04/13/2025 18:21	WG2489596
Bromobenzene	U		0.918	12.7	1	04/13/2025 18:21	WG2489596
Bromodichloromethane	U		0.739	2.55	1	04/13/2025 18:21	WG2489596
Bromoform	U		1.19	25.5	1	04/13/2025 18:21	WG2489596

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		2.01	12.7	1	04/13/2025 18:21	WG2489596
n-Butylbenzene	U		5.35	12.7	1	04/13/2025 18:21	WG2489596
sec-Butylbenzene	U		2.94	12.7	1	04/13/2025 18:21	WG2489596
tert-Butylbenzene	U		1.99	5.10	1	04/13/2025 18:21	WG2489596
Carbon tetrachloride	U		0.916	5.10	1	04/13/2025 18:21	WG2489596
Chlorobenzene	U		0.214	2.55	1	04/13/2025 18:21	WG2489596
Chlorodibromomethane	U		0.624	2.55	1	04/13/2025 18:21	WG2489596
Chloroethane	U		1.73	5.10	1	04/13/2025 18:21	WG2489596
Chloroform	1.25	B J	1.05	2.55	1	04/13/2025 18:21	WG2489596
Chloromethane	U		4.44	12.7	1	04/13/2025 18:21	WG2489596
2-Chlorotoluene	U		0.882	2.55	1	04/13/2025 18:21	WG2489596
4-Chlorotoluene	U		0.459	5.10	1	04/13/2025 18:21	WG2489596
1,2-Dibromo-3-Chloropropane	U		3.98	25.5	1	04/13/2025 18:21	WG2489596
1,2-Dibromoethane	U		0.661	2.55	1	04/13/2025 18:21	WG2489596
Dibromomethane	U		0.765	5.10	1	04/13/2025 18:21	WG2489596
1,2-Dichlorobenzene	U		0.433	5.10	1	04/13/2025 18:21	WG2489596
1,3-Dichlorobenzene	U		0.612	5.10	1	04/13/2025 18:21	WG2489596
1,4-Dichlorobenzene	U		0.714	5.10	1	04/13/2025 18:21	WG2489596
Dichlorodifluoromethane	U	C3	1.64	5.10	1	04/13/2025 18:21	WG2489596
1,1-Dichloroethane	U		0.501	2.55	1	04/13/2025 18:21	WG2489596
1,2-Dichloroethane	U		0.662	2.55	1	04/13/2025 18:21	WG2489596
1,1-Dichloroethene	U		0.618	2.55	1	04/13/2025 18:21	WG2489596
cis-1,2-Dichloroethene	U		0.749	2.55	1	04/13/2025 18:21	WG2489596
trans-1,2-Dichloroethene	U		1.06	5.10	1	04/13/2025 18:21	WG2489596
1,2-Dichloropropane	U		1.45	5.10	1	04/13/2025 18:21	WG2489596
1,1-Dichloropropene	U		0.825	2.55	1	04/13/2025 18:21	WG2489596
1,3-Dichloropropane	U		0.511	5.10	1	04/13/2025 18:21	WG2489596
cis-1,3-Dichloropropene	U		0.772	2.55	1	04/13/2025 18:21	WG2489596
trans-1,3-Dichloropropene	U		1.16	5.10	1	04/13/2025 18:21	WG2489596
2,2-Dichloropropane	U		1.41	2.55	1	04/13/2025 18:21	WG2489596
Di-isopropyl ether	U		0.418	1.02	1	04/13/2025 18:21	WG2489596
Ethylbenzene	U		0.752	2.55	1	04/13/2025 18:21	WG2489596
Hexachloro-1,3-butadiene	U		6.12	25.5	1	04/13/2025 18:21	WG2489596
Isopropylbenzene	U		0.433	2.55	1	04/13/2025 18:21	WG2489596
p-Isopropyltoluene	U		2.60	5.10	1	04/13/2025 18:21	WG2489596
2-Butanone (MEK)	U		64.8	102	1	04/13/2025 18:21	WG2489596
Methylene Chloride	U		6.77	25.5	1	04/13/2025 18:21	WG2489596
4-Methyl-2-pentanone (MIBK)	U		2.33	25.5	1	04/13/2025 18:21	WG2489596
Methyl tert-butyl ether	U		0.357	1.02	1	04/13/2025 18:21	WG2489596
Naphthalene	U		4.98	12.7	1	04/13/2025 18:21	WG2489596
n-Propylbenzene	U		0.969	5.10	1	04/13/2025 18:21	WG2489596
Styrene	U		0.234	12.7	1	04/13/2025 18:21	WG2489596
1,1,1,2-Tetrachloroethane	U		0.967	2.55	1	04/13/2025 18:21	WG2489596
1,1,2,2-Tetrachloroethane	U		0.709	2.55	1	04/13/2025 18:21	WG2489596
1,1,2-Trichlorotrifluoroethane	U		0.769	2.55	1	04/13/2025 18:21	WG2489596
Tetrachloroethene	U		0.914	2.55	1	04/13/2025 18:21	WG2489596
Toluene	2.63	B J	1.33	5.10	1	04/13/2025 18:21	WG2489596
1,2,3-Trichlorobenzene	U		7.48	12.7	1	04/13/2025 18:21	WG2489596
1,2,4-Trichlorobenzene	U		4.49	12.7	1	04/13/2025 18:21	WG2489596
1,1,1-Trichloroethane	U		0.941	2.55	1	04/13/2025 18:21	WG2489596
1,1,2-Trichloroethane	U		0.609	2.55	1	04/13/2025 18:21	WG2489596
Trichloroethene	U		0.596	1.02	1	04/13/2025 18:21	WG2489596
Trichlorofluoromethane	U		0.843	2.55	1	04/13/2025 18:21	WG2489596
1,2,3-Trichloropropane	U		1.65	12.7	1	04/13/2025 18:21	WG2489596
1,2,4-Trimethylbenzene	U		1.61	5.10	1	04/13/2025 18:21	WG2489596
1,2,3-Trimethylbenzene	U		1.61	5.10	1	04/13/2025 18:21	WG2489596

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		2.04	5.10	1	04/13/2025 18:21	WG2489596
Vinyl chloride	U		1.18	2.55	1	04/13/2025 18:21	WG2489596
Xylenes, Total	U		0.897	6.63	1	04/13/2025 18:21	WG2489596
(S) Toluene-d8	*101*			*75.0-131*		*04/13/2025 18:21*	WG2489596
(S) 4-Bromofluorobenzene	*99.8*			*67.0-138*		*04/13/2025 18:21*	WG2489596
(S) 1,2-Dichloroethane-d4	*95.1*			*70.0-130*		*04/13/2025 18:21*	WG2489596

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	2820	J	1630	4040	1	04/13/2025 22:55	WG2489494
C28-C36 Motor Oil Range	5480		277	4040	1	04/13/2025 22:55	WG2489494
(S) o-Terphenyl	*67.9*			*18.0-148*		*04/13/2025 22:55*	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		5.44	33.6	1	04/14/2025 10:56	WG2489487
Acenaphthylene	U		4.74	33.6	1	04/14/2025 10:56	WG2489487
Anthracene	U		5.99	33.6	1	04/14/2025 10:56	WG2489487
Benzidine	U	C7	63.2	1690	1	04/14/2025 10:56	WG2489487
Benzo(a)anthracene	U		5.93	33.6	1	04/14/2025 10:56	WG2489487
Benzo(b)fluoranthene	U		6.27	33.6	1	04/14/2025 10:56	WG2489487
Benzo(k)fluoranthene	U		5.98	33.6	1	04/14/2025 10:56	WG2489487
Benzo(g,h,i)perylene	U		6.15	33.6	1	04/14/2025 10:56	WG2489487
Benzo(a)pyrene	U		6.25	33.6	1	04/14/2025 10:56	WG2489487
Bis(2-chlorethoxy)methane	U		10.1	336	1	04/14/2025 10:56	WG2489487
Bis(2-chloroethyl)ether	U	C3	11.1	336	1	04/14/2025 10:56	WG2489487
2,2-Oxybis(1-Chloropropane)	U	C3	14.5	336	1	04/14/2025 10:56	WG2489487
4-Bromophenyl-phenylether	U		11.8	336	1	04/14/2025 10:56	WG2489487
2-Chloronaphthalene	U		5.91	33.6	1	04/14/2025 10:56	WG2489487
4-Chlorophenyl-phenylether	U		11.7	336	1	04/14/2025 10:56	WG2489487
Chrysene	U		6.69	33.6	1	04/14/2025 10:56	WG2489487
Dibenz(a,h)anthracene	U		9.32	33.6	1	04/14/2025 10:56	WG2489487
1,2-Dichlorobenzene	U		9.97	336	1	04/14/2025 10:56	WG2489487
1,3-Dichlorobenzene	U		10.2	336	1	04/14/2025 10:56	WG2489487
1,4-Dichlorobenzene	U		10.0	336	1	04/14/2025 10:56	WG2489487
3,3-Dichlorobenzidine	U		12.4	336	1	04/14/2025 10:56	WG2489487
2,4-Dinitrotoluene	U		9.64	336	1	04/14/2025 10:56	WG2489487
2,6-Dinitrotoluene	U		11.0	336	1	04/14/2025 10:56	WG2489487
Fluoranthene	U		6.07	33.6	1	04/14/2025 10:56	WG2489487
Fluorene	U		5.47	33.6	1	04/14/2025 10:56	WG2489487
Hexachlorobenzene	U		11.9	336	1	04/14/2025 10:56	WG2489487
Hexachloro-1,3-butadiene	U		11.3	336	1	04/14/2025 10:56	WG2489487
Hexachlorocyclopentadiene	U	C7	17.7	336	1	04/14/2025 10:56	WG2489487
Hexachloroethane	U		13.2	336	1	04/14/2025 10:56	WG2489487
Indeno(1,2,3-cd)pyrene	U		9.50	33.6	1	04/14/2025 10:56	WG2489487
Isophorone	U		10.3	336	1	04/14/2025 10:56	WG2489487
Naphthalene	U		8.44	33.6	1	04/14/2025 10:56	WG2489487
Nitrobenzene	U		11.7	336	1	04/14/2025 10:56	WG2489487
n-Nitrosodimethylamine	U		49.9	336	1	04/14/2025 10:56	WG2489487
n-Nitrosodiphenylamine	U		25.4	336	1	04/14/2025 10:56	WG2489487
n-Nitrosodi-n-propylamine	U		11.2	336	1	04/14/2025 10:56	WG2489487
Phenanthrene	U		6.68	33.6	1	04/14/2025 10:56	WG2489487
Benzylbutyl phthalate	U		10.5	336	1	04/14/2025 10:56	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		42.6	336	1	04/14/2025 10:56	WG2489487
Di-n-butyl phthalate	U		11.5	336	1	04/14/2025 10:56	WG2489487
Diethyl phthalate	U		11.1	336	1	04/14/2025 10:56	WG2489487
Dimethyl phthalate	U		71.3	336	1	04/14/2025 10:56	WG2489487
Di-n-octyl phthalate	U		22.7	336	1	04/14/2025 10:56	WG2489487
Pyrene	U		6.54	33.6	1	04/14/2025 10:56	WG2489487
1,2,4-Trichlorobenzene	U		10.5	336	1	04/14/2025 10:56	WG2489487
4-Chloro-3-methylphenol	U		10.9	336	1	04/14/2025 10:56	WG2489487
2-Chlorophenol	U		11.1	336	1	04/14/2025 10:56	WG2489487
2,4-Dichlorophenol	U		9.80	336	1	04/14/2025 10:56	WG2489487
2,4-Dimethylphenol	U	C3	8.79	336	1	04/14/2025 10:56	WG2489487
4,6-Dinitro-2-methylphenol	U		76.2	336	1	04/14/2025 10:56	WG2489487
2,4-Dinitrophenol	U		78.7	336	1	04/14/2025 10:56	WG2489487
2-Nitrophenol	U		12.0	336	1	04/14/2025 10:56	WG2489487
4-Nitrophenol	U		10.5	336	1	04/14/2025 10:56	WG2489487
Pentachlorophenol	U		9.05	336	1	04/14/2025 10:56	WG2489487
Phenol	U		13.5	336	1	04/14/2025 10:56	WG2489487
2,4,6-Trichlorophenol	U		10.8	336	1	04/14/2025 10:56	WG2489487
(S) 2-Fluorophenol	*65.7*			*12.0-120*		*04/14/2025 10:56*	WG2489487
(S) Phenol-d5	*60.2*			*10.0-120*		*04/14/2025 10:56*	WG2489487
(S) Nitrobenzene-d5	*62.3*			*10.0-122*		*04/14/2025 10:56*	WG2489487
(S) 2-Fluorobiphenyl	*67.3*			*15.0-120*		*04/14/2025 10:56*	WG2489487
(S) 2,4,6-Tribromophenol	*62.6*			*10.0-127*		*04/14/2025 10:56*	WG2489487
(S) p-Terphenyl-d14	*74.2*			*10.0-120*		*04/14/2025 10:56*	WG2489487

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	99.1		1	04/13/2025 13:29	WG2489514

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		383	1010	1	04/14/2025 13:40	WG2489638

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		20.8	40.4	1	04/13/2025 19:46	WG2489631

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	554000		6140	20200	1	04/13/2025 23:25	WG2489697
Antimony	U		698	2020	1	04/13/2025 23:25	WG2489697
Arsenic	1020	J	845	2020	1	04/13/2025 23:25	WG2489697
Barium	18500		85.8	505	1	04/13/2025 23:25	WG2489697
Beryllium	109	J	48.2	202	1	04/13/2025 23:25	WG2489697
Cadmium	U		65.9	505	1	04/13/2025 23:25	WG2489697
Calcium	3350000		19200	101000	1	04/13/2025 23:25	WG2489697
Chromium	1120		216	1010	1	04/13/2025 23:25	WG2489697
Cobalt	950	J	179	1010	1	04/13/2025 23:25	WG2489697
Copper	1130	J	360	2020	1	04/13/2025 23:25	WG2489697
Iron	3600000		2260	10100	1	04/13/2025 23:25	WG2489697
Lead	2130		329	505	1	04/13/2025 23:25	WG2489697
Magnesium	368000		20100	101000	1	04/13/2025 23:25	WG2489697
Manganese	93200		175	1010	1	04/13/2025 23:25	WG2489697
Nickel	1290	J	202	2020	1	04/13/2025 23:25	WG2489697
Potassium	131000		21100	101000	1	04/13/2025 23:25	WG2489697
Selenium	U		1080	2020	1	04/13/2025 23:25	WG2489697
Silver	U		128	1010	1	04/13/2025 23:25	WG2489697
Sodium	U		41600	101000	1	04/13/2025 23:25	WG2489697
Thallium	U		523	2020	1	04/13/2025 23:25	WG2489697
Vanadium	4770		387	2020	1	04/13/2025 23:25	WG2489697
Zinc	8860		983	5050	1	04/13/2025 23:25	WG2489697

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	30.9	B J	21.9	101	1	04/13/2025 19:41	WG2489567
(S) a,a,a-Trifluorotoluene(FID)	*98.1*			*77.0-120*		*04/13/2025 19:41*	WG2489567

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		37.2	51.0	1	04/13/2025 18:41	WG2489596
Acrylonitrile	U		3.68	12.7	1	04/13/2025 18:41	WG2489596
Benzene	U		0.476	1.02	1	04/13/2025 18:41	WG2489596
Bromobenzene	U		0.917	12.7	1	04/13/2025 18:41	WG2489596
Bromodichloromethane	U		0.739	2.55	1	04/13/2025 18:41	WG2489596
Bromoform	U		1.19	25.5	1	04/13/2025 18:41	WG2489596

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		2.01	12.7	1	04/13/2025 18:41	WG2489596
n-Butylbenzene	U		5.35	12.7	1	04/13/2025 18:41	WG2489596
sec-Butylbenzene	U		2.94	12.7	1	04/13/2025 18:41	WG2489596
tert-Butylbenzene	U		1.99	5.10	1	04/13/2025 18:41	WG2489596
Carbon tetrachloride	U		0.915	5.10	1	04/13/2025 18:41	WG2489596
Chlorobenzene	U		0.214	2.55	1	04/13/2025 18:41	WG2489596
Chlorodibromomethane	U		0.624	2.55	1	04/13/2025 18:41	WG2489596
Chloroethane	U		1.73	5.10	1	04/13/2025 18:41	WG2489596
Chloroform	U		1.05	2.55	1	04/13/2025 18:41	WG2489596
Chloromethane	U		4.43	12.7	1	04/13/2025 18:41	WG2489596
2-Chlorotoluene	U		0.882	2.55	1	04/13/2025 18:41	WG2489596
4-Chlorotoluene	U		0.459	5.10	1	04/13/2025 18:41	WG2489596
1,2-Dibromo-3-Chloropropane	U		3.98	25.5	1	04/13/2025 18:41	WG2489596
1,2-Dibromoethane	U		0.661	2.55	1	04/13/2025 18:41	WG2489596
Dibromomethane	U		0.765	5.10	1	04/13/2025 18:41	WG2489596
1,2-Dichlorobenzene	U		0.433	5.10	1	04/13/2025 18:41	WG2489596
1,3-Dichlorobenzene	U		0.612	5.10	1	04/13/2025 18:41	WG2489596
1,4-Dichlorobenzene	U		0.714	5.10	1	04/13/2025 18:41	WG2489596
Dichlorodifluoromethane	U	C3	1.64	5.10	1	04/13/2025 18:41	WG2489596
1,1-Dichloroethane	U		0.500	2.55	1	04/13/2025 18:41	WG2489596
1,2-Dichloroethane	U		0.662	2.55	1	04/13/2025 18:41	WG2489596
1,1-Dichloroethene	U		0.618	2.55	1	04/13/2025 18:41	WG2489596
cis-1,2-Dichloroethene	U		0.748	2.55	1	04/13/2025 18:41	WG2489596
trans-1,2-Dichloroethene	U		1.06	5.10	1	04/13/2025 18:41	WG2489596
1,2-Dichloropropane	U		1.45	5.10	1	04/13/2025 18:41	WG2489596
1,1-Dichloropropene	U		0.825	2.55	1	04/13/2025 18:41	WG2489596
1,3-Dichloropropane	U		0.511	5.10	1	04/13/2025 18:41	WG2489596
cis-1,3-Dichloropropene	U		0.772	2.55	1	04/13/2025 18:41	WG2489596
trans-1,3-Dichloropropene	U		1.16	5.10	1	04/13/2025 18:41	WG2489596
2,2-Dichloropropane	U		1.41	2.55	1	04/13/2025 18:41	WG2489596
Di-isopropyl ether	U		0.418	1.02	1	04/13/2025 18:41	WG2489596
Ethylbenzene	U		0.751	2.55	1	04/13/2025 18:41	WG2489596
Hexachloro-1,3-butadiene	U		6.12	25.5	1	04/13/2025 18:41	WG2489596
Isopropylbenzene	U		0.433	2.55	1	04/13/2025 18:41	WG2489596
p-Isopropyltoluene	U		2.60	5.10	1	04/13/2025 18:41	WG2489596
2-Butanone (MEK)	U		64.7	102	1	04/13/2025 18:41	WG2489596
Methylene Chloride	U		6.77	25.5	1	04/13/2025 18:41	WG2489596
4-Methyl-2-pentanone (MIBK)	U		2.32	25.5	1	04/13/2025 18:41	WG2489596
Methyl tert-butyl ether	U		0.357	1.02	1	04/13/2025 18:41	WG2489596
Naphthalene	U		4.97	12.7	1	04/13/2025 18:41	WG2489596
n-Propylbenzene	U		0.968	5.10	1	04/13/2025 18:41	WG2489596
Styrene	U		0.233	12.7	1	04/13/2025 18:41	WG2489596
1,1,1,2-Tetrachloroethane	U		0.966	2.55	1	04/13/2025 18:41	WG2489596
1,1,2,2-Tetrachloroethane	U		0.708	2.55	1	04/13/2025 18:41	WG2489596
1,1,2-Trichlorotrifluoroethane	U		0.769	2.55	1	04/13/2025 18:41	WG2489596
Tetrachloroethene	U		0.913	2.55	1	04/13/2025 18:41	WG2489596
Toluene	2.45	B J	1.33	5.10	1	04/13/2025 18:41	WG2489596
1,2,3-Trichlorobenzene	U		7.47	12.7	1	04/13/2025 18:41	WG2489596
1,2,4-Trichlorobenzene	U		4.49	12.7	1	04/13/2025 18:41	WG2489596
1,1,1-Trichloroethane	U		0.941	2.55	1	04/13/2025 18:41	WG2489596
1,1,2-Trichloroethane	U		0.609	2.55	1	04/13/2025 18:41	WG2489596
Trichloroethene	U		0.595	1.02	1	04/13/2025 18:41	WG2489596
Trichlorofluoromethane	U		0.843	2.55	1	04/13/2025 18:41	WG2489596
1,2,3-Trichloropropane	U		1.65	12.7	1	04/13/2025 18:41	WG2489596
1,2,4-Trimethylbenzene	U		1.61	5.10	1	04/13/2025 18:41	WG2489596
1,2,3-Trimethylbenzene	U		1.61	5.10	1	04/13/2025 18:41	WG2489596

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		2.04	5.10	1	04/13/2025 18:41	WG2489596
Vinyl chloride	U		1.18	2.55	1	04/13/2025 18:41	WG2489596
Xylenes, Total	U		0.897	6.63	1	04/13/2025 18:41	WG2489596
(S) Toluene-d8	*102*			*75.0-131*		*04/13/2025 18:41*	WG2489596
(S) 4-Bromofluorobenzene	*100*			*67.0-138*		*04/13/2025 18:41*	WG2489596
(S) 1,2-Dichloroethane-d4	*95.1*			*70.0-130*		*04/13/2025 18:41*	WG2489596

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	1890	J	1630	4040	1	04/13/2025 23:07	WG2489494
C28-C36 Motor Oil Range	3750	J	277	4040	1	04/13/2025 23:07	WG2489494
(S) o-Terphenyl	*71.6*			*18.0-148*		*04/13/2025 23:07*	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		5.44	33.6	1	04/14/2025 11:16	WG2489487
Acenaphthylene	U		4.73	33.6	1	04/14/2025 11:16	WG2489487
Anthracene	U		5.99	33.6	1	04/14/2025 11:16	WG2489487
Benzidine	U	C7	63.2	1690	1	04/14/2025 11:16	WG2489487
Benzo(a)anthracene	U		5.93	33.6	1	04/14/2025 11:16	WG2489487
Benzo(b)fluoranthene	U		6.27	33.6	1	04/14/2025 11:16	WG2489487
Benzo(k)fluoranthene	U		5.98	33.6	1	04/14/2025 11:16	WG2489487
Benzo(g,h,i)perylene	U		6.15	33.6	1	04/14/2025 11:16	WG2489487
Benzo(a)pyrene	U		6.25	33.6	1	04/14/2025 11:16	WG2489487
Bis(2-chlorethoxy)methane	U		10.1	336	1	04/14/2025 11:16	WG2489487
Bis(2-chloroethyl)ether	U	C3	11.1	336	1	04/14/2025 11:16	WG2489487
2,2-Oxybis(1-Chloropropane)	U	C3	14.5	336	1	04/14/2025 11:16	WG2489487
4-Bromophenyl-phenylether	U		11.8	336	1	04/14/2025 11:16	WG2489487
2-Chloronaphthalene	U		5.91	33.6	1	04/14/2025 11:16	WG2489487
4-Chlorophenyl-phenylether	U		11.7	336	1	04/14/2025 11:16	WG2489487
Chrysene	U		6.68	33.6	1	04/14/2025 11:16	WG2489487
Dibenz(a,h)anthracene	U		9.32	33.6	1	04/14/2025 11:16	WG2489487
1,2-Dichlorobenzene	U		9.96	336	1	04/14/2025 11:16	WG2489487
1,3-Dichlorobenzene	U		10.2	336	1	04/14/2025 11:16	WG2489487
1,4-Dichlorobenzene	U		10.0	336	1	04/14/2025 11:16	WG2489487
3,3-Dichlorobenzidine	U		12.4	336	1	04/14/2025 11:16	WG2489487
2,4-Dinitrotoluene	U		9.64	336	1	04/14/2025 11:16	WG2489487
2,6-Dinitrotoluene	U		11.0	336	1	04/14/2025 11:16	WG2489487
Fluoranthene	U		6.07	33.6	1	04/14/2025 11:16	WG2489487
Fluorene	U		5.47	33.6	1	04/14/2025 11:16	WG2489487
Hexachlorobenzene	U		11.9	336	1	04/14/2025 11:16	WG2489487
Hexachloro-1,3-butadiene	U		11.3	336	1	04/14/2025 11:16	WG2489487
Hexachlorocyclopentadiene	U	C7	17.7	336	1	04/14/2025 11:16	WG2489487
Hexachloroethane	U		13.2	336	1	04/14/2025 11:16	WG2489487
Indeno(1,2,3-cd)pyrene	U		9.50	33.6	1	04/14/2025 11:16	WG2489487
Isophorone	U		10.3	336	1	04/14/2025 11:16	WG2489487
Naphthalene	U		8.44	33.6	1	04/14/2025 11:16	WG2489487
Nitrobenzene	U		11.7	336	1	04/14/2025 11:16	WG2489487
n-Nitrosodimethylamine	U		49.9	336	1	04/14/2025 11:16	WG2489487
n-Nitrosodiphenylamine	U		25.4	336	1	04/14/2025 11:16	WG2489487
n-Nitrosodi-n-propylamine	U		11.2	336	1	04/14/2025 11:16	WG2489487
Phenanthrene	U		6.67	33.6	1	04/14/2025 11:16	WG2489487
Benzylbutyl phthalate	U		10.5	336	1	04/14/2025 11:16	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		42.6	336	1	04/14/2025 11:16	WG2489487
Di-n-butyl phthalate	U		11.5	336	1	04/14/2025 11:16	WG2489487
Diethyl phthalate	U		11.1	336	1	04/14/2025 11:16	WG2489487
Dimethyl phthalate	U		71.3	336	1	04/14/2025 11:16	WG2489487
Di-n-octyl phthalate	U		22.7	336	1	04/14/2025 11:16	WG2489487
Pyrene	U		6.54	33.6	1	04/14/2025 11:16	WG2489487
1,2,4-Trichlorobenzene	U		10.5	336	1	04/14/2025 11:16	WG2489487
4-Chloro-3-methylphenol	U		10.9	336	1	04/14/2025 11:16	WG2489487
2-Chlorophenol	U		11.1	336	1	04/14/2025 11:16	WG2489487
2,4-Dichlorophenol	U		9.79	336	1	04/14/2025 11:16	WG2489487
2,4-Dimethylphenol	U	C3	8.78	336	1	04/14/2025 11:16	WG2489487
4,6-Dinitro-2-methylphenol	U		76.2	336	1	04/14/2025 11:16	WG2489487
2,4-Dinitrophenol	U		78.6	336	1	04/14/2025 11:16	WG2489487
2-Nitrophenol	U		12.0	336	1	04/14/2025 11:16	WG2489487
4-Nitrophenol	U		10.5	336	1	04/14/2025 11:16	WG2489487
Pentachlorophenol	U		9.04	336	1	04/14/2025 11:16	WG2489487
Phenol	U		13.5	336	1	04/14/2025 11:16	WG2489487
2,4,6-Trichlorophenol	U		10.8	336	1	04/14/2025 11:16	WG2489487
(S) 2-Fluorophenol	*67.9*			*12.0-120*		*04/14/2025 11:16*	WG2489487
(S) Phenol-d5	*60.8*			*10.0-120*		*04/14/2025 11:16*	WG2489487
(S) Nitrobenzene-d5	*62.0*			*10.0-122*		*04/14/2025 11:16*	WG2489487
(S) 2-Fluorobiphenyl	*70.7*			*15.0-120*		*04/14/2025 11:16*	WG2489487
(S) 2,4,6-Tribromophenol	*68.7*			*10.0-127*		*04/14/2025 11:16*	WG2489487
(S) p-Terphenyl-d14	*75.3*			*10.0-120*		*04/14/2025 11:16*	WG2489487

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	99.1		1	04/13/2025 13:29	WG2489514

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		383	1010	1	04/14/2025 14:07	WG2489638

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		20.8	40.4	1	04/13/2025 19:48	WG2489631

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	523000		6140	20200	1	04/13/2025 23:26	WG2489697
Antimony	U		697	2020	1	04/13/2025 23:26	WG2489697
Arsenic	U		845	2020	1	04/13/2025 23:26	WG2489697
Barium	11100		85.8	505	1	04/13/2025 23:26	WG2489697
Beryllium	80.6	J	48.1	202	1	04/13/2025 23:26	WG2489697
Cadmium	U		65.9	505	1	04/13/2025 23:26	WG2489697
Calcium	1580000		19200	101000	1	04/13/2025 23:26	WG2489697
Chromium	751	J	216	1010	1	04/13/2025 23:26	WG2489697
Cobalt	676	J	179	1010	1	04/13/2025 23:26	WG2489697
Copper	870	J	360	2020	1	04/13/2025 23:26	WG2489697
Iron	2420000		2260	10100	1	04/13/2025 23:26	WG2489697
Lead	1520		329	505	1	04/13/2025 23:26	WG2489697
Magnesium	327000		20100	101000	1	04/13/2025 23:26	WG2489697
Manganese	49800		175	1010	1	04/13/2025 23:26	WG2489697
Nickel	976	J	202	2020	1	04/13/2025 23:26	WG2489697
Potassium	126000		21100	101000	1	04/13/2025 23:26	WG2489697
Selenium	U		1080	2020	1	04/13/2025 23:26	WG2489697
Silver	U		128	1010	1	04/13/2025 23:26	WG2489697
Sodium	U		41600	101000	1	04/13/2025 23:26	WG2489697
Thallium	U		523	2020	1	04/13/2025 23:26	WG2489697
Vanadium	5080		387	2020	1	04/13/2025 23:26	WG2489697
Zinc	6450		983	5050	1	04/13/2025 23:26	WG2489697

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	26.9	B J	21.9	101	1	04/13/2025 20:04	WG2489567
(S) a,a,a-Trifluorotoluene(FID)	*97.9*			*77.0-120*		*04/13/2025 20:04*	WG2489567

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		37.2	50.9	1	04/13/2025 19:00	WG2489596
Acrylonitrile	U		3.68	12.7	1	04/13/2025 19:00	WG2489596
Benzene	U		0.476	1.02	1	04/13/2025 19:00	WG2489596
Bromobenzene	U		0.917	12.7	1	04/13/2025 19:00	WG2489596
Bromodichloromethane	U		0.739	2.55	1	04/13/2025 19:00	WG2489596
Bromoform	U		1.19	25.5	1	04/13/2025 19:00	WG2489596

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		2.01	12.7	1	04/13/2025 19:00	WG2489596
n-Butylbenzene	U		5.35	12.7	1	04/13/2025 19:00	WG2489596
sec-Butylbenzene	U		2.93	12.7	1	04/13/2025 19:00	WG2489596
tert-Butylbenzene	U		1.99	5.09	1	04/13/2025 19:00	WG2489596
Carbon tetrachloride	U		0.915	5.09	1	04/13/2025 19:00	WG2489596
Chlorobenzene	U		0.214	2.55	1	04/13/2025 19:00	WG2489596
Chlorodibromomethane	U		0.623	2.55	1	04/13/2025 19:00	WG2489596
Chloroethane	U		1.73	5.09	1	04/13/2025 19:00	WG2489596
Chloroform	U		1.05	2.55	1	04/13/2025 19:00	WG2489596
Chloromethane	U		4.43	12.7	1	04/13/2025 19:00	WG2489596
2-Chlorotoluene	U		0.881	2.55	1	04/13/2025 19:00	WG2489596
4-Chlorotoluene	U		0.458	5.09	1	04/13/2025 19:00	WG2489596
1,2-Dibromo-3-Chloropropane	U		3.97	25.5	1	04/13/2025 19:00	WG2489596
1,2-Dibromoethane	U		0.660	2.55	1	04/13/2025 19:00	WG2489596
Dibromomethane	U		0.764	5.09	1	04/13/2025 19:00	WG2489596
1,2-Dichlorobenzene	U		0.433	5.09	1	04/13/2025 19:00	WG2489596
1,3-Dichlorobenzene	U		0.611	5.09	1	04/13/2025 19:00	WG2489596
1,4-Dichlorobenzene	U		0.713	5.09	1	04/13/2025 19:00	WG2489596
Dichlorodifluoromethane	U	C3	1.64	5.09	1	04/13/2025 19:00	WG2489596
1,1-Dichloroethane	U		0.500	2.55	1	04/13/2025 19:00	WG2489596
1,2-Dichloroethane	U		0.661	2.55	1	04/13/2025 19:00	WG2489596
1,1-Dichloroethene	U		0.617	2.55	1	04/13/2025 19:00	WG2489596
cis-1,2-Dichloroethene	U		0.748	2.55	1	04/13/2025 19:00	WG2489596
trans-1,2-Dichloroethene	U		1.06	5.09	1	04/13/2025 19:00	WG2489596
1,2-Dichloropropane	U		1.45	5.09	1	04/13/2025 19:00	WG2489596
1,1-Dichloropropene	U		0.824	2.55	1	04/13/2025 19:00	WG2489596
1,3-Dichloropropane	U		0.510	5.09	1	04/13/2025 19:00	WG2489596
cis-1,3-Dichloropropene	U		0.771	2.55	1	04/13/2025 19:00	WG2489596
trans-1,3-Dichloropropene	U		1.16	5.09	1	04/13/2025 19:00	WG2489596
2,2-Dichloropropane	U		1.41	2.55	1	04/13/2025 19:00	WG2489596
Di-isopropyl ether	U		0.418	1.02	1	04/13/2025 19:00	WG2489596
Ethylbenzene	U		0.751	2.55	1	04/13/2025 19:00	WG2489596
Hexachloro-1,3-butadiene	U		6.11	25.5	1	04/13/2025 19:00	WG2489596
Isopropylbenzene	U		0.433	2.55	1	04/13/2025 19:00	WG2489596
p-Isopropyltoluene	U		2.60	5.09	1	04/13/2025 19:00	WG2489596
2-Butanone (MEK)	U		64.7	102	1	04/13/2025 19:00	WG2489596
Methylene Chloride	U		6.76	25.5	1	04/13/2025 19:00	WG2489596
4-Methyl-2-pentanone (MIBK)	U		2.32	25.5	1	04/13/2025 19:00	WG2489596
Methyl tert-butyl ether	U		0.357	1.02	1	04/13/2025 19:00	WG2489596
Naphthalene	U		4.97	12.7	1	04/13/2025 19:00	WG2489596
n-Propylbenzene	U		0.968	5.09	1	04/13/2025 19:00	WG2489596
Styrene	U		0.233	12.7	1	04/13/2025 19:00	WG2489596
1,1,1,2-Tetrachloroethane	U		0.966	2.55	1	04/13/2025 19:00	WG2489596
1,1,2,2-Tetrachloroethane	U		0.708	2.55	1	04/13/2025 19:00	WG2489596
1,1,2-Trichlorotrifluoroethane	U		0.768	2.55	1	04/13/2025 19:00	WG2489596
Tetrachloroethene	U		0.913	2.55	1	04/13/2025 19:00	WG2489596
Toluene	2.62	B J	1.32	5.09	1	04/13/2025 19:00	WG2489596
1,2,3-Trichlorobenzene	U		7.47	12.7	1	04/13/2025 19:00	WG2489596
1,2,4-Trichlorobenzene	U		4.48	12.7	1	04/13/2025 19:00	WG2489596
1,1,1-Trichloroethane	U		0.940	2.55	1	04/13/2025 19:00	WG2489596
1,1,2-Trichloroethane	U		0.608	2.55	1	04/13/2025 19:00	WG2489596
Trichloroethene	U		0.595	1.02	1	04/13/2025 19:00	WG2489596
Trichlorofluoromethane	U		0.843	2.55	1	04/13/2025 19:00	WG2489596
1,2,3-Trichloropropane	U		1.65	12.7	1	04/13/2025 19:00	WG2489596
1,2,4-Trimethylbenzene	U		1.61	5.09	1	04/13/2025 19:00	WG2489596
1,2,3-Trimethylbenzene	U		1.61	5.09	1	04/13/2025 19:00	WG2489596

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		2.04	5.09	1	04/13/2025 19:00	WG2489596
Vinyl chloride	U		1.18	2.55	1	04/13/2025 19:00	WG2489596
Xylenes, Total	U		0.897	6.62	1	04/13/2025 19:00	WG2489596
(S) Toluene-d8	*100*			*75.0-131*		*04/13/2025 19:00*	WG2489596
(S) 4-Bromofluorobenzene	*99.0*			*67.0-138*		*04/13/2025 19:00*	WG2489596
(S) 1,2-Dichloroethane-d4	*93.5*			*70.0-130*		*04/13/2025 19:00*	WG2489596

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	2670	J	1630	4040	1	04/14/2025 00:09	WG2489494
C28-C36 Motor Oil Range	3410	J	277	4040	1	04/14/2025 00:09	WG2489494
(S) o-Terphenyl	*69.1*			*18.0-148*		*04/14/2025 00:09*	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		5.44	33.6	1	04/14/2025 11:37	WG2489487
Acenaphthylene	U		4.73	33.6	1	04/14/2025 11:37	WG2489487
Anthracene	U		5.99	33.6	1	04/14/2025 11:37	WG2489487
Benzidine	U	C7	63.2	1690	1	04/14/2025 11:37	WG2489487
Benzo(a)anthracene	U		5.92	33.6	1	04/14/2025 11:37	WG2489487
Benzo(b)fluoranthene	U		6.27	33.6	1	04/14/2025 11:37	WG2489487
Benzo(k)fluoranthene	U		5.98	33.6	1	04/14/2025 11:37	WG2489487
Benzo(g,h,i)perylene	U		6.15	33.6	1	04/14/2025 11:37	WG2489487
Benzo(a)pyrene	U		6.25	33.6	1	04/14/2025 11:37	WG2489487
Bis(2-chlorethoxy)methane	U		10.1	336	1	04/14/2025 11:37	WG2489487
Bis(2-chloroethyl)ether	U	C3	11.1	336	1	04/14/2025 11:37	WG2489487
2,2-Oxybis(1-Chloropropane)	U	C3	14.5	336	1	04/14/2025 11:37	WG2489487
4-Bromophenyl-phenylether	U		11.8	336	1	04/14/2025 11:37	WG2489487
2-Chloronaphthalene	U		5.90	33.6	1	04/14/2025 11:37	WG2489487
4-Chlorophenyl-phenylether	U		11.7	336	1	04/14/2025 11:37	WG2489487
Chrysene	U		6.68	33.6	1	04/14/2025 11:37	WG2489487
Dibenz(a,h)anthracene	U		9.32	33.6	1	04/14/2025 11:37	WG2489487
1,2-Dichlorobenzene	U		9.96	336	1	04/14/2025 11:37	WG2489487
1,3-Dichlorobenzene	U		10.2	336	1	04/14/2025 11:37	WG2489487
1,4-Dichlorobenzene	U		10.0	336	1	04/14/2025 11:37	WG2489487
3,3-Dichlorobenzidine	U		12.4	336	1	04/14/2025 11:37	WG2489487
2,4-Dinitrotoluene	U		9.64	336	1	04/14/2025 11:37	WG2489487
2,6-Dinitrotoluene	U		11.0	336	1	04/14/2025 11:37	WG2489487
Fluoranthene	U		6.07	33.6	1	04/14/2025 11:37	WG2489487
Fluorene	U		5.47	33.6	1	04/14/2025 11:37	WG2489487
Hexachlorobenzene	U		11.9	336	1	04/14/2025 11:37	WG2489487
Hexachloro-1,3-butadiene	U		11.3	336	1	04/14/2025 11:37	WG2489487
Hexachlorocyclopentadiene	U	C7	17.7	336	1	04/14/2025 11:37	WG2489487
Hexachloroethane	U		13.2	336	1	04/14/2025 11:37	WG2489487
Indeno(1,2,3-cd)pyrene	U		9.50	33.6	1	04/14/2025 11:37	WG2489487
Isophorone	U		10.3	336	1	04/14/2025 11:37	WG2489487
Naphthalene	U		8.44	33.6	1	04/14/2025 11:37	WG2489487
Nitrobenzene	U		11.7	336	1	04/14/2025 11:37	WG2489487
n-Nitrosodimethylamine	U		49.9	336	1	04/14/2025 11:37	WG2489487
n-Nitrosodiphenylamine	U		25.4	336	1	04/14/2025 11:37	WG2489487
n-Nitrosodi-n-propylamine	U		11.2	336	1	04/14/2025 11:37	WG2489487
Phenanthrene	U		6.67	33.6	1	04/14/2025 11:37	WG2489487
Benzylbutyl phthalate	U		10.5	336	1	04/14/2025 11:37	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		42.6	336	1	04/14/2025 11:37	WG2489487
Di-n-butyl phthalate	U		11.5	336	1	04/14/2025 11:37	WG2489487
Diethyl phthalate	U		11.1	336	1	04/14/2025 11:37	WG2489487
Dimethyl phthalate	U		71.3	336	1	04/14/2025 11:37	WG2489487
Di-n-octyl phthalate	U		22.7	336	1	04/14/2025 11:37	WG2489487
Pyrene	U		6.54	33.6	1	04/14/2025 11:37	WG2489487
1,2,4-Trichlorobenzene	U		10.5	336	1	04/14/2025 11:37	WG2489487
4-Chloro-3-methylphenol	U		10.9	336	1	04/14/2025 11:37	WG2489487
2-Chlorophenol	U		11.1	336	1	04/14/2025 11:37	WG2489487
2,4-Dichlorophenol	U		9.79	336	1	04/14/2025 11:37	WG2489487
2,4-Dimethylphenol	U	C3	8.78	336	1	04/14/2025 11:37	WG2489487
4,6-Dinitro-2-methylphenol	U		76.2	336	1	04/14/2025 11:37	WG2489487
2,4-Dinitrophenol	U		78.6	336	1	04/14/2025 11:37	WG2489487
2-Nitrophenol	U		12.0	336	1	04/14/2025 11:37	WG2489487
4-Nitrophenol	U		10.5	336	1	04/14/2025 11:37	WG2489487
Pentachlorophenol	U		9.04	336	1	04/14/2025 11:37	WG2489487
Phenol	U		13.5	336	1	04/14/2025 11:37	WG2489487
2,4,6-Trichlorophenol	U		10.8	336	1	04/14/2025 11:37	WG2489487
(S) 2-Fluorophenol	*66.1*			*12.0-120*		*04/14/2025 11:37*	WG2489487
(S) Phenol-d5	*60.7*			*10.0-120*		*04/14/2025 11:37*	WG2489487
(S) Nitrobenzene-d5	*60.9*			*10.0-122*		*04/14/2025 11:37*	WG2489487
(S) 2-Fluorobiphenyl	*69.1*			*15.0-120*		*04/14/2025 11:37*	WG2489487
(S) 2,4,6-Tribromophenol	*69.9*			*10.0-127*		*04/14/2025 11:37*	WG2489487
(S) p-Terphenyl-d14	*73.5*			*10.0-120*		*04/14/2025 11:37*	WG2489487

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	93.6		1	04/13/2025 13:29	WG2489514

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		405	1070	1	04/14/2025 14:16	WG2489638

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		22.0	42.7	1	04/13/2025 20:55	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	497000		6490	21400	1	04/13/2025 23:32	WG2489697
Antimony	U		738	2140	1	04/13/2025 23:32	WG2489697
Arsenic	U		894	2140	1	04/13/2025 23:32	WG2489697
Barium	8760		90.8	534	1	04/13/2025 23:32	WG2489697
Beryllium	96.1	J	51.0	214	1	04/13/2025 23:32	WG2489697
Cadmium	82.1	J	69.8	534	1	04/13/2025 23:32	WG2489697
Calcium	2490000		20300	107000	1	04/13/2025 23:32	WG2489697
Chromium	694	J	229	1070	1	04/13/2025 23:32	WG2489697
Cobalt	861	J	189	1070	1	04/13/2025 23:32	WG2489697
Copper	950	J	381	2140	1	04/13/2025 23:32	WG2489697
Iron	2230000		2390	10700	1	04/13/2025 23:32	WG2489697
Lead	2150		348	534	1	04/13/2025 23:32	WG2489697
Magnesium	328000		21300	107000	1	04/13/2025 23:32	WG2489697
Manganese	59400		185	1070	1	04/13/2025 23:32	WG2489697
Nickel	1250	J	214	2140	1	04/13/2025 23:32	WG2489697
Potassium	119000		22300	107000	1	04/13/2025 23:32	WG2489697
Selenium	U		1140	2140	1	04/13/2025 23:32	WG2489697
Silver	U		136	1070	1	04/13/2025 23:32	WG2489697
Sodium	U		44000	107000	1	04/13/2025 23:32	WG2489697
Thallium	U		553	2140	1	04/13/2025 23:32	WG2489697
Vanadium	3980		409	2140	1	04/13/2025 23:32	WG2489697
Zinc	7810		1040	5340	1	04/13/2025 23:32	WG2489697

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	26.5	B J	23.2	107	1	04/13/2025 20:27	WG2489567
(S) a,a,a-Trifluorotoluene(FID)	*98.4*			*77.0-120*		*04/13/2025 20:27*	WG2489567

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		41.5	56.8	1	04/13/2025 19:19	WG2489596
Acrylonitrile	U		4.10	14.2	1	04/13/2025 19:19	WG2489596
Benzene	U		0.531	1.14	1	04/13/2025 19:19	WG2489596
Bromobenzene	U		1.02	14.2	1	04/13/2025 19:19	WG2489596
Bromodichloromethane	U		0.824	2.84	1	04/13/2025 19:19	WG2489596
Bromoform	U		1.33	28.4	1	04/13/2025 19:19	WG2489596

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		2.24	14.2	1	04/13/2025 19:19	WG2489596
n-Butylbenzene	U		5.97	14.2	1	04/13/2025 19:19	WG2489596
sec-Butylbenzene	U		3.27	14.2	1	04/13/2025 19:19	WG2489596
tert-Butylbenzene	U		2.22	5.68	1	04/13/2025 19:19	WG2489596
Carbon tetrachloride	U		1.02	5.68	1	04/13/2025 19:19	WG2489596
Chlorobenzene	U		0.239	2.84	1	04/13/2025 19:19	WG2489596
Chlorodibromomethane	U		0.696	2.84	1	04/13/2025 19:19	WG2489596
Chloroethane	U		1.93	5.68	1	04/13/2025 19:19	WG2489596
Chloroform	U		1.17	2.84	1	04/13/2025 19:19	WG2489596
Chloromethane	U		4.95	14.2	1	04/13/2025 19:19	WG2489596
2-Chlorotoluene	U		0.983	2.84	1	04/13/2025 19:19	WG2489596
4-Chlorotoluene	U		0.512	5.68	1	04/13/2025 19:19	WG2489596
1,2-Dibromo-3-Chloropropane	U		4.43	28.4	1	04/13/2025 19:19	WG2489596
1,2-Dibromoethane	U		0.737	2.84	1	04/13/2025 19:19	WG2489596
Dibromomethane	U		0.853	5.68	1	04/13/2025 19:19	WG2489596
1,2-Dichlorobenzene	U		0.483	5.68	1	04/13/2025 19:19	WG2489596
1,3-Dichlorobenzene	U		0.682	5.68	1	04/13/2025 19:19	WG2489596
1,4-Dichlorobenzene	U		0.796	5.68	1	04/13/2025 19:19	WG2489596
Dichlorodifluoromethane	U	C3	1.83	5.68	1	04/13/2025 19:19	WG2489596
1,1-Dichloroethane	U		0.558	2.84	1	04/13/2025 19:19	WG2489596
1,2-Dichloroethane	U		0.738	2.84	1	04/13/2025 19:19	WG2489596
1,1-Dichloroethene	U		0.689	2.84	1	04/13/2025 19:19	WG2489596
cis-1,2-Dichloroethene	U		0.834	2.84	1	04/13/2025 19:19	WG2489596
trans-1,2-Dichloroethene	U		1.18	5.68	1	04/13/2025 19:19	WG2489596
1,2-Dichloropropane	U		1.61	5.68	1	04/13/2025 19:19	WG2489596
1,1-Dichloropropene	U		0.920	2.84	1	04/13/2025 19:19	WG2489596
1,3-Dichloropropane	U		0.570	5.68	1	04/13/2025 19:19	WG2489596
cis-1,3-Dichloropropene	U		0.861	2.84	1	04/13/2025 19:19	WG2489596
trans-1,3-Dichloropropene	U		1.30	5.68	1	04/13/2025 19:19	WG2489596
2,2-Dichloropropane	U		1.57	2.84	1	04/13/2025 19:19	WG2489596
Di-isopropyl ether	U		0.466	1.14	1	04/13/2025 19:19	WG2489596
Ethylbenzene	U		0.838	2.84	1	04/13/2025 19:19	WG2489596
Hexachloro-1,3-butadiene	U		6.82	28.4	1	04/13/2025 19:19	WG2489596
Isopropylbenzene	U		0.483	2.84	1	04/13/2025 19:19	WG2489596
p-Isopropyltoluene	U		2.90	5.68	1	04/13/2025 19:19	WG2489596
2-Butanone (MEK)	U		72.2	114	1	04/13/2025 19:19	WG2489596
Methylene Chloride	U		7.55	28.4	1	04/13/2025 19:19	WG2489596
4-Methyl-2-pentanone (MIBK)	U		2.59	28.4	1	04/13/2025 19:19	WG2489596
Methyl tert-butyl ether	U		0.398	1.14	1	04/13/2025 19:19	WG2489596
Naphthalene	U		5.55	14.2	1	04/13/2025 19:19	WG2489596
n-Propylbenzene	U		1.08	5.68	1	04/13/2025 19:19	WG2489596
Styrene	U		0.260	14.2	1	04/13/2025 19:19	WG2489596
1,1,1,2-Tetrachloroethane	U		1.08	2.84	1	04/13/2025 19:19	WG2489596
1,1,2,2-Tetrachloroethane	U		0.790	2.84	1	04/13/2025 19:19	WG2489596
1,1,2-Trichlorotrifluoroethane	U		0.857	2.84	1	04/13/2025 19:19	WG2489596
Tetrachloroethene	U		1.02	2.84	1	04/13/2025 19:19	WG2489596
Toluene	2.71	B J	1.48	5.68	1	04/13/2025 19:19	WG2489596
1,2,3-Trichlorobenzene	U		8.33	14.2	1	04/13/2025 19:19	WG2489596
1,2,4-Trichlorobenzene	U		5.00	14.2	1	04/13/2025 19:19	WG2489596
1,1,1-Trichloroethane	U		1.05	2.84	1	04/13/2025 19:19	WG2489596
1,1,2-Trichloroethane	U		0.679	2.84	1	04/13/2025 19:19	WG2489596
Trichloroethene	U		0.664	1.14	1	04/13/2025 19:19	WG2489596
Trichlorofluoromethane	U		0.940	2.84	1	04/13/2025 19:19	WG2489596
1,2,3-Trichloropropane	U		1.84	14.2	1	04/13/2025 19:19	WG2489596
1,2,4-Trimethylbenzene	U		1.80	5.68	1	04/13/2025 19:19	WG2489596
1,2,3-Trimethylbenzene	U		1.80	5.68	1	04/13/2025 19:19	WG2489596

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		2.27	5.68	1	04/13/2025 19:19	WG2489596
Vinyl chloride	U		1.32	2.84	1	04/13/2025 19:19	WG2489596
Xylenes, Total	U		1.00	7.39	1	04/13/2025 19:19	WG2489596
(S) Toluene-d8	*99.9*			*75.0-131*		*04/13/2025 19:19*	WG2489596
(S) 4-Bromofluorobenzene	*99.6*			*67.0-138*		*04/13/2025 19:19*	WG2489596
(S) 1,2-Dichloroethane-d4	*99.7*			*70.0-130*		*04/13/2025 19:19*	WG2489596

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		1720	4270	1	04/13/2025 23:20	WG2489494
C28-C36 Motor Oil Range	2880	J	293	4270	1	04/13/2025 23:20	WG2489494
(S) o-Terphenyl	*64.8*			*18.0-148*		*04/13/2025 23:20*	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		5.76	35.6	1	04/14/2025 12:59	WG2489487
Acenaphthylene	U		5.01	35.6	1	04/14/2025 12:59	WG2489487
Anthracene	U		6.33	35.6	1	04/14/2025 12:59	WG2489487
Benzidine	U	C7	66.9	1780	1	04/14/2025 12:59	WG2489487
Benzo(a)anthracene	U		6.27	35.6	1	04/14/2025 12:59	WG2489487
Benzo(b)fluoranthene	U		6.63	35.6	1	04/14/2025 12:59	WG2489487
Benzo(k)fluoranthene	U		6.32	35.6	1	04/14/2025 12:59	WG2489487
Benzo(g,h,i)perylene	U		6.51	35.6	1	04/14/2025 12:59	WG2489487
Benzo(a)pyrene	U		6.61	35.6	1	04/14/2025 12:59	WG2489487
Bis(2-chlorethoxy)methane	U		10.7	356	1	04/14/2025 12:59	WG2489487
Bis(2-chloroethyl)ether	U	C3	11.8	356	1	04/14/2025 12:59	WG2489487
2,2-Oxybis(1-Chloropropane)	U	C3	15.4	356	1	04/14/2025 12:59	WG2489487
4-Bromophenyl-phenylether	U		12.5	356	1	04/14/2025 12:59	WG2489487
2-Chloronaphthalene	U		6.25	35.6	1	04/14/2025 12:59	WG2489487
4-Chlorophenyl-phenylether	U		12.4	356	1	04/14/2025 12:59	WG2489487
Chrysene	U		7.07	35.6	1	04/14/2025 12:59	WG2489487
Dibenz(a,h)anthracene	U		9.86	35.6	1	04/14/2025 12:59	WG2489487
1,2-Dichlorobenzene	U		10.5	356	1	04/14/2025 12:59	WG2489487
1,3-Dichlorobenzene	U		10.8	356	1	04/14/2025 12:59	WG2489487
1,4-Dichlorobenzene	U		10.6	356	1	04/14/2025 12:59	WG2489487
3,3-Dichlorobenzidine	U		13.1	356	1	04/14/2025 12:59	WG2489487
2,4-Dinitrotoluene	U		10.2	356	1	04/14/2025 12:59	WG2489487
2,6-Dinitrotoluene	U		11.6	356	1	04/14/2025 12:59	WG2489487
Fluoranthene	U		6.42	35.6	1	04/14/2025 12:59	WG2489487
Fluorene	U		5.79	35.6	1	04/14/2025 12:59	WG2489487
Hexachlorobenzene	U		12.6	356	1	04/14/2025 12:59	WG2489487
Hexachloro-1,3-butadiene	U		12.0	356	1	04/14/2025 12:59	WG2489487
Hexachlorocyclopentadiene	U	C7	18.7	356	1	04/14/2025 12:59	WG2489487
Hexachloroethane	U		14.0	356	1	04/14/2025 12:59	WG2489487
Indeno(1,2,3-cd)pyrene	U		10.1	35.6	1	04/14/2025 12:59	WG2489487
Isophorone	U		10.9	356	1	04/14/2025 12:59	WG2489487
Naphthalene	U		8.93	35.6	1	04/14/2025 12:59	WG2489487
Nitrobenzene	U		12.4	356	1	04/14/2025 12:59	WG2489487
n-Nitrosodimethylamine	U		52.8	356	1	04/14/2025 12:59	WG2489487
n-Nitrosodiphenylamine	U		26.9	356	1	04/14/2025 12:59	WG2489487
n-Nitrosodi-n-propylamine	U		11.9	356	1	04/14/2025 12:59	WG2489487
Phenanthrene	U		7.06	35.6	1	04/14/2025 12:59	WG2489487
Benzylbutyl phthalate	U		11.1	356	1	04/14/2025 12:59	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		45.1	356	1	04/14/2025 12:59	WG2489487
Di-n-butyl phthalate	U		12.2	356	1	04/14/2025 12:59	WG2489487
Diethyl phthalate	U		11.8	356	1	04/14/2025 12:59	WG2489487
Dimethyl phthalate	U		75.4	356	1	04/14/2025 12:59	WG2489487
Di-n-octyl phthalate	U		24.0	356	1	04/14/2025 12:59	WG2489487
Pyrene	U		6.92	35.6	1	04/14/2025 12:59	WG2489487
1,2,4-Trichlorobenzene	U		11.1	356	1	04/14/2025 12:59	WG2489487
4-Chloro-3-methylphenol	U		11.5	356	1	04/14/2025 12:59	WG2489487
2-Chlorophenol	U		11.8	356	1	04/14/2025 12:59	WG2489487
2,4-Dichlorophenol	U		10.4	356	1	04/14/2025 12:59	WG2489487
2,4-Dimethylphenol	U	C3	9.29	356	1	04/14/2025 12:59	WG2489487
4,6-Dinitro-2-methylphenol	U		80.7	356	1	04/14/2025 12:59	WG2489487
2,4-Dinitrophenol	U		83.2	356	1	04/14/2025 12:59	WG2489487
2-Nitrophenol	U		12.7	356	1	04/14/2025 12:59	WG2489487
4-Nitrophenol	U		11.1	356	1	04/14/2025 12:59	WG2489487
Pentachlorophenol	U		9.57	356	1	04/14/2025 12:59	WG2489487
Phenol	U		14.3	356	1	04/14/2025 12:59	WG2489487
2,4,6-Trichlorophenol	U		11.4	356	1	04/14/2025 12:59	WG2489487
(S) 2-Fluorophenol	*61.4*			*12.0-120*		*04/14/2025 12:59*	WG2489487
(S) Phenol-d5	*56.6*			*10.0-120*		*04/14/2025 12:59*	WG2489487
(S) Nitrobenzene-d5	*57.9*			*10.0-122*		*04/14/2025 12:59*	WG2489487
(S) 2-Fluorobiphenyl	*64.9*			*15.0-120*		*04/14/2025 12:59*	WG2489487
(S) 2,4,6-Tribromophenol	*58.4*			*10.0-127*		*04/14/2025 12:59*	WG2489487
(S) p-Terphenyl-d14	*70.3*			*10.0-120*		*04/14/2025 12:59*	WG2489487

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	98.6		1	04/13/2025 13:29	WG2489514

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		384	1010	1	04/14/2025 14:25	WG2489638

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		20.9	40.6	1	04/13/2025 19:51	WG2489631

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	633000		6160	20300	1	04/13/2025 23:34	WG2489697
Antimony	U		701	2030	1	04/13/2025 23:34	WG2489697
Arsenic	963	J	849	2030	1	04/13/2025 23:34	WG2489697
Barium	11000		86.2	507	1	04/13/2025 23:34	WG2489697
Beryllium	110	J	48.4	203	1	04/13/2025 23:34	WG2489697
Cadmium	U		66.2	507	1	04/13/2025 23:34	WG2489697
Calcium	3830000		19300	101000	1	04/13/2025 23:34	WG2489697
Chromium	1030		217	1010	1	04/13/2025 23:34	WG2489697
Cobalt	1060		179	1010	1	04/13/2025 23:34	WG2489697
Copper	1250	J	362	2030	1	04/13/2025 23:34	WG2489697
Iron	4020000		2270	10100	1	04/13/2025 23:34	WG2489697
Lead	2140		331	507	1	04/13/2025 23:34	WG2489697
Magnesium	430000		20200	101000	1	04/13/2025 23:34	WG2489697
Manganese	91800		175	1010	1	04/13/2025 23:34	WG2489697
Nickel	1300	J	203	2030	1	04/13/2025 23:34	WG2489697
Potassium	152000		21200	101000	1	04/13/2025 23:34	WG2489697
Selenium	U		1080	2030	1	04/13/2025 23:34	WG2489697
Silver	U		129	1010	1	04/13/2025 23:34	WG2489697
Sodium	100000	J	41800	101000	1	04/13/2025 23:34	WG2489697
Thallium	U		525	2030	1	04/13/2025 23:34	WG2489697
Vanadium	4880		388	2030	1	04/13/2025 23:34	WG2489697
Zinc	7240		988	5070	1	04/13/2025 23:34	WG2489697

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	24.3	B J	22.0	101	1	04/13/2025 20:50	WG2489567
(S) a,a,a-Trifluorotoluene(FID)	*97.8*			*77.0-120*		*04/13/2025 20:50*	WG2489567

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		37.5	51.4	1	04/13/2025 19:39	WG2489596
Acrylonitrile	U		3.71	12.8	1	04/13/2025 19:39	WG2489596
Benzene	U		0.480	1.03	1	04/13/2025 19:39	WG2489596
Bromobenzene	U		0.925	12.8	1	04/13/2025 19:39	WG2489596
Bromodichloromethane	U		0.745	2.57	1	04/13/2025 19:39	WG2489596
Bromoform	U		1.20	25.7	1	04/13/2025 19:39	WG2489596

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		2.02	12.8	1	04/13/2025 19:39	WG2489596
n-Butylbenzene	U		5.40	12.8	1	04/13/2025 19:39	WG2489596
sec-Butylbenzene	U		2.96	12.8	1	04/13/2025 19:39	WG2489596
tert-Butylbenzene	U		2.00	5.14	1	04/13/2025 19:39	WG2489596
Carbon tetrachloride	U		0.923	5.14	1	04/13/2025 19:39	WG2489596
Chlorobenzene	U		0.216	2.57	1	04/13/2025 19:39	WG2489596
Chlorodibromomethane	U		0.629	2.57	1	04/13/2025 19:39	WG2489596
Chloroethane	U		1.75	5.14	1	04/13/2025 19:39	WG2489596
Chloroform	1.19	B J	1.06	2.57	1	04/13/2025 19:39	WG2489596
Chloromethane	U		4.47	12.8	1	04/13/2025 19:39	WG2489596
2-Chlorotoluene	U		0.889	2.57	1	04/13/2025 19:39	WG2489596
4-Chlorotoluene	U		0.463	5.14	1	04/13/2025 19:39	WG2489596
1,2-Dibromo-3-Chloropropane	U		4.01	25.7	1	04/13/2025 19:39	WG2489596
1,2-Dibromoethane	U		0.666	2.57	1	04/13/2025 19:39	WG2489596
Dibromomethane	U		0.771	5.14	1	04/13/2025 19:39	WG2489596
1,2-Dichlorobenzene	U		0.437	5.14	1	04/13/2025 19:39	WG2489596
1,3-Dichlorobenzene	U		0.617	5.14	1	04/13/2025 19:39	WG2489596
1,4-Dichlorobenzene	U		0.720	5.14	1	04/13/2025 19:39	WG2489596
Dichlorodifluoromethane	U	C3	1.65	5.14	1	04/13/2025 19:39	WG2489596
1,1-Dichloroethane	U		0.505	2.57	1	04/13/2025 19:39	WG2489596
1,2-Dichloroethane	U		0.667	2.57	1	04/13/2025 19:39	WG2489596
1,1-Dichloroethene	U		0.623	2.57	1	04/13/2025 19:39	WG2489596
cis-1,2-Dichloroethene	U		0.754	2.57	1	04/13/2025 19:39	WG2489596
trans-1,2-Dichloroethene	U		1.07	5.14	1	04/13/2025 19:39	WG2489596
1,2-Dichloropropane	U		1.46	5.14	1	04/13/2025 19:39	WG2489596
1,1-Dichloropropene	U		0.832	2.57	1	04/13/2025 19:39	WG2489596
1,3-Dichloropropane	U		0.515	5.14	1	04/13/2025 19:39	WG2489596
cis-1,3-Dichloropropene	U		0.778	2.57	1	04/13/2025 19:39	WG2489596
trans-1,3-Dichloropropene	U		1.17	5.14	1	04/13/2025 19:39	WG2489596
2,2-Dichloropropane	U		1.42	2.57	1	04/13/2025 19:39	WG2489596
Di-isopropyl ether	U		0.421	1.03	1	04/13/2025 19:39	WG2489596
Ethylbenzene	U		0.758	2.57	1	04/13/2025 19:39	WG2489596
Hexachloro-1,3-butadiene	U		6.17	25.7	1	04/13/2025 19:39	WG2489596
Isopropylbenzene	U		0.437	2.57	1	04/13/2025 19:39	WG2489596
p-Isopropyltoluene	U		2.62	5.14	1	04/13/2025 19:39	WG2489596
2-Butanone (MEK)	U		65.3	103	1	04/13/2025 19:39	WG2489596
Methylene Chloride	U		6.83	25.7	1	04/13/2025 19:39	WG2489596
4-Methyl-2-pentanone (MIBK)	U		2.34	25.7	1	04/13/2025 19:39	WG2489596
Methyl tert-butyl ether	U		0.360	1.03	1	04/13/2025 19:39	WG2489596
Naphthalene	U		5.02	12.8	1	04/13/2025 19:39	WG2489596
n-Propylbenzene	U		0.977	5.14	1	04/13/2025 19:39	WG2489596
Styrene	U		0.235	12.8	1	04/13/2025 19:39	WG2489596
1,1,1,2-Tetrachloroethane	U		0.974	2.57	1	04/13/2025 19:39	WG2489596
1,1,2,2-Tetrachloroethane	U		0.714	2.57	1	04/13/2025 19:39	WG2489596
1,1,2-Trichlorotrifluoroethane	U		0.775	2.57	1	04/13/2025 19:39	WG2489596
Tetrachloroethene	U		0.921	2.57	1	04/13/2025 19:39	WG2489596
Toluene	2.52	B J	1.34	5.14	1	04/13/2025 19:39	WG2489596
1,2,3-Trichlorobenzene	U		7.53	12.8	1	04/13/2025 19:39	WG2489596
1,2,4-Trichlorobenzene	U		4.52	12.8	1	04/13/2025 19:39	WG2489596
1,1,1-Trichloroethane	U		0.949	2.57	1	04/13/2025 19:39	WG2489596
1,1,2-Trichloroethane	U		0.614	2.57	1	04/13/2025 19:39	WG2489596
Trichloroethene	U		0.600	1.03	1	04/13/2025 19:39	WG2489596
Trichlorofluoromethane	U		0.850	2.57	1	04/13/2025 19:39	WG2489596
1,2,3-Trichloropropane	U		1.67	12.8	1	04/13/2025 19:39	WG2489596
1,2,4-Trimethylbenzene	U		1.62	5.14	1	04/13/2025 19:39	WG2489596
1,2,3-Trimethylbenzene	U		1.62	5.14	1	04/13/2025 19:39	WG2489596

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		2.06	5.14	1	04/13/2025 19:39	WG2489596
Vinyl chloride	U		1.19	2.57	1	04/13/2025 19:39	WG2489596
Xylenes, Total	U		0.905	6.68	1	04/13/2025 19:39	WG2489596
(S) Toluene-d8	*99.9*			*75.0-131*		*04/13/2025 19:39*	WG2489596
(S) 4-Bromofluorobenzene	*99.3*			*67.0-138*		*04/13/2025 19:39*	WG2489596
(S) 1,2-Dichloroethane-d4	*93.1*			*70.0-130*		*04/13/2025 19:39*	WG2489596

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	1960	J	1630	4060	1	04/13/2025 23:32	WG2489494
C28-C36 Motor Oil Range	4500		278	4060	1	04/13/2025 23:32	WG2489494
(S) o-Terphenyl	*69.6*			*18.0-148*		*04/13/2025 23:32*	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		5.46	33.8	1	04/14/2025 12:39	WG2489487
Acenaphthylene	U		4.76	33.8	1	04/14/2025 12:39	WG2489487
Anthracene	U		6.01	33.8	1	04/14/2025 12:39	WG2489487
Benzidine	U	C7	63.5	1690	1	04/14/2025 12:39	WG2489487
Benzo(a)anthracene	U		5.95	33.8	1	04/14/2025 12:39	WG2489487
Benzo(b)fluoranthene	U		6.30	33.8	1	04/14/2025 12:39	WG2489487
Benzo(k)fluoranthene	U		6.00	33.8	1	04/14/2025 12:39	WG2489487
Benzo(g,h,i)perylene	U		6.17	33.8	1	04/14/2025 12:39	WG2489487
Benzo(a)pyrene	U		6.28	33.8	1	04/14/2025 12:39	WG2489487
Bis(2-chlorethoxy)methane	U		10.1	338	1	04/14/2025 12:39	WG2489487
Bis(2-chloroethyl)ether	U	C3	11.2	338	1	04/14/2025 12:39	WG2489487
2,2-Oxybis(1-Chloropropane)	U	C3	14.6	338	1	04/14/2025 12:39	WG2489487
4-Bromophenyl-phenylether	U		11.9	338	1	04/14/2025 12:39	WG2489487
2-Chloronaphthalene	U		5.93	33.8	1	04/14/2025 12:39	WG2489487
4-Chlorophenyl-phenylether	U		11.8	338	1	04/14/2025 12:39	WG2489487
Chrysene	U		6.71	33.8	1	04/14/2025 12:39	WG2489487
Dibenz(a,h)anthracene	U		9.36	33.8	1	04/14/2025 12:39	WG2489487
1,2-Dichlorobenzene	U		10.0	338	1	04/14/2025 12:39	WG2489487
1,3-Dichlorobenzene	U		10.2	338	1	04/14/2025 12:39	WG2489487
1,4-Dichlorobenzene	U		10.0	338	1	04/14/2025 12:39	WG2489487
3,3-Dichlorobenzidine	U		12.5	338	1	04/14/2025 12:39	WG2489487
2,4-Dinitrotoluene	U		9.68	338	1	04/14/2025 12:39	WG2489487
2,6-Dinitrotoluene	U		11.1	338	1	04/14/2025 12:39	WG2489487
Fluoranthene	U		6.09	33.8	1	04/14/2025 12:39	WG2489487
Fluorene	U		5.50	33.8	1	04/14/2025 12:39	WG2489487
Hexachlorobenzene	U		12.0	338	1	04/14/2025 12:39	WG2489487
Hexachloro-1,3-butadiene	U		11.4	338	1	04/14/2025 12:39	WG2489487
Hexachlorocyclopentadiene	U	C7	17.7	338	1	04/14/2025 12:39	WG2489487
Hexachloroethane	U		13.3	338	1	04/14/2025 12:39	WG2489487
Indeno(1,2,3-cd)pyrene	U		9.54	33.8	1	04/14/2025 12:39	WG2489487
Isophorone	U		10.3	338	1	04/14/2025 12:39	WG2489487
Naphthalene	U		8.48	33.8	1	04/14/2025 12:39	WG2489487
Nitrobenzene	U		11.8	338	1	04/14/2025 12:39	WG2489487
n-Nitrosodimethylamine	U		50.1	338	1	04/14/2025 12:39	WG2489487
n-Nitrosodiphenylamine	U		25.6	338	1	04/14/2025 12:39	WG2489487
n-Nitrosodi-n-propylamine	U		11.3	338	1	04/14/2025 12:39	WG2489487
Phenanthrene	U		6.70	33.8	1	04/14/2025 12:39	WG2489487
Benzylbutyl phthalate	U		10.5	338	1	04/14/2025 12:39	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		42.8	338	1	04/14/2025 12:39	WG2489487
Di-n-butyl phthalate	U		11.6	338	1	04/14/2025 12:39	WG2489487
Diethyl phthalate	U		11.2	338	1	04/14/2025 12:39	WG2489487
Dimethyl phthalate	U		71.6	338	1	04/14/2025 12:39	WG2489487
Di-n-octyl phthalate	U		22.8	338	1	04/14/2025 12:39	WG2489487
Pyrene	U		6.57	33.8	1	04/14/2025 12:39	WG2489487
1,2,4-Trichlorobenzene	U		10.5	338	1	04/14/2025 12:39	WG2489487
4-Chloro-3-methylphenol	U		11.0	338	1	04/14/2025 12:39	WG2489487
2-Chlorophenol	U		11.2	338	1	04/14/2025 12:39	WG2489487
2,4-Dichlorophenol	U		9.83	338	1	04/14/2025 12:39	WG2489487
2,4-Dimethylphenol	U	C3	8.82	338	1	04/14/2025 12:39	WG2489487
4,6-Dinitro-2-methylphenol	U		76.6	338	1	04/14/2025 12:39	WG2489487
2,4-Dinitrophenol	U		79.0	338	1	04/14/2025 12:39	WG2489487
2-Nitrophenol	U		12.1	338	1	04/14/2025 12:39	WG2489487
4-Nitrophenol	U		10.5	338	1	04/14/2025 12:39	WG2489487
Pentachlorophenol	U		9.08	338	1	04/14/2025 12:39	WG2489487
Phenol	U		13.6	338	1	04/14/2025 12:39	WG2489487
2,4,6-Trichlorophenol	U		10.8	338	1	04/14/2025 12:39	WG2489487
(S) 2-Fluorophenol	*64.4*			*12.0-120*		*04/14/2025 12:39*	WG2489487
(S) Phenol-d5	*57.3*			*10.0-120*		*04/14/2025 12:39*	WG2489487
(S) Nitrobenzene-d5	*58.8*			*10.0-122*		*04/14/2025 12:39*	WG2489487
(S) 2-Fluorobiphenyl	*65.9*			*15.0-120*		*04/14/2025 12:39*	WG2489487
(S) 2,4,6-Tribromophenol	*66.9*			*10.0-127*		*04/14/2025 12:39*	WG2489487
(S) p-Terphenyl-d14	*70.9*			*10.0-120*		*04/14/2025 12:39*	WG2489487

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	99.1		1	04/13/2025 13:24	WG2489515

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		383	1010	1	04/14/2025 14:34	WG2489638

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		20.8	40.4	1	04/13/2025 19:53	WG2489631

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	582000		6140	20200	1	04/13/2025 23:36	WG2489697
Antimony	U		698	2020	1	04/13/2025 23:36	WG2489697
Arsenic	1070	J	845	2020	1	04/13/2025 23:36	WG2489697
Barium	8050		85.8	505	1	04/13/2025 23:36	WG2489697
Beryllium	83.1	J	48.2	202	1	04/13/2025 23:36	WG2489697
Cadmium	U		65.9	505	1	04/13/2025 23:36	WG2489697
Calcium	2530000		19200	101000	1	04/13/2025 23:36	WG2489697
Chromium	1060		216	1010	1	04/13/2025 23:36	WG2489697
Cobalt	717	J	179	1010	1	04/13/2025 23:36	WG2489697
Copper	928	J	360	2020	1	04/13/2025 23:36	WG2489697
Iron	2790000		2260	10100	1	04/13/2025 23:36	WG2489697
Lead	2240		329	505	1	04/13/2025 23:36	WG2489697
Magnesium	337000		20100	101000	1	04/13/2025 23:36	WG2489697
Manganese	36000		175	1010	1	04/13/2025 23:36	WG2489697
Nickel	1100	J	202	2020	1	04/13/2025 23:36	WG2489697
Potassium	145000		21100	101000	1	04/13/2025 23:36	WG2489697
Selenium	U		1080	2020	1	04/13/2025 23:36	WG2489697
Silver	U		128	1010	1	04/13/2025 23:36	WG2489697
Sodium	U		41600	101000	1	04/13/2025 23:36	WG2489697
Thallium	U		523	2020	1	04/13/2025 23:36	WG2489697
Vanadium	4250		387	2020	1	04/13/2025 23:36	WG2489697
Zinc	7180		983	5050	1	04/13/2025 23:36	WG2489697

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	25.3	B J	21.9	101	1	04/13/2025 21:14	WG2489567
(S) a,a,a-Trifluorotoluene(FID)	*97.5*			*77.0-120*		*04/13/2025 21:14*	WG2489567

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		37.2	51.0	1	04/13/2025 19:58	WG2489596
Acrylonitrile	U		3.68	12.7	1	04/13/2025 19:58	WG2489596
Benzene	U		0.476	1.02	1	04/13/2025 19:58	WG2489596
Bromobenzene	U		0.917	12.7	1	04/13/2025 19:58	WG2489596
Bromodichloromethane	U		0.739	2.55	1	04/13/2025 19:58	WG2489596
Bromoform	U		1.19	25.5	1	04/13/2025 19:58	WG2489596

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		2.01	12.7	1	04/13/2025 19:58	WG2489596
n-Butylbenzene	U		5.35	12.7	1	04/13/2025 19:58	WG2489596
sec-Butylbenzene	U		2.94	12.7	1	04/13/2025 19:58	WG2489596
tert-Butylbenzene	U		1.99	5.10	1	04/13/2025 19:58	WG2489596
Carbon tetrachloride	U		0.915	5.10	1	04/13/2025 19:58	WG2489596
Chlorobenzene	U		0.214	2.55	1	04/13/2025 19:58	WG2489596
Chlorodibromomethane	U		0.624	2.55	1	04/13/2025 19:58	WG2489596
Chloroethane	U		1.73	5.10	1	04/13/2025 19:58	WG2489596
Chloroform	U		1.05	2.55	1	04/13/2025 19:58	WG2489596
Chloromethane	U		4.43	12.7	1	04/13/2025 19:58	WG2489596
2-Chlorotoluene	U		0.882	2.55	1	04/13/2025 19:58	WG2489596
4-Chlorotoluene	U		0.459	5.10	1	04/13/2025 19:58	WG2489596
1,2-Dibromo-3-Chloropropane	U		3.98	25.5	1	04/13/2025 19:58	WG2489596
1,2-Dibromoethane	U		0.661	2.55	1	04/13/2025 19:58	WG2489596
Dibromomethane	U		0.765	5.10	1	04/13/2025 19:58	WG2489596
1,2-Dichlorobenzene	U		0.433	5.10	1	04/13/2025 19:58	WG2489596
1,3-Dichlorobenzene	U		0.612	5.10	1	04/13/2025 19:58	WG2489596
1,4-Dichlorobenzene	U		0.714	5.10	1	04/13/2025 19:58	WG2489596
Dichlorodifluoromethane	U	C3	1.64	5.10	1	04/13/2025 19:58	WG2489596
1,1-Dichloroethane	U		0.501	2.55	1	04/13/2025 19:58	WG2489596
1,2-Dichloroethane	U		0.662	2.55	1	04/13/2025 19:58	WG2489596
1,1-Dichloroethene	U		0.618	2.55	1	04/13/2025 19:58	WG2489596
cis-1,2-Dichloroethene	U		0.748	2.55	1	04/13/2025 19:58	WG2489596
trans-1,2-Dichloroethene	U		1.06	5.10	1	04/13/2025 19:58	WG2489596
1,2-Dichloropropane	U		1.45	5.10	1	04/13/2025 19:58	WG2489596
1,1-Dichloropropene	U		0.825	2.55	1	04/13/2025 19:58	WG2489596
1,3-Dichloropropane	U		0.511	5.10	1	04/13/2025 19:58	WG2489596
cis-1,3-Dichloropropene	U		0.772	2.55	1	04/13/2025 19:58	WG2489596
trans-1,3-Dichloropropene	U		1.16	5.10	1	04/13/2025 19:58	WG2489596
2,2-Dichloropropane	U		1.41	2.55	1	04/13/2025 19:58	WG2489596
Di-isopropyl ether	U		0.418	1.02	1	04/13/2025 19:58	WG2489596
Ethylbenzene	U		0.751	2.55	1	04/13/2025 19:58	WG2489596
Hexachloro-1,3-butadiene	U		6.12	25.5	1	04/13/2025 19:58	WG2489596
Isopropylbenzene	U		0.433	2.55	1	04/13/2025 19:58	WG2489596
p-Isopropyltoluene	U		2.60	5.10	1	04/13/2025 19:58	WG2489596
2-Butanone (MEK)	U		64.7	102	1	04/13/2025 19:58	WG2489596
Methylene Chloride	U		6.77	25.5	1	04/13/2025 19:58	WG2489596
4-Methyl-2-pentanone (MIBK)	U		2.32	25.5	1	04/13/2025 19:58	WG2489596
Methyl tert-butyl ether	U		0.357	1.02	1	04/13/2025 19:58	WG2489596
Naphthalene	U		4.97	12.7	1	04/13/2025 19:58	WG2489596
n-Propylbenzene	U		0.968	5.10	1	04/13/2025 19:58	WG2489596
Styrene	U		0.233	12.7	1	04/13/2025 19:58	WG2489596
1,1,1,2-Tetrachloroethane	U		0.966	2.55	1	04/13/2025 19:58	WG2489596
1,1,2,2-Tetrachloroethane	U		0.708	2.55	1	04/13/2025 19:58	WG2489596
1,1,2-Trichlorotrifluoroethane	U		0.769	2.55	1	04/13/2025 19:58	WG2489596
Tetrachloroethene	U		0.913	2.55	1	04/13/2025 19:58	WG2489596
Toluene	2.60	B J	1.33	5.10	1	04/13/2025 19:58	WG2489596
1,2,3-Trichlorobenzene	U		7.47	12.7	1	04/13/2025 19:58	WG2489596
1,2,4-Trichlorobenzene	U		4.49	12.7	1	04/13/2025 19:58	WG2489596
1,1,1-Trichloroethane	U		0.941	2.55	1	04/13/2025 19:58	WG2489596
1,1,2-Trichloroethane	U		0.609	2.55	1	04/13/2025 19:58	WG2489596
Trichloroethene	U		0.595	1.02	1	04/13/2025 19:58	WG2489596
Trichlorofluoromethane	U		0.843	2.55	1	04/13/2025 19:58	WG2489596
1,2,3-Trichloropropane	U		1.65	12.7	1	04/13/2025 19:58	WG2489596
1,2,4-Trimethylbenzene	U		1.61	5.10	1	04/13/2025 19:58	WG2489596
1,2,3-Trimethylbenzene	U		1.61	5.10	1	04/13/2025 19:58	WG2489596

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		2.04	5.10	1	04/13/2025 19:58	WG2489596
Vinyl chloride	U		1.18	2.55	1	04/13/2025 19:58	WG2489596
Xylenes, Total	U		0.897	6.63	1	04/13/2025 19:58	WG2489596
(S) Toluene-d8	*100*			*75.0-131*		*04/13/2025 19:58*	WG2489596
(S) 4-Bromofluorobenzene	*100*			*67.0-138*		*04/13/2025 19:58*	WG2489596
(S) 1,2-Dichloroethane-d4	*88.7*			*70.0-130*		*04/13/2025 19:58*	WG2489596

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		1630	4040	1	04/13/2025 23:07	WG2489495
C28-C36 Motor Oil Range	3460	J	277	4040	1	04/13/2025 23:07	WG2489495
(S) o-Terphenyl	*79.6*			*18.0-148*		*04/13/2025 23:07*	WG2489495

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		5.44	33.6	1	04/14/2025 16:18	WG2489488
Acenaphthylene	U		4.73	33.6	1	04/14/2025 16:18	WG2489488
Anthracene	U		5.99	33.6	1	04/14/2025 16:18	WG2489488
Benzidine	U		63.2	1690	1	04/14/2025 16:18	WG2489488
Benzo(a)anthracene	U		5.93	33.6	1	04/14/2025 16:18	WG2489488
Benzo(b)fluoranthene	U		6.27	33.6	1	04/14/2025 16:18	WG2489488
Benzo(k)fluoranthene	U		5.98	33.6	1	04/14/2025 16:18	WG2489488
Benzo(g,h,i)perylene	U		6.15	33.6	1	04/14/2025 16:18	WG2489488
Benzo(a)pyrene	U		6.25	33.6	1	04/14/2025 16:18	WG2489488
Bis(2-chlorethoxy)methane	U		10.1	336	1	04/14/2025 16:18	WG2489488
Bis(2-chloroethyl)ether	U		11.1	336	1	04/14/2025 16:18	WG2489488
2,2-Oxybis(1-Chloropropane)	U		14.5	336	1	04/14/2025 16:18	WG2489488
4-Bromophenyl-phenylether	U		11.8	336	1	04/14/2025 16:18	WG2489488
2-Chloronaphthalene	U		5.91	33.6	1	04/14/2025 16:18	WG2489488
4-Chlorophenyl-phenylether	U		11.7	336	1	04/14/2025 16:18	WG2489488
Chrysene	U		6.68	33.6	1	04/14/2025 16:18	WG2489488
Dibenz(a,h)anthracene	U		9.32	33.6	1	04/14/2025 16:18	WG2489488
1,2-Dichlorobenzene	U		9.96	336	1	04/14/2025 16:18	WG2489488
1,3-Dichlorobenzene	U		10.2	336	1	04/14/2025 16:18	WG2489488
1,4-Dichlorobenzene	U		10.0	336	1	04/14/2025 16:18	WG2489488
3,3-Dichlorobenzidine	U		12.4	336	1	04/14/2025 16:18	WG2489488
2,4-Dinitrotoluene	U		9.64	336	1	04/14/2025 16:18	WG2489488
2,6-Dinitrotoluene	U		11.0	336	1	04/14/2025 16:18	WG2489488
Fluoranthene	U		6.07	33.6	1	04/14/2025 16:18	WG2489488
Fluorene	U		5.47	33.6	1	04/14/2025 16:18	WG2489488
Hexachlorobenzene	U		11.9	336	1	04/14/2025 16:18	WG2489488
Hexachloro-1,3-butadiene	U		11.3	336	1	04/14/2025 16:18	WG2489488
Hexachlorocyclopentadiene	U	C7	17.7	336	1	04/14/2025 16:18	WG2489488
Hexachloroethane	U		13.2	336	1	04/14/2025 16:18	WG2489488
Indeno(1,2,3-cd)pyrene	U		9.50	33.6	1	04/14/2025 16:18	WG2489488
Isophorone	U		10.3	336	1	04/14/2025 16:18	WG2489488
Naphthalene	U		8.44	33.6	1	04/14/2025 16:18	WG2489488
Nitrobenzene	U		11.7	336	1	04/14/2025 16:18	WG2489488
n-Nitrosodimethylamine	U		49.9	336	1	04/14/2025 16:18	WG2489488
n-Nitrosodiphenylamine	U		25.4	336	1	04/14/2025 16:18	WG2489488
n-Nitrosodi-n-propylamine	U		11.2	336	1	04/14/2025 16:18	WG2489488
Phenanthrene	U		6.67	33.6	1	04/14/2025 16:18	WG2489488
Benzylbutyl phthalate	U		10.5	336	1	04/14/2025 16:18	WG2489488

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		42.6	336	1	04/14/2025 16:18	WG2489488
Di-n-butyl phthalate	U		11.5	336	1	04/14/2025 16:18	WG2489488
Diethyl phthalate	U		11.1	336	1	04/14/2025 16:18	WG2489488
Dimethyl phthalate	U		71.3	336	1	04/14/2025 16:18	WG2489488
Di-n-octyl phthalate	U		22.7	336	1	04/14/2025 16:18	WG2489488
Pyrene	U		6.54	33.6	1	04/14/2025 16:18	WG2489488
1,2,4-Trichlorobenzene	U		10.5	336	1	04/14/2025 16:18	WG2489488
4-Chloro-3-methylphenol	U		10.9	336	1	04/14/2025 16:18	WG2489488
2-Chlorophenol	U		11.1	336	1	04/14/2025 16:18	WG2489488
2,4-Dichlorophenol	U		9.79	336	1	04/14/2025 16:18	WG2489488
2,4-Dimethylphenol	U		8.78	336	1	04/14/2025 16:18	WG2489488
4,6-Dinitro-2-methylphenol	U		76.2	336	1	04/14/2025 16:18	WG2489488
2,4-Dinitrophenol	U		78.6	336	1	04/14/2025 16:18	WG2489488
2-Nitrophenol	U		12.0	336	1	04/14/2025 16:18	WG2489488
4-Nitrophenol	U		10.5	336	1	04/14/2025 16:18	WG2489488
Pentachlorophenol	U		9.05	336	1	04/14/2025 16:18	WG2489488
Phenol	U		13.5	336	1	04/14/2025 16:18	WG2489488
2,4,6-Trichlorophenol	U		10.8	336	1	04/14/2025 16:18	WG2489488
(S) 2-Fluorophenol	*77.3*			*12.0-120*		*04/14/2025 16:18*	WG2489488
(S) Phenol-d5	*75.2*			*10.0-120*		*04/14/2025 16:18*	WG2489488
(S) Nitrobenzene-d5	*67.0*			*10.0-122*		*04/14/2025 16:18*	WG2489488
(S) 2-Fluorobiphenyl	*70.7*			*15.0-120*		*04/14/2025 16:18*	WG2489488
(S) 2,4,6-Tribromophenol	*70.4*			*10.0-127*		*04/14/2025 16:18*	WG2489488
(S) p-Terphenyl-d14	*75.3*			*10.0-120*		*04/14/2025 16:18*	WG2489488

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	98.4		1	04/13/2025 13:24	WG2489515

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		385	1020	1	04/14/2025 14:52	WG2489638

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		20.9	40.6	1	04/13/2025 19:55	WG2489631

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	495000		6180	20300	1	04/13/2025 23:37	WG2489697
Antimony	U		702	2030	1	04/13/2025 23:37	WG2489697
Arsenic	999	J	850	2030	1	04/13/2025 23:37	WG2489697
Barium	8160		86.3	508	1	04/13/2025 23:37	WG2489697
Beryllium	73.1	J	48.5	203	1	04/13/2025 23:37	WG2489697
Cadmium	U		66.3	508	1	04/13/2025 23:37	WG2489697
Calcium	2650000		19300	102000	1	04/13/2025 23:37	WG2489697
Chromium	892	J	217	1020	1	04/13/2025 23:37	WG2489697
Cobalt	768	J	180	1020	1	04/13/2025 23:37	WG2489697
Copper	857	J	363	2030	1	04/13/2025 23:37	WG2489697
Iron	2380000		2280	10200	1	04/13/2025 23:37	WG2489697
Lead	2030		331	508	1	04/13/2025 23:37	WG2489697
Magnesium	343000		20200	102000	1	04/13/2025 23:37	WG2489697
Manganese	53700		176	1020	1	04/13/2025 23:37	WG2489697
Nickel	1050	J	203	2030	1	04/13/2025 23:37	WG2489697
Potassium	129000		21200	102000	1	04/13/2025 23:37	WG2489697
Selenium	U		1090	2030	1	04/13/2025 23:37	WG2489697
Silver	U		129	1020	1	04/13/2025 23:37	WG2489697
Sodium	U		41900	102000	1	04/13/2025 23:37	WG2489697
Thallium	U		526	2030	1	04/13/2025 23:37	WG2489697
Vanadium	3430		389	2030	1	04/13/2025 23:37	WG2489697
Zinc	6540		989	5080	1	04/13/2025 23:37	WG2489697

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	29.9	B J	22.0	102	1	04/13/2025 21:37	WG2489567
(S) a,a,a-Trifluorotoluene(FID)	*97.6*			*77.0-120*		*04/13/2025 21:37*	WG2489567

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		37.7	51.6	1	04/13/2025 20:17	WG2489596
Acrylonitrile	U		3.73	12.9	1	04/13/2025 20:17	WG2489596
Benzene	U		0.482	1.03	1	04/13/2025 20:17	WG2489596
Bromobenzene	U		0.929	12.9	1	04/13/2025 20:17	WG2489596
Bromodichloromethane	U		0.748	2.58	1	04/13/2025 20:17	WG2489596
Bromoform	U		1.21	25.8	1	04/13/2025 20:17	WG2489596

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		2.03	12.9	1	04/13/2025 20:17	WG2489596
n-Butylbenzene	U		5.42	12.9	1	04/13/2025 20:17	WG2489596
sec-Butylbenzene	U		2.97	12.9	1	04/13/2025 20:17	WG2489596
tert-Butylbenzene	U		2.01	5.16	1	04/13/2025 20:17	WG2489596
Carbon tetrachloride	U		0.927	5.16	1	04/13/2025 20:17	WG2489596
Chlorobenzene	U		0.217	2.58	1	04/13/2025 20:17	WG2489596
Chlorodibromomethane	U		0.632	2.58	1	04/13/2025 20:17	WG2489596
Chloroethane	U		1.75	5.16	1	04/13/2025 20:17	WG2489596
Chloroform	U		1.06	2.58	1	04/13/2025 20:17	WG2489596
Chloromethane	U		4.49	12.9	1	04/13/2025 20:17	WG2489596
2-Chlorotoluene	U		0.893	2.58	1	04/13/2025 20:17	WG2489596
4-Chlorotoluene	U		0.465	5.16	1	04/13/2025 20:17	WG2489596
1,2-Dibromo-3-Chloropropane	U		4.03	25.8	1	04/13/2025 20:17	WG2489596
1,2-Dibromoethane	U		0.669	2.58	1	04/13/2025 20:17	WG2489596
Dibromomethane	U		0.774	5.16	1	04/13/2025 20:17	WG2489596
1,2-Dichlorobenzene	U		0.439	5.16	1	04/13/2025 20:17	WG2489596
1,3-Dichlorobenzene	U		0.619	5.16	1	04/13/2025 20:17	WG2489596
1,4-Dichlorobenzene	U		0.723	5.16	1	04/13/2025 20:17	WG2489596
Dichlorodifluoromethane	U	C3	1.66	5.16	1	04/13/2025 20:17	WG2489596
1,1-Dichloroethane	U		0.507	2.58	1	04/13/2025 20:17	WG2489596
1,2-Dichloroethane	U		0.670	2.58	1	04/13/2025 20:17	WG2489596
1,1-Dichloroethene	U		0.626	2.58	1	04/13/2025 20:17	WG2489596
cis-1,2-Dichloroethene	U		0.758	2.58	1	04/13/2025 20:17	WG2489596
trans-1,2-Dichloroethene	U		1.07	5.16	1	04/13/2025 20:17	WG2489596
1,2-Dichloropropane	U		1.47	5.16	1	04/13/2025 20:17	WG2489596
1,1-Dichloropropene	U		0.835	2.58	1	04/13/2025 20:17	WG2489596
1,3-Dichloropropane	U		0.517	5.16	1	04/13/2025 20:17	WG2489596
cis-1,3-Dichloropropene	U		0.781	2.58	1	04/13/2025 20:17	WG2489596
trans-1,3-Dichloropropene	U		1.18	5.16	1	04/13/2025 20:17	WG2489596
2,2-Dichloropropane	U		1.42	2.58	1	04/13/2025 20:17	WG2489596
Di-isopropyl ether	U		0.423	1.03	1	04/13/2025 20:17	WG2489596
Ethylbenzene	U		0.761	2.58	1	04/13/2025 20:17	WG2489596
Hexachloro-1,3-butadiene	U		6.19	25.8	1	04/13/2025 20:17	WG2489596
Isopropylbenzene	U		0.439	2.58	1	04/13/2025 20:17	WG2489596
p-Isopropyltoluene	U		2.63	5.16	1	04/13/2025 20:17	WG2489596
2-Butanone (MEK)	U		65.6	103	1	04/13/2025 20:17	WG2489596
Methylene Chloride	U		6.85	25.8	1	04/13/2025 20:17	WG2489596
4-Methyl-2-pentanone (MIBK)	U		2.35	25.8	1	04/13/2025 20:17	WG2489596
Methyl tert-butyl ether	U		0.361	1.03	1	04/13/2025 20:17	WG2489596
Naphthalene	U		5.04	12.9	1	04/13/2025 20:17	WG2489596
n-Propylbenzene	U		0.981	5.16	1	04/13/2025 20:17	WG2489596
Styrene	U		0.236	12.9	1	04/13/2025 20:17	WG2489596
1,1,1,2-Tetrachloroethane	U		0.979	2.58	1	04/13/2025 20:17	WG2489596
1,1,2,2-Tetrachloroethane	U		0.717	2.58	1	04/13/2025 20:17	WG2489596
1,1,2-Trichlorotrifluoroethane	U		0.778	2.58	1	04/13/2025 20:17	WG2489596
Tetrachloroethene	U		0.925	2.58	1	04/13/2025 20:17	WG2489596
Toluene	2.53	B J	1.34	5.16	1	04/13/2025 20:17	WG2489596
1,2,3-Trichlorobenzene	U		7.57	12.9	1	04/13/2025 20:17	WG2489596
1,2,4-Trichlorobenzene	U		4.54	12.9	1	04/13/2025 20:17	WG2489596
1,1,1-Trichloroethane	U		0.953	2.58	1	04/13/2025 20:17	WG2489596
1,1,2-Trichloroethane	U		0.616	2.58	1	04/13/2025 20:17	WG2489596
Trichloroethene	U		0.603	1.03	1	04/13/2025 20:17	WG2489596
Trichlorofluoromethane	U		0.854	2.58	1	04/13/2025 20:17	WG2489596
1,2,3-Trichloropropane	U		1.67	12.9	1	04/13/2025 20:17	WG2489596
1,2,4-Trimethylbenzene	U		1.63	5.16	1	04/13/2025 20:17	WG2489596
1,2,3-Trimethylbenzene	U		1.63	5.16	1	04/13/2025 20:17	WG2489596

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		2.06	5.16	1	04/13/2025 20:17	WG2489596
Vinyl chloride	U		1.20	2.58	1	04/13/2025 20:17	WG2489596
Xylenes, Total	U		0.908	6.71	1	04/13/2025 20:17	WG2489596
(S) Toluene-d8	*100*			*75.0-131*		*04/13/2025 20:17*	WG2489596
(S) 4-Bromofluorobenzene	*100*			*67.0-138*		*04/13/2025 20:17*	WG2489596
(S) 1,2-Dichloroethane-d4	*90.3*			*70.0-130*		*04/13/2025 20:17*	WG2489596

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		1640	4060	1	04/13/2025 23:20	WG2489495
C28-C36 Motor Oil Range	8130		278	4060	1	04/13/2025 23:20	WG2489495
(S) o-Terphenyl	*80.2*			*18.0-148*		*04/13/2025 23:20*	WG2489495

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		5.48	33.8	1	04/14/2025 16:39	WG2489488
Acenaphthylene	U		4.76	33.8	1	04/14/2025 16:39	WG2489488
Anthracene	U		6.02	33.8	1	04/14/2025 16:39	WG2489488
Benzidine	U		63.6	1700	1	04/14/2025 16:39	WG2489488
Benzo(a)anthracene	U		5.96	33.8	1	04/14/2025 16:39	WG2489488
Benzo(b)fluoranthene	U		6.31	33.8	1	04/14/2025 16:39	WG2489488
Benzo(k)fluoranthene	U		6.01	33.8	1	04/14/2025 16:39	WG2489488
Benzo(g,h,i)perylene	U		6.19	33.8	1	04/14/2025 16:39	WG2489488
Benzo(a)pyrene	U		6.29	33.8	1	04/14/2025 16:39	WG2489488
Bis(2-chlorethoxy)methane	U		10.2	338	1	04/14/2025 16:39	WG2489488
Bis(2-chloroethyl)ether	U		11.2	338	1	04/14/2025 16:39	WG2489488
2,2-Oxybis(1-Chloropropane)	U		14.6	338	1	04/14/2025 16:39	WG2489488
4-Bromophenyl-phenylether	U		11.9	338	1	04/14/2025 16:39	WG2489488
2-Chloronaphthalene	U		5.94	33.8	1	04/14/2025 16:39	WG2489488
4-Chlorophenyl-phenylether	U		11.8	338	1	04/14/2025 16:39	WG2489488
Chrysene	U		6.73	33.8	1	04/14/2025 16:39	WG2489488
Dibenz(a,h)anthracene	U		9.38	33.8	1	04/14/2025 16:39	WG2489488
1,2-Dichlorobenzene	U		10.0	338	1	04/14/2025 16:39	WG2489488
1,3-Dichlorobenzene	U		10.3	338	1	04/14/2025 16:39	WG2489488
1,4-Dichlorobenzene	U		10.1	338	1	04/14/2025 16:39	WG2489488
3,3-Dichlorobenzidine	U		12.5	338	1	04/14/2025 16:39	WG2489488
2,4-Dinitrotoluene	U		9.70	338	1	04/14/2025 16:39	WG2489488
2,6-Dinitrotoluene	U		11.1	338	1	04/14/2025 16:39	WG2489488
Fluoranthene	U		6.11	33.8	1	04/14/2025 16:39	WG2489488
Fluorene	U		5.51	33.8	1	04/14/2025 16:39	WG2489488
Hexachlorobenzene	U		12.0	338	1	04/14/2025 16:39	WG2489488
Hexachloro-1,3-butadiene	U		11.4	338	1	04/14/2025 16:39	WG2489488
Hexachlorocyclopentadiene	U	C7	17.8	338	1	04/14/2025 16:39	WG2489488
Hexachloroethane	U		13.3	338	1	04/14/2025 16:39	WG2489488
Indeno(1,2,3-cd)pyrene	U		9.56	33.8	1	04/14/2025 16:39	WG2489488
Isophorone	U		10.4	338	1	04/14/2025 16:39	WG2489488
Naphthalene	U		8.49	33.8	1	04/14/2025 16:39	WG2489488
Nitrobenzene	U		11.8	338	1	04/14/2025 16:39	WG2489488
n-Nitrosodimethylamine	U		50.2	338	1	04/14/2025 16:39	WG2489488
n-Nitrosodiphenylamine	U		25.6	338	1	04/14/2025 16:39	WG2489488
n-Nitrosodi-n-propylamine	U		11.3	338	1	04/14/2025 16:39	WG2489488
Phenanthrene	U		6.71	33.8	1	04/14/2025 16:39	WG2489488
Benzylbutyl phthalate	U		10.6	338	1	04/14/2025 16:39	WG2489488

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		42.9	338	1	04/14/2025 16:39	WG2489488
Di-n-butyl phthalate	U		11.6	338	1	04/14/2025 16:39	WG2489488
Diethyl phthalate	U		11.2	338	1	04/14/2025 16:39	WG2489488
Dimethyl phthalate	U		71.7	338	1	04/14/2025 16:39	WG2489488
Di-n-octyl phthalate	U		22.9	338	1	04/14/2025 16:39	WG2489488
Pyrene	U		6.58	33.8	1	04/14/2025 16:39	WG2489488
1,2,4-Trichlorobenzene	U		10.6	338	1	04/14/2025 16:39	WG2489488
4-Chloro-3-methylphenol	U		11.0	338	1	04/14/2025 16:39	WG2489488
2-Chlorophenol	U		11.2	338	1	04/14/2025 16:39	WG2489488
2,4-Dichlorophenol	U		9.85	338	1	04/14/2025 16:39	WG2489488
2,4-Dimethylphenol	U		8.84	338	1	04/14/2025 16:39	WG2489488
4,6-Dinitro-2-methylphenol	U		76.7	338	1	04/14/2025 16:39	WG2489488
2,4-Dinitrophenol	U		79.1	338	1	04/14/2025 16:39	WG2489488
2-Nitrophenol	U		12.1	338	1	04/14/2025 16:39	WG2489488
4-Nitrophenol	U		10.6	338	1	04/14/2025 16:39	WG2489488
Pentachlorophenol	U		9.10	338	1	04/14/2025 16:39	WG2489488
Phenol	U		13.6	338	1	04/14/2025 16:39	WG2489488
2,4,6-Trichlorophenol	U		10.9	338	1	04/14/2025 16:39	WG2489488
(S) 2-Fluorophenol	*72.6*			*12.0-120*		*04/14/2025 16:39*	WG2489488
(S) Phenol-d5	*70.3*			*10.0-120*		*04/14/2025 16:39*	WG2489488
(S) Nitrobenzene-d5	*63.0*			*10.0-122*		*04/14/2025 16:39*	WG2489488
(S) 2-Fluorobiphenyl	*68.8*			*15.0-120*		*04/14/2025 16:39*	WG2489488
(S) 2,4,6-Tribromophenol	*64.7*			*10.0-127*		*04/14/2025 16:39*	WG2489488
(S) p-Terphenyl-d14	*73.7*			*10.0-120*		*04/14/2025 16:39*	WG2489488

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	99.0		1	04/13/2025 13:24	WG2489515

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		383	1010	1	04/14/2025 15:01	WG2489638

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		20.8	40.4	1	04/13/2025 20:03	WG2489631

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	517000		6140	20200	1	04/13/2025 23:39	WG2489697
Antimony	U		698	2020	1	04/13/2025 23:39	WG2489697
Arsenic	U		846	2020	1	04/13/2025 23:39	WG2489697
Barium	9840		85.9	505	1	04/13/2025 23:39	WG2489697
Beryllium	81.6	J	48.2	202	1	04/13/2025 23:39	WG2489697
Cadmium	U		66.0	505	1	04/13/2025 23:39	WG2489697
Calcium	2090000		19200	101000	1	04/13/2025 23:39	WG2489697
Chromium	847	J	216	1010	1	04/13/2025 23:39	WG2489697
Cobalt	774	J	179	1010	1	04/13/2025 23:39	WG2489697
Copper	668	J	361	2020	1	04/13/2025 23:39	WG2489697
Iron	2270000		2260	10100	1	04/13/2025 23:39	WG2489697
Lead	2210		329	505	1	04/13/2025 23:39	WG2489697
Magnesium	335000		20100	101000	1	04/13/2025 23:39	WG2489697
Manganese	49800		175	1010	1	04/13/2025 23:39	WG2489697
Nickel	986	J	202	2020	1	04/13/2025 23:39	WG2489697
Potassium	132000		21100	101000	1	04/13/2025 23:39	WG2489697
Selenium	U		1080	2020	1	04/13/2025 23:39	WG2489697
Silver	U		128	1010	1	04/13/2025 23:39	WG2489697
Sodium	57800	J	41600	101000	1	04/13/2025 23:39	WG2489697
Thallium	U		523	2020	1	04/13/2025 23:39	WG2489697
Vanadium	3600		387	2020	1	04/13/2025 23:39	WG2489697
Zinc	6780		984	5050	1	04/13/2025 23:39	WG2489697

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	33.0	B J	21.9	101	1	04/14/2025 05:26	WG2489588
(S) a,a,a-Trifluorotoluene(FID)	*98.0*			*77.0-120*		*04/14/2025 05:26*	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		37.3	51.0	1	04/13/2025 20:37	WG2489596
Acrylonitrile	U		3.68	12.8	1	04/13/2025 20:37	WG2489596
Benzene	U		0.477	1.02	1	04/13/2025 20:37	WG2489596
Bromobenzene	U		0.919	12.8	1	04/13/2025 20:37	WG2489596
Bromodichloromethane	U		0.740	2.55	1	04/13/2025 20:37	WG2489596
Bromoform	U		1.19	25.5	1	04/13/2025 20:37	WG2489596

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		2.01	12.8	1	04/13/2025 20:37	WG2489596
n-Butylbenzene	U		5.36	12.8	1	04/13/2025 20:37	WG2489596
sec-Butylbenzene	U		2.94	12.8	1	04/13/2025 20:37	WG2489596
tert-Butylbenzene	U		1.99	5.10	1	04/13/2025 20:37	WG2489596
Carbon tetrachloride	U		0.917	5.10	1	04/13/2025 20:37	WG2489596
Chlorobenzene	U		0.214	2.55	1	04/13/2025 20:37	WG2489596
Chlorodibromomethane	U		0.625	2.55	1	04/13/2025 20:37	WG2489596
Chloroethane	U		1.74	5.10	1	04/13/2025 20:37	WG2489596
Chloroform	U		1.05	2.55	1	04/13/2025 20:37	WG2489596
Chloromethane	U		4.44	12.8	1	04/13/2025 20:37	WG2489596
2-Chlorotoluene	U		0.883	2.55	1	04/13/2025 20:37	WG2489596
4-Chlorotoluene	U		0.459	5.10	1	04/13/2025 20:37	WG2489596
1,2-Dibromo-3-Chloropropane	U		3.98	25.5	1	04/13/2025 20:37	WG2489596
1,2-Dibromoethane	U		0.661	2.55	1	04/13/2025 20:37	WG2489596
Dibromomethane	U		0.766	5.10	1	04/13/2025 20:37	WG2489596
1,2-Dichlorobenzene	U		0.434	5.10	1	04/13/2025 20:37	WG2489596
1,3-Dichlorobenzene	U		0.612	5.10	1	04/13/2025 20:37	WG2489596
1,4-Dichlorobenzene	U		0.715	5.10	1	04/13/2025 20:37	WG2489596
Dichlorodifluoromethane	U	C3	1.64	5.10	1	04/13/2025 20:37	WG2489596
1,1-Dichloroethane	U		0.501	2.55	1	04/13/2025 20:37	WG2489596
1,2-Dichloroethane	U		0.662	2.55	1	04/13/2025 20:37	WG2489596
1,1-Dichloroethene	U		0.619	2.55	1	04/13/2025 20:37	WG2489596
cis-1,2-Dichloroethene	U		0.749	2.55	1	04/13/2025 20:37	WG2489596
trans-1,2-Dichloroethene	U		1.06	5.10	1	04/13/2025 20:37	WG2489596
1,2-Dichloropropane	U		1.45	5.10	1	04/13/2025 20:37	WG2489596
1,1-Dichloropropene	U		0.826	2.55	1	04/13/2025 20:37	WG2489596
1,3-Dichloropropane	U		0.511	5.10	1	04/13/2025 20:37	WG2489596
cis-1,3-Dichloropropene	U		0.773	2.55	1	04/13/2025 20:37	WG2489596
trans-1,3-Dichloropropene	U		1.16	5.10	1	04/13/2025 20:37	WG2489596
2,2-Dichloropropane	U		1.41	2.55	1	04/13/2025 20:37	WG2489596
Di-isopropyl ether	U		0.419	1.02	1	04/13/2025 20:37	WG2489596
Ethylbenzene	U		0.752	2.55	1	04/13/2025 20:37	WG2489596
Hexachloro-1,3-butadiene	U		6.12	25.5	1	04/13/2025 20:37	WG2489596
Isopropylbenzene	U		0.434	2.55	1	04/13/2025 20:37	WG2489596
p-Isopropyltoluene	U		2.60	5.10	1	04/13/2025 20:37	WG2489596
2-Butanone (MEK)	U		64.8	102	1	04/13/2025 20:37	WG2489596
Methylene Chloride	U		6.78	25.5	1	04/13/2025 20:37	WG2489596
4-Methyl-2-pentanone (MIBK)	U		2.33	25.5	1	04/13/2025 20:37	WG2489596
Methyl tert-butyl ether	U		0.357	1.02	1	04/13/2025 20:37	WG2489596
Naphthalene	U		4.98	12.8	1	04/13/2025 20:37	WG2489596
n-Propylbenzene	U		0.970	5.10	1	04/13/2025 20:37	WG2489596
Styrene	U		0.234	12.8	1	04/13/2025 20:37	WG2489596
1,1,1,2-Tetrachloroethane	U		0.968	2.55	1	04/13/2025 20:37	WG2489596
1,1,2,2-Tetrachloroethane	U		0.709	2.55	1	04/13/2025 20:37	WG2489596
1,1,2-Trichlorotrifluoroethane	U		0.770	2.55	1	04/13/2025 20:37	WG2489596
Tetrachloroethene	U		0.915	2.55	1	04/13/2025 20:37	WG2489596
Toluene	2.27	B J	1.33	5.10	1	04/13/2025 20:37	WG2489596
1,2,3-Trichlorobenzene	U		7.48	12.8	1	04/13/2025 20:37	WG2489596
1,2,4-Trichlorobenzene	U		4.49	12.8	1	04/13/2025 20:37	WG2489596
1,1,1-Trichloroethane	U		0.942	2.55	1	04/13/2025 20:37	WG2489596
1,1,2-Trichloroethane	U		0.609	2.55	1	04/13/2025 20:37	WG2489596
Trichloroethene	U		0.596	1.02	1	04/13/2025 20:37	WG2489596
Trichlorofluoromethane	U		0.844	2.55	1	04/13/2025 20:37	WG2489596
1,2,3-Trichloropropane	U		1.65	12.8	1	04/13/2025 20:37	WG2489596
1,2,4-Trimethylbenzene	U		1.61	5.10	1	04/13/2025 20:37	WG2489596
1,2,3-Trimethylbenzene	U		1.61	5.10	1	04/13/2025 20:37	WG2489596

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		2.04	5.10	1	04/13/2025 20:37	WG2489596
Vinyl chloride	U		1.18	2.55	1	04/13/2025 20:37	WG2489596
Xylenes, Total	U		0.898	6.63	1	04/13/2025 20:37	WG2489596
(S) Toluene-d8	*101*			*75.0-131*		*04/13/2025 20:37*	WG2489596
(S) 4-Bromofluorobenzene	*101*			*67.0-138*		*04/13/2025 20:37*	WG2489596
(S) 1,2-Dichloroethane-d4	*88.3*			*70.0-130*		*04/13/2025 20:37*	WG2489596

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		1630	4040	1	04/13/2025 23:32	WG2489495
C28-C36 Motor Oil Range	4890		277	4040	1	04/13/2025 23:32	WG2489495
(S) o-Terphenyl	*80.3*			*18.0-148*		*04/13/2025 23:32*	WG2489495

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	13.2	J	5.45	33.6	1	04/14/2025 14:06	WG2489488
Acenaphthylene	U		4.74	33.6	1	04/14/2025 14:06	WG2489488
Anthracene	33.9		5.99	33.6	1	04/14/2025 14:06	WG2489488
Benzidine	U	C7	63.2	1690	1	04/14/2025 14:06	WG2489488
Benzo(a)anthracene	52.9		5.93	33.6	1	04/14/2025 14:06	WG2489488
Benzo(b)fluoranthene	59.5		6.27	33.6	1	04/14/2025 14:06	WG2489488
Benzo(k)fluoranthene	21.6	J	5.98	33.6	1	04/14/2025 14:06	WG2489488
Benzo(g,h,i)perylene	43.3		6.15	33.6	1	04/14/2025 14:06	WG2489488
Benzo(a)pyrene	52.5		6.25	33.6	1	04/14/2025 14:06	WG2489488
Bis(2-chlorethoxy)methane	U		10.1	336	1	04/14/2025 14:06	WG2489488
Bis(2-chloroethyl)ether	U	C3	11.1	336	1	04/14/2025 14:06	WG2489488
2,2-Oxybis(1-Chloropropane)	U	C3	14.5	336	1	04/14/2025 14:06	WG2489488
4-Bromophenyl-phenylether	U		11.8	336	1	04/14/2025 14:06	WG2489488
2-Chloronaphthalene	U		5.91	33.6	1	04/14/2025 14:06	WG2489488
4-Chlorophenyl-phenylether	U		11.7	336	1	04/14/2025 14:06	WG2489488
Chrysene	47.8		6.69	33.6	1	04/14/2025 14:06	WG2489488
Dibenz(a,h)anthracene	U		9.33	33.6	1	04/14/2025 14:06	WG2489488
1,2-Dichlorobenzene	U		9.97	336	1	04/14/2025 14:06	WG2489488
1,3-Dichlorobenzene	U		10.2	336	1	04/14/2025 14:06	WG2489488
1,4-Dichlorobenzene	U		10.0	336	1	04/14/2025 14:06	WG2489488
3,3-Dichlorobenzidine	U		12.4	336	1	04/14/2025 14:06	WG2489488
2,4-Dinitrotoluene	U		9.65	336	1	04/14/2025 14:06	WG2489488
2,6-Dinitrotoluene	U		11.0	336	1	04/14/2025 14:06	WG2489488
Fluoranthene	156		6.07	33.6	1	04/14/2025 14:06	WG2489488
Fluorene	15.1	J	5.48	33.6	1	04/14/2025 14:06	WG2489488
Hexachlorobenzene	U		11.9	336	1	04/14/2025 14:06	WG2489488
Hexachloro-1,3-butadiene	U		11.3	336	1	04/14/2025 14:06	WG2489488
Hexachlorocyclopentadiene	U	C7	17.7	336	1	04/14/2025 14:06	WG2489488
Hexachloroethane	U		13.2	336	1	04/14/2025 14:06	WG2489488
Indeno(1,2,3-cd)pyrene	40.9		9.51	33.6	1	04/14/2025 14:06	WG2489488
Isophorone	U		10.3	336	1	04/14/2025 14:06	WG2489488
Naphthalene	8.49	J	8.45	33.6	1	04/14/2025 14:06	WG2489488
Nitrobenzene	U		11.7	336	1	04/14/2025 14:06	WG2489488
n-Nitrosodimethylamine	U		49.9	336	1	04/14/2025 14:06	WG2489488
n-Nitrosodiphenylamine	U		25.5	336	1	04/14/2025 14:06	WG2489488
n-Nitrosodi-n-propylamine	U		11.2	336	1	04/14/2025 14:06	WG2489488
Phenanthrene	130		6.68	33.6	1	04/14/2025 14:06	WG2489488
Benzylbutyl phthalate	U		10.5	336	1	04/14/2025 14:06	WG2489488

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		42.6	336	1	04/14/2025 14:06	WG2489488
Di-n-butyl phthalate	U		11.5	336	1	04/14/2025 14:06	WG2489488
Diethyl phthalate	U		11.1	336	1	04/14/2025 14:06	WG2489488
Dimethyl phthalate	U		71.3	336	1	04/14/2025 14:06	WG2489488
Di-n-octyl phthalate	U		22.7	336	1	04/14/2025 14:06	WG2489488
Pyrene	134		6.55	33.6	1	04/14/2025 14:06	WG2489488
1,2,4-Trichlorobenzene	U		10.5	336	1	04/14/2025 14:06	WG2489488
4-Chloro-3-methylphenol	U		10.9	336	1	04/14/2025 14:06	WG2489488
2-Chlorophenol	U		11.1	336	1	04/14/2025 14:06	WG2489488
2,4-Dichlorophenol	U		9.80	336	1	04/14/2025 14:06	WG2489488
2,4-Dimethylphenol	U	C3	8.79	336	1	04/14/2025 14:06	WG2489488
4,6-Dinitro-2-methylphenol	U		76.3	336	1	04/14/2025 14:06	WG2489488
2,4-Dinitrophenol	U		78.7	336	1	04/14/2025 14:06	WG2489488
2-Nitrophenol	U		12.0	336	1	04/14/2025 14:06	WG2489488
4-Nitrophenol	U		10.5	336	1	04/14/2025 14:06	WG2489488
Pentachlorophenol	U		9.05	336	1	04/14/2025 14:06	WG2489488
Phenol	U		13.5	336	1	04/14/2025 14:06	WG2489488
2,4,6-Trichlorophenol	U		10.8	336	1	04/14/2025 14:06	WG2489488
(S) 2-Fluorophenol	*68.7*			*12.0-120*		*04/14/2025 14:06*	WG2489488
(S) Phenol-d5	*61.6*			*10.0-120*		*04/14/2025 14:06*	WG2489488
(S) Nitrobenzene-d5	*62.3*			*10.0-122*		*04/14/2025 14:06*	WG2489488
(S) 2-Fluorobiphenyl	*68.7*			*15.0-120*		*04/14/2025 14:06*	WG2489488
(S) 2,4,6-Tribromophenol	*73.6*			*10.0-127*		*04/14/2025 14:06*	WG2489488
(S) p-Terphenyl-d14	*77.1*			*10.0-120*		*04/14/2025 14:06*	WG2489488

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	98.2		1	04/13/2025 13:24	WG2489515

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		386	1020	1	04/14/2025 15:10	WG2489638

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		21.0	40.7	1	04/13/2025 20:05	WG2489631

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	530000		6190	20400	1	04/13/2025 23:41	WG2489697
Antimony	U		703	2040	1	04/13/2025 23:41	WG2489697
Arsenic	879	J	852	2040	1	04/13/2025 23:41	WG2489697
Barium	13900		86.5	509	1	04/13/2025 23:41	WG2489697
Beryllium	87.3	J	48.6	204	1	04/13/2025 23:41	WG2489697
Cadmium	U		66.5	509	1	04/13/2025 23:41	WG2489697
Calcium	6310000		19300	102000	1	04/13/2025 23:41	WG2489697
Chromium	848	J	218	1020	1	04/13/2025 23:41	WG2489697
Cobalt	752	J	180	1020	1	04/13/2025 23:41	WG2489697
Copper	887	J	363	2040	1	04/13/2025 23:41	WG2489697
Iron	2840000		2280	10200	1	04/13/2025 23:41	WG2489697
Lead	2510		332	509	1	04/13/2025 23:41	WG2489697
Magnesium	330000		20300	102000	1	04/13/2025 23:41	WG2489697
Manganese	62600		176	1020	1	04/13/2025 23:41	WG2489697
Nickel	764	J	204	2040	1	04/13/2025 23:41	WG2489697
Potassium	188000		21300	102000	1	04/13/2025 23:41	WG2489697
Selenium	U		1090	2040	1	04/13/2025 23:41	WG2489697
Silver	U		129	1020	1	04/13/2025 23:41	WG2489697
Sodium	87900	J	41900	102000	1	04/13/2025 23:41	WG2489697
Thallium	U		527	2040	1	04/13/2025 23:41	WG2489697
Vanadium	3390		390	2040	1	04/13/2025 23:41	WG2489697
Zinc	6750		991	5090	1	04/13/2025 23:41	WG2489697

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	33.7	B J	22.1	102	1	04/14/2025 05:49	WG2489588
(S) a,a,a-Trifluorotoluene(FID)	*97.5*			*77.0-120*		*04/14/2025 05:49*	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		37.8	51.8	1	04/13/2025 20:56	WG2489596
Acrylonitrile	U		3.74	12.9	1	04/13/2025 20:56	WG2489596
Benzene	U		0.484	1.04	1	04/13/2025 20:56	WG2489596
Bromobenzene	U		0.932	12.9	1	04/13/2025 20:56	WG2489596
Bromodichloromethane	U		0.751	2.59	1	04/13/2025 20:56	WG2489596
Bromoform	U		1.21	25.9	1	04/13/2025 20:56	WG2489596

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	6.81	J	2.04	12.9	1	04/13/2025 20:56	WG2489596
n-Butylbenzene	U		5.44	12.9	1	04/13/2025 20:56	WG2489596
sec-Butylbenzene	U		2.98	12.9	1	04/13/2025 20:56	WG2489596
tert-Butylbenzene	U		2.02	5.18	1	04/13/2025 20:56	WG2489596
Carbon tetrachloride	U		0.930	5.18	1	04/13/2025 20:56	WG2489596
Chlorobenzene	U		0.218	2.59	1	04/13/2025 20:56	WG2489596
Chlorodibromomethane	U		0.634	2.59	1	04/13/2025 20:56	WG2489596
Chloroethane	U		1.76	5.18	1	04/13/2025 20:56	WG2489596
Chloroform	U		1.07	2.59	1	04/13/2025 20:56	WG2489596
Chloromethane	U		4.51	12.9	1	04/13/2025 20:56	WG2489596
2-Chlorotoluene	U		0.896	2.59	1	04/13/2025 20:56	WG2489596
4-Chlorotoluene	U		0.466	5.18	1	04/13/2025 20:56	WG2489596
1,2-Dibromo-3-Chloropropane	U		4.04	25.9	1	04/13/2025 20:56	WG2489596
1,2-Dibromoethane	U		0.671	2.59	1	04/13/2025 20:56	WG2489596
Dibromomethane	U		0.777	5.18	1	04/13/2025 20:56	WG2489596
1,2-Dichlorobenzene	U		0.440	5.18	1	04/13/2025 20:56	WG2489596
1,3-Dichlorobenzene	U		0.622	5.18	1	04/13/2025 20:56	WG2489596
1,4-Dichlorobenzene	U		0.725	5.18	1	04/13/2025 20:56	WG2489596
Dichlorodifluoromethane	U	C3	1.67	5.18	1	04/13/2025 20:56	WG2489596
1,1-Dichloroethane	U		0.509	2.59	1	04/13/2025 20:56	WG2489596
1,2-Dichloroethane	U		0.672	2.59	1	04/13/2025 20:56	WG2489596
1,1-Dichloroethene	U		0.628	2.59	1	04/13/2025 20:56	WG2489596
cis-1,2-Dichloroethene	U		0.760	2.59	1	04/13/2025 20:56	WG2489596
trans-1,2-Dichloroethene	U		1.08	5.18	1	04/13/2025 20:56	WG2489596
1,2-Dichloropropane	U		1.47	5.18	1	04/13/2025 20:56	WG2489596
1,1-Dichloropropene	U		0.838	2.59	1	04/13/2025 20:56	WG2489596
1,3-Dichloropropane	U		0.519	5.18	1	04/13/2025 20:56	WG2489596
cis-1,3-Dichloropropene	U		0.784	2.59	1	04/13/2025 20:56	WG2489596
trans-1,3-Dichloropropene	U		1.18	5.18	1	04/13/2025 20:56	WG2489596
2,2-Dichloropropane	U		1.43	2.59	1	04/13/2025 20:56	WG2489596
Di-isopropyl ether	U		0.425	1.04	1	04/13/2025 20:56	WG2489596
Ethylbenzene	U		0.763	2.59	1	04/13/2025 20:56	WG2489596
Hexachloro-1,3-butadiene	U		6.22	25.9	1	04/13/2025 20:56	WG2489596
Isopropylbenzene	U		0.440	2.59	1	04/13/2025 20:56	WG2489596
p-Isopropyltoluene	U		2.64	5.18	1	04/13/2025 20:56	WG2489596
2-Butanone (MEK)	U		65.8	104	1	04/13/2025 20:56	WG2489596
Methylene Chloride	U		6.88	25.9	1	04/13/2025 20:56	WG2489596
4-Methyl-2-pentanone (MIBK)	U		2.36	25.9	1	04/13/2025 20:56	WG2489596
Methyl tert-butyl ether	U		0.363	1.04	1	04/13/2025 20:56	WG2489596
Naphthalene	U		5.06	12.9	1	04/13/2025 20:56	WG2489596
n-Propylbenzene	U		0.984	5.18	1	04/13/2025 20:56	WG2489596
Styrene	U		0.237	12.9	1	04/13/2025 20:56	WG2489596
1,1,1,2-Tetrachloroethane	U		0.982	2.59	1	04/13/2025 20:56	WG2489596
1,1,2,2-Tetrachloroethane	U		0.720	2.59	1	04/13/2025 20:56	WG2489596
1,1,2-Trichlorotrifluoroethane	U		0.781	2.59	1	04/13/2025 20:56	WG2489596
Tetrachloroethene	U		0.928	2.59	1	04/13/2025 20:56	WG2489596
Toluene	2.38	B J	1.35	5.18	1	04/13/2025 20:56	WG2489596
1,2,3-Trichlorobenzene	U		7.59	12.9	1	04/13/2025 20:56	WG2489596
1,2,4-Trichlorobenzene	U		4.56	12.9	1	04/13/2025 20:56	WG2489596
1,1,1-Trichloroethane	U		0.956	2.59	1	04/13/2025 20:56	WG2489596
1,1,2-Trichloroethane	U		0.618	2.59	1	04/13/2025 20:56	WG2489596
Trichloroethene	U		0.605	1.04	1	04/13/2025 20:56	WG2489596
Trichlorofluoromethane	U		0.857	2.59	1	04/13/2025 20:56	WG2489596
1,2,3-Trichloropropane	U		1.68	12.9	1	04/13/2025 20:56	WG2489596
1,2,4-Trimethylbenzene	U		1.64	5.18	1	04/13/2025 20:56	WG2489596
1,2,3-Trimethylbenzene	U		1.64	5.18	1	04/13/2025 20:56	WG2489596

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		2.07	5.18	1	04/13/2025 20:56	WG2489596
Vinyl chloride	U		1.20	2.59	1	04/13/2025 20:56	WG2489596
Xylenes, Total	U		0.912	6.73	1	04/13/2025 20:56	WG2489596
(S) Toluene-d8	*102*			*75.0-131*		*04/13/2025 20:56*	WG2489596
(S) 4-Bromofluorobenzene	*100*			*67.0-138*		*04/13/2025 20:56*	WG2489596
(S) 1,2-Dichloroethane-d4	*84.3*			*70.0-130*		*04/13/2025 20:56*	WG2489596

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	3420	J	1640	4070	1	04/13/2025 23:44	WG2489495
C28-C36 Motor Oil Range	8720		279	4070	1	04/13/2025 23:44	WG2489495
(S) o-Terphenyl	*78.1*			*18.0-148*		*04/13/2025 23:44*	WG2489495

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		5.49	33.9	1	04/14/2025 14:26	WG2489488
Acenaphthylene	U		4.77	33.9	1	04/14/2025 14:26	WG2489488
Anthracene	U		6.04	33.9	1	04/14/2025 14:26	WG2489488
Benzidine	U	C7	63.7	1700	1	04/14/2025 14:26	WG2489488
Benzo(a)anthracene	U		5.98	33.9	1	04/14/2025 14:26	WG2489488
Benzo(b)fluoranthene	U		6.32	33.9	1	04/14/2025 14:26	WG2489488
Benzo(k)fluoranthene	U		6.03	33.9	1	04/14/2025 14:26	WG2489488
Benzo(g,h,i)perylene	U		6.20	33.9	1	04/14/2025 14:26	WG2489488
Benzo(a)pyrene	U		6.30	33.9	1	04/14/2025 14:26	WG2489488
Bis(2-chlorethoxy)methane	U		10.2	339	1	04/14/2025 14:26	WG2489488
Bis(2-chloroethyl)ether	U	C3	11.2	339	1	04/14/2025 14:26	WG2489488
2,2-Oxybis(1-Chloropropane)	U	C3	14.7	339	1	04/14/2025 14:26	WG2489488
4-Bromophenyl-phenylether	U		11.9	339	1	04/14/2025 14:26	WG2489488
2-Chloronaphthalene	U		5.95	33.9	1	04/14/2025 14:26	WG2489488
4-Chlorophenyl-phenylether	U		11.8	339	1	04/14/2025 14:26	WG2489488
Chrysene	U		6.74	33.9	1	04/14/2025 14:26	WG2489488
Dibenz(a,h)anthracene	U		9.40	33.9	1	04/14/2025 14:26	WG2489488
1,2-Dichlorobenzene	U		10.0	339	1	04/14/2025 14:26	WG2489488
1,3-Dichlorobenzene	U		10.3	339	1	04/14/2025 14:26	WG2489488
1,4-Dichlorobenzene	U		10.1	339	1	04/14/2025 14:26	WG2489488
3,3-Dichlorobenzidine	U		12.5	339	1	04/14/2025 14:26	WG2489488
2,4-Dinitrotoluene	U		9.72	339	1	04/14/2025 14:26	WG2489488
2,6-Dinitrotoluene	U		11.1	339	1	04/14/2025 14:26	WG2489488
Fluoranthene	U		6.12	33.9	1	04/14/2025 14:26	WG2489488
Fluorene	U		5.52	33.9	1	04/14/2025 14:26	WG2489488
Hexachlorobenzene	U		12.0	339	1	04/14/2025 14:26	WG2489488
Hexachloro-1,3-butadiene	U		11.4	339	1	04/14/2025 14:26	WG2489488
Hexachlorocyclopentadiene	U	C7	17.8	339	1	04/14/2025 14:26	WG2489488
Hexachloroethane	U		13.3	339	1	04/14/2025 14:26	WG2489488
Indeno(1,2,3-cd)pyrene	U		9.58	33.9	1	04/14/2025 14:26	WG2489488
Isophorone	U		10.4	339	1	04/14/2025 14:26	WG2489488
Naphthalene	U		8.51	33.9	1	04/14/2025 14:26	WG2489488
Nitrobenzene	U		11.8	339	1	04/14/2025 14:26	WG2489488
n-Nitrosodimethylamine	U		50.3	339	1	04/14/2025 14:26	WG2489488
n-Nitrosodiphenylamine	U		25.7	339	1	04/14/2025 14:26	WG2489488
n-Nitrosodi-n-propylamine	U		11.3	339	1	04/14/2025 14:26	WG2489488
Phenanthrene	U		6.73	33.9	1	04/14/2025 14:26	WG2489488
Benzylbutyl phthalate	U		10.6	339	1	04/14/2025 14:26	WG2489488

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		43.0	339	1	04/14/2025 14:26	WG2489488
Di-n-butyl phthalate	U		11.6	339	1	04/14/2025 14:26	WG2489488
Diethyl phthalate	U		11.2	339	1	04/14/2025 14:26	WG2489488
Dimethyl phthalate	U		71.9	339	1	04/14/2025 14:26	WG2489488
Di-n-octyl phthalate	U		22.9	339	1	04/14/2025 14:26	WG2489488
Pyrene	U		6.60	33.9	1	04/14/2025 14:26	WG2489488
1,2,4-Trichlorobenzene	U		10.6	339	1	04/14/2025 14:26	WG2489488
4-Chloro-3-methylphenol	U		11.0	339	1	04/14/2025 14:26	WG2489488
2-Chlorophenol	U		11.2	339	1	04/14/2025 14:26	WG2489488
2,4-Dichlorophenol	U		9.87	339	1	04/14/2025 14:26	WG2489488
2,4-Dimethylphenol	U	C3	8.86	339	1	04/14/2025 14:26	WG2489488
4,6-Dinitro-2-methylphenol	U		76.9	339	1	04/14/2025 14:26	WG2489488
2,4-Dinitrophenol	U		79.3	339	1	04/14/2025 14:26	WG2489488
2-Nitrophenol	U		12.1	339	1	04/14/2025 14:26	WG2489488
4-Nitrophenol	U		10.6	339	1	04/14/2025 14:26	WG2489488
Pentachlorophenol	U		9.12	339	1	04/14/2025 14:26	WG2489488
Phenol	U		13.6	339	1	04/14/2025 14:26	WG2489488
2,4,6-Trichlorophenol	U		10.9	339	1	04/14/2025 14:26	WG2489488
(S) 2-Fluorophenol	*62.0*			*12.0-120*		*04/14/2025 14:26*	WG2489488
(S) Phenol-d5	*55.6*			*10.0-120*		*04/14/2025 14:26*	WG2489488
(S) Nitrobenzene-d5	*55.9*			*10.0-122*		*04/14/2025 14:26*	WG2489488
(S) 2-Fluorobiphenyl	*64.3*			*15.0-120*		*04/14/2025 14:26*	WG2489488
(S) 2,4,6-Tribromophenol	*69.9*			*10.0-127*		*04/14/2025 14:26*	WG2489488
(S) p-Terphenyl-d14	*72.7*			*10.0-120*		*04/14/2025 14:26*	WG2489488

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	99.2		1	04/13/2025 13:24	WG2489515

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		382	1010	1	04/14/2025 15:19	WG2489638

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		20.8	40.3	1	04/13/2025 20:07	WG2489631

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	588000		6130	20200	1	04/13/2025 23:43	WG2489697
Antimony	U		696	2020	1	04/13/2025 23:43	WG2489697
Arsenic	1630	J	843	2020	1	04/13/2025 23:43	WG2489697
Barium	8150		85.6	504	1	04/13/2025 23:43	WG2489697
Beryllium	96.9	J	48.1	202	1	04/13/2025 23:43	WG2489697
Cadmium	U		65.8	504	1	04/13/2025 23:43	WG2489697
Calcium	2000000		19100	101000	1	04/13/2025 23:43	WG2489697
Chromium	1090		216	1010	1	04/13/2025 23:43	WG2489697
Cobalt	961	J	178	1010	1	04/13/2025 23:43	WG2489697
Copper	970	J	360	2020	1	04/13/2025 23:43	WG2489697
Iron	3800000		2260	10100	1	04/13/2025 23:43	WG2489697
Lead	2630		328	504	1	04/13/2025 23:43	WG2489697
Magnesium	340000		20100	101000	1	04/13/2025 23:43	WG2489697
Manganese	60700		174	1010	1	04/13/2025 23:43	WG2489697
Nickel	1280	J	202	2020	1	04/13/2025 23:43	WG2489697
Potassium	149000		21100	101000	1	04/13/2025 23:43	WG2489697
Selenium	U		1080	2020	1	04/13/2025 23:43	WG2489697
Silver	U		128	1010	1	04/13/2025 23:43	WG2489697
Sodium	U		41500	101000	1	04/13/2025 23:43	WG2489697
Thallium	U		522	2020	1	04/13/2025 23:43	WG2489697
Vanadium	4810		386	2020	1	04/13/2025 23:43	WG2489697
Zinc	8830		981	5040	1	04/13/2025 23:43	WG2489697

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	35.8	B J	21.9	101	1	04/14/2025 06:12	WG2489588
(S) a,a,a-Trifluorotoluene(FID)	*97.9*			*77.0-120*		*04/14/2025 06:12*	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		37.1	50.8	1	04/13/2025 21:15	WG2489596
Acrylonitrile	U		3.66	12.7	1	04/13/2025 21:15	WG2489596
Benzene	U		0.474	1.02	1	04/13/2025 21:15	WG2489596
Bromobenzene	U		0.914	12.7	1	04/13/2025 21:15	WG2489596
Bromodichloromethane	U		0.736	2.54	1	04/13/2025 21:15	WG2489596
Bromoform	U		1.19	25.4	1	04/13/2025 21:15	WG2489596

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		2.00	12.7	1	04/13/2025 21:15	WG2489596
n-Butylbenzene	U		5.33	12.7	1	04/13/2025 21:15	WG2489596
sec-Butylbenzene	U		2.92	12.7	1	04/13/2025 21:15	WG2489596
tert-Butylbenzene	U		1.98	5.08	1	04/13/2025 21:15	WG2489596
Carbon tetrachloride	U		0.912	5.08	1	04/13/2025 21:15	WG2489596
Chlorobenzene	U		0.213	2.54	1	04/13/2025 21:15	WG2489596
Chlorodibromomethane	U		0.621	2.54	1	04/13/2025 21:15	WG2489596
Chloroethane	U		1.73	5.08	1	04/13/2025 21:15	WG2489596
Chloroform	U		1.05	2.54	1	04/13/2025 21:15	WG2489596
Chloromethane	U		4.42	12.7	1	04/13/2025 21:15	WG2489596
2-Chlorotoluene	U		0.878	2.54	1	04/13/2025 21:15	WG2489596
4-Chlorotoluene	U		0.457	5.08	1	04/13/2025 21:15	WG2489596
1,2-Dibromo-3-Chloropropane	U		3.96	25.4	1	04/13/2025 21:15	WG2489596
1,2-Dibromoethane	U		0.658	2.54	1	04/13/2025 21:15	WG2489596
Dibromomethane	U		0.761	5.08	1	04/13/2025 21:15	WG2489596
1,2-Dichlorobenzene	U		0.431	5.08	1	04/13/2025 21:15	WG2489596
1,3-Dichlorobenzene	U		0.609	5.08	1	04/13/2025 21:15	WG2489596
1,4-Dichlorobenzene	U		0.711	5.08	1	04/13/2025 21:15	WG2489596
Dichlorodifluoromethane	U	C3	1.63	5.08	1	04/13/2025 21:15	WG2489596
1,1-Dichloroethane	U		0.498	2.54	1	04/13/2025 21:15	WG2489596
1,2-Dichloroethane	U		0.659	2.54	1	04/13/2025 21:15	WG2489596
1,1-Dichloroethene	U		0.615	2.54	1	04/13/2025 21:15	WG2489596
cis-1,2-Dichloroethene	U		0.745	2.54	1	04/13/2025 21:15	WG2489596
trans-1,2-Dichloroethene	U		1.06	5.08	1	04/13/2025 21:15	WG2489596
1,2-Dichloropropane	U		1.44	5.08	1	04/13/2025 21:15	WG2489596
1,1-Dichloropropene	U		0.821	2.54	1	04/13/2025 21:15	WG2489596
1,3-Dichloropropane	U		0.509	5.08	1	04/13/2025 21:15	WG2489596
cis-1,3-Dichloropropene	U		0.769	2.54	1	04/13/2025 21:15	WG2489596
trans-1,3-Dichloropropene	U		1.16	5.08	1	04/13/2025 21:15	WG2489596
2,2-Dichloropropane	U		1.40	2.54	1	04/13/2025 21:15	WG2489596
Di-isopropyl ether	U		0.416	1.02	1	04/13/2025 21:15	WG2489596
Ethylbenzene	U		0.748	2.54	1	04/13/2025 21:15	WG2489596
Hexachloro-1,3-butadiene	U		6.09	25.4	1	04/13/2025 21:15	WG2489596
Isopropylbenzene	U		0.431	2.54	1	04/13/2025 21:15	WG2489596
p-Isopropyltoluene	U		2.59	5.08	1	04/13/2025 21:15	WG2489596
2-Butanone (MEK)	U		64.5	102	1	04/13/2025 21:15	WG2489596
Methylene Chloride	U		6.74	25.4	1	04/13/2025 21:15	WG2489596
4-Methyl-2-pentanone (MIBK)	U		2.31	25.4	1	04/13/2025 21:15	WG2489596
Methyl tert-butyl ether	U		0.355	1.02	1	04/13/2025 21:15	WG2489596
Naphthalene	U		4.95	12.7	1	04/13/2025 21:15	WG2489596
n-Propylbenzene	U		0.964	5.08	1	04/13/2025 21:15	WG2489596
Styrene	U		0.232	12.7	1	04/13/2025 21:15	WG2489596
1,1,1,2-Tetrachloroethane	U		0.962	2.54	1	04/13/2025 21:15	WG2489596
1,1,2,2-Tetrachloroethane	U		0.706	2.54	1	04/13/2025 21:15	WG2489596
1,1,2-Trichlorotrifluoroethane	U		0.765	2.54	1	04/13/2025 21:15	WG2489596
Tetrachloroethene	U		0.910	2.54	1	04/13/2025 21:15	WG2489596
Toluene	2.39	B J	1.32	5.08	1	04/13/2025 21:15	WG2489596
1,2,3-Trichlorobenzene	U		7.44	12.7	1	04/13/2025 21:15	WG2489596
1,2,4-Trichlorobenzene	U		4.47	12.7	1	04/13/2025 21:15	WG2489596
1,1,1-Trichloroethane	U		0.937	2.54	1	04/13/2025 21:15	WG2489596
1,1,2-Trichloroethane	U		0.606	2.54	1	04/13/2025 21:15	WG2489596
Trichloroethene	U		0.593	1.02	1	04/13/2025 21:15	WG2489596
Trichlorofluoromethane	U		0.840	2.54	1	04/13/2025 21:15	WG2489596
1,2,3-Trichloropropane	U		1.64	12.7	1	04/13/2025 21:15	WG2489596
1,2,4-Trimethylbenzene	U		1.60	5.08	1	04/13/2025 21:15	WG2489596
1,2,3-Trimethylbenzene	U		1.60	5.08	1	04/13/2025 21:15	WG2489596

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		2.03	5.08	1	04/13/2025 21:15	WG2489596
Vinyl chloride	U		1.18	2.54	1	04/13/2025 21:15	WG2489596
Xylenes, Total	U		0.893	6.60	1	04/13/2025 21:15	WG2489596
(S) Toluene-d8	*102*			*75.0-131*		*04/13/2025 21:15*	WG2489596
(S) 4-Bromofluorobenzene	*101*			*67.0-138*		*04/13/2025 21:15*	WG2489596
(S) 1,2-Dichloroethane-d4	*98.6*			*70.0-130*		*04/13/2025 21:15*	WG2489596

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		1620	4030	1	04/13/2025 23:56	WG2489495
C28-C36 Motor Oil Range	4900		276	4030	1	04/13/2025 23:56	WG2489495
(S) o-Terphenyl	*80.8*			*18.0-148*		*04/13/2025 23:56*	WG2489495

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		5.43	33.6	1	04/14/2025 14:47	WG2489488
Acenaphthylene	U		4.73	33.6	1	04/14/2025 14:47	WG2489488
Anthracene	U		5.98	33.6	1	04/14/2025 14:47	WG2489488
Benzidine	U	C7	63.1	1680	1	04/14/2025 14:47	WG2489488
Benzo(a)anthracene	U		5.91	33.6	1	04/14/2025 14:47	WG2489488
Benzo(b)fluoranthene	U		6.26	33.6	1	04/14/2025 14:47	WG2489488
Benzo(k)fluoranthene	U		5.96	33.6	1	04/14/2025 14:47	WG2489488
Benzo(g,h,i)perylene	U		6.14	33.6	1	04/14/2025 14:47	WG2489488
Benzo(a)pyrene	U		6.24	33.6	1	04/14/2025 14:47	WG2489488
Bis(2-chlorethoxy)methane	U		10.1	336	1	04/14/2025 14:47	WG2489488
Bis(2-chloroethyl)ether	U	C3	11.1	336	1	04/14/2025 14:47	WG2489488
2,2-Oxybis(1-Chloropropane)	U	C3	14.5	336	1	04/14/2025 14:47	WG2489488
4-Bromophenyl-phenylether	U		11.8	336	1	04/14/2025 14:47	WG2489488
2-Chloronaphthalene	U		5.89	33.6	1	04/14/2025 14:47	WG2489488
4-Chlorophenyl-phenylether	U		11.7	336	1	04/14/2025 14:47	WG2489488
Chrysene	U		6.67	33.6	1	04/14/2025 14:47	WG2489488
Dibenz(a,h)anthracene	U		9.30	33.6	1	04/14/2025 14:47	WG2489488
1,2-Dichlorobenzene	U		9.94	336	1	04/14/2025 14:47	WG2489488
1,3-Dichlorobenzene	U		10.2	336	1	04/14/2025 14:47	WG2489488
1,4-Dichlorobenzene	U		9.99	336	1	04/14/2025 14:47	WG2489488
3,3-Dichlorobenzidine	U		12.4	336	1	04/14/2025 14:47	WG2489488
2,4-Dinitrotoluene	U		9.62	336	1	04/14/2025 14:47	WG2489488
2,6-Dinitrotoluene	U		11.0	336	1	04/14/2025 14:47	WG2489488
Fluoranthene	U		6.06	33.6	1	04/14/2025 14:47	WG2489488
Fluorene	U		5.46	33.6	1	04/14/2025 14:47	WG2489488
Hexachlorobenzene	U		11.9	336	1	04/14/2025 14:47	WG2489488
Hexachloro-1,3-butadiene	U		11.3	336	1	04/14/2025 14:47	WG2489488
Hexachlorocyclopentadiene	U	C7	17.6	336	1	04/14/2025 14:47	WG2489488
Hexachloroethane	U		13.2	336	1	04/14/2025 14:47	WG2489488
Indeno(1,2,3-cd)pyrene	U		9.48	33.6	1	04/14/2025 14:47	WG2489488
Isophorone	U		10.3	336	1	04/14/2025 14:47	WG2489488
Naphthalene	U		8.42	33.6	1	04/14/2025 14:47	WG2489488
Nitrobenzene	U		11.7	336	1	04/14/2025 14:47	WG2489488
n-Nitrosodimethylamine	U		49.8	336	1	04/14/2025 14:47	WG2489488
n-Nitrosodiphenylamine	U		25.4	336	1	04/14/2025 14:47	WG2489488
n-Nitrosodi-n-propylamine	U		11.2	336	1	04/14/2025 14:47	WG2489488
Phenanthrene	U		6.66	33.6	1	04/14/2025 14:47	WG2489488
Benzylbutyl phthalate	U		10.5	336	1	04/14/2025 14:47	WG2489488

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		42.5	336	1	04/14/2025 14:47	WG2489488
Di-n-butyl phthalate	U		11.5	336	1	04/14/2025 14:47	WG2489488
Diethyl phthalate	U		11.1	336	1	04/14/2025 14:47	WG2489488
Dimethyl phthalate	U		71.1	336	1	04/14/2025 14:47	WG2489488
Di-n-octyl phthalate	U		22.7	336	1	04/14/2025 14:47	WG2489488
Pyrene	U		6.53	33.6	1	04/14/2025 14:47	WG2489488
1,2,4-Trichlorobenzene	U		10.5	336	1	04/14/2025 14:47	WG2489488
4-Chloro-3-methylphenol	U		10.9	336	1	04/14/2025 14:47	WG2489488
2-Chlorophenol	U		11.1	336	1	04/14/2025 14:47	WG2489488
2,4-Dichlorophenol	U		9.77	336	1	04/14/2025 14:47	WG2489488
2,4-Dimethylphenol	U	C3	8.77	336	1	04/14/2025 14:47	WG2489488
4,6-Dinitro-2-methylphenol	U		76.1	336	1	04/14/2025 14:47	WG2489488
2,4-Dinitrophenol	U		78.5	336	1	04/14/2025 14:47	WG2489488
2-Nitrophenol	U		12.0	336	1	04/14/2025 14:47	WG2489488
4-Nitrophenol	U		10.5	336	1	04/14/2025 14:47	WG2489488
Pentachlorophenol	U		9.03	336	1	04/14/2025 14:47	WG2489488
Phenol	U		13.5	336	1	04/14/2025 14:47	WG2489488
2,4,6-Trichlorophenol	U		10.8	336	1	04/14/2025 14:47	WG2489488
(S) 2-Fluorophenol	*66.0*			*12.0-120*		*04/14/2025 14:47*	WG2489488
(S) Phenol-d5	*60.7*			*10.0-120*		*04/14/2025 14:47*	WG2489488
(S) Nitrobenzene-d5	*60.4*			*10.0-122*		*04/14/2025 14:47*	WG2489488
(S) 2-Fluorobiphenyl	*68.9*			*15.0-120*		*04/14/2025 14:47*	WG2489488
(S) 2,4,6-Tribromophenol	*69.7*			*10.0-127*		*04/14/2025 14:47*	WG2489488
(S) p-Terphenyl-d14	*73.9*			*10.0-120*		*04/14/2025 14:47*	WG2489488

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	99.1		1	04/13/2025 13:24	WG2489515

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		382	1010	1	04/14/2025 15:28	WG2489638

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		20.8	40.4	1	04/13/2025 20:10	WG2489631

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	540000		6130	20200	1	04/13/2025 23:45	WG2489697
Antimony	U		697	2020	1	04/13/2025 23:45	WG2489697
Arsenic	925	J	844	2020	1	04/13/2025 23:45	WG2489697
Barium	7930		85.8	504	1	04/13/2025 23:45	WG2489697
Beryllium	97.8	J	48.1	202	1	04/13/2025 23:45	WG2489697
Cadmium	U		65.9	504	1	04/13/2025 23:45	WG2489697
Calcium	2440000		19200	101000	1	04/13/2025 23:45	WG2489697
Chromium	844	J	216	1010	1	04/13/2025 23:45	WG2489697
Cobalt	712	J	179	1010	1	04/13/2025 23:45	WG2489697
Copper	818	J	360	2020	1	04/13/2025 23:45	WG2489697
Iron	2780000		2260	10100	1	04/13/2025 23:45	WG2489697
Lead	2190		329	504	1	04/13/2025 23:45	WG2489697
Magnesium	349000		20100	101000	1	04/13/2025 23:45	WG2489697
Manganese	49700		175	1010	1	04/13/2025 23:45	WG2489697
Nickel	1050	J	202	2020	1	04/13/2025 23:45	WG2489697
Potassium	137000		21100	101000	1	04/13/2025 23:45	WG2489697
Selenium	U		1080	2020	1	04/13/2025 23:45	WG2489697
Silver	U		128	1010	1	04/13/2025 23:45	WG2489697
Sodium	U		41600	101000	1	04/13/2025 23:45	WG2489697
Thallium	U		523	2020	1	04/13/2025 23:45	WG2489697
Vanadium	3730		386	2020	1	04/13/2025 23:45	WG2489697
Zinc	7100		983	5040	1	04/13/2025 23:45	WG2489697

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	32.9	B J	21.9	101	1	04/14/2025 06:38	WG2489588
(S) a,a,a-Trifluorotoluene(FID)	*97.7*			*77.0-120*		*04/14/2025 06:38*	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		37.2	50.9	1	04/13/2025 21:35	WG2489596
Acrylonitrile	U		3.67	12.7	1	04/13/2025 21:35	WG2489596
Benzene	U		0.475	1.02	1	04/13/2025 21:35	WG2489596
Bromobenzene	U		0.916	12.7	1	04/13/2025 21:35	WG2489596
Bromodichloromethane	U		0.738	2.54	1	04/13/2025 21:35	WG2489596
Bromoform	U		1.19	25.4	1	04/13/2025 21:35	WG2489596

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		2.01	12.7	1	04/13/2025 21:35	WG2489596
n-Butylbenzene	U		5.34	12.7	1	04/13/2025 21:35	WG2489596
sec-Butylbenzene	U		2.93	12.7	1	04/13/2025 21:35	WG2489596
tert-Butylbenzene	U		1.98	5.09	1	04/13/2025 21:35	WG2489596
Carbon tetrachloride	U		0.914	5.09	1	04/13/2025 21:35	WG2489596
Chlorobenzene	U		0.214	2.54	1	04/13/2025 21:35	WG2489596
Chlorodibromomethane	U		0.623	2.54	1	04/13/2025 21:35	WG2489596
Chloroethane	U		1.73	5.09	1	04/13/2025 21:35	WG2489596
Chloroform	1.13	B J	1.05	2.54	1	04/13/2025 21:35	WG2489596
Chloromethane	U		4.43	12.7	1	04/13/2025 21:35	WG2489596
2-Chlorotoluene	U		0.880	2.54	1	04/13/2025 21:35	WG2489596
4-Chlorotoluene	U		0.458	5.09	1	04/13/2025 21:35	WG2489596
1,2-Dibromo-3-Chloropropane	U		3.97	25.4	1	04/13/2025 21:35	WG2489596
1,2-Dibromoethane	U		0.660	2.54	1	04/13/2025 21:35	WG2489596
Dibromomethane	U		0.763	5.09	1	04/13/2025 21:35	WG2489596
1,2-Dichlorobenzene	U		0.433	5.09	1	04/13/2025 21:35	WG2489596
1,3-Dichlorobenzene	U		0.611	5.09	1	04/13/2025 21:35	WG2489596
1,4-Dichlorobenzene	U		0.712	5.09	1	04/13/2025 21:35	WG2489596
Dichlorodifluoromethane	U	C3	1.64	5.09	1	04/13/2025 21:35	WG2489596
1,1-Dichloroethane	U		0.500	2.54	1	04/13/2025 21:35	WG2489596
1,2-Dichloroethane	U		0.661	2.54	1	04/13/2025 21:35	WG2489596
1,1-Dichloroethene	U		0.617	2.54	1	04/13/2025 21:35	WG2489596
cis-1,2-Dichloroethene	U		0.747	2.54	1	04/13/2025 21:35	WG2489596
trans-1,2-Dichloroethene	U		1.06	5.09	1	04/13/2025 21:35	WG2489596
1,2-Dichloropropane	U		1.45	5.09	1	04/13/2025 21:35	WG2489596
1,1-Dichloropropene	U		0.823	2.54	1	04/13/2025 21:35	WG2489596
1,3-Dichloropropane	U		0.510	5.09	1	04/13/2025 21:35	WG2489596
cis-1,3-Dichloropropene	U		0.770	2.54	1	04/13/2025 21:35	WG2489596
trans-1,3-Dichloropropene	U		1.16	5.09	1	04/13/2025 21:35	WG2489596
2,2-Dichloropropane	U		1.40	2.54	1	04/13/2025 21:35	WG2489596
Di-isopropyl ether	U		0.417	1.02	1	04/13/2025 21:35	WG2489596
Ethylbenzene	U		0.750	2.54	1	04/13/2025 21:35	WG2489596
Hexachloro-1,3-butadiene	U		6.11	25.4	1	04/13/2025 21:35	WG2489596
Isopropylbenzene	U		0.433	2.54	1	04/13/2025 21:35	WG2489596
p-Isopropyltoluene	U		2.60	5.09	1	04/13/2025 21:35	WG2489596
2-Butanone (MEK)	U		64.6	102	1	04/13/2025 21:35	WG2489596
Methylene Chloride	U		6.76	25.4	1	04/13/2025 21:35	WG2489596
4-Methyl-2-pentanone (MIBK)	U		2.32	25.4	1	04/13/2025 21:35	WG2489596
Methyl tert-butyl ether	U		0.356	1.02	1	04/13/2025 21:35	WG2489596
Naphthalene	U		4.97	12.7	1	04/13/2025 21:35	WG2489596
n-Propylbenzene	U		0.967	5.09	1	04/13/2025 21:35	WG2489596
Styrene	U		0.233	12.7	1	04/13/2025 21:35	WG2489596
1,1,1,2-Tetrachloroethane	U		0.965	2.54	1	04/13/2025 21:35	WG2489596
1,1,2,2-Tetrachloroethane	U		0.707	2.54	1	04/13/2025 21:35	WG2489596
1,1,2-Trichlorotrifluoroethane	U		0.767	2.54	1	04/13/2025 21:35	WG2489596
Tetrachloroethene	U		0.912	2.54	1	04/13/2025 21:35	WG2489596
Toluene	2.29	B J	1.32	5.09	1	04/13/2025 21:35	WG2489596
1,2,3-Trichlorobenzene	U		7.46	12.7	1	04/13/2025 21:35	WG2489596
1,2,4-Trichlorobenzene	U		4.48	12.7	1	04/13/2025 21:35	WG2489596
1,1,1-Trichloroethane	U		0.939	2.54	1	04/13/2025 21:35	WG2489596
1,1,2-Trichloroethane	U		0.608	2.54	1	04/13/2025 21:35	WG2489596
Trichloroethene	U		0.594	1.02	1	04/13/2025 21:35	WG2489596
Trichlorofluoromethane	U		0.842	2.54	1	04/13/2025 21:35	WG2489596
1,2,3-Trichloropropane	U		1.65	12.7	1	04/13/2025 21:35	WG2489596
1,2,4-Trimethylbenzene	U		1.61	5.09	1	04/13/2025 21:35	WG2489596
1,2,3-Trimethylbenzene	U		1.61	5.09	1	04/13/2025 21:35	WG2489596

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		2.04	5.09	1	04/13/2025 21:35	WG2489596
Vinyl chloride	U		1.18	2.54	1	04/13/2025 21:35	WG2489596
Xylenes, Total	U		0.896	6.62	1	04/13/2025 21:35	WG2489596
(S) Toluene-d8	*101*			*75.0-131*		*04/13/2025 21:35*	WG2489596
(S) 4-Bromofluorobenzene	*101*			*67.0-138*		*04/13/2025 21:35*	WG2489596
(S) 1,2-Dichloroethane-d4	*98.1*			*70.0-130*		*04/13/2025 21:35*	WG2489596

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		1620	4040	1	04/14/2025 00:09	WG2489495
C28-C36 Motor Oil Range	5010		276	4040	1	04/14/2025 00:09	WG2489495
(S) o-Terphenyl	*80.7*			*18.0-148*		*04/14/2025 00:09*	WG2489495

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		5.44	33.6	1	04/14/2025 15:08	WG2489488
Acenaphthylene	U		4.73	33.6	1	04/14/2025 15:08	WG2489488
Anthracene	U		5.98	33.6	1	04/14/2025 15:08	WG2489488
Benzidine	U	C7	63.2	1680	1	04/14/2025 15:08	WG2489488
Benzo(a)anthracene	U		5.92	33.6	1	04/14/2025 15:08	WG2489488
Benzo(b)fluoranthene	U		6.27	33.6	1	04/14/2025 15:08	WG2489488
Benzo(k)fluoranthene	U		5.97	33.6	1	04/14/2025 15:08	WG2489488
Benzo(g,h,i)perylene	U		6.14	33.6	1	04/14/2025 15:08	WG2489488
Benzo(a)pyrene	U		6.25	33.6	1	04/14/2025 15:08	WG2489488
Bis(2-chlorethoxy)methane	U		10.1	336	1	04/14/2025 15:08	WG2489488
Bis(2-chloroethyl)ether	U	C3	11.1	336	1	04/14/2025 15:08	WG2489488
2,2-Oxybis(1-Chloropropane)	U	C3	14.5	336	1	04/14/2025 15:08	WG2489488
4-Bromophenyl-phenylether	U		11.8	336	1	04/14/2025 15:08	WG2489488
2-Chloronaphthalene	U		5.90	33.6	1	04/14/2025 15:08	WG2489488
4-Chlorophenyl-phenylether	U		11.7	336	1	04/14/2025 15:08	WG2489488
Chrysene	U		6.68	33.6	1	04/14/2025 15:08	WG2489488
Dibenz(a,h)anthracene	U		9.31	33.6	1	04/14/2025 15:08	WG2489488
1,2-Dichlorobenzene	U		9.96	336	1	04/14/2025 15:08	WG2489488
1,3-Dichlorobenzene	U		10.2	336	1	04/14/2025 15:08	WG2489488
1,4-Dichlorobenzene	U		10.0	336	1	04/14/2025 15:08	WG2489488
3,3-Dichlorobenzidine	U		12.4	336	1	04/14/2025 15:08	WG2489488
2,4-Dinitrotoluene	U		9.63	336	1	04/14/2025 15:08	WG2489488
2,6-Dinitrotoluene	U		11.0	336	1	04/14/2025 15:08	WG2489488
Fluoranthene	U		6.06	33.6	1	04/14/2025 15:08	WG2489488
Fluorene	U		5.47	33.6	1	04/14/2025 15:08	WG2489488
Hexachlorobenzene	U		11.9	336	1	04/14/2025 15:08	WG2489488
Hexachloro-1,3-butadiene	U		11.3	336	1	04/14/2025 15:08	WG2489488
Hexachlorocyclopentadiene	U	C7	17.7	336	1	04/14/2025 15:08	WG2489488
Hexachloroethane	U		13.2	336	1	04/14/2025 15:08	WG2489488
Indeno(1,2,3-cd)pyrene	U		9.49	33.6	1	04/14/2025 15:08	WG2489488
Isophorone	U		10.3	336	1	04/14/2025 15:08	WG2489488
Naphthalene	U		8.43	33.6	1	04/14/2025 15:08	WG2489488
Nitrobenzene	U		11.7	336	1	04/14/2025 15:08	WG2489488
n-Nitrosodimethylamine	U		49.8	336	1	04/14/2025 15:08	WG2489488
n-Nitrosodiphenylamine	U		25.4	336	1	04/14/2025 15:08	WG2489488
n-Nitrosodi-n-propylamine	U		11.2	336	1	04/14/2025 15:08	WG2489488
Phenanthrene	U		6.67	33.6	1	04/14/2025 15:08	WG2489488
Benzylbutyl phthalate	U		10.5	336	1	04/14/2025 15:08	WG2489488

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		42.6	336	1	04/14/2025 15:08	WG2489488
Di-n-butyl phthalate	U		11.5	336	1	04/14/2025 15:08	WG2489488
Diethyl phthalate	U		11.1	336	1	04/14/2025 15:08	WG2489488
Dimethyl phthalate	U		71.2	336	1	04/14/2025 15:08	WG2489488
Di-n-octyl phthalate	U		22.7	336	1	04/14/2025 15:08	WG2489488
Pyrene	U		6.54	33.6	1	04/14/2025 15:08	WG2489488
1,2,4-Trichlorobenzene	U		10.5	336	1	04/14/2025 15:08	WG2489488
4-Chloro-3-methylphenol	U		10.9	336	1	04/14/2025 15:08	WG2489488
2-Chlorophenol	U		11.1	336	1	04/14/2025 15:08	WG2489488
2,4-Dichlorophenol	U		9.79	336	1	04/14/2025 15:08	WG2489488
2,4-Dimethylphenol	U	C3	8.78	336	1	04/14/2025 15:08	WG2489488
4,6-Dinitro-2-methylphenol	U		76.2	336	1	04/14/2025 15:08	WG2489488
2,4-Dinitrophenol	U		78.6	336	1	04/14/2025 15:08	WG2489488
2-Nitrophenol	U		12.0	336	1	04/14/2025 15:08	WG2489488
4-Nitrophenol	U		10.5	336	1	04/14/2025 15:08	WG2489488
Pentachlorophenol	U		9.04	336	1	04/14/2025 15:08	WG2489488
Phenol	U		13.5	336	1	04/14/2025 15:08	WG2489488
2,4,6-Trichlorophenol	U		10.8	336	1	04/14/2025 15:08	WG2489488
(S) 2-Fluorophenol	*67.1*			*12.0-120*		*04/14/2025 15:08*	WG2489488
(S) Phenol-d5	*60.0*			*10.0-120*		*04/14/2025 15:08*	WG2489488
(S) Nitrobenzene-d5	*60.9*			*10.0-122*		*04/14/2025 15:08*	WG2489488
(S) 2-Fluorobiphenyl	*68.5*			*15.0-120*		*04/14/2025 15:08*	WG2489488
(S) 2,4,6-Tribromophenol	*65.9*			*10.0-127*		*04/14/2025 15:08*	WG2489488
(S) p-Terphenyl-d14	*72.1*			*10.0-120*		*04/14/2025 15:08*	WG2489488

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	99.5		1	04/13/2025 13:24	WG2489515

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		381	1000	1	04/14/2025 15:55	WG2489638

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		20.7	40.2	1	04/13/2025 20:12	WG2489631

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	418000		6110	20100	1	04/13/2025 23:47	WG2489697
Antimony	U		694	2010	1	04/13/2025 23:47	WG2489697
Arsenic	U		841	2010	1	04/13/2025 23:47	WG2489697
Barium	8950		85.4	502	1	04/13/2025 23:47	WG2489697
Beryllium	69.5	J	47.9	201	1	04/13/2025 23:47	WG2489697
Cadmium	U		65.6	502	1	04/13/2025 23:47	WG2489697
Calcium	2220000		19100	100000	1	04/13/2025 23:47	WG2489697
Chromium	670	J	215	1000	1	04/13/2025 23:47	WG2489697
Cobalt	701	J	178	1000	1	04/13/2025 23:47	WG2489697
Copper	648	J	359	2010	1	04/13/2025 23:47	WG2489697
Iron	1400000		2250	10000	1	04/13/2025 23:47	WG2489697
Lead	2270		328	502	1	04/13/2025 23:47	WG2489697
Magnesium	295000		20000	100000	1	04/13/2025 23:47	WG2489697
Manganese	47400		174	1000	1	04/13/2025 23:47	WG2489697
Nickel	840	J	201	2010	1	04/13/2025 23:47	WG2489697
Potassium	115000		21000	100000	1	04/13/2025 23:47	WG2489697
Selenium	U		1070	2010	1	04/13/2025 23:47	WG2489697
Silver	U		128	1000	1	04/13/2025 23:47	WG2489697
Sodium	U		41400	100000	1	04/13/2025 23:47	WG2489697
Thallium	U		520	2010	1	04/13/2025 23:47	WG2489697
Vanadium	2480		385	2010	1	04/13/2025 23:47	WG2489697
Zinc	4890	J	979	5020	1	04/13/2025 23:47	WG2489697

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	34.7	B J	21.8	100	1	04/14/2025 07:07	WG2489588
(S) a,a,a-Trifluorotoluene(FID)	*97.9*			*77.0-120*		*04/14/2025 07:07*	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		36.8	50.5	1	04/13/2025 21:54	WG2489596
Acrylonitrile	U		3.64	12.6	1	04/13/2025 21:54	WG2489596
Benzene	U		0.471	1.01	1	04/13/2025 21:54	WG2489596
Bromobenzene	U		0.908	12.6	1	04/13/2025 21:54	WG2489596
Bromodichloromethane	U		0.732	2.52	1	04/13/2025 21:54	WG2489596
Bromoform	U		1.18	25.2	1	04/13/2025 21:54	WG2489596

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		1.99	12.6	1	04/13/2025 21:54	WG2489596
n-Butylbenzene	U		5.30	12.6	1	04/13/2025 21:54	WG2489596
sec-Butylbenzene	U		2.91	12.6	1	04/13/2025 21:54	WG2489596
tert-Butylbenzene	U		1.97	5.05	1	04/13/2025 21:54	WG2489596
Carbon tetrachloride	U		0.906	5.05	1	04/13/2025 21:54	WG2489596
Chlorobenzene	U		0.212	2.52	1	04/13/2025 21:54	WG2489596
Chlorodibromomethane	U		0.618	2.52	1	04/13/2025 21:54	WG2489596
Chloroethane	U		1.72	5.05	1	04/13/2025 21:54	WG2489596
Chloroform	1.05	B J	1.04	2.52	1	04/13/2025 21:54	WG2489596
Chloromethane	U		4.39	12.6	1	04/13/2025 21:54	WG2489596
2-Chlorotoluene	U		0.873	2.52	1	04/13/2025 21:54	WG2489596
4-Chlorotoluene	U		0.454	5.05	1	04/13/2025 21:54	WG2489596
1,2-Dibromo-3-Chloropropane	U		3.94	25.2	1	04/13/2025 21:54	WG2489596
1,2-Dibromoethane	U		0.654	2.52	1	04/13/2025 21:54	WG2489596
Dibromomethane	U		0.757	5.05	1	04/13/2025 21:54	WG2489596
1,2-Dichlorobenzene	U		0.429	5.05	1	04/13/2025 21:54	WG2489596
1,3-Dichlorobenzene	U		0.606	5.05	1	04/13/2025 21:54	WG2489596
1,4-Dichlorobenzene	U		0.707	5.05	1	04/13/2025 21:54	WG2489596
Dichlorodifluoromethane	U	C3	1.62	5.05	1	04/13/2025 21:54	WG2489596
1,1-Dichloroethane	U		0.496	2.52	1	04/13/2025 21:54	WG2489596
1,2-Dichloroethane	U		0.655	2.52	1	04/13/2025 21:54	WG2489596
1,1-Dichloroethene	U		0.612	2.52	1	04/13/2025 21:54	WG2489596
cis-1,2-Dichloroethene	U		0.741	2.52	1	04/13/2025 21:54	WG2489596
trans-1,2-Dichloroethene	U		1.05	5.05	1	04/13/2025 21:54	WG2489596
1,2-Dichloropropane	U		1.43	5.05	1	04/13/2025 21:54	WG2489596
1,1-Dichloropropene	U		0.817	2.52	1	04/13/2025 21:54	WG2489596
1,3-Dichloropropane	U		0.506	5.05	1	04/13/2025 21:54	WG2489596
cis-1,3-Dichloropropene	U		0.764	2.52	1	04/13/2025 21:54	WG2489596
trans-1,3-Dichloropropene	U		1.15	5.05	1	04/13/2025 21:54	WG2489596
2,2-Dichloropropane	U		1.39	2.52	1	04/13/2025 21:54	WG2489596
Di-isopropyl ether	U		0.414	1.01	1	04/13/2025 21:54	WG2489596
Ethylbenzene	U		0.744	2.52	1	04/13/2025 21:54	WG2489596
Hexachloro-1,3-butadiene	U		6.06	25.2	1	04/13/2025 21:54	WG2489596
Isopropylbenzene	U		0.429	2.52	1	04/13/2025 21:54	WG2489596
p-Isopropyltoluene	U		2.57	5.05	1	04/13/2025 21:54	WG2489596
2-Butanone (MEK)	U		64.1	101	1	04/13/2025 21:54	WG2489596
Methylene Chloride	U		6.70	25.2	1	04/13/2025 21:54	WG2489596
4-Methyl-2-pentanone (MIBK)	U		2.30	25.2	1	04/13/2025 21:54	WG2489596
Methyl tert-butyl ether	U		0.353	1.01	1	04/13/2025 21:54	WG2489596
Naphthalene	U		4.93	12.6	1	04/13/2025 21:54	WG2489596
n-Propylbenzene	U		0.959	5.05	1	04/13/2025 21:54	WG2489596
Styrene	U		0.231	12.6	1	04/13/2025 21:54	WG2489596
1,1,1,2-Tetrachloroethane	U		0.957	2.52	1	04/13/2025 21:54	WG2489596
1,1,2,2-Tetrachloroethane	U		0.701	2.52	1	04/13/2025 21:54	WG2489596
1,1,2-Trichlorotrifluoroethane	U		0.761	2.52	1	04/13/2025 21:54	WG2489596
Tetrachloroethene	U		0.904	2.52	1	04/13/2025 21:54	WG2489596
Toluene	2.22	B J	1.31	5.05	1	04/13/2025 21:54	WG2489596
1,2,3-Trichlorobenzene	U		7.40	12.6	1	04/13/2025 21:54	WG2489596
1,2,4-Trichlorobenzene	U		4.44	12.6	1	04/13/2025 21:54	WG2489596
1,1,1-Trichloroethane	U		0.932	2.52	1	04/13/2025 21:54	WG2489596
1,1,2-Trichloroethane	U		0.603	2.52	1	04/13/2025 21:54	WG2489596
Trichloroethene	U		0.589	1.01	1	04/13/2025 21:54	WG2489596
Trichlorofluoromethane	U		0.835	2.52	1	04/13/2025 21:54	WG2489596
1,2,3-Trichloropropane	U		1.64	12.6	1	04/13/2025 21:54	WG2489596
1,2,4-Trimethylbenzene	U		1.59	5.05	1	04/13/2025 21:54	WG2489596
1,2,3-Trimethylbenzene	U		1.59	5.05	1	04/13/2025 21:54	WG2489596

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		2.02	5.05	1	04/13/2025 21:54	WG2489596
Vinyl chloride	U		1.17	2.52	1	04/13/2025 21:54	WG2489596
Xylenes, Total	U		0.888	6.56	1	04/13/2025 21:54	WG2489596
(S) Toluene-d8	*100*			*75.0-131*		*04/13/2025 21:54*	WG2489596
(S) 4-Bromofluorobenzene	*99.2*			*67.0-138*		*04/13/2025 21:54*	WG2489596
(S) 1,2-Dichloroethane-d4	*90.4*			*70.0-130*		*04/13/2025 21:54*	WG2489596

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	2300	J	1620	4020	1	04/14/2025 00:21	WG2489495
C28-C36 Motor Oil Range	6170		275	4020	1	04/14/2025 00:21	WG2489495
(S) o-Terphenyl	*81.1*			*18.0-148*		*04/14/2025 00:21*	WG2489495

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		5.41	33.5	1	04/14/2025 15:28	WG2489488
Acenaphthylene	U		4.71	33.5	1	04/14/2025 15:28	WG2489488
Anthracene	U		5.96	33.5	1	04/14/2025 15:28	WG2489488
Benzidine	U	C7	62.9	1680	1	04/14/2025 15:28	WG2489488
Benzo(a)anthracene	U		5.90	33.5	1	04/14/2025 15:28	WG2489488
Benzo(b)fluoranthene	U		6.24	33.5	1	04/14/2025 15:28	WG2489488
Benzo(k)fluoranthene	U		5.95	33.5	1	04/14/2025 15:28	WG2489488
Benzo(g,h,i)perylene	U		6.12	33.5	1	04/14/2025 15:28	WG2489488
Benzo(a)pyrene	U		6.22	33.5	1	04/14/2025 15:28	WG2489488
Bis(2-chlorethoxy)methane	U		10.0	335	1	04/14/2025 15:28	WG2489488
Bis(2-chloroethyl)ether	U	C3	11.1	335	1	04/14/2025 15:28	WG2489488
2,2-Oxybis(1-Chloropropane)	U	C3	14.5	335	1	04/14/2025 15:28	WG2489488
4-Bromophenyl-phenylether	U		11.8	335	1	04/14/2025 15:28	WG2489488
2-Chloronaphthalene	U		5.88	33.5	1	04/14/2025 15:28	WG2489488
4-Chlorophenyl-phenylether	U		11.7	335	1	04/14/2025 15:28	WG2489488
Chrysene	U		6.65	33.5	1	04/14/2025 15:28	WG2489488
Dibenz(a,h)anthracene	U		9.27	33.5	1	04/14/2025 15:28	WG2489488
1,2-Dichlorobenzene	U		9.92	335	1	04/14/2025 15:28	WG2489488
1,3-Dichlorobenzene	U		10.1	335	1	04/14/2025 15:28	WG2489488
1,4-Dichlorobenzene	U		9.96	335	1	04/14/2025 15:28	WG2489488
3,3-Dichlorobenzidine	U		12.4	335	1	04/14/2025 15:28	WG2489488
2,4-Dinitrotoluene	U		9.59	335	1	04/14/2025 15:28	WG2489488
2,6-Dinitrotoluene	U		11.0	335	1	04/14/2025 15:28	WG2489488
Fluoranthene	U		6.04	33.5	1	04/14/2025 15:28	WG2489488
Fluorene	U		5.45	33.5	1	04/14/2025 15:28	WG2489488
Hexachlorobenzene	U		11.9	335	1	04/14/2025 15:28	WG2489488
Hexachloro-1,3-butadiene	U		11.3	335	1	04/14/2025 15:28	WG2489488
Hexachlorocyclopentadiene	U	C7	17.6	335	1	04/14/2025 15:28	WG2489488
Hexachloroethane	U		13.2	335	1	04/14/2025 15:28	WG2489488
Indeno(1,2,3-cd)pyrene	U		9.45	33.5	1	04/14/2025 15:28	WG2489488
Isophorone	U		10.2	335	1	04/14/2025 15:28	WG2489488
Naphthalene	U		8.40	33.5	1	04/14/2025 15:28	WG2489488
Nitrobenzene	U		11.7	335	1	04/14/2025 15:28	WG2489488
n-Nitrosodimethylamine	U		49.6	335	1	04/14/2025 15:28	WG2489488
n-Nitrosodiphenylamine	U		25.3	335	1	04/14/2025 15:28	WG2489488
n-Nitrosodi-n-propylamine	U		11.2	335	1	04/14/2025 15:28	WG2489488
Phenanthrene	U		6.64	33.5	1	04/14/2025 15:28	WG2489488
Benzylbutyl phthalate	U		10.4	335	1	04/14/2025 15:28	WG2489488

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		42.4	335	1	04/14/2025 15:28	WG2489488
Di-n-butyl phthalate	U		11.5	335	1	04/14/2025 15:28	WG2489488
Diethyl phthalate	U		11.1	335	1	04/14/2025 15:28	WG2489488
Dimethyl phthalate	U		70.9	335	1	04/14/2025 15:28	WG2489488
Di-n-octyl phthalate	U		22.6	335	1	04/14/2025 15:28	WG2489488
Pyrene	U		6.51	33.5	1	04/14/2025 15:28	WG2489488
1,2,4-Trichlorobenzene	U		10.4	335	1	04/14/2025 15:28	WG2489488
4-Chloro-3-methylphenol	U		10.9	335	1	04/14/2025 15:28	WG2489488
2-Chlorophenol	U		11.1	335	1	04/14/2025 15:28	WG2489488
2,4-Dichlorophenol	U		9.74	335	1	04/14/2025 15:28	WG2489488
2,4-Dimethylphenol	U	C3	8.74	335	1	04/14/2025 15:28	WG2489488
4,6-Dinitro-2-methylphenol	U		75.8	335	1	04/14/2025 15:28	WG2489488
2,4-Dinitrophenol	U		78.3	335	1	04/14/2025 15:28	WG2489488
2-Nitrophenol	U		12.0	335	1	04/14/2025 15:28	WG2489488
4-Nitrophenol	U		10.4	335	1	04/14/2025 15:28	WG2489488
Pentachlorophenol	U		9.00	335	1	04/14/2025 15:28	WG2489488
Phenol	U		13.5	335	1	04/14/2025 15:28	WG2489488
2,4,6-Trichlorophenol	U		10.7	335	1	04/14/2025 15:28	WG2489488
(S) 2-Fluorophenol	*68.1*			*12.0-120*		*04/14/2025 15:28*	WG2489488
(S) Phenol-d5	*60.4*			*10.0-120*		*04/14/2025 15:28*	WG2489488
(S) Nitrobenzene-d5	*60.1*			*10.0-122*		*04/14/2025 15:28*	WG2489488
(S) 2-Fluorobiphenyl	*67.2*			*15.0-120*		*04/14/2025 15:28*	WG2489488
(S) 2,4,6-Tribromophenol	*71.5*			*10.0-127*		*04/14/2025 15:28*	WG2489488
(S) p-Terphenyl-d14	*71.8*			*10.0-120*		*04/14/2025 15:28*	WG2489488

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	99.5		1	04/13/2025 13:24	WG2489515

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		381	1000	1	04/14/2025 16:04	WG2489638

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		20.7	40.2	1	04/13/2025 20:14	WG2489631

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	618000		6110	20100	1	04/13/2025 23:49	WG2489697
Antimony	U		694	2010	1	04/13/2025 23:49	WG2489697
Arsenic	931	J	841	2010	1	04/13/2025 23:49	WG2489697
Barium	10400		85.4	502	1	04/13/2025 23:49	WG2489697
Beryllium	97.2	J	47.9	201	1	04/13/2025 23:49	WG2489697
Cadmium	U		65.6	502	1	04/13/2025 23:49	WG2489697
Calcium	2130000		19100	100000	1	04/13/2025 23:49	WG2489697
Chromium	966	J	215	1000	1	04/13/2025 23:49	WG2489697
Cobalt	974	J	178	1000	1	04/13/2025 23:49	WG2489697
Copper	884	J	359	2010	1	04/13/2025 23:49	WG2489697
Iron	2650000		2250	10000	1	04/13/2025 23:49	WG2489697
Lead	2580		328	502	1	04/13/2025 23:49	WG2489697
Magnesium	380000		20000	100000	1	04/13/2025 23:49	WG2489697
Manganese	69300		174	1000	1	04/13/2025 23:49	WG2489697
Nickel	1400	J	201	2010	1	04/13/2025 23:49	WG2489697
Potassium	155000		21000	100000	1	04/13/2025 23:49	WG2489697
Selenium	U		1080	2010	1	04/13/2025 23:49	WG2489697
Silver	U		128	1000	1	04/13/2025 23:49	WG2489697
Sodium	U		41400	100000	1	04/13/2025 23:49	WG2489697
Thallium	U		520	2010	1	04/13/2025 23:49	WG2489697
Vanadium	3730		385	2010	1	04/13/2025 23:49	WG2489697
Zinc	7050		979	5020	1	04/13/2025 23:49	WG2489697

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	32.0	B J	21.8	100	1	04/14/2025 07:31	WG2489588
(S) a,a,a-Trifluorotoluene(FID)	*98.0*			*77.0-120*		*04/14/2025 07:31*	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		36.9	50.5	1	04/13/2025 22:14	WG2489596
Acrylonitrile	U		3.64	12.6	1	04/13/2025 22:14	WG2489596
Benzene	U		0.471	1.01	1	04/13/2025 22:14	WG2489596
Bromobenzene	U		0.909	12.6	1	04/13/2025 22:14	WG2489596
Bromodichloromethane	U		0.732	2.52	1	04/13/2025 22:14	WG2489596
Bromoform	U		1.18	25.2	1	04/13/2025 22:14	WG2489596

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		1.99	12.6	1	04/13/2025 22:14	WG2489596
n-Butylbenzene	U		5.30	12.6	1	04/13/2025 22:14	WG2489596
sec-Butylbenzene	U		2.91	12.6	1	04/13/2025 22:14	WG2489596
tert-Butylbenzene	U		1.97	5.05	1	04/13/2025 22:14	WG2489596
Carbon tetrachloride	U		0.907	5.05	1	04/13/2025 22:14	WG2489596
Chlorobenzene	U		0.212	2.52	1	04/13/2025 22:14	WG2489596
Chlorodibromomethane	U		0.618	2.52	1	04/13/2025 22:14	WG2489596
Chloroethane	U		1.72	5.05	1	04/13/2025 22:14	WG2489596
Chloroform	U		1.04	2.52	1	04/13/2025 22:14	WG2489596
Chloromethane	U		4.39	12.6	1	04/13/2025 22:14	WG2489596
2-Chlorotoluene	U		0.873	2.52	1	04/13/2025 22:14	WG2489596
4-Chlorotoluene	U		0.454	5.05	1	04/13/2025 22:14	WG2489596
1,2-Dibromo-3-Chloropropane	U		3.94	25.2	1	04/13/2025 22:14	WG2489596
1,2-Dibromoethane	U		0.654	2.52	1	04/13/2025 22:14	WG2489596
Dibromomethane	U		0.757	5.05	1	04/13/2025 22:14	WG2489596
1,2-Dichlorobenzene	U		0.429	5.05	1	04/13/2025 22:14	WG2489596
1,3-Dichlorobenzene	U		0.606	5.05	1	04/13/2025 22:14	WG2489596
1,4-Dichlorobenzene	U		0.707	5.05	1	04/13/2025 22:14	WG2489596
Dichlorodifluoromethane	U	C3	1.63	5.05	1	04/13/2025 22:14	WG2489596
1,1-Dichloroethane	U		0.496	2.52	1	04/13/2025 22:14	WG2489596
1,2-Dichloroethane	U		0.655	2.52	1	04/13/2025 22:14	WG2489596
1,1-Dichloroethene	U		0.612	2.52	1	04/13/2025 22:14	WG2489596
cis-1,2-Dichloroethene	U		0.741	2.52	1	04/13/2025 22:14	WG2489596
trans-1,2-Dichloroethene	U		1.05	5.05	1	04/13/2025 22:14	WG2489596
1,2-Dichloropropane	U		1.43	5.05	1	04/13/2025 22:14	WG2489596
1,1-Dichloropropene	U		0.817	2.52	1	04/13/2025 22:14	WG2489596
1,3-Dichloropropane	U		0.506	5.05	1	04/13/2025 22:14	WG2489596
cis-1,3-Dichloropropene	U		0.764	2.52	1	04/13/2025 22:14	WG2489596
trans-1,3-Dichloropropene	U		1.15	5.05	1	04/13/2025 22:14	WG2489596
2,2-Dichloropropane	U		1.39	2.52	1	04/13/2025 22:14	WG2489596
Di-isopropyl ether	U		0.414	1.01	1	04/13/2025 22:14	WG2489596
Ethylbenzene	U		0.744	2.52	1	04/13/2025 22:14	WG2489596
Hexachloro-1,3-butadiene	U		6.06	25.2	1	04/13/2025 22:14	WG2489596
Isopropylbenzene	U		0.429	2.52	1	04/13/2025 22:14	WG2489596
p-Isopropyltoluene	U		2.57	5.05	1	04/13/2025 22:14	WG2489596
2-Butanone (MEK)	U		64.1	101	1	04/13/2025 22:14	WG2489596
Methylene Chloride	U		6.70	25.2	1	04/13/2025 22:14	WG2489596
4-Methyl-2-pentanone (MIBK)	U		2.30	25.2	1	04/13/2025 22:14	WG2489596
Methyl tert-butyl ether	U		0.353	1.01	1	04/13/2025 22:14	WG2489596
Naphthalene	U		4.93	12.6	1	04/13/2025 22:14	WG2489596
n-Propylbenzene	U		0.959	5.05	1	04/13/2025 22:14	WG2489596
Styrene	U		0.231	12.6	1	04/13/2025 22:14	WG2489596
1,1,1,2-Tetrachloroethane	U		0.957	2.52	1	04/13/2025 22:14	WG2489596
1,1,2,2-Tetrachloroethane	U		0.702	2.52	1	04/13/2025 22:14	WG2489596
1,1,2-Trichlorotrifluoroethane	U		0.761	2.52	1	04/13/2025 22:14	WG2489596
Tetrachloroethene	U		0.905	2.52	1	04/13/2025 22:14	WG2489596
Toluene	2.34	B J	1.31	5.05	1	04/13/2025 22:14	WG2489596
1,2,3-Trichlorobenzene	U		7.40	12.6	1	04/13/2025 22:14	WG2489596
1,2,4-Trichlorobenzene	U		4.44	12.6	1	04/13/2025 22:14	WG2489596
1,1,1-Trichloroethane	U		0.932	2.52	1	04/13/2025 22:14	WG2489596
1,1,2-Trichloroethane	U		0.603	2.52	1	04/13/2025 22:14	WG2489596
Trichloroethene	U		0.590	1.01	1	04/13/2025 22:14	WG2489596
Trichlorofluoromethane	U		0.835	2.52	1	04/13/2025 22:14	WG2489596
1,2,3-Trichloropropane	U		1.64	12.6	1	04/13/2025 22:14	WG2489596
1,2,4-Trimethylbenzene	U		1.60	5.05	1	04/13/2025 22:14	WG2489596
1,2,3-Trimethylbenzene	U		1.60	5.05	1	04/13/2025 22:14	WG2489596

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		2.02	5.05	1	04/13/2025 22:14	WG2489596
Vinyl chloride	U		1.17	2.52	1	04/13/2025 22:14	WG2489596
Xylenes, Total	U		0.888	6.56	1	04/13/2025 22:14	WG2489596
(S) Toluene-d8	*101*			*75.0-131*		*04/13/2025 22:14*	WG2489596
(S) 4-Bromofluorobenzene	*99.3*			*67.0-138*		*04/13/2025 22:14*	WG2489596
(S) 1,2-Dichloroethane-d4	*97.8*			*70.0-130*		*04/13/2025 22:14*	WG2489596

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	1640	J	1620	4020	1	04/14/2025 01:11	WG2489495
C28-C36 Motor Oil Range	9800		275	4020	1	04/14/2025 01:11	WG2489495
(S) o-Terphenyl	*84.0*			*18.0-148*		*04/14/2025 01:11*	WG2489495

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		5.42	33.5	1	04/14/2025 15:49	WG2489488
Acenaphthylene	U		4.71	33.5	1	04/14/2025 15:49	WG2489488
Anthracene	U		5.96	33.5	1	04/14/2025 15:49	WG2489488
Benzidine	U	C7	62.9	1680	1	04/14/2025 15:49	WG2489488
Benzo(a)anthracene	U		5.90	33.5	1	04/14/2025 15:49	WG2489488
Benzo(b)fluoranthene	U		6.24	33.5	1	04/14/2025 15:49	WG2489488
Benzo(k)fluoranthene	U		5.95	33.5	1	04/14/2025 15:49	WG2489488
Benzo(g,h,i)perylene	U		6.12	33.5	1	04/14/2025 15:49	WG2489488
Benzo(a)pyrene	U		6.22	33.5	1	04/14/2025 15:49	WG2489488
Bis(2-chlorethoxy)methane	U		10.0	335	1	04/14/2025 15:49	WG2489488
Bis(2-chloroethyl)ether	U	C3	11.1	335	1	04/14/2025 15:49	WG2489488
2,2-Oxybis(1-Chloropropane)	U	C3	14.5	335	1	04/14/2025 15:49	WG2489488
4-Bromophenyl-phenylether	U		11.8	335	1	04/14/2025 15:49	WG2489488
2-Chloronaphthalene	U		5.88	33.5	1	04/14/2025 15:49	WG2489488
4-Chlorophenyl-phenylether	U		11.7	335	1	04/14/2025 15:49	WG2489488
Chrysene	U		6.65	33.5	1	04/14/2025 15:49	WG2489488
Dibenz(a,h)anthracene	U		9.27	33.5	1	04/14/2025 15:49	WG2489488
1,2-Dichlorobenzene	U		9.92	335	1	04/14/2025 15:49	WG2489488
1,3-Dichlorobenzene	U		10.1	335	1	04/14/2025 15:49	WG2489488
1,4-Dichlorobenzene	U		9.96	335	1	04/14/2025 15:49	WG2489488
3,3-Dichlorobenzidine	U		12.4	335	1	04/14/2025 15:49	WG2489488
2,4-Dinitrotoluene	U		9.60	335	1	04/14/2025 15:49	WG2489488
2,6-Dinitrotoluene	U		11.0	335	1	04/14/2025 15:49	WG2489488
Fluoranthene	U		6.04	33.5	1	04/14/2025 15:49	WG2489488
Fluorene	U		5.45	33.5	1	04/14/2025 15:49	WG2489488
Hexachlorobenzene	U		11.9	335	1	04/14/2025 15:49	WG2489488
Hexachloro-1,3-butadiene	U		11.3	335	1	04/14/2025 15:49	WG2489488
Hexachlorocyclopentadiene	U	C7	17.6	335	1	04/14/2025 15:49	WG2489488
Hexachloroethane	U		13.2	335	1	04/14/2025 15:49	WG2489488
Indeno(1,2,3-cd)pyrene	U		9.46	33.5	1	04/14/2025 15:49	WG2489488
Isophorone	U		10.2	335	1	04/14/2025 15:49	WG2489488
Naphthalene	U		8.40	33.5	1	04/14/2025 15:49	WG2489488
Nitrobenzene	U		11.7	335	1	04/14/2025 15:49	WG2489488
n-Nitrosodimethylamine	U		49.6	335	1	04/14/2025 15:49	WG2489488
n-Nitrosodiphenylamine	U		25.3	335	1	04/14/2025 15:49	WG2489488
n-Nitrosodi-n-propylamine	U		11.2	335	1	04/14/2025 15:49	WG2489488
Phenanthrene	U		6.64	33.5	1	04/14/2025 15:49	WG2489488
Benzylbutyl phthalate	U		10.5	335	1	04/14/2025 15:49	WG2489488

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		42.4	335	1	04/14/2025 15:49	WG2489488
Di-n-butyl phthalate	U		11.5	335	1	04/14/2025 15:49	WG2489488
Diethyl phthalate	U		11.1	335	1	04/14/2025 15:49	WG2489488
Dimethyl phthalate	U		70.9	335	1	04/14/2025 15:49	WG2489488
Di-n-octyl phthalate	U		22.6	335	1	04/14/2025 15:49	WG2489488
Pyrene	U		6.51	33.5	1	04/14/2025 15:49	WG2489488
1,2,4-Trichlorobenzene	U		10.5	335	1	04/14/2025 15:49	WG2489488
4-Chloro-3-methylphenol	U		10.9	335	1	04/14/2025 15:49	WG2489488
2-Chlorophenol	U		11.1	335	1	04/14/2025 15:49	WG2489488
2,4-Dichlorophenol	U		9.75	335	1	04/14/2025 15:49	WG2489488
2,4-Dimethylphenol	U	C3	8.74	335	1	04/14/2025 15:49	WG2489488
4,6-Dinitro-2-methylphenol	U		75.9	335	1	04/14/2025 15:49	WG2489488
2,4-Dinitrophenol	U		78.3	335	1	04/14/2025 15:49	WG2489488
2-Nitrophenol	U		12.0	335	1	04/14/2025 15:49	WG2489488
4-Nitrophenol	U		10.5	335	1	04/14/2025 15:49	WG2489488
Pentachlorophenol	U		9.00	335	1	04/14/2025 15:49	WG2489488
Phenol	U		13.5	335	1	04/14/2025 15:49	WG2489488
2,4,6-Trichlorophenol	U		10.8	335	1	04/14/2025 15:49	WG2489488
(S) 2-Fluorophenol	*68.7*			*12.0-120*		*04/14/2025 15:49*	WG2489488
(S) Phenol-d5	*60.3*			*10.0-120*		*04/14/2025 15:49*	WG2489488
(S) Nitrobenzene-d5	*61.0*			*10.0-122*		*04/14/2025 15:49*	WG2489488
(S) 2-Fluorobiphenyl	*66.6*			*15.0-120*		*04/14/2025 15:49*	WG2489488
(S) 2,4,6-Tribromophenol	*65.5*			*10.0-127*		*04/14/2025 15:49*	WG2489488
(S) p-Terphenyl-d14	*71.5*			*10.0-120*		*04/14/2025 15:49*	WG2489488

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	98.0		1	04/13/2025 13:24	WG2489515

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		387	1020	1	04/14/2025 16:13	WG2489638

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		21.0	40.8	1	04/13/2025 19:12	WG2489631

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	439000		6200	20400	1	04/13/2025 23:13	WG2489697
Antimony	U		705	2040	1	04/13/2025 23:13	WG2489697
Arsenic	U		854	2040	1	04/13/2025 23:13	WG2489697
Barium	7980		86.7	510	1	04/13/2025 23:13	WG2489697
Beryllium	92.7	J	48.7	204	1	04/13/2025 23:13	WG2489697
Cadmium	U		66.6	510	1	04/13/2025 23:13	WG2489697
Calcium	1530000	J5	19400	102000	1	04/13/2025 23:13	WG2489697
Chromium	766	J	218	1020	1	04/13/2025 23:13	WG2489697
Cobalt	747	J	181	1020	1	04/13/2025 23:13	WG2489697
Copper	954	J	364	2040	1	04/13/2025 23:13	WG2489697
Iron	3450000	J6	2290	10200	1	04/13/2025 23:13	WG2489697
Lead	2100		333	510	1	04/13/2025 23:13	WG2489697
Magnesium	276000		20300	102000	1	04/13/2025 23:13	WG2489697
Manganese	84800	J6	176	1020	1	04/13/2025 23:13	WG2489697
Nickel	923	J	204	2040	1	04/13/2025 23:13	WG2489697
Potassium	108000		21300	102000	1	04/13/2025 23:13	WG2489697
Selenium	U		1090	2040	1	04/13/2025 23:13	WG2489697
Silver	U		130	1020	1	04/13/2025 23:13	WG2489697
Sodium	U		42000	102000	1	04/13/2025 23:13	WG2489697
Thallium	U		528	2040	1	04/13/2025 23:13	WG2489697
Vanadium	4000		391	2040	1	04/13/2025 23:13	WG2489697
Zinc	6140		994	5100	1	04/13/2025 23:13	WG2489697

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	34.2	B J	22.1	102	1	04/14/2025 07:55	WG2489588
(S) a,a,a-Trifluorotoluene(FID)	*97.6*			*77.0-120*		*04/14/2025 07:55*	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	J3 J5	38.0	52.0	1	04/13/2025 22:33	WG2489596
Acrylonitrile	U	J3	3.76	13.0	1	04/13/2025 22:33	WG2489596
Benzene	U		0.486	1.04	1	04/13/2025 22:33	WG2489596
Bromobenzene	U		0.936	13.0	1	04/13/2025 22:33	WG2489596
Bromodichloromethane	U		0.754	2.60	1	04/13/2025 22:33	WG2489596
Bromoform	U		1.22	26.0	1	04/13/2025 22:33	WG2489596

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	2.05	13.0	1	04/13/2025 22:33	WG2489596
n-Butylbenzene	U		5.46	13.0	1	04/13/2025 22:33	WG2489596
sec-Butylbenzene	U		3.00	13.0	1	04/13/2025 22:33	WG2489596
tert-Butylbenzene	U		2.03	5.20	1	04/13/2025 22:33	WG2489596
Carbon tetrachloride	U		0.934	5.20	1	04/13/2025 22:33	WG2489596
Chlorobenzene	U		0.218	2.60	1	04/13/2025 22:33	WG2489596
Chlorodibromomethane	U		0.637	2.60	1	04/13/2025 22:33	WG2489596
Chloroethane	U	J3	1.77	5.20	1	04/13/2025 22:33	WG2489596
Chloroform	U		1.07	2.60	1	04/13/2025 22:33	WG2489596
Chloromethane	U		4.53	13.0	1	04/13/2025 22:33	WG2489596
2-Chlorotoluene	U		0.900	2.60	1	04/13/2025 22:33	WG2489596
4-Chlorotoluene	U		0.468	5.20	1	04/13/2025 22:33	WG2489596
1,2-Dibromo-3-Chloropropane	U		4.06	26.0	1	04/13/2025 22:33	WG2489596
1,2-Dibromoethane	U		0.674	2.60	1	04/13/2025 22:33	WG2489596
Dibromomethane	U		0.780	5.20	1	04/13/2025 22:33	WG2489596
1,2-Dichlorobenzene	U		0.442	5.20	1	04/13/2025 22:33	WG2489596
1,3-Dichlorobenzene	U		0.624	5.20	1	04/13/2025 22:33	WG2489596
1,4-Dichlorobenzene	U		0.728	5.20	1	04/13/2025 22:33	WG2489596
Dichlorodifluoromethane	U	C3	1.68	5.20	1	04/13/2025 22:33	WG2489596
1,1-Dichloroethane	U		0.511	2.60	1	04/13/2025 22:33	WG2489596
1,2-Dichloroethane	U		0.675	2.60	1	04/13/2025 22:33	WG2489596
1,1-Dichloroethene	U		0.630	2.60	1	04/13/2025 22:33	WG2489596
cis-1,2-Dichloroethene	U		0.764	2.60	1	04/13/2025 22:33	WG2489596
trans-1,2-Dichloroethene	U		1.08	5.20	1	04/13/2025 22:33	WG2489596
1,2-Dichloropropane	U		1.48	5.20	1	04/13/2025 22:33	WG2489596
1,1-Dichloropropene	U		0.842	2.60	1	04/13/2025 22:33	WG2489596
1,3-Dichloropropane	U		0.521	5.20	1	04/13/2025 22:33	WG2489596
cis-1,3-Dichloropropene	U		0.788	2.60	1	04/13/2025 22:33	WG2489596
trans-1,3-Dichloropropene	U		1.19	5.20	1	04/13/2025 22:33	WG2489596
2,2-Dichloropropane	U		1.44	2.60	1	04/13/2025 22:33	WG2489596
Di-isopropyl ether	U		0.427	1.04	1	04/13/2025 22:33	WG2489596
Ethylbenzene	U		0.767	2.60	1	04/13/2025 22:33	WG2489596
Hexachloro-1,3-butadiene	U		6.24	26.0	1	04/13/2025 22:33	WG2489596
Isopropylbenzene	U		0.442	2.60	1	04/13/2025 22:33	WG2489596
p-Isopropyltoluene	U		2.65	5.20	1	04/13/2025 22:33	WG2489596
2-Butanone (MEK)	U		66.1	104	1	04/13/2025 22:33	WG2489596
Methylene Chloride	U		6.91	26.0	1	04/13/2025 22:33	WG2489596
4-Methyl-2-pentanone (MIBK)	U		2.37	26.0	1	04/13/2025 22:33	WG2489596
Methyl tert-butyl ether	U		0.364	1.04	1	04/13/2025 22:33	WG2489596
Naphthalene	U		5.08	13.0	1	04/13/2025 22:33	WG2489596
n-Propylbenzene	U		0.988	5.20	1	04/13/2025 22:33	WG2489596
Styrene	U		0.238	13.0	1	04/13/2025 22:33	WG2489596
1,1,1,2-Tetrachloroethane	U		0.986	2.60	1	04/13/2025 22:33	WG2489596
1,1,2,2-Tetrachloroethane	U		0.723	2.60	1	04/13/2025 22:33	WG2489596
1,1,2-Trichlorotrifluoroethane	U		0.784	2.60	1	04/13/2025 22:33	WG2489596
Tetrachloroethene	U		0.932	2.60	1	04/13/2025 22:33	WG2489596
Toluene	2.58	B J	1.35	5.20	1	04/13/2025 22:33	WG2489596
1,2,3-Trichlorobenzene	U		7.63	13.0	1	04/13/2025 22:33	WG2489596
1,2,4-Trichlorobenzene	U		4.58	13.0	1	04/13/2025 22:33	WG2489596
1,1,1-Trichloroethane	U		0.960	2.60	1	04/13/2025 22:33	WG2489596
1,1,2-Trichloroethane	U		0.621	2.60	1	04/13/2025 22:33	WG2489596
Trichloroethene	U		0.608	1.04	1	04/13/2025 22:33	WG2489596
Trichlorofluoromethane	U		0.860	2.60	1	04/13/2025 22:33	WG2489596
1,2,3-Trichloropropane	U		1.69	13.0	1	04/13/2025 22:33	WG2489596
1,2,4-Trimethylbenzene	U		1.64	5.20	1	04/13/2025 22:33	WG2489596
1,2,3-Trimethylbenzene	U		1.64	5.20	1	04/13/2025 22:33	WG2489596

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		2.08	5.20	1	04/13/2025 22:33	WG2489596
Vinyl chloride	U	J3	1.21	2.60	1	04/13/2025 22:33	WG2489596
Xylenes, Total	U		0.916	6.76	1	04/13/2025 22:33	WG2489596
(S) Toluene-d8	*100*			*75.0-131*		*04/13/2025 22:33*	WG2489596
(S) 4-Bromofluorobenzene	*99.4*			*67.0-138*		*04/13/2025 22:33*	WG2489596
(S) 1,2-Dichloroethane-d4	*98.9*			*70.0-130*		*04/13/2025 22:33*	WG2489596

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		1640	4080	1	04/14/2025 00:33	WG2489495
C28-C36 Motor Oil Range	6600		280	4080	1	04/14/2025 00:33	WG2489495
(S) o-Terphenyl	*82.3*			*18.0-148*		*04/14/2025 00:33*	WG2489495

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		5.50	34.0	1	04/14/2025 15:14	WG2489488
Acenaphthylene	U		4.78	34.0	1	04/14/2025 15:14	WG2489488
Anthracene	U		6.05	34.0	1	04/14/2025 15:14	WG2489488
Benzidine	U		63.9	1700	1	04/14/2025 15:14	WG2489488
Benzo(a)anthracene	U		5.99	34.0	1	04/14/2025 15:14	WG2489488
Benzo(b)fluoranthene	U		6.33	34.0	1	04/14/2025 15:14	WG2489488
Benzo(k)fluoranthene	U		6.04	34.0	1	04/14/2025 15:14	WG2489488
Benzo(g,h,i)perylene	U		6.21	34.0	1	04/14/2025 15:14	WG2489488
Benzo(a)pyrene	U		6.31	34.0	1	04/14/2025 15:14	WG2489488
Bis(2-chlorethoxy)methane	U		10.2	340	1	04/14/2025 15:14	WG2489488
Bis(2-chloroethyl)ether	U	C3	11.2	340	1	04/14/2025 15:14	WG2489488
2,2-Oxybis(1-Chloropropane)	U		14.7	340	1	04/14/2025 15:14	WG2489488
4-Bromophenyl-phenylether	U		11.9	340	1	04/14/2025 15:14	WG2489488
2-Chloronaphthalene	U		5.97	34.0	1	04/14/2025 15:14	WG2489488
4-Chlorophenyl-phenylether	U	C3	11.8	340	1	04/14/2025 15:14	WG2489488
Chrysene	U		6.75	34.0	1	04/14/2025 15:14	WG2489488
Dibenz(a,h)anthracene	U		9.42	34.0	1	04/14/2025 15:14	WG2489488
1,2-Dichlorobenzene	U		10.1	340	1	04/14/2025 15:14	WG2489488
1,3-Dichlorobenzene	U		10.3	340	1	04/14/2025 15:14	WG2489488
1,4-Dichlorobenzene	U		10.1	340	1	04/14/2025 15:14	WG2489488
3,3-Dichlorobenzidine	U		12.5	340	1	04/14/2025 15:14	WG2489488
2,4-Dinitrotoluene	U		9.74	340	1	04/14/2025 15:14	WG2489488
2,6-Dinitrotoluene	U		11.1	340	1	04/14/2025 15:14	WG2489488
Fluoranthene	U		6.13	34.0	1	04/14/2025 15:14	WG2489488
Fluorene	U		5.53	34.0	1	04/14/2025 15:14	WG2489488
Hexachlorobenzene	U	C3	12.0	340	1	04/14/2025 15:14	WG2489488
Hexachloro-1,3-butadiene	U	C3	11.4	340	1	04/14/2025 15:14	WG2489488
Hexachlorocyclopentadiene	U	J6	17.9	340	1	04/14/2025 15:14	WG2489488
Hexachloroethane	U		13.4	340	1	04/14/2025 15:14	WG2489488
Indeno(1,2,3-cd)pyrene	U		9.60	34.0	1	04/14/2025 15:14	WG2489488
Isophorone	U		10.4	340	1	04/14/2025 15:14	WG2489488
Naphthalene	U		8.53	34.0	1	04/14/2025 15:14	WG2489488
Nitrobenzene	U		11.8	340	1	04/14/2025 15:14	WG2489488
n-Nitrosodimethylamine	U		50.4	340	1	04/14/2025 15:14	WG2489488
n-Nitrosodiphenylamine	U		25.7	340	1	04/14/2025 15:14	WG2489488
n-Nitrosodi-n-propylamine	U		11.3	340	1	04/14/2025 15:14	WG2489488
Phenanthrene	U		6.74	34.0	1	04/14/2025 15:14	WG2489488
Benzylbutyl phthalate	U		10.6	340	1	04/14/2025 15:14	WG2489488

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		43.0	340	1	04/14/2025 15:14	WG2489488
Di-n-butyl phthalate	U		11.6	340	1	04/14/2025 15:14	WG2489488
Diethyl phthalate	U		11.2	340	1	04/14/2025 15:14	WG2489488
Dimethyl phthalate	U		72.0	340	1	04/14/2025 15:14	WG2489488
Di-n-octyl phthalate	U		23.0	340	1	04/14/2025 15:14	WG2489488
Pyrene	U		6.61	34.0	1	04/14/2025 15:14	WG2489488
1,2,4-Trichlorobenzene	U		10.6	340	1	04/14/2025 15:14	WG2489488
4-Chloro-3-methylphenol	U		11.0	340	1	04/14/2025 15:14	WG2489488
2-Chlorophenol	U		11.2	340	1	04/14/2025 15:14	WG2489488
2,4-Dichlorophenol	U		9.90	340	1	04/14/2025 15:14	WG2489488
2,4-Dimethylphenol	U	C3	8.88	340	1	04/14/2025 15:14	WG2489488
4,6-Dinitro-2-methylphenol	U	C3	77.0	340	1	04/14/2025 15:14	WG2489488
2,4-Dinitrophenol	U	C3	79.5	340	1	04/14/2025 15:14	WG2489488
2-Nitrophenol	U		12.1	340	1	04/14/2025 15:14	WG2489488
4-Nitrophenol	U		10.6	340	1	04/14/2025 15:14	WG2489488
Pentachlorophenol	U	C3	9.14	340	1	04/14/2025 15:14	WG2489488
Phenol	U		13.7	340	1	04/14/2025 15:14	WG2489488
2,4,6-Trichlorophenol	U		10.9	340	1	04/14/2025 15:14	WG2489488
(S) 2-Fluorophenol	*80.4*			*12.0-120*		*04/14/2025 15:14*	WG2489488
(S) Phenol-d5	*71.0*			*10.0-120*		*04/14/2025 15:14*	WG2489488
(S) Nitrobenzene-d5	*66.6*			*10.0-122*		*04/14/2025 15:14*	WG2489488
(S) 2-Fluorobiphenyl	*68.7*			*15.0-120*		*04/14/2025 15:14*	WG2489488
(S) 2,4,6-Tribromophenol	*59.8*			*10.0-127*		*04/14/2025 15:14*	WG2489488
(S) p-Terphenyl-d14	*73.0*			*10.0-120*		*04/14/2025 15:14*	WG2489488

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	99.1		1	04/13/2025 13:24	WG2489515

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		382	1010	1	04/14/2025 16:57	WG2489638

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		20.8	40.4	1	04/13/2025 21:03	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	528000		6140	20200	1	04/13/2025 23:54	WG2489697
Antimony	U		697	2020	1	04/13/2025 23:54	WG2489697
Arsenic	U		845	2020	1	04/13/2025 23:54	WG2489697
Barium	15500		85.8	505	1	04/13/2025 23:54	WG2489697
Beryllium	89.6	J	48.1	202	1	04/13/2025 23:54	WG2489697
Cadmium	U		65.9	505	1	04/13/2025 23:54	WG2489697
Calcium	2450000		19200	101000	1	04/13/2025 23:54	WG2489697
Chromium	851	J	216	1010	1	04/13/2025 23:54	WG2489697
Cobalt	830	J	179	1010	1	04/13/2025 23:54	WG2489697
Copper	812	J	360	2020	1	04/13/2025 23:54	WG2489697
Iron	2530000		2260	10100	1	04/13/2025 23:54	WG2489697
Lead	2360		329	505	1	04/13/2025 23:54	WG2489697
Magnesium	325000		20100	101000	1	04/13/2025 23:54	WG2489697
Manganese	60300		175	1010	1	04/13/2025 23:54	WG2489697
Nickel	1090	J	202	2020	1	04/13/2025 23:54	WG2489697
Potassium	134000		21100	101000	1	04/13/2025 23:54	WG2489697
Selenium	U		1080	2020	1	04/13/2025 23:54	WG2489697
Silver	U		128	1010	1	04/13/2025 23:54	WG2489697
Sodium	U		41600	101000	1	04/13/2025 23:54	WG2489697
Thallium	U		523	2020	1	04/13/2025 23:54	WG2489697
Vanadium	3550		386	2020	1	04/13/2025 23:54	WG2489697
Zinc	6450		983	5050	1	04/13/2025 23:54	WG2489697

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	32.3	B J	21.9	101	1	04/14/2025 08:26	WG2489588
(S) a,a,a-Trifluorotoluene(FID)	*97.6*			*77.0-120*		*04/14/2025 08:26*	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		37.2	50.9	1	04/13/2025 22:53	WG2489596
Acrylonitrile	U		3.68	12.7	1	04/13/2025 22:53	WG2489596
Benzene	U		0.476	1.02	1	04/13/2025 22:53	WG2489596
Bromobenzene	U		0.916	12.7	1	04/13/2025 22:53	WG2489596
Bromodichloromethane	U		0.738	2.55	1	04/13/2025 22:53	WG2489596
Bromoform	U		1.19	25.5	1	04/13/2025 22:53	WG2489596

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		2.01	12.7	1	04/13/2025 22:53	WG2489596
n-Butylbenzene	U		5.35	12.7	1	04/13/2025 22:53	WG2489596
sec-Butylbenzene	U		2.93	12.7	1	04/13/2025 22:53	WG2489596
tert-Butylbenzene	U		1.99	5.09	1	04/13/2025 22:53	WG2489596
Carbon tetrachloride	U		0.914	5.09	1	04/13/2025 22:53	WG2489596
Chlorobenzene	U		0.214	2.55	1	04/13/2025 22:53	WG2489596
Chlorodibromomethane	U		0.623	2.55	1	04/13/2025 22:53	WG2489596
Chloroethane	U		1.73	5.09	1	04/13/2025 22:53	WG2489596
Chloroform	U		1.05	2.55	1	04/13/2025 22:53	WG2489596
Chloromethane	U		4.43	12.7	1	04/13/2025 22:53	WG2489596
2-Chlorotoluene	U		0.881	2.55	1	04/13/2025 22:53	WG2489596
4-Chlorotoluene	U		0.458	5.09	1	04/13/2025 22:53	WG2489596
1,2-Dibromo-3-Chloropropane	U		3.97	25.5	1	04/13/2025 22:53	WG2489596
1,2-Dibromoethane	U		0.660	2.55	1	04/13/2025 22:53	WG2489596
Dibromomethane	U		0.764	5.09	1	04/13/2025 22:53	WG2489596
1,2-Dichlorobenzene	U		0.433	5.09	1	04/13/2025 22:53	WG2489596
1,3-Dichlorobenzene	U		0.611	5.09	1	04/13/2025 22:53	WG2489596
1,4-Dichlorobenzene	U		0.713	5.09	1	04/13/2025 22:53	WG2489596
Dichlorodifluoromethane	U	C3	1.64	5.09	1	04/13/2025 22:53	WG2489596
1,1-Dichloroethane	U		0.500	2.55	1	04/13/2025 22:53	WG2489596
1,2-Dichloroethane	U		0.661	2.55	1	04/13/2025 22:53	WG2489596
1,1-Dichloroethene	U		0.617	2.55	1	04/13/2025 22:53	WG2489596
cis-1,2-Dichloroethene	U		0.747	2.55	1	04/13/2025 22:53	WG2489596
trans-1,2-Dichloroethene	U		1.06	5.09	1	04/13/2025 22:53	WG2489596
1,2-Dichloropropane	U		1.45	5.09	1	04/13/2025 22:53	WG2489596
1,1-Dichloropropene	U		0.824	2.55	1	04/13/2025 22:53	WG2489596
1,3-Dichloropropane	U		0.510	5.09	1	04/13/2025 22:53	WG2489596
cis-1,3-Dichloropropene	U		0.771	2.55	1	04/13/2025 22:53	WG2489596
trans-1,3-Dichloropropene	U		1.16	5.09	1	04/13/2025 22:53	WG2489596
2,2-Dichloropropane	U		1.41	2.55	1	04/13/2025 22:53	WG2489596
Di-isopropyl ether	U		0.417	1.02	1	04/13/2025 22:53	WG2489596
Ethylbenzene	U		0.750	2.55	1	04/13/2025 22:53	WG2489596
Hexachloro-1,3-butadiene	U		6.11	25.5	1	04/13/2025 22:53	WG2489596
Isopropylbenzene	U		0.433	2.55	1	04/13/2025 22:53	WG2489596
p-Isopropyltoluene	U		2.60	5.09	1	04/13/2025 22:53	WG2489596
2-Butanone (MEK)	U		64.7	102	1	04/13/2025 22:53	WG2489596
Methylene Chloride	U		6.76	25.5	1	04/13/2025 22:53	WG2489596
4-Methyl-2-pentanone (MIBK)	U		2.32	25.5	1	04/13/2025 22:53	WG2489596
Methyl tert-butyl ether	U		0.356	1.02	1	04/13/2025 22:53	WG2489596
Naphthalene	U		4.97	12.7	1	04/13/2025 22:53	WG2489596
n-Propylbenzene	U		0.967	5.09	1	04/13/2025 22:53	WG2489596
Styrene	U		0.233	12.7	1	04/13/2025 22:53	WG2489596
1,1,1,2-Tetrachloroethane	U		0.965	2.55	1	04/13/2025 22:53	WG2489596
1,1,2,2-Tetrachloroethane	U		0.708	2.55	1	04/13/2025 22:53	WG2489596
1,1,2-Trichlorotrifluoroethane	U		0.768	2.55	1	04/13/2025 22:53	WG2489596
Tetrachloroethene	U		0.912	2.55	1	04/13/2025 22:53	WG2489596
Toluene	2.49	B J	1.32	5.09	1	04/13/2025 22:53	WG2489596
1,2,3-Trichlorobenzene	U		7.46	12.7	1	04/13/2025 22:53	WG2489596
1,2,4-Trichlorobenzene	U		4.48	12.7	1	04/13/2025 22:53	WG2489596
1,1,1-Trichloroethane	U		0.940	2.55	1	04/13/2025 22:53	WG2489596
1,1,2-Trichloroethane	U		0.608	2.55	1	04/13/2025 22:53	WG2489596
Trichloroethene	U		0.595	1.02	1	04/13/2025 22:53	WG2489596
Trichlorofluoromethane	U		0.842	2.55	1	04/13/2025 22:53	WG2489596
1,2,3-Trichloropropane	U		1.65	12.7	1	04/13/2025 22:53	WG2489596
1,2,4-Trimethylbenzene	U		1.61	5.09	1	04/13/2025 22:53	WG2489596
1,2,3-Trimethylbenzene	U		1.61	5.09	1	04/13/2025 22:53	WG2489596

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		2.04	5.09	1	04/13/2025 22:53	WG2489596
Vinyl chloride	U		1.18	2.55	1	04/13/2025 22:53	WG2489596
Xylenes, Total	U		0.896	6.62	1	04/13/2025 22:53	WG2489596
(S) Toluene-d8	*101*			*75.0-131*		*04/13/2025 22:53*	WG2489596
(S) 4-Bromofluorobenzene	*98.4*			*67.0-138*		*04/13/2025 22:53*	WG2489596
(S) 1,2-Dichloroethane-d4	*92.8*			*70.0-130*		*04/13/2025 22:53*	WG2489596

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	2490	J	1620	4040	1	04/14/2025 01:23	WG2489495
C28-C36 Motor Oil Range	9270		277	4040	1	04/14/2025 01:23	WG2489495
(S) o-Terphenyl	*80.0*			*18.0-148*		*04/14/2025 01:23*	WG2489495

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		5.44	33.6	1	04/14/2025 16:09	WG2489488
Acenaphthylene	U		4.73	33.6	1	04/14/2025 16:09	WG2489488
Anthracene	U		5.98	33.6	1	04/14/2025 16:09	WG2489488
Benzidine	U	C7	63.2	1690	1	04/14/2025 16:09	WG2489488
Benzo(a)anthracene	U		5.92	33.6	1	04/14/2025 16:09	WG2489488
Benzo(b)fluoranthene	U		6.27	33.6	1	04/14/2025 16:09	WG2489488
Benzo(k)fluoranthene	U		5.97	33.6	1	04/14/2025 16:09	WG2489488
Benzo(g,h,i)perylene	U		6.15	33.6	1	04/14/2025 16:09	WG2489488
Benzo(a)pyrene	U		6.25	33.6	1	04/14/2025 16:09	WG2489488
Bis(2-chlorethoxy)methane	U		10.1	336	1	04/14/2025 16:09	WG2489488
Bis(2-chloroethyl)ether	U	C3	11.1	336	1	04/14/2025 16:09	WG2489488
2,2-Oxybis(1-Chloropropane)	U	C3	14.5	336	1	04/14/2025 16:09	WG2489488
4-Bromophenyl-phenylether	U		11.8	336	1	04/14/2025 16:09	WG2489488
2-Chloronaphthalene	U		5.90	33.6	1	04/14/2025 16:09	WG2489488
4-Chlorophenyl-phenylether	U		11.7	336	1	04/14/2025 16:09	WG2489488
Chrysene	U		6.68	33.6	1	04/14/2025 16:09	WG2489488
Dibenz(a,h)anthracene	U		9.31	33.6	1	04/14/2025 16:09	WG2489488
1,2-Dichlorobenzene	U		9.96	336	1	04/14/2025 16:09	WG2489488
1,3-Dichlorobenzene	U		10.2	336	1	04/14/2025 16:09	WG2489488
1,4-Dichlorobenzene	U		10.0	336	1	04/14/2025 16:09	WG2489488
3,3-Dichlorobenzidine	U		12.4	336	1	04/14/2025 16:09	WG2489488
2,4-Dinitrotoluene	U		9.64	336	1	04/14/2025 16:09	WG2489488
2,6-Dinitrotoluene	U		11.0	336	1	04/14/2025 16:09	WG2489488
Fluoranthene	U		6.06	33.6	1	04/14/2025 16:09	WG2489488
Fluorene	U		5.47	33.6	1	04/14/2025 16:09	WG2489488
Hexachlorobenzene	U		11.9	336	1	04/14/2025 16:09	WG2489488
Hexachloro-1,3-butadiene	U		11.3	336	1	04/14/2025 16:09	WG2489488
Hexachlorocyclopentadiene	U	C7	17.7	336	1	04/14/2025 16:09	WG2489488
Hexachloroethane	U		13.2	336	1	04/14/2025 16:09	WG2489488
Indeno(1,2,3-cd)pyrene	U		9.50	33.6	1	04/14/2025 16:09	WG2489488
Isophorone	U		10.3	336	1	04/14/2025 16:09	WG2489488
Naphthalene	U		8.44	33.6	1	04/14/2025 16:09	WG2489488
Nitrobenzene	U		11.7	336	1	04/14/2025 16:09	WG2489488
n-Nitrosodimethylamine	U		49.9	336	1	04/14/2025 16:09	WG2489488
n-Nitrosodiphenylamine	U		25.4	336	1	04/14/2025 16:09	WG2489488
n-Nitrosodi-n-propylamine	U		11.2	336	1	04/14/2025 16:09	WG2489488
Phenanthrene	U		6.67	33.6	1	04/14/2025 16:09	WG2489488
Benzylbutyl phthalate	U		10.5	336	1	04/14/2025 16:09	WG2489488

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		42.6	336	1	04/14/2025 16:09	WG2489488
Di-n-butyl phthalate	U		11.5	336	1	04/14/2025 16:09	WG2489488
Diethyl phthalate	U		11.1	336	1	04/14/2025 16:09	WG2489488
Dimethyl phthalate	U		71.2	336	1	04/14/2025 16:09	WG2489488
Di-n-octyl phthalate	U		22.7	336	1	04/14/2025 16:09	WG2489488
Pyrene	U		6.54	33.6	1	04/14/2025 16:09	WG2489488
1,2,4-Trichlorobenzene	U		10.5	336	1	04/14/2025 16:09	WG2489488
4-Chloro-3-methylphenol	U		10.9	336	1	04/14/2025 16:09	WG2489488
2-Chlorophenol	U		11.1	336	1	04/14/2025 16:09	WG2489488
2,4-Dichlorophenol	U		9.79	336	1	04/14/2025 16:09	WG2489488
2,4-Dimethylphenol	U	C3	8.78	336	1	04/14/2025 16:09	WG2489488
4,6-Dinitro-2-methylphenol	U		76.2	336	1	04/14/2025 16:09	WG2489488
2,4-Dinitrophenol	U		78.6	336	1	04/14/2025 16:09	WG2489488
2-Nitrophenol	U		12.0	336	1	04/14/2025 16:09	WG2489488
4-Nitrophenol	U		10.5	336	1	04/14/2025 16:09	WG2489488
Pentachlorophenol	U		9.04	336	1	04/14/2025 16:09	WG2489488
Phenol	U		13.5	336	1	04/14/2025 16:09	WG2489488
2,4,6-Trichlorophenol	U		10.8	336	1	04/14/2025 16:09	WG2489488
(S) 2-Fluorophenol	*69.7*			*12.0-120*		*04/14/2025 16:09*	WG2489488
(S) Phenol-d5	*61.9*			*10.0-120*		*04/14/2025 16:09*	WG2489488
(S) Nitrobenzene-d5	*62.1*			*10.0-122*		*04/14/2025 16:09*	WG2489488
(S) 2-Fluorobiphenyl	*69.4*			*15.0-120*		*04/14/2025 16:09*	WG2489488
(S) 2,4,6-Tribromophenol	*71.4*			*10.0-127*		*04/14/2025 16:09*	WG2489488
(S) p-Terphenyl-d14	*76.1*			*10.0-120*		*04/14/2025 16:09*	WG2489488

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U		11.3	50.0	1	04/13/2025 17:18	WG2489586
Acrolein	U	C3	2.54	50.0	1	04/13/2025 17:18	WG2489586
Acrylonitrile	U		0.671	10.0	1	04/13/2025 17:18	WG2489586
Benzene	U		0.0941	1.00	1	04/13/2025 17:18	WG2489586
Bromobenzene	U		0.118	1.00	1	04/13/2025 17:18	WG2489586
Bromodichloromethane	U		0.136	1.00	1	04/13/2025 17:18	WG2489586
Bromoform	U		0.129	1.00	1	04/13/2025 17:18	WG2489586
Bromomethane	U		0.605	5.00	1	04/13/2025 17:18	WG2489586
n-Butylbenzene	U		0.157	1.00	1	04/13/2025 17:18	WG2489586
sec-Butylbenzene	U		0.125	1.00	1	04/13/2025 17:18	WG2489586
tert-Butylbenzene	U		0.127	1.00	1	04/13/2025 17:18	WG2489586
Carbon tetrachloride	U		0.128	1.00	1	04/13/2025 17:18	WG2489586
Chlorobenzene	U		0.116	1.00	1	04/13/2025 17:18	WG2489586
Chlorodibromomethane	U		0.140	1.00	1	04/13/2025 17:18	WG2489586
Chloroethane	U		0.192	5.00	1	04/13/2025 17:18	WG2489586
Chloroform	U		0.111	5.00	1	04/13/2025 17:18	WG2489586
Chloromethane	U		0.960	2.50	1	04/13/2025 17:18	WG2489586
2-Chlorotoluene	U		0.106	1.00	1	04/13/2025 17:18	WG2489586
4-Chlorotoluene	U		0.114	1.00	1	04/13/2025 17:18	WG2489586
1,2-Dibromo-3-Chloropropane	U		0.276	5.00	1	04/13/2025 17:18	WG2489586
1,2-Dibromoethane	U		0.126	1.00	1	04/13/2025 17:18	WG2489586
Dibromomethane	U		0.122	1.00	1	04/13/2025 17:18	WG2489586
1,2-Dichlorobenzene	U		0.107	1.00	1	04/13/2025 17:18	WG2489586
1,3-Dichlorobenzene	U		0.110	1.00	1	04/13/2025 17:18	WG2489586
1,4-Dichlorobenzene	U		0.120	1.00	1	04/13/2025 17:18	WG2489586
Dichlorodifluoromethane	U		0.374	5.00	1	04/13/2025 17:18	WG2489586
1,1-Dichloroethane	U		0.100	1.00	1	04/13/2025 17:18	WG2489586
1,2-Dichloroethane	U		0.0819	1.00	1	04/13/2025 17:18	WG2489586
1,1-Dichloroethene	U		0.188	1.00	1	04/13/2025 17:18	WG2489586
cis-1,2-Dichloroethene	U		0.126	1.00	1	04/13/2025 17:18	WG2489586
trans-1,2-Dichloroethene	U		0.149	1.00	1	04/13/2025 17:18	WG2489586
1,2-Dichloropropane	U		0.149	1.00	1	04/13/2025 17:18	WG2489586
1,1-Dichloropropene	U		0.142	1.00	1	04/13/2025 17:18	WG2489586
1,3-Dichloropropane	U		0.110	1.00	1	04/13/2025 17:18	WG2489586
cis-1,3-Dichloropropene	U	C3 J4	0.111	1.00	1	04/13/2025 17:18	WG2489586
trans-1,3-Dichloropropene	U		0.118	1.00	1	04/13/2025 17:18	WG2489586
2,2-Dichloropropane	U		0.161	1.00	1	04/13/2025 17:18	WG2489586
Di-isopropyl ether	U		0.105	1.00	1	04/13/2025 17:18	WG2489586
Ethylbenzene	U		0.137	1.00	1	04/13/2025 17:18	WG2489586
Hexachloro-1,3-butadiene	U		0.337	1.00	1	04/13/2025 17:18	WG2489586
Isopropylbenzene	U		0.105	1.00	1	04/13/2025 17:18	WG2489586
p-Isopropyltoluene	U		0.120	1.00	1	04/13/2025 17:18	WG2489586
2-Butanone (MEK)	U		1.19	10.0	1	04/13/2025 17:18	WG2489586
Methylene Chloride	U		0.430	5.00	1	04/13/2025 17:18	WG2489586
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	04/13/2025 17:18	WG2489586
Methyl tert-butyl ether	U		0.101	1.00	1	04/13/2025 17:18	WG2489586
Naphthalene	U	C3	1.00	5.00	1	04/13/2025 17:18	WG2489586
n-Propylbenzene	U		0.0993	1.00	1	04/13/2025 17:18	WG2489586
Styrene	U		0.118	1.00	1	04/13/2025 17:18	WG2489586
1,1,1,2-Tetrachloroethane	U		0.147	1.00	1	04/13/2025 17:18	WG2489586
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	04/13/2025 17:18	WG2489586
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	04/13/2025 17:18	WG2489586
Tetrachloroethene	U		0.300	1.00	1	04/13/2025 17:18	WG2489586
Toluene	U		0.278	1.00	1	04/13/2025 17:18	WG2489586
1,2,3-Trichlorobenzene	U		0.230	1.00	1	04/13/2025 17:18	WG2489586
1,2,4-Trichlorobenzene	U		0.481	1.00	1	04/13/2025 17:18	WG2489586

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
1,1,1-Trichloroethane	U		0.149	1.00	1	04/13/2025 17:18	WG2489586
1,1,2-Trichloroethane	U		0.158	1.00	1	04/13/2025 17:18	WG2489586
Trichloroethene	U		0.190	1.00	1	04/13/2025 17:18	WG2489586
Trichlorofluoromethane	U	J3	0.160	5.00	1	04/13/2025 17:18	WG2489586
1,2,3-Trichloropropane	U		0.237	2.50	1	04/13/2025 17:18	WG2489586
1,2,4-Trimethylbenzene	U		0.322	1.00	1	04/13/2025 17:18	WG2489586
1,2,3-Trimethylbenzene	U		0.104	1.00	1	04/13/2025 17:18	WG2489586
1,3,5-Trimethylbenzene	U		0.104	1.00	1	04/13/2025 17:18	WG2489586
Vinyl chloride	U		0.234	1.00	1	04/13/2025 17:18	WG2489586
Xylenes, Total	U		0.174	3.00	1	04/13/2025 17:18	WG2489586
(S) Toluene-d8	*110*			*80.0-120*		*04/13/2025 17:18*	WG2489586
(S) 4-Bromofluorobenzene	*97.7*			*77.0-126*		*04/13/2025 17:18*	WG2489586
(S) 1,2-Dichloroethane-d4	*105*			*70.0-130*		*04/13/2025 17:18*	WG2489586

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) R4198924-1 04/13/25 13:29

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

L1847545-03 Original Sample (OS) • Duplicate (DUP)

(OS) L1847545-03 04/13/25 13:29 • (DUP) R4198924-3 04/13/25 13:29

Analyte	Original Result %	DUP Result %	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Total Solids	98.7	98.6	1	0.111		10

Laboratory Control Sample (LCS)

(LCS) R4198924-2 04/13/25 13:29

Analyte	Spike Amount %	LCS Result %	LCS Rec. %	Rec. Limits %	LCS Qualifier
Total Solids	50.0	50.0	99.9	90.0-110	

Method Blank (MB)

(MB) R4198920-1 04/13/25 13:24

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

L1847545-21 Original Sample (OS) • Duplicate (DUP)

(OS) L1847545-21 04/13/25 13:24 • (DUP) R4198920-3 04/13/25 13:24

Analyte	Original Result %	DUP Result %	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Total Solids	98.0	99.4	1	1.40		10

Laboratory Control Sample (LCS)

(LCS) R4198920-2 04/13/25 13:24

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

QUALITY CONTROL SUMMARY

L1847545-01,02

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) R4199394-1 04/14/25 12:19

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

L1847545-03 Original Sample (OS) • Duplicate (DUP)

(OS) L1847545-03 04/14/25 12:37 • (DUP) R4199394-3 04/14/25 12:46

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

L1847545-13 Original Sample (OS) • Duplicate (DUP)

(OS) L1847545-13 04/14/25 14:34 • (DUP) R4199394-4 04/14/25 14:43

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) R4199394-2 04/14/25 12:28

Analyte	Spike Amount ug/kg	LCS Result ug/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Hexavalent Chromium	10000	10500	105	80.0-120	

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

(OS) L1847545-21 04/14/25 16:13 • (MS) R4199394-5 04/14/25 16:22 • (MSD) R4199394-6 04/14/25 16:31

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	20400	U	20300	19300	99.4	94.7	1	75.0-125			4.86	20

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

(OS) L1847545-21 04/14/25 16:13 • (MS) R4199394-7 04/14/25 16:40

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	661000	U	532000	80.4	50	75.0-125	

Method Blank (MB)

(MB) R4198951-1 04/13/25 19:07

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) R4198951-2 04/13/25 19:10

Analyte	Spike Amount ug/kg	LCS Result ug/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Mercury	500	492	98.3	80.0-120	

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

(OS) L1847545-21 04/13/25 19:12 • (MS) R4198951-4 04/13/25 19:17 • (MSD) R4198951-5 04/13/25 19:20

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	510	U	558	539	109	106	1	75.0-125			3.54	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) 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) R4199017-1 04/13/25 23:10

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) R4199017-2 04/13/25 23:11

Analyte	Spike Amount ug/kg	LCS Result ug/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Aluminum	1000000	962000	96.2	80.0-120	
Antimony	100000	95300	95.3	80.0-120	
Arsenic	100000	94300	94.3	80.0-120	
Barium	100000	102000	102	80.0-120	
Beryllium	100000	98200	98.2	80.0-120	
Cadmium	100000	94800	94.8	80.0-120	
Calcium	1000000	997000	99.7	80.0-120	
Chromium	100000	100000	100	80.0-120	
Cobalt	100000	94400	94.4	80.0-120	
Copper	100000	99100	99.1	80.0-120	
Iron	1000000	1020000	102	80.0-120	

Laboratory Control Sample (LCS)

(LCS) R4199017-2 04/13/25 23:11

Analyte	Spike Amount ug/kg	LCS Result ug/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Lead	100000	94900	94.9	80.0-120	
Magnesium	1000000	982000	98.2	80.0-120	
Manganese	100000	102000	102	80.0-120	
Nickel	100000	93900	93.9	80.0-120	
Potassium	1000000	952000	95.2	80.0-120	
Selenium	100000	96100	96.1	80.0-120	
Silver	20000	19400	97.2	80.0-120	
Sodium	1000000	1020000	102	80.0-120	
Thallium	100000	97700	97.7	80.0-120	
Vanadium	100000	96100	96.1	80.0-120	
Zinc	100000	96400	96.4	80.0-120	

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

(OS) L1847545-21 04/13/25 23:13 • (MS) R4199017-5 04/13/25 23:19 • (MSD) R4199017-6 04/13/25 23:21

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	1020000	439000	1350000	1400000	88.9	93.8	1	75.0-125			3.60	20
Antimony	102000	U	80600	89800	79.0	88.0	1	75.0-125			10.8	20
Arsenic	102000	U	82000	90000	80.4	88.2	1	75.0-125			9.31	20
Barium	102000	7980	96400	106000	86.7	96.0	1	75.0-125			9.38	20
Beryllium	102000	92.7	84800	92500	83.1	90.5	1	75.0-125			8.60	20
Cadmium	102000	U	81900	89600	80.3	87.9	1	75.0-125			9.06	20
Calcium	1020000	1530000	2660000	3200000	110	163	1	75.0-125		J5	18.4	20
Chromium	102000	766	87200	95200	84.7	92.6	1	75.0-125			8.73	20
Cobalt	102000	747	83100	91300	80.7	88.7	1	75.0-125			9.42	20
Copper	102000	954	87100	94900	84.4	92.1	1	75.0-125			8.68	20
Iron	1020000	3450000	3190000	2880000	0.000	0.000	1	75.0-125	J6	J6	10.4	20
Lead	102000	2100	84900	92800	81.1	88.9	1	75.0-125			8.92	20
Magnesium	1020000	276000	1180000	1230000	88.3	93.5	1	75.0-125			4.40	20
Manganese	102000	84800	138000	160000	52.6	73.9	1	75.0-125	J6	J6	14.5	20
Nickel	102000	923	83200	91100	80.6	88.4	1	75.0-125			9.08	20
Potassium	1020000	108000	939000	999000	81.4	87.3	1	75.0-125			6.20	20
Selenium	102000	U	82300	90600	80.7	88.8	1	75.0-125			9.61	20
Silver	20400	U	17100	18700	83.7	91.5	1	75.0-125			8.94	20
Sodium	1020000	U	906000	968000	88.8	94.9	1	75.0-125			6.57	20
Thallium	102000	U	85400	93000	83.7	91.1	1	75.0-125			8.48	20
Vanadium	102000	4000	86200	93400	80.6	87.7	1	75.0-125			8.01	20
Zinc	102000	6140	89400	98200	81.6	90.2	1	75.0-125			9.41	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) R4198935-3 04/13/25 10:36

Analyte	MB Result ug/kg	MB Qualifier	MB MDL ug/kg	MB RDL ug/kg
TPH (GC/FID) Low Fraction	23.8	J	21.7	100
(S) a,a,a-Trifluorotoluene(FID)	*98.1*			*77.0-120*

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

(LCS) R4198935-1 04/13/25 09:27 • (LCSD) R4198935-2 04/13/25 09:50

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 %
TPH (GC/FID) Low Fraction	5000	4860	5560	97.2	111	72.0-127			13.4	20
(S) a,a,a-Trifluorotoluene(FID)				*110*	*110*	*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) R4199021-3 04/13/25 16:08

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	1.03	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	1.28	J	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) R4199021-3 04/13/25 16:08

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	1.93	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	*99.5*			*75.0-131*
(S) 4-Bromofluorobenzene	*100*			*67.0-138*
(S) 1,2-Dichloroethane-d4	*98.8*			*70.0-130*

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

(LCS) R4199021-1 04/13/25 14:31 • (LCSD) R4199021-2 04/13/25 14:50

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	756	796	121	127	10.0-160			5.15	31
Acrylonitrile	625	707	669	113	107	45.0-153			5.52	22
Benzene	125	116	121	92.8	96.8	70.0-123			4.22	20
Bromobenzene	125	117	123	93.6	98.4	73.0-121			5.00	20
Bromodichloromethane	125	121	126	96.8	101	73.0-121			4.05	20

QUALITY CONTROL SUMMARY

L1847545-03,04,05,06,07,08,09,10,11,12,13,14,15,16,17,18,19,20,21,22

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

(LCS) R4199021-1 04/13/25 14:31 • (LCSD) R4199021-2 04/13/25 14:50

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	112	120	89.6	96.0	64.0-132			6.90	20
Bromomethane	125	108	111	86.4	88.8	56.0-147			2.74	20
n-Butylbenzene	125	116	122	92.8	97.6	68.0-135			5.04	20
sec-Butylbenzene	125	119	126	95.2	101	74.0-130			5.71	20
tert-Butylbenzene	125	118	125	94.4	100	75.0-127			5.76	20
Carbon tetrachloride	125	116	122	92.8	97.6	66.0-128			5.04	20
Chlorobenzene	125	118	120	94.4	96.0	76.0-128			1.68	20
Chlorodibromomethane	125	122	129	97.6	103	74.0-127			5.58	20
Chloroethane	125	112	118	89.6	94.4	61.0-134			5.22	20
Chloroform	125	112	114	89.6	91.2	72.0-123			1.77	20
Chloromethane	125	118	122	94.4	97.6	51.0-138			3.33	20
2-Chlorotoluene	125	125	131	100	105	75.0-124			4.69	20
4-Chlorotoluene	125	110	115	88.0	92.0	75.0-124			4.44	20
1,2-Dibromo-3-Chloropropane	125	116	116	92.8	92.8	59.0-130			0.000	20
1,2-Dibromoethane	125	123	126	98.4	101	74.0-128			2.41	20
Dibromomethane	125	122	126	97.6	101	75.0-122			3.23	20
1,2-Dichlorobenzene	125	116	121	92.8	96.8	76.0-124			4.22	20
1,3-Dichlorobenzene	125	112	120	89.6	96.0	76.0-125			6.90	20
1,4-Dichlorobenzene	125	113	117	90.4	93.6	77.0-121			3.48	20
Dichlorodifluoromethane	125	91.5	95.1	73.2	76.1	43.0-156			3.86	20
1,1-Dichloroethane	125	120	121	96.0	96.8	70.0-127			0.830	20
1,2-Dichloroethane	125	122	124	97.6	99.2	65.0-131			1.63	20
1,1-Dichloroethene	125	116	120	92.8	96.0	65.0-131			3.39	20
cis-1,2-Dichloroethene	125	123	124	98.4	99.2	73.0-125			0.810	20
trans-1,2-Dichloroethene	125	117	117	93.6	93.6	71.0-125			0.000	20
1,2-Dichloropropane	125	127	133	102	106	74.0-125			4.62	20
1,1-Dichloropropene	125	116	124	92.8	99.2	73.0-125			6.67	20
1,3-Dichloropropane	125	123	126	98.4	101	80.0-125			2.41	20
cis-1,3-Dichloropropene	125	116	123	92.8	98.4	76.0-127			5.86	20
trans-1,3-Dichloropropene	125	117	121	93.6	96.8	73.0-127			3.36	20
2,2-Dichloropropane	125	114	117	91.2	93.6	59.0-135			2.60	20
Di-isopropyl ether	125	126	129	101	103	60.0-136			2.35	20
Ethylbenzene	125	123	124	98.4	99.2	74.0-126			0.810	20
Hexachloro-1,3-butadiene	125	102	110	81.6	88.0	57.0-150			7.55	20
Isopropylbenzene	125	116	121	92.8	96.8	72.0-127			4.22	20
p-Isopropyltoluene	125	110	115	88.0	92.0	72.0-133			4.44	20
2-Butanone (MEK)	625	732	759	117	121	30.0-160			3.62	24
Methylene Chloride	125	118	128	94.4	102	68.0-123			8.13	20
4-Methyl-2-pentanone (MIBK)	625	663	667	106	107	56.0-143			0.602	20
Methyl tert-butyl ether	125	112	115	89.6	92.0	66.0-132			2.64	20

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

(LCS) R4199021-1 04/13/25 14:31 • (LCSD) R4199021-2 04/13/25 14:50

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	110	116	88.0	92.8	59.0-130			5.31	20
n-Propylbenzene	125	115	121	92.0	96.8	74.0-126			5.08	20
Styrene	125	118	120	94.4	96.0	72.0-127			1.68	20
1,1,1,2-Tetrachloroethane	125	121	123	96.8	98.4	74.0-129			1.64	20
1,1,2,2-Tetrachloroethane	125	121	125	96.8	100	68.0-128			3.25	20
1,1,2-Trichlorotrifluoroethane	125	117	120	93.6	96.0	61.0-139			2.53	20
Tetrachloroethene	125	115	121	92.0	96.8	70.0-136			5.08	20
Toluene	125	120	120	96.0	96.0	75.0-121			0.000	20
1,2,3-Trichlorobenzene	125	116	121	92.8	96.8	59.0-139			4.22	20
1,2,4-Trichlorobenzene	125	105	112	84.0	89.6	62.0-137			6.45	20
1,1,1-Trichloroethane	125	116	120	92.8	96.0	69.0-126			3.39	20
1,1,2-Trichloroethane	125	129	128	103	102	78.0-123			0.778	20
Trichloroethene	125	119	124	95.2	99.2	76.0-126			4.12	20
Trichlorofluoromethane	125	112	124	89.6	99.2	61.0-142			10.2	20
1,2,3-Trichloropropane	125	123	131	98.4	105	67.0-129			6.30	20
1,2,4-Trimethylbenzene	125	115	119	92.0	95.2	70.0-126			3.42	20
1,2,3-Trimethylbenzene	125	116	123	92.8	98.4	74.0-124			5.86	20
1,3,5-Trimethylbenzene	125	119	124	95.2	99.2	73.0-127			4.12	20
Vinyl chloride	125	113	116	90.4	92.8	63.0-134			2.62	20
Xylenes, Total	375	356	364	94.9	97.1	72.0-127			2.22	20
(S) Toluene-d8				*101*	*101*	*75.0-131*				
(S) 4-Bromofluorobenzene				*101*	*100*	*67.0-138*				
(S) 1,2-Dichloroethane-d4				*99.6*	*101*	*70.0-130*				

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

(OS) L1847545-21 04/13/25 22:33 • (MS) R4199021-4 04/13/25 23:12 • (MSD) R4199021-5 04/13/25 23:31

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	645	U	679	1430	105	221	1	10.0-160		J3 J5	70.9	40
Acrylonitrile	645	U	478	750	74.0	116	1	10.0-160		J3	44.4	40
Benzene	129	U	113	123	87.9	95.2	1	10.0-149			7.93	37
Bromobenzene	129	U	118	123	91.1	95.2	1	10.0-156			4.33	38
Bromodichloromethane	129	U	110	112	85.5	87.1	1	10.0-143			1.87	37
Bromoform	129	U	93.3	102	72.3	79.0	1	10.0-146			8.74	36
Bromomethane	129	U	68.6	31.3	53.1	24.3	1	10.0-149		J3	74.6	38
n-Butylbenzene	129	U	128	143	99.2	110	1	10.0-160			10.8	40
sec-Butylbenzene	129	U	129	137	100	106	1	10.0-159			6.25	39
tert-Butylbenzene	129	U	123	135	95.2	105	1	10.0-156			9.68	39

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

(OS) L1847545-21 04/13/25 22:33 • (MS) R4199021-4 04/13/25 23:12 • (MSD) R4199021-5 04/13/25 23:31

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	129	U	114	121	88.7	93.5	1	10.0-145			5.31	37
Chlorobenzene	129	U	115	125	89.5	96.8	1	10.0-152			7.79	39
Chlorodibromomethane	129	U	103	107	79.7	83.1	1	10.0-146			4.16	37
Chloroethane	129	U	71.7	28.8	55.6	22.3	1	10.0-146		J3	85.3	40
Chloroform	129	U	109	115	84.7	89.5	1	10.0-146			5.56	37
Chloromethane	129	U	105	99.8	81.5	77.3	1	10.0-159			5.18	37
2-Chlorotoluene	129	U	127	132	98.4	102	1	10.0-159			4.02	38
4-Chlorotoluene	129	U	113	120	87.9	92.7	1	10.0-155			5.36	39
1,2-Dibromo-3-Chloropropane	129	U	88.5	110	68.6	85.5	1	10.0-151			21.9	39
1,2-Dibromoethane	129	U	114	121	88.7	93.5	1	10.0-148			5.31	34
Dibromomethane	129	U	108	125	83.9	96.8	1	10.0-147			14.3	35
1,2-Dichlorobenzene	129	U	117	128	90.3	99.2	1	10.0-155			9.36	37
1,3-Dichlorobenzene	129	U	117	124	90.3	96.0	1	10.0-153			6.06	38
1,4-Dichlorobenzene	129	U	114	120	88.7	92.7	1	10.0-151			4.44	38
Dichlorodifluoromethane	129	U	88.8	96.2	68.9	74.6	1	10.0-160			7.98	35
1,1-Dichloroethane	129	U	113	119	87.9	91.9	1	10.0-147			4.48	37
1,2-Dichloroethane	129	U	111	127	86.3	98.4	1	10.0-148			13.1	35
1,1-Dichloroethene	129	U	117	125	90.3	96.8	1	10.0-155			6.90	37
cis-1,2-Dichloroethene	129	U	115	128	89.5	99.2	1	10.0-149			10.3	37
trans-1,2-Dichloroethene	129	U	114	117	88.7	90.3	1	10.0-150			1.80	37
1,2-Dichloropropane	129	U	129	133	100	103	1	10.0-148			3.17	37
1,1-Dichloropropene	129	U	120	132	92.7	102	1	10.0-153			9.92	35
1,3-Dichloropropane	129	U	122	125	94.4	96.8	1	10.0-154			2.53	35
cis-1,3-Dichloropropene	129	U	121	123	93.5	95.2	1	10.0-151			1.71	37
trans-1,3-Dichloropropene	129	U	115	122	89.5	94.4	1	10.0-148			5.26	37
2,2-Dichloropropane	129	U	91.6	78.7	71.0	61.0	1	10.0-138			15.2	36
Di-isopropyl ether	129	U	117	131	90.3	102	1	10.0-147			11.8	36
Ethylbenzene	129	U	125	132	96.8	102	1	10.0-160			5.67	38
Hexachloro-1,3-butadiene	129	U	110	140	85.5	109	1	10.0-160			24.1	40
Isopropylbenzene	129	U	123	131	95.2	102	1	10.0-155			6.56	38
p-Isopropyltoluene	129	U	125	126	96.8	97.6	1	10.0-160			0.830	40
2-Butanone (MEK)	645	U	452	566	70.0	87.7	1	10.0-160			22.5	40
Methylene Chloride	129	U	115	123	89.5	95.2	1	10.0-141			6.11	37
4-Methyl-2-pentanone (MIBK)	645	U	570	632	88.4	97.9	1	10.0-160			10.2	35
Methyl tert-butyl ether	129	U	97.5	112	75.6	87.1	1	11.0-147			14.2	35
Naphthalene	129	U	114	132	88.7	102	1	10.0-160			14.3	36
n-Propylbenzene	129	U	121	130	93.5	101	1	10.0-158			7.47	38
Styrene	129	U	119	126	91.9	97.6	1	10.0-160			5.96	40
1,1,1,2-Tetrachloroethane	129	U	112	120	87.1	92.7	1	10.0-149			6.28	39

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

(OS) L1847545-21 04/13/25 22:33 • (MS) R4199021-4 04/13/25 23:12 • (MSD) R4199021-5 04/13/25 23:31

Analyte	Spike Amount (dry) ug/kg	Original Result (dry) ug/kg	MS Result (dry) ug/kg	MSD Result (dry) ug/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
1,1,2,2-Tetrachloroethane	129	U	114	122	88.7	94.4	1	10.0-160			6.17	35
1,1,2-Trichlorotrifluoroethane	129	U	126	132	97.6	102	1	10.0-160			4.84	36
Tetrachloroethene	129	U	121	126	93.5	97.6	1	10.0-156			4.22	39
Toluene	129	2.58	120	128	90.7	97.2	1	10.0-156			6.72	38
1,2,3-Trichlorobenzene	129	U	126	140	97.6	109	1	10.0-160			10.9	40
1,2,4-Trichlorobenzene	129	U	119	133	91.9	103	1	10.0-160			11.6	40
1,1,1-Trichloroethane	129	U	114	118	88.7	91.1	1	10.0-144			2.69	35
1,1,2-Trichloroethane	129	U	110	127	85.5	98.4	1	10.0-160			14.0	35
Trichloroethene	129	U	120	125	92.7	96.8	1	10.0-156			4.26	38
Trichlorofluoromethane	129	U	119	112	91.9	87.1	1	10.0-160			5.41	40
1,2,3-Trichloropropane	129	U	114	120	88.7	92.7	1	10.0-156			4.44	35
1,2,4-Trimethylbenzene	129	U	117	125	90.3	96.8	1	10.0-160			6.90	36
1,2,3-Trimethylbenzene	129	U	118	125	91.1	96.8	1	10.0-160			6.01	36
1,3,5-Trimethylbenzene	129	U	121	131	93.5	102	1	10.0-160			8.26	38
Vinyl chloride	129	U	69.3	35.4	53.7	27.4	1	10.0-160		J3	64.8	37
Xylenes, Total	387	U	364	384	94.1	99.2	1	10.0-160			5.29	38
(S) Toluene-d8					*100*	*99.6*		*75.0-131*				
(S) 4-Bromofluorobenzene					*102*	*103*		*67.0-138*				
(S) 1,2-Dichloroethane-d4					*94.9*	*98.6*		*70.0-130*				

Method Blank (MB)

(MB) R4198906-3 04/13/25 11:04

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

Method Blank (MB)

(MB) R4198906-3 04/13/25 11:04

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Isopropylbenzene	U		0.105	1.00
p-Isopropyltoluene	U		0.120	1.00
2-Butanone (MEK)	U		1.19	10.0
Methylene Chloride	U		0.430	5.00
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0
Methyl tert-butyl ether	U		0.101	1.00
Naphthalene	U		1.00	5.00
n-Propylbenzene	U		0.0993	1.00
Styrene	U		0.118	1.00
1,1,1,2-Tetrachloroethane	U		0.147	1.00
1,1,2,2-Tetrachloroethane	U		0.133	1.00
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00
Tetrachloroethene	U		0.300	1.00
Toluene	U		0.278	1.00
1,2,3-Trichlorobenzene	U		0.230	1.00
1,2,4-Trichlorobenzene	U		0.481	1.00
1,1,1-Trichloroethane	U		0.149	1.00
1,1,2-Trichloroethane	U		0.158	1.00
Trichloroethene	U		0.190	1.00
Trichlorofluoromethane	U		0.160	5.00
1,2,3-Trichloropropane	U		0.237	2.50
1,2,4-Trimethylbenzene	U		0.322	1.00
1,2,3-Trimethylbenzene	U		0.104	1.00
1,3,5-Trimethylbenzene	U		0.104	1.00
Vinyl chloride	U		0.234	1.00
Xylenes, Total	U		0.174	3.00
(S) Toluene-d8	*108*			*80.0-120*
(S) 4-Bromofluorobenzene	*98.6*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*99.8*			*70.0-130*

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

(LCS) R4198906-1 04/13/25 09:29 • (LCSD) R4198906-2 04/13/25 09:53

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	25.0	22.4	21.6	89.6	86.4	19.0-160	J	J	3.64	27
Acrolein	25.0	5.19	5.07	20.8	20.3	10.0-160	J	J	2.34	26
Acrylonitrile	25.0	26.9	27.4	108	110	55.0-149			1.84	20
Benzene	5.00	4.94	5.06	98.8	101	70.0-123			2.40	20

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

(LCS) R4198906-1 04/13/25 09:29 • (LCSD) R4198906-2 04/13/25 09:53

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Bromobenzene	5.00	4.92	5.04	98.4	101	73.0-121			2.41	20
Bromodichloromethane	5.00	5.07	5.00	101	100	75.0-120			1.39	20
Bromoform	5.00	4.52	4.48	90.4	89.6	68.0-132			0.889	20
Bromomethane	5.00	4.62	4.98	92.4	99.6	10.0-160	J	J	7.50	25
n-Butylbenzene	5.00	5.07	5.09	101	102	73.0-125			0.394	20
sec-Butylbenzene	5.00	5.16	5.16	103	103	75.0-125			0.000	20
tert-Butylbenzene	5.00	4.88	4.84	97.6	96.8	76.0-124			0.823	20
Carbon tetrachloride	5.00	4.93	5.00	98.6	100	68.0-126			1.41	20
Chlorobenzene	5.00	4.98	4.80	99.6	96.0	80.0-121			3.68	20
Chlorodibromomethane	5.00	4.73	4.65	94.6	93.0	77.0-125			1.71	20
Chloroethane	5.00	6.38	7.22	128	144	47.0-150			12.4	20
Chloroform	5.00	4.96	4.92	99.2	98.4	73.0-120	J	J	0.810	20
Chloromethane	5.00	4.72	4.68	94.4	93.6	41.0-142			0.851	20
2-Chlorotoluene	5.00	4.97	5.08	99.4	102	76.0-123			2.19	20
4-Chlorotoluene	5.00	4.84	4.83	96.8	96.6	75.0-122			0.207	20
1,2-Dibromo-3-Chloropropane	5.00	4.15	4.05	83.0	81.0	58.0-134	J	J	2.44	20
1,2-Dibromoethane	5.00	4.71	4.71	94.2	94.2	80.0-122			0.000	20
Dibromomethane	5.00	4.96	5.08	99.2	102	80.0-120			2.39	20
1,2-Dichlorobenzene	5.00	4.61	4.77	92.2	95.4	79.0-121			3.41	20
1,3-Dichlorobenzene	5.00	4.62	4.59	92.4	91.8	79.0-120			0.651	20
1,4-Dichlorobenzene	5.00	4.88	4.84	97.6	96.8	79.0-120			0.823	20
Dichlorodifluoromethane	5.00	5.61	5.64	112	113	51.0-149			0.533	20
1,1-Dichloroethane	5.00	5.00	5.10	100	102	70.0-126			1.98	20
1,2-Dichloroethane	5.00	5.01	5.08	100	102	70.0-128			1.39	20
1,1-Dichloroethene	5.00	5.02	5.03	100	101	71.0-124			0.199	20
cis-1,2-Dichloroethene	5.00	4.60	4.33	92.0	86.6	73.0-120			6.05	20
trans-1,2-Dichloroethene	5.00	4.81	4.76	96.2	95.2	73.0-120			1.04	20
1,2-Dichloropropane	5.00	5.78	5.38	116	108	77.0-125			7.17	20
1,1-Dichloropropene	5.00	5.22	4.95	104	99.0	74.0-126			5.31	20
1,3-Dichloropropane	5.00	5.27	5.04	105	101	80.0-120			4.46	20
cis-1,3-Dichloropropene	5.00	3.95	4.07	79.0	81.4	80.0-123	J4		2.99	20
trans-1,3-Dichloropropene	5.00	4.15	4.08	83.0	81.6	78.0-124			1.70	20
2,2-Dichloropropane	5.00	4.04	3.98	80.8	79.6	58.0-130			1.50	20
Di-isopropyl ether	5.00	5.08	4.80	102	96.0	58.0-138			5.67	20
Ethylbenzene	5.00	4.85	4.76	97.0	95.2	79.0-123			1.87	20
Hexachloro-1,3-butadiene	5.00	4.31	5.04	86.2	101	54.0-138			15.6	20
Isopropylbenzene	5.00	4.93	4.84	98.6	96.8	76.0-127			1.84	20
p-Isopropyltoluene	5.00	4.78	4.71	95.6	94.2	76.0-125			1.48	20
2-Butanone (MEK)	25.0	26.0	24.9	104	99.6	44.0-160			4.32	20
Methylene Chloride	5.00	4.70	4.67	94.0	93.4	67.0-120	J	J	0.640	20

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

(LCS) R4198906-1 04/13/25 09:29 • (LCSD) R4198906-2 04/13/25 09:53

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
4-Methyl-2-pentanone (MIBK)	25.0	27.0	26.9	108	108	68.0-142			0.371	20
Methyl tert-butyl ether	5.00	4.45	4.47	89.0	89.4	68.0-125			0.448	20
Naphthalene	5.00	3.97	4.21	79.4	84.2	54.0-135	J	J	5.87	20
n-Propylbenzene	5.00	4.80	4.84	96.0	96.8	77.0-124			0.830	20
Styrene	5.00	4.77	4.75	95.4	95.0	73.0-130			0.420	20
1,1,1,2-Tetrachloroethane	5.00	4.71	4.77	94.2	95.4	75.0-125			1.27	20
1,1,2,2-Tetrachloroethane	5.00	4.86	4.92	97.2	98.4	65.0-130			1.23	20
1,1,2-Trichlorotrifluoroethane	5.00	4.73	4.73	94.6	94.6	69.0-132			0.000	20
Tetrachloroethene	5.00	4.65	4.84	93.0	96.8	72.0-132			4.00	20
Toluene	5.00	5.03	5.02	101	100	79.0-120			0.199	20
1,2,3-Trichlorobenzene	5.00	4.14	4.15	82.8	83.0	50.0-138			0.241	20
1,2,4-Trichlorobenzene	5.00	4.42	4.45	88.4	89.0	57.0-137			0.676	20
1,1,1-Trichloroethane	5.00	4.81	4.91	96.2	98.2	73.0-124			2.06	20
1,1,2-Trichloroethane	5.00	4.96	5.33	99.2	107	80.0-120			7.19	20
Trichloroethene	5.00	4.72	4.48	94.4	89.6	78.0-124			5.22	20
Trichlorofluoromethane	5.00	6.12	4.87	122	97.4	59.0-147		J J3	22.7	20
1,2,3-Trichloropropane	5.00	4.79	5.19	95.8	104	73.0-130			8.02	20
1,2,4-Trimethylbenzene	5.00	4.78	4.88	95.6	97.6	76.0-121			2.07	20
1,2,3-Trimethylbenzene	5.00	4.99	4.98	99.8	99.6	77.0-120			0.201	20
1,3,5-Trimethylbenzene	5.00	4.73	4.80	94.6	96.0	76.0-122			1.47	20
Vinyl chloride	5.00	6.14	6.33	123	127	67.0-131			3.05	20
Xylenes, Total	15.0	14.7	14.4	98.0	96.0	79.0-123			2.06	20
(S) Toluene-d8				*104*	*104*	*80.0-120*				
(S) 4-Bromofluorobenzene				*99.4*	*100*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*98.8*	*104*	*70.0-130*				

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) R4199026-1 04/13/25 22:42

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	ug/kg		ug/kg	ug/kg
C10-C28 Diesel Range	U		1610	4000
C28-C36 Motor Oil Range	U		274	4000
(S) o-Terphenyl	*79.7*			*18.0-148*

Laboratory Control Sample (LCS)

(LCS) R4199026-2 04/13/25 22:55

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
	ug/kg	ug/kg	%	%	
C10-C28 Diesel Range	50000	47000	94.0	50.0-150	
(S) o-Terphenyl			*76.1*	*18.0-148*	

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

(OS) L1847545-21 04/14/25 00:33 • (MS) R4199026-3 04/14/25 00:46 • (MSD) R4199026-4 04/14/25 00:58

Analyte	Spike Amount (dry)	Original Result (dry)	MS Result (dry)	MSD Result (dry)	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
	ug/kg	ug/kg	ug/kg	ug/kg	%	%		%			%	%
C10-C28 Diesel Range	49200	U	44000	40600	89.4	83.4	1	50.0-150			7.96	20
(S) o-Terphenyl					*74.9*	*72.6*		*18.0-148*				

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

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 %
(S) p-Terphenyl-d14					*69.9*	*69.5*		*10.0-120*				

Method Blank (MB)

(MB) R4199314-2 04/14/25 15:15

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) R4199314-2 04/14/25 15:15

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	*76.9*			*12.0-120*
(S) Phenol-d5	*76.0*			*10.0-120*
(S) Nitrobenzene-d5	*68.8*			*10.0-122*
(S) 2-Fluorobiphenyl	*75.1*			*15.0-120*
(S) 2,4,6-Tribromophenol	*67.7*			*10.0-127*
(S) p-Terphenyl-d14	*84.4*			*10.0-120*

Laboratory Control Sample (LCS)

(LCS) R4199314-1 04/14/25 14:54

Analyte	Spike Amount ug/kg	LCS Result ug/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Acenaphthene	666	542	81.4	38.0-120	
Acenaphthylene	666	597	89.6	40.0-120	
Anthracene	666	579	86.9	42.0-120	
Benzidine	1330	450	33.8	10.0-120	J
Benzo(a)anthracene	666	622	93.4	44.0-120	
Benzo(b)fluoranthene	666	621	93.2	43.0-120	
Benzo(k)fluoranthene	666	615	92.3	44.0-120	
Benzo(g,h,i)perylene	666	620	93.1	43.0-120	
Benzo(a)pyrene	666	627	94.1	45.0-120	
Bis(2-chlorethoxy)methane	666	407	61.1	20.0-120	
Bis(2-chloroethyl)ether	666	492	73.9	16.0-120	

Laboratory Control Sample (LCS)

(LCS) R4199314-1 04/14/25 14:54

Analyte	Spike Amount ug/kg	LCS Result ug/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
2,2-Oxybis(1-Chloropropane)	666	454	68.2	23.0-120	
4-Bromophenyl-phenylether	666	588	88.3	40.0-120	
2-Chloronaphthalene	666	503	75.5	35.0-120	
4-Chlorophenyl-phenylether	666	563	84.5	40.0-120	
Chrysene	666	600	90.1	43.0-120	
Dibenz(a,h)anthracene	666	645	96.8	44.0-120	
1,2-Dichlorobenzene	666	444	66.7	32.0-120	
1,3-Dichlorobenzene	666	425	63.8	30.0-120	
1,4-Dichlorobenzene	666	439	65.9	31.0-120	
3,3-Dichlorobenzidine	1330	1240	93.2	28.0-120	
2,4-Dinitrotoluene	666	626	94.0	45.0-120	
2,6-Dinitrotoluene	666	588	88.3	42.0-120	
Fluoranthene	666	622	93.4	44.0-120	
Fluorene	666	567	85.1	41.0-120	
Hexachlorobenzene	666	575	86.3	39.0-120	
Hexachloro-1,3-butadiene	666	356	53.5	15.0-120	
Hexachlorocyclopentadiene	666	269	40.4	15.0-120	J
Hexachloroethane	666	430	64.6	17.0-120	
Indeno(1,2,3-cd)pyrene	666	642	96.4	45.0-120	
Isophorone	666	424	63.7	23.0-120	
Naphthalene	666	393	59.0	18.0-120	
Nitrobenzene	666	404	60.7	17.0-120	
n-Nitrosodimethylamine	666	464	69.7	10.0-125	
n-Nitrosodiphenylamine	666	582	87.4	40.0-120	
n-Nitrosodi-n-propylamine	666	488	73.3	26.0-120	
Phenanthrene	666	569	85.4	42.0-120	
Benzylbutyl phthalate	666	638	95.8	40.0-120	
Bis(2-ethylhexyl)phthalate	666	661	99.2	41.0-120	
Di-n-butyl phthalate	666	656	98.5	43.0-120	
Diethyl phthalate	666	593	89.0	43.0-120	
Dimethyl phthalate	666	605	90.8	43.0-120	
Di-n-octyl phthalate	666	604	90.7	40.0-120	
Pyrene	666	613	92.0	41.0-120	
1,2,4-Trichlorobenzene	666	392	58.9	17.0-120	
4-Chloro-3-methylphenol	666	418	62.8	28.0-120	
2-Chlorophenol	666	445	66.8	28.0-120	
2,4-Dichlorophenol	666	424	63.7	25.0-120	
2,4-Dimethylphenol	666	379	56.9	15.0-120	
4,6-Dinitro-2-methylphenol	666	521	78.2	16.0-120	
2,4-Dinitrophenol	666	442	66.4	10.0-120	

Laboratory Control Sample (LCS)

(LCS) R4199314-1 04/14/25 14:54

Analyte	Spike Amount ug/kg	LCS Result ug/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
2-Nitrophenol	666	429	64.4	20.0-120	
4-Nitrophenol	666	585	87.8	27.0-120	
Pentachlorophenol	666	494	74.2	29.0-120	
Phenol	666	493	74.0	28.0-120	
2,4,6-Trichlorophenol	666	523	78.5	37.0-120	
(S) 2-Fluorophenol			*82.7*	*12.0-120*	
(S) Phenol-d5			*80.0*	*10.0-120*	
(S) Nitrobenzene-d5			*59.8*	*10.0-122*	
(S) 2-Fluorobiphenyl			*79.6*	*15.0-120*	
(S) 2,4,6-Tribromophenol			*90.1*	*10.0-127*	
(S) p-Terphenyl-d14			*93.7*	*10.0-120*	

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

(OS) L1847545-21 04/14/25 15:14 • (MS) R4199391-1 04/14/25 15:46 • (MSD) R4199391-2 04/14/25 16:17

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	667	U	397	419	59.5	63.0	1	18.0-120			5.50	32
Acenaphthylene	667	U	453	469	67.9	70.6	1	25.0-120			3.54	32
Anthracene	667	U	435	441	65.1	66.3	1	22.0-120			1.40	29
Benzidine	1340	U	624	691	46.7	52.1	1	10.0-120	J	J	10.1	40
Benzo(a)anthracene	667	U	462	479	69.3	72.1	1	25.0-120			3.68	29
Benzo(b)fluoranthene	667	U	415	438	62.2	65.8	1	19.0-122			5.26	31
Benzo(k)fluoranthene	667	U	406	423	60.9	63.7	1	23.0-120			4.18	30
Benzo(g,h,i)perylene	667	U	349	363	52.3	54.6	1	10.0-120			4.01	33
Benzo(a)pyrene	667	U	390	411	58.4	61.8	1	24.0-120			5.35	30
Bis(2-chlorethoxy)methane	667	U	301	301	45.1	45.2	1	10.0-120	J	J	0.000	34
Bis(2-chloroethyl)ether	667	U	343	342	51.4	51.4	1	10.0-120			0.298	40
2,2-Oxybis(1-Chloropropane)	667	U	356	351	53.4	52.8	1	10.0-120			1.44	40
4-Bromophenyl-phenylether	667	U	420	427	63.0	64.3	1	27.0-120			1.68	30
2-Chloronaphthalene	667	U	364	384	54.6	57.7	1	20.0-120			5.18	32
4-Chlorophenyl-phenylether	667	U	389	404	58.3	60.7	1	24.0-120			3.86	29
Chrysene	667	U	404	430	60.6	64.7	1	21.0-120			6.36	29
Dibenz(a,h)anthracene	667	U	399	414	59.8	62.3	1	10.0-120			3.76	32
1,2-Dichlorobenzene	667	U	313	304	46.9	45.7	1	10.0-120	J	J	2.98	38
1,3-Dichlorobenzene	667	U	314	302	47.1	45.4	1	10.0-120	J	J	3.97	40
1,4-Dichlorobenzene	667	U	320	314	48.0	47.2	1	10.0-120	J	J	1.93	39
3,3-Dichlorobenzidine	1340	U	945	1010	70.7	76.2	1	10.0-120			6.68	34
2,4-Dinitrotoluene	667	U	429	457	64.4	68.7	1	30.0-120			6.21	31

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

(OS) L1847545-21 04/14/25 15:14 • (MS) R4199391-1 04/14/25 15:46 • (MSD) R4199391-2 04/14/25 16:17

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	667	U	418	440	62.7	66.1	1	25.0-120			4.99	31
Fluoranthene	667	U	429	441	64.4	66.3	1	18.0-126			2.58	32
Fluorene	667	U	396	417	59.3	62.7	1	25.0-120			5.27	30
Hexachlorobenzene	667	U	359	372	53.8	56.0	1	27.0-120			3.63	28
Hexachloro-1,3-butadiene	667	U	241	239	36.1	35.9	1	10.0-120	J	J	0.851	38
Hexachlorocyclopentadiene	667	U	U	U	1.77	2.58	1	10.0-120	J J6	J J6	36.6	40
Hexachloroethane	667	U	169	185	25.4	27.8	1	10.0-120	J	J	8.65	40
Indeno(1,2,3-cd)pyrene	667	U	427	450	64.1	67.6	1	10.0-120			5.12	32
Isophorone	667	U	329	329	49.4	49.5	1	13.0-120	J	J	0.000	34
Naphthalene	667	U	288	271	43.1	40.8	1	10.0-120			5.84	35
Nitrobenzene	667	U	300	298	45.0	44.8	1	10.0-120	J	J	0.683	36
n-Nitrosodimethylamine	667	U	340	340	50.9	51.1	1	10.0-127	J	J	0.000	40
n-Nitrosodiphenylamine	667	U	425	436	63.8	65.5	1	17.0-120			2.37	29
n-Nitrosodi-n-propylamine	667	U	378	373	56.7	56.1	1	10.0-120			1.36	37
Phenanthrene	667	U	412	423	61.8	63.7	1	17.0-120			2.69	31
Benzylbutyl phthalate	667	U	551	580	82.6	87.3	1	23.0-120			5.23	30
Bis(2-ethylhexyl)phthalate	667	U	549	567	82.3	85.3	1	17.0-126			3.29	30
Di-n-butyl phthalate	667	U	483	486	72.3	73.0	1	30.0-120			0.632	29
Diethyl phthalate	667	U	475	488	71.3	73.3	1	26.0-120			2.54	28
Dimethyl phthalate	667	U	438	461	65.6	69.3	1	25.0-120			5.22	29
Di-n-octyl phthalate	667	U	566	589	84.9	88.5	1	21.0-123			3.89	29
Pyrene	667	U	429	445	64.4	66.9	1	16.0-121			3.50	32
1,2,4-Trichlorobenzene	667	U	280	282	41.9	42.3	1	12.0-120	J	J	0.727	37
4-Chloro-3-methylphenol	667	U	359	372	53.8	56.0	1	15.0-120			3.63	30
2-Chlorophenol	667	U	323	324	48.5	48.8	1	15.0-120	J	J	0.315	37
2,4-Dichlorophenol	667	U	327	338	49.1	50.8	1	20.0-120	J	J	3.07	31
2,4-Dimethylphenol	667	U	299	312	44.8	46.9	1	10.0-120	J	J	4.34	33
4,6-Dinitro-2-methylphenol	667	U	234	250	35.0	37.6	1	10.0-120	J	J	6.75	39
2,4-Dinitrophenol	667	U	187	209	28.0	31.4	1	10.0-121	J	J	11.3	40
2-Nitrophenol	667	U	314	315	47.1	47.4	1	12.0-120	J	J	0.324	39
4-Nitrophenol	667	U	460	472	69.0	71.0	1	10.0-137			2.63	32
Pentachlorophenol	667	U	325	331	48.8	49.7	1	10.0-160	J	J	1.56	31
Phenol	667	U	368	362	55.2	54.4	1	12.0-120			1.68	38
2,4,6-Trichlorophenol	667	U	404	418	60.6	62.9	1	19.0-120			3.47	32
(S) 2-Fluorophenol					*64.5*	*62.7*		*12.0-120*				
(S) Phenol-d5					*58.4*	*58.3*		*10.0-120*				
(S) Nitrobenzene-d5					*42.8*	*41.7*		*10.0-122*				
(S) 2-Fluorobiphenyl					*54.7*	*58.3*		*15.0-120*				
(S) 2,4,6-Tribromophenol					*55.5*	*53.4*		*10.0-127*				

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

(OS) L1847545-21 04/14/25 15:14 • (MS) R4199391-1 04/14/25 15:46 • (MSD) R4199391-2 04/14/25 16:17

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 %
(S) p-Terphenyl-d14					*62.4*	*64.4*		*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.
C7	The initial calibration verification standard (SSCV) associated with this data responded high.
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	LAO000356
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.

CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubfs/pas-standard-terms.pdf

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

LAB USE ONLY- Affix Workorder/Login Label Here or List Pace Workorder Number or MTJL Log-in Number Here: G243

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 _____

L1847545

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)	Analyses: 8260D - VOCs	8270E - SVOCs	8260D - TPH - GRO	8015C - TPH - DRO & ORO	6010 / 3500-Cr - TAL Metals	HCl Trip Blank				Lab Profile/Line:
GACO0412D001-C	SL	Grab	04/12/2025	0836	2	G	X	X	X	X	X	-				001
GACO0412D002-C	SL	Grab	04/12/2025	0853	2	G	X	X	X	X	X	-				002
GACO0412D003-C	SL	Grab	04/12/2025	0910	2	G	X	X	X	X	X	-				003
GACO0412D004-C	SL	Grab	04/12/2025	0923	2	G	X	X	X	X	X	-				004
GACO0412D005-C	SL	Grab	04/12/2025	0940	2	G	X	X	X	X	X	-				005
GACO0412D006-C	SL	Grab	04/12/2025	0951	2	G	X	X	X	X	X	-				006
GACO0412D007-C	SL	Grab	04/12/2025	1001	2	G	X	X	X	X	X	-				007
GACO0412D008-C	SL	Grab	04/12/2025	1016	2	G	X	X	X	X	X	-				008
GACO0412D009-C	SL	Grab	04/12/2025	1035	2	G	X	X	X	X	X	-				009
GACO0412D010-C	SL	Grab	04/12/2025	1045	2	G	X	X	X	X	X	-				010
GACO0412C010-C	SL	Grab	04/12/2025	1049	2	G	X	X	X	X	X	-				011
GACO0412D011-C	SL	Grab	04/12/2025	1106	2	G	X	X	X	X	X	-				012
GACO0412D012-C	SL	Grab	04/12/2025	1120	2	G	X	X	X	X	X	-				013

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	MTJL LAB USE ONLY Table #:
Relinquished by/Company: (Signature)	Date/Time: 4/12/25 1800	Received by/Company: (Signature) SWA	Date/Time:	Acctnum: Template:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time: 4/13/25 1015	PM: PB:

Trip Blank Received: Y N NA
HCL MeOH TSP Other

Non Conformance(s): YES / NO

Page: 1 of: 2

CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical®

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubfs/pas-standard-terms.pdf
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LAB USE ONLY- Affix Workorder/Login Label Here or List Pace Workorder Number or MTJL Log-in Number Here

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):	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 _____ L1847545

* 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:
GACO0412D013-C	SL	Grab	04/12/2025	1131	2	G	X	X	X	X	X	-					14
GACO0412D014-C	SL	Grab	04/12/2025	1135	2	G	X	X	X	X	X	-					15
GACO0412D015-C	SL	Grab	04/12/2025	1145	2	G	X	X	X	X	X	-					16
GACO0412D016-C	SL	Grab	04/12/2025	1200	2	G	X	X	X	X	X	-					17
GACO0412D017-C	SL	Grab	04/12/2025	1209	2	G	X	X	X	X	X	-					18
GACO0412D018-C	SL	Grab	04/12/2025	1217	2	G	X	X	X	X	X	-					19
GACO0412D019-C	SL	Grab	04/12/2025	1237	2	G	X	X	X	X	X	-					20
GACO0412D020-C	SL	Grab	04/12/2025	1252	2	G	X	X	X	X	X	-					21
GACO0412C020-C	SL	Grab	04/12/2025	1258	2	G	X	X	X	X	X	-					22
GACO0412D020MS-C	SL	Grab	04/12/2025	1302	2	G	X	X	X	X	X	-					22
GACO0412D020MSD-C	SL	Grab	04/12/2025	1310	2	G	X	X	X	X	X	-					22
GACO0412T001-C	OT	Grab	04/12/2025	1525	1	G	-	-	-	-	-	X					23

LH 04-12-25

Analyses

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:

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:
	04-12-25 1650		04/12/25 1650
	04/12/25 1650		
			4/13/25 1015

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: 2 of: 2

Multiple Parcel Form L# L184 7545

Parcel Tracking Number	Infrared Thermometer ID	Temperature Reading (°C)	Correction Factor (°C)	Corrected Temperature (°C)	Custody Seal Intact
	NA9	2.1	+0.4	2.5	Yes / No / Not Present
	NA4	0.3	+0.4	0.7	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

Robert Rountree
Name

4/13/25
Date

CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubfs/pas-standard-terms.pdf

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

LAB USE ONLY- Affix Workorder/Login Label Here or List Pace Workorder Number or MTJL Log-in Number Here: G243

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 #:
Collected By (print): L. Howes	Purchase Order # : Quote #:
Collected By (signature):	Turnaround Date Required:
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

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: L1847545

Compliance Monitoring? [ ] Yes [ ] No

DW PWS ID #:

DW Location Code:

Immediately Packed on Ice: [X] Yes [ ] No

Field Filtered (if applicable): [ ] Yes [ ] No

Analysis: _____

* 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-C	SL	Grab	04/12/2025	0836	2	G	X	X	X	X	X	-	01
GACO0412D002-C	SL	Grab	04/12/2025	0853	2	G	X	X	X	X	X	-	02
GACO0412D003-C	SL	Grab	04/12/2025	0910	2	G	X	X	X	X	X	-	03
GACO0412D004-C	SL	Grab	04/12/2025	0923	2	G	X	X	X	X	X	-	04
GACO0412D005-C	SL	Grab	04/12/2025	0940	2	G	X	X	X	X	X	-	05
GACO0412D006-C	SL	Grab	04/12/2025	0951	2	G	X	X	X	X	X	-	06
GACO0412D007-C	SL	Grab	04/12/2025	1001	2	G	X	X	X	X	X	-	07
GACO0412D008-C	SL	Grab	04/12/2025	1016	2	G	X	X	X	X	X	-	08
GACO0412D009-C	SL	Grab	04/12/2025	1035	2	G	X	X	X	X	X	-	09
GACO0412D010-C	SL	Grab	04/12/2025	1045	2	G	X	X	X	X	X	-	10
GACO0412C010-C	SL	Grab	04/12/2025	1049	2	G	X	X	X	X	X	-	11
GACO0412D011-C	SL	Grab	04/12/2025	1106	2	G	X	X	X	X	X	-	12
GACO0412D012-C	SL	Grab	04/12/2025	1120	2	G	X	X	X	X	X	-	13

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) 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 1800	Received by/Company: (Signature) SWA	Date/Time:	Acctnum: Template:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time: 4/13/25 1015	PM: PB:

Trip Blank Received: Y N NA
HCl MeOH TSP Other

Non Conformance(s): YES / NO

CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubfs/pas-standard-terms.pdf
Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

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

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):	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 _____ L1847545

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 Profile/Line:
GACO0412D013-C	SL	Grab	04/12/2025	1131	2	G	X	X	X	X	X	-	14
GACO0412D014-C	SL	Grab	04/12/2025	1135	2	G	X	X	X	X	X	-	15
GACO0412D015-C	SL	Grab	04/12/2025	1145	2	G	X	X	X	X	X	-	16
GACO0412D016-C	SL	Grab	04/12/2025	1200	2	G	X	X	X	X	X	-	17
GACO0412D017-C	SL	Grab	04/12/2025	1209	2	G	X	X	X	X	X	-	18
GACO0412D018-C	SL	Grab	04/12/2025	1217	2	G	X	X	X	X	X	-	19
GACO0412D019-C	SL	Grab	04/12/2025	1237	2	G	X	X	X	X	X	-	20
GACO0412D020-C	SL	Grab	04/12/2025	1252	2	G	X	X	X	X	X	-	21
GACO0412C020-C	SL	Grab	04/12/2025	1258	2	G	X	X	X	X	X	-	22
GACO0412D020MS-C	SL	Grab	04/12/2025	1302	2	G	X	X	X	X	X	-	22
GACO0412D020MSD-C	SL	Grab	04/12/2025	1310	2	G	X	X	X	X	X	-	22
GACO0412T001-C	OT	Grab	04/12/2025	1525	1	G	-	-	-	-	-	X	23

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

Trip Blank Received: Y N NA
HCl MeOH TSP Other

Non Conformance(s): YES / NO

Multiple Parcel Form

L# L184 7545

Parcel Tracking Number	Infrared Thermometer ID	Temperature Reading (°C)	Correction Factor (°C)	Corrected Temperature (°C)	Custody Seal Intact
	NA9	2.1	+0.4	2.5	(Yes) / No / Not Present
	NA4	0.3	+0.4	0.7	(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

Robert Ramstrom
Name

4/13/25
Date