ANALYTICAL REPORT

May 28, 2025

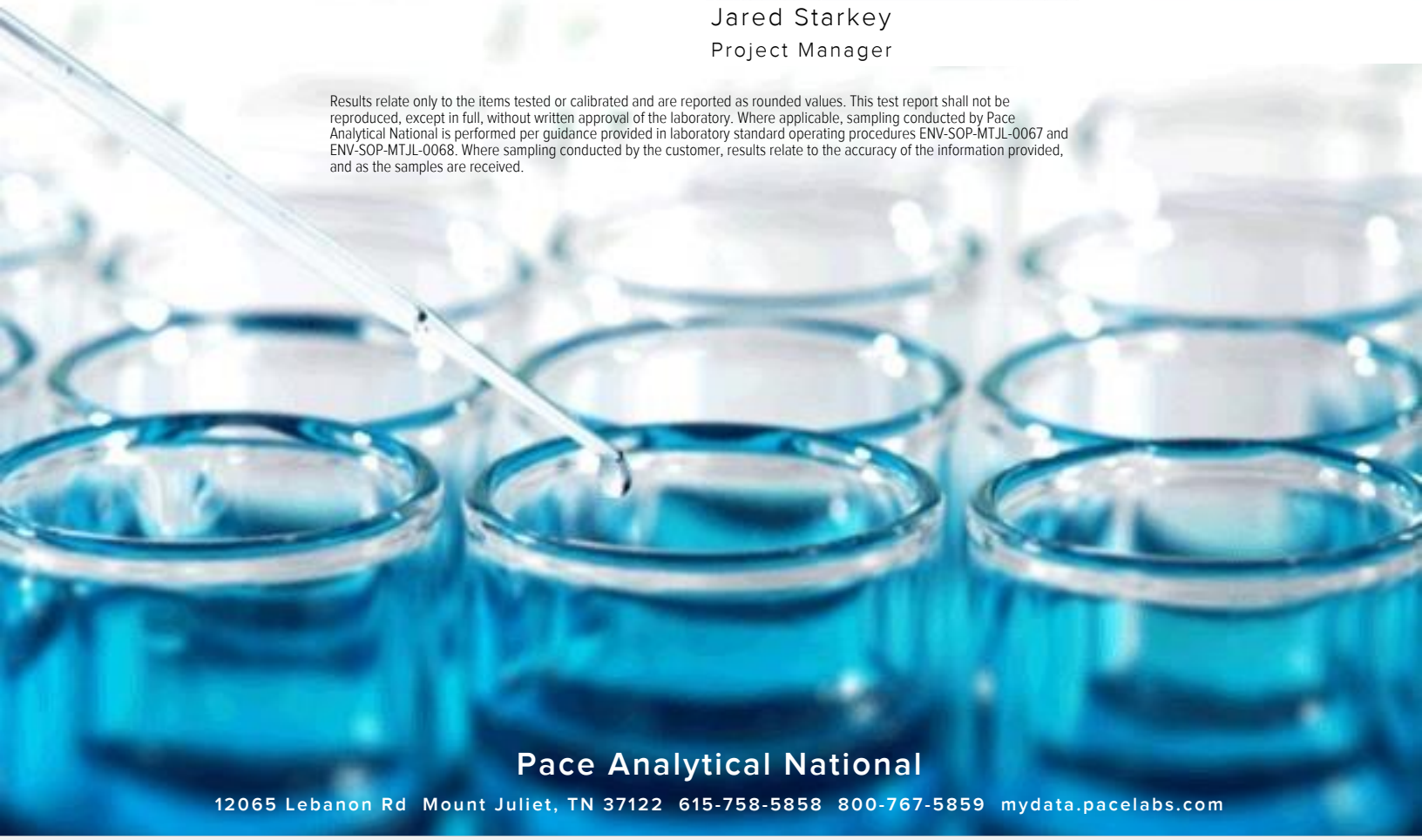
Pace Analytical Services, LLC
2025.05.28 18:15:39 -05'00'
Document is certified

CTEH - ER

Sample Delivery Group:	L1861761
Samples Received:	05/22/2025
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

GACO0521T017CRS006 L1861761-01

Collected by | Collected date/time 05/21/25 10:15 | Received date/time 05/22/25 12:20

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2521415	1	05/22/25 17:45	05/23/25 20:49	CAT	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG2521275	1	05/22/25 16:47	05/22/25 17:11	KDW	Mt. Juliet, TN
Wet Chemistry by Method 350.1	WG2521801	1	05/23/25 13:46	05/24/25 18:23	RTW	Mt. Juliet, TN
Wet Chemistry by Method 4500NOrg D-2021	WG2521605	5	05/22/25 22:18	05/23/25 20:49	CAT	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2521415	1	05/22/25 17:45	05/23/25 08:43	ZSA	Mt. Juliet, TN
Wet Chemistry by Method WALKLEY-BLACK	WG2521494	8	05/22/25 16:38	05/23/25 12:17	PAN	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2521444	1	05/22/25 16:13	05/23/25 09:12	JTM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2521546	1	05/22/25 15:29	05/22/25 20:03	ADM	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2521382	1	05/22/25 16:13	05/22/25 23:13	JTO	Mt. Juliet, TN

GACO0521T017CRS007 L1861761-02

Collected by | Collected date/time 05/21/25 10:25 | Received date/time 05/22/25 12:20

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2521415	1	05/22/25 17:45	05/23/25 20:51	CAT	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG2521275	1	05/22/25 16:47	05/22/25 17:11	KDW	Mt. Juliet, TN
Wet Chemistry by Method 350.1	WG2521801	1	05/23/25 13:46	05/24/25 18:25	RTW	Mt. Juliet, TN
Wet Chemistry by Method 4500NOrg D-2021	WG2521605	5	05/22/25 22:18	05/23/25 20:51	CAT	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2521415	1	05/22/25 17:45	05/23/25 08:57	ZSA	Mt. Juliet, TN
Wet Chemistry by Method WALKLEY-BLACK	WG2521494	5	05/22/25 16:38	05/23/25 12:17	PAN	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2521444	1	05/22/25 16:13	05/23/25 09:13	JTM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2521546	1	05/22/25 15:29	05/22/25 20:22	ADM	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2521382	1	05/22/25 16:13	05/22/25 23:33	JTO	Mt. Juliet, TN

GACO0521T017CRS008 L1861761-03

Collected by | Collected date/time 05/21/25 10:40 | Received date/time 05/22/25 12:20

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2521415	1	05/22/25 17:45	05/23/25 20:51	CAT	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG2521275	1	05/22/25 16:47	05/22/25 17:11	KDW	Mt. Juliet, TN
Wet Chemistry by Method 350.1	WG2521801	1	05/23/25 13:46	05/24/25 18:26	RTW	Mt. Juliet, TN
Wet Chemistry by Method 4500NOrg D-2021	WG2521605	5	05/22/25 22:18	05/23/25 20:51	CAT	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2521415	1	05/22/25 17:45	05/23/25 09:10	ZSA	Mt. Juliet, TN
Wet Chemistry by Method WALKLEY-BLACK	WG2521494	5	05/22/25 16:38	05/23/25 12:18	PAN	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2521444	1	05/22/25 16:13	05/23/25 09:15	JTM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2521546	1	05/22/25 15:29	05/22/25 20:41	ADM	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2521382	1	05/22/25 16:13	05/23/25 03:18	JTO	Mt. Juliet, TN

GACO0521T017CRS009 L1861761-04

Collected by | Collected date/time 05/21/25 10:55 | Received date/time 05/22/25 12:20

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2521415	1	05/22/25 17:45	05/23/25 20:52	CAT	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG2521275	1	05/22/25 16:47	05/22/25 17:11	KDW	Mt. Juliet, TN
Wet Chemistry by Method 350.1	WG2521801	1	05/23/25 13:46	05/24/25 18:28	RTW	Mt. Juliet, TN
Wet Chemistry by Method 4500NOrg D-2021	WG2521605	5	05/22/25 22:18	05/23/25 20:52	CAT	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2521415	1	05/22/25 17:45	05/23/25 09:24	ZSA	Mt. Juliet, TN
Wet Chemistry by Method WALKLEY-BLACK	WG2521494	5	05/22/25 16:38	05/23/25 12:18	PAN	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2521444	1	05/22/25 16:13	05/23/25 09:17	JTM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2521546	1	05/22/25 15:29	05/22/25 21:00	ADM	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2521431	1	05/22/25 18:30	05/23/25 03:28	JTO	Mt. Juliet, TN

GACO0521T017CRS010 L1861761-05

Collected by | Collected date/time 05/21/25 11:10 | Received date/time 05/22/25 12:20

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2521415	1	05/22/25 17:45	05/23/25 20:54	CAT	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG2521275	1	05/22/25 16:47	05/22/25 17:11	KDW	Mt. Juliet, TN
Wet Chemistry by Method 350.1	WG2521801	1	05/23/25 13:46	05/24/25 18:29	RTW	Mt. Juliet, TN
Wet Chemistry by Method 4500NOrg D-2021	WG2521605	5	05/22/25 22:18	05/23/25 20:54	CAT	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2521415	1	05/22/25 17:45	05/23/25 09:37	ZSA	Mt. Juliet, TN
Wet Chemistry by Method WALKLEY-BLACK	WG2521494	10	05/22/25 16:38	05/23/25 12:18	PAN	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2521444	1	05/22/25 16:13	05/23/25 08:50	JTM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2521546	1	05/22/25 15:29	05/22/25 21:19	ADM	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2521431	2	05/22/25 18:30	05/23/25 06:58	JTO	Mt. Juliet, TN

GACO0521T017CRT002 L1861761-06

Collected by | Collected date/time 05/21/25 07:00 | Received date/time 05/22/25 12:20

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2521686	1	05/23/25 03:19	05/23/25 03:19	ADM	Mt. Juliet, TN

GACO0521T017CRS011 L1861761-07

Collected by | Collected date/time 05/21/25 10:15 | Received date/time 05/22/25 12:20

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2521415	1	05/22/25 17:45	05/23/25 20:59	CAT	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG2521275	1	05/22/25 16:47	05/22/25 17:11	KDW	Mt. Juliet, TN
Wet Chemistry by Method 350.1	WG2521801	1	05/23/25 13:46	05/24/25 18:34	RTW	Mt. Juliet, TN
Wet Chemistry by Method 4500NOrg D-2021	WG2521605	5	05/22/25 22:18	05/23/25 20:59	CAT	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2521415	1	05/22/25 17:45	05/23/25 10:18	ZSA	Mt. Juliet, TN
Wet Chemistry by Method WALKLEY-BLACK	WG2521494	10	05/22/25 16:38	05/23/25 12:20	PAN	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2521444	1	05/22/25 16:13	05/23/25 09:18	JTM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2521546	1	05/22/25 15:29	05/22/25 21:38	ADM	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2521431	1	05/22/25 18:30	05/23/25 03:49	JTO	Mt. Juliet, TN

GACO0521T017CRS012 L1861761-08

Collected by | Collected date/time 05/21/25 10:30 | Received date/time 05/22/25 12:20

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2521415	1	05/22/25 17:45	05/23/25 21:00	CAT	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG2521275	1	05/22/25 16:47	05/22/25 17:11	KDW	Mt. Juliet, TN
Wet Chemistry by Method 350.1	WG2521801	1	05/23/25 13:46	05/24/25 18:35	RTW	Mt. Juliet, TN
Wet Chemistry by Method 4500NOrg D-2021	WG2521605	5	05/22/25 22:18	05/23/25 21:00	CAT	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2521415	1	05/22/25 17:45	05/23/25 10:31	ZSA	Mt. Juliet, TN
Wet Chemistry by Method WALKLEY-BLACK	WG2521494	9	05/22/25 16:38	05/23/25 12:20	PAN	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2521444	1	05/22/25 16:13	05/23/25 09:20	JTM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2521546	1	05/22/25 15:29	05/22/25 21:57	ADM	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2521431	1	05/22/25 18:30	05/23/25 04:10	JTO	Mt. Juliet, TN

GACO0521T017CRS013 L1861761-09

Collected by | Collected date/time 05/21/25 10:45 | Received date/time 05/22/25 12:20

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2521415	1	05/22/25 17:45	05/23/25 21:01	CAT	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG2521275	1	05/22/25 16:47	05/22/25 17:11	KDW	Mt. Juliet, TN
Wet Chemistry by Method 350.1	WG2521801	1	05/23/25 13:46	05/24/25 18:37	RTW	Mt. Juliet, TN
Wet Chemistry by Method 4500NOrg D-2021	WG2521605	5	05/22/25 22:18	05/23/25 21:01	CAT	Mt. Juliet, TN

GACO0521T017CRS013 L1861761-09

Collected by | Collected date/time 05/21/25 10:45 | Received date/time 05/22/25 12:20

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG2521415	1	05/22/25 17:45	05/23/25 10:45	ZSA	Mt. Juliet, TN
Wet Chemistry by Method WALKLEY-BLACK	WG2521494	10	05/22/25 16:38	05/23/25 12:22	PAN	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2521444	1	05/22/25 16:13	05/23/25 09:22	JTM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2521546	1	05/22/25 15:29	05/22/25 22:16	ADM	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2521431	1	05/22/25 18:30	05/23/25 04:07	JTO	Mt. Juliet, TN

GACO0521T017CRC013 L1861761-10

Collected by | Collected date/time 05/21/25 10:45 | Received date/time 05/22/25 12:20

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2521477	1	05/22/25 17:55	05/24/25 14:20	AEC	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG2521276	1	05/22/25 15:31	05/22/25 15:51	KDW	Mt. Juliet, TN
Wet Chemistry by Method 350.1	WG2521801	1	05/23/25 13:46	05/24/25 18:43	RTW	Mt. Juliet, TN
Wet Chemistry by Method 4500NOrg D-2021	WG2521790	5	05/23/25 09:34	05/24/25 14:20	AEC	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2521477	1	05/22/25 17:55	05/23/25 07:29	ZSA	Mt. Juliet, TN
Wet Chemistry by Method WALKLEY-BLACK	WG2521494	10	05/22/25 16:38	05/23/25 12:23	PAN	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2521444	1	05/22/25 16:13	05/23/25 09:27	JTM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2521546	1	05/22/25 15:29	05/22/25 22:35	ADM	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2521431	2	05/22/25 18:30	05/23/25 06:12	JTO	Mt. Juliet, TN

GACO0521T017CRS014 L1861761-11

Collected by | Collected date/time 05/21/25 11:10 | Received date/time 05/22/25 12:20

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2521477	1	05/22/25 17:55	05/24/25 14:23	AEC	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG2521276	1	05/22/25 15:31	05/22/25 15:51	KDW	Mt. Juliet, TN
Wet Chemistry by Method 350.1	WG2521801	1	05/23/25 13:46	05/24/25 18:44	RTW	Mt. Juliet, TN
Wet Chemistry by Method 4500NOrg D-2021	WG2521790	5	05/23/25 09:34	05/24/25 14:23	AEC	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2521477	1	05/22/25 17:55	05/23/25 07:45	ZSA	Mt. Juliet, TN
Wet Chemistry by Method WALKLEY-BLACK	WG2521494	9	05/22/25 16:38	05/23/25 12:23	PAN	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2521444	1	05/22/25 16:13	05/23/25 09:28	JTM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2521546	1	05/22/25 15:29	05/22/25 22:55	ADM	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2521431	1	05/22/25 18:30	05/23/25 03:06	JTO	Mt. Juliet, TN

GACO0521T017CRT003 L1861761-12

Collected by | Collected date/time 05/21/25 07:00 | Received date/time 05/22/25 12:20

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2521686	1	05/23/25 03:39	05/23/25 03:39	ADM	Mt. Juliet, TN

GACO0521T017CRS015 L1861761-13

Collected by | Collected date/time 05/21/25 10:15 | Received date/time 05/22/25 12:20

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2521477	1	05/22/25 17:55	05/24/25 14:25	AEC	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG2521276	1	05/22/25 15:31	05/22/25 15:51	KDW	Mt. Juliet, TN
Wet Chemistry by Method 350.1	WG2521801	1	05/23/25 13:46	05/24/25 18:46	RTW	Mt. Juliet, TN
Wet Chemistry by Method 4500NOrg D-2021	WG2521790	5	05/23/25 09:34	05/24/25 14:25	AEC	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2521477	1	05/22/25 17:55	05/23/25 08:01	ZSA	Mt. Juliet, TN
Wet Chemistry by Method WALKLEY-BLACK	WG2521494	8	05/22/25 16:38	05/23/25 12:23	PAN	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2521444	1	05/22/25 16:13	05/23/25 09:30	JTM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2521546	1	05/22/25 15:29	05/22/25 23:14	ADM	Mt. Juliet, TN

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

GACO0521T017CRS015 L1861761-13

Collected by | Collected date/time 05/21/25 10:15 | Received date/time 05/22/25 12:20

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2521431	1	05/22/25 18:30	05/23/25 04:52	JTO	Mt. Juliet, TN

GACO0521T017CRS016 L1861761-14

Collected by | Collected date/time 05/21/25 10:20 | Received date/time 05/22/25 12:20

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2521477	1	05/22/25 17:55	05/24/25 14:25	AEC	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG2521276	1	05/22/25 15:31	05/22/25 15:51	KDW	Mt. Juliet, TN
Wet Chemistry by Method 350.1	WG2521801	1	05/23/25 13:46	05/24/25 18:47	RTW	Mt. Juliet, TN
Wet Chemistry by Method 4500NOrg D-2021	WG2521790	5	05/23/25 09:34	05/24/25 14:25	AEC	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2521477	1	05/22/25 17:55	05/23/25 08:17	ZSA	Mt. Juliet, TN
Wet Chemistry by Method WALKLEY-BLACK	WG2521494	9	05/22/25 16:38	05/23/25 12:23	PAN	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2521444	1	05/22/25 16:13	05/23/25 09:32	JTM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2521546	1	05/22/25 15:29	05/22/25 23:33	ADM	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2521431	2	05/22/25 18:30	05/23/25 05:51	JTO	Mt. Juliet, TN

GACO0521T017CRS017 L1861761-15

Collected by | Collected date/time 05/21/25 10:45 | Received date/time 05/22/25 12:20

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2521477	1	05/22/25 17:55	05/24/25 14:28	AEC	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG2521276	1	05/22/25 15:31	05/22/25 15:51	KDW	Mt. Juliet, TN
Wet Chemistry by Method 350.1	WG2521801	1	05/23/25 13:46	05/24/25 18:49	RTW	Mt. Juliet, TN
Wet Chemistry by Method 4500NOrg D-2021	WG2521790	5	05/23/25 09:34	05/24/25 14:28	AEC	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2521477	1	05/22/25 17:55	05/23/25 08:38	ZSA	Mt. Juliet, TN
Wet Chemistry by Method WALKLEY-BLACK	WG2521494	5	05/22/25 16:38	05/23/25 12:23	PAN	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2521444	1	05/22/25 16:13	05/23/25 09:33	JTM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2521546	1	05/22/25 15:29	05/22/25 23:52	ADM	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2521431	1	05/22/25 18:30	05/23/25 05:34	JTO	Mt. Juliet, TN

GACO0521T017CRS018 L1861761-16

Collected by | Collected date/time 05/21/25 10:50 | Received date/time 05/22/25 12:20

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2521477	1	05/22/25 17:55	05/24/25 14:29	AEC	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG2521276	1	05/22/25 15:31	05/22/25 15:51	KDW	Mt. Juliet, TN
Wet Chemistry by Method 350.1	WG2521801	1	05/23/25 13:46	05/24/25 18:50	RTW	Mt. Juliet, TN
Wet Chemistry by Method 4500NOrg D-2021	WG2521790	5	05/23/25 09:34	05/24/25 14:29	AEC	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2521477	1	05/22/25 17:55	05/23/25 08:54	ZSA	Mt. Juliet, TN
Wet Chemistry by Method WALKLEY-BLACK	WG2521494	10	05/22/25 16:38	05/23/25 12:24	PAN	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2521444	1	05/22/25 16:13	05/23/25 09:35	JTM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2521546	1	05/22/25 15:29	05/23/25 00:11	ADM	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2521431	1	05/22/25 18:30	05/23/25 05:55	JTO	Mt. Juliet, TN

GACO0521T017CRS019 L1861761-17

Collected by | Collected date/time 05/21/25 11:15 | Received date/time 05/22/25 12:20

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
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Total Solids by Method 2540 G-2011	WG2521276	1	05/22/25 15:31	05/22/25 15:51	KDW	Mt. Juliet, TN
Wet Chemistry by Method 350.1	WG2521802	1	05/23/25 14:39	05/24/25 19:12	RTW	Mt. Juliet, TN
Wet Chemistry by Method 4500NOrg D-2021	WG2521790	5	05/23/25 09:34	05/24/25 14:33	AEC	Mt. Juliet, TN

GACO0521T017CRS019 L1861761-17

Collected by | Collected date/time 05/21/25 11:15 | Received date/time 05/22/25 12:20

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG2521477	1	05/22/25 17:55	05/23/25 09:10	ZSA	Mt. Juliet, TN
Wet Chemistry by Method WALKLEY-BLACK	WG2521491	4	05/22/25 16:39	05/23/25 14:37	JAS	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2521461	1	05/22/25 16:28	05/23/25 09:00	RLS	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2521546	1	05/22/25 15:29	05/23/25 00:30	ADM	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2521431	1	05/22/25 18:30	05/23/25 04:31	JTO	Mt. Juliet, TN

GACO0521T017CRT004 L1861761-18

Collected by | Collected date/time 05/21/25 07:00 | Received date/time 05/22/25 12:20

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2521686	1	05/23/25 04:00	05/23/25 04:00	ADM	Mt. Juliet, TN

GACO0521T017CRS001 L1861761-19

Collected by | Collected date/time 05/21/25 10:15 | Received date/time 05/23/25 13:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2522313	1	05/24/25 08:08	05/25/25 11:36	CAT	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG2522200	1	05/23/25 14:39	05/23/25 14:49	KDW	Mt. Juliet, TN
Wet Chemistry by Method 350.1	WG2522569	1	05/24/25 12:03	05/25/25 02:23	RTW	Mt. Juliet, TN
Wet Chemistry by Method 4500NOrg D-2021	WG2522563	5	05/24/25 09:46	05/27/25 20:21	CAT	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2522313	1	05/24/25 08:08	05/25/25 02:43	ZSA	Mt. Juliet, TN
Wet Chemistry by Method WALKLEY-BLACK	WG2522541	10	05/26/25 10:12	05/26/25 15:21	JEG	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2522422	1	05/23/25 18:43	05/24/25 09:13	RLS	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2522345	1	05/21/25 10:15	05/24/25 11:26	JAH	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2522425	2	05/23/25 21:43	05/24/25 11:05	LS	Mt. Juliet, TN

GACO0521T017CRS002 L1861761-20

Collected by | Collected date/time 05/21/25 10:40 | Received date/time 05/23/25 13:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2522313	1	05/24/25 08:08	05/27/25 20:22	CAT	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG2522200	1	05/23/25 14:39	05/23/25 14:49	KDW	Mt. Juliet, TN
Wet Chemistry by Method 350.1	WG2522569	1	05/24/25 12:03	05/25/25 02:26	RTW	Mt. Juliet, TN
Wet Chemistry by Method 4500NOrg D-2021	WG2522563	5	05/24/25 09:46	05/27/25 20:22	CAT	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2522313	1	05/24/25 08:08	05/25/25 02:56	ZSA	Mt. Juliet, TN
Wet Chemistry by Method WALKLEY-BLACK	WG2522541	10	05/26/25 10:12	05/26/25 15:21	JEG	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2522422	1	05/23/25 18:43	05/24/25 09:14	RLS	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2522345	1	05/21/25 10:40	05/24/25 11:47	JAH	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2522425	2	05/23/25 21:43	05/24/25 11:26	LS	Mt. Juliet, TN

GACO0521T017CRS003 L1861761-21

Collected by | Collected date/time 05/21/25 11:00 | Received date/time 05/23/25 13:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2522313	1	05/24/25 08:08	05/27/25 20:24	CAT	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG2522200	1	05/23/25 14:39	05/23/25 14:49	KDW	Mt. Juliet, TN
Wet Chemistry by Method 350.1	WG2522569	1	05/24/25 12:03	05/25/25 02:27	RTW	Mt. Juliet, TN
Wet Chemistry by Method 4500NOrg D-2021	WG2522563	5	05/24/25 09:46	05/27/25 20:24	CAT	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2522313	1	05/24/25 08:08	05/25/25 03:09	ZSA	Mt. Juliet, TN
Wet Chemistry by Method WALKLEY-BLACK	WG2522541	10	05/26/25 10:12	05/26/25 15:21	JEG	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2522422	1	05/23/25 18:43	05/24/25 09:16	RLS	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2522345	1	05/21/25 11:00	05/24/25 12:08	JAH	Mt. Juliet, TN

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

GACO0521T017CRS003 L1861761-21

Collected by	Collected date/time	Received date/time
	05/21/25 11:00	05/23/25 13:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2522425	2	05/23/25 21:43	05/24/25 11:47	LS	Mt. Juliet, TN

GACO0521T017CRS004 L1861761-22

Collected by	Collected date/time	Received date/time
	05/21/25 11:30	05/23/25 13:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2522313	1	05/24/25 08:08	05/27/25 20:24	CAT	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG2522200	1	05/23/25 14:39	05/23/25 14:49	KDW	Mt. Juliet, TN
Wet Chemistry by Method 350.1	WG2522569	1	05/24/25 12:03	05/25/25 02:29	RTW	Mt. Juliet, TN
Wet Chemistry by Method 4500NOrg D-2021	WG2522563	5	05/24/25 09:46	05/27/25 20:24	CAT	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2522313	1	05/24/25 08:08	05/25/25 03:21	ZSA	Mt. Juliet, TN
Wet Chemistry by Method WALKLEY-BLACK	WG2522541	10	05/26/25 10:12	05/26/25 15:22	JEG	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2522422	1	05/23/25 18:43	05/24/25 09:21	RLS	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2522345	1	05/21/25 11:30	05/24/25 12:28	JAH	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2522425	2	05/23/25 21:43	05/24/25 12:08	LS	Mt. Juliet, TN

GACO0521T017CRS005 L1861761-23

Collected by	Collected date/time	Received date/time
	05/21/25 11:45	05/23/25 13:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2522313	1	05/24/25 08:08	05/27/25 20:26	CAT	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG2522200	1	05/23/25 14:39	05/23/25 14:49	KDW	Mt. Juliet, TN
Wet Chemistry by Method 350.1	WG2522569	1	05/24/25 12:03	05/25/25 02:30	RTW	Mt. Juliet, TN
Wet Chemistry by Method 4500NOrg D-2021	WG2522563	5	05/24/25 09:46	05/27/25 20:26	CAT	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2522313	1	05/24/25 08:08	05/25/25 03:34	ZSA	Mt. Juliet, TN
Wet Chemistry by Method WALKLEY-BLACK	WG2522541	10	05/26/25 10:12	05/26/25 15:22	JEG	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2522422	1	05/23/25 18:43	05/24/25 09:23	RLS	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2522345	1	05/21/25 11:45	05/24/25 12:49	JAH	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2522425	2	05/23/25 21:43	05/24/25 12:29	LS	Mt. Juliet, TN

GACO0521T017CRC005 L1861761-24

Collected by	Collected date/time	Received date/time
	05/21/25 11:45	05/23/25 13:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2522394	1	05/24/25 09:54	05/27/25 20:27	CAT	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG2522200	1	05/23/25 14:39	05/23/25 14:49	KDW	Mt. Juliet, TN
Wet Chemistry by Method 350.1	WG2522569	1	05/24/25 12:03	05/25/25 02:32	RTW	Mt. Juliet, TN
Wet Chemistry by Method 4500NOrg D-2021	WG2522563	5	05/24/25 09:46	05/27/25 20:27	CAT	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2522394	1	05/24/25 09:54	05/24/25 22:48	ZSA	Mt. Juliet, TN
Wet Chemistry by Method WALKLEY-BLACK	WG2522541	5	05/26/25 10:12	05/26/25 15:24	JEG	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2522422	1	05/23/25 18:43	05/24/25 09:25	RLS	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2522345	1	05/21/25 11:45	05/24/25 13:09	JAH	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2522425	2	05/23/25 21:43	05/24/25 12:49	LS	Mt. Juliet, TN

GACO0521T017CRT001 L1861761-25

Collected by	Collected date/time	Received date/time
	05/21/25 07:00	05/23/25 13:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2522251	1	05/23/25 16:33	05/23/25 16:33	ADM	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

Wet Chemistry by Method 4500NOrg D-2021

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

Batch	Lab Sample ID	Analytes
WG2522563	(DUP) R4221389-9	Kjeldahl Nitrogen, TKN

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

Batch	Lab Sample ID	Analytes
WG2521605	(MS) R4219873-11, (MSD) R4219873-13, L1861761-05	Kjeldahl Nitrogen, TKN

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

Batch	Lab Sample ID	Analytes
WG2521605	(MS) R4219873-5	Kjeldahl Nitrogen, TKN
WG2522563	(MS) R4221389-2	Kjeldahl Nitrogen, TKN

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

Batch	Lab Sample ID	Analytes
WG2521790	(MS) R4220103-11, L1861761-14	Kjeldahl Nitrogen, TKN

Wet Chemistry by Method 9056A

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

Batch	Lab Sample ID	Analytes
WG2522313	(MS) R4220122-3, (MS) R4220623-3, (MSD) R4220122-4, (MSD) R4220623-4	Nitrate-Nitrite

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

Batch	Lab Sample ID	Analytes
WG2522313	(MSD) R4220122-4, (MSD) R4220623-4	Nitrate-Nitrite

Metals (ICP) by Method 6010D

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

Batch	Lab Sample ID	Analytes
WG2522422	(MS) R4220112-5	Aluminum and Manganese

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
WG2521444	(MS) R4219726-5, (MSD) R4219726-6, L1861761-05	Antimony and Thallium
WG2521461	(MS) R4219568-5, (MSD) R4219568-6	Aluminum
WG2522422	(MSD) R4220112-6	Aluminum, Magnesium and Potassium

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

Batch	Lab Sample ID	Analytes
WG2521444	(MS) R4219726-5, (MSD) R4219726-6, L1861761-05	Calcium
WG2521461	(MS) R4219568-5, (MSD) R4219568-6	Iron
WG2522422	(MS) R4220112-5, (MSD) R4220112-6	Calcium and Iron

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

Batch	Lab Sample ID	Analytes
WG2521444	(MSD) R4219726-6, L1861761-05	Calcium and Thallium
WG2522422	(MSD) R4220112-6	Aluminum and Iron

The analyte failed the method required serial dilution test and/or subsequent post-spike criteria. These failures indicate matrix interference.

Batch	Lab Sample ID	Analytes
WG2521444	L1861761-05	Aluminum, Calcium, Magnesium, Manganese and Potassium

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
WG2521546	L1861761-01	1,1,2-Trichlorotrifluoroethane, 1,1-Dichloroethene, 1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, 1,2-Dibromo-3-Chloropropane, Acrylonitrile, Bromoform, Chloromethane, Dichlorodifluoromethane and Hexachloro-1,3-butadiene
WG2521546	L1861761-02	1,1,2-Trichlorotrifluoroethane, 1,1-Dichloroethene, 1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, 1,2-Dibromo-3-Chloropropane, Acrylonitrile, Bromoform, Chloromethane, Dichlorodifluoromethane and Hexachloro-1,3-butadiene
WG2521546	L1861761-03	1,1,2-Trichlorotrifluoroethane, 1,1-Dichloroethene, 1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, 1,2-Dibromo-3-Chloropropane, Acrylonitrile, Bromoform, Chloromethane, Dichlorodifluoromethane and Hexachloro-1,3-butadiene
WG2521546	L1861761-04	1,1,2-Trichlorotrifluoroethane, 1,1-Dichloroethene, 1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, 1,2-Dibromo-3-Chloropropane, Acrylonitrile, Bromoform, Chloromethane, Dichlorodifluoromethane and Hexachloro-1,3-butadiene
WG2521546	L1861761-05	1,1,2-Trichlorotrifluoroethane, 1,1-Dichloroethene, 1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, 1,2-Dibromo-3-Chloropropane, Acrylonitrile, Bromoform, Chloromethane, Dichlorodifluoromethane and Hexachloro-1,3-butadiene
WG2521546	L1861761-07	1,1,2-Trichlorotrifluoroethane, 1,1-Dichloroethene, 1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, 1,2-Dibromo-3-Chloropropane, Acrylonitrile, Bromoform, Chloromethane, Dichlorodifluoromethane and Hexachloro-1,3-butadiene
WG2521546	L1861761-08	1,1,2-Trichlorotrifluoroethane, 1,1-Dichloroethene, 1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, 1,2-Dibromo-3-Chloropropane, Acrylonitrile, Bromoform, Chloromethane, Dichlorodifluoromethane and Hexachloro-1,3-butadiene
WG2521546	L1861761-09	1,1,2-Trichlorotrifluoroethane, 1,1-Dichloroethene, 1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, 1,2-Dibromo-3-Chloropropane, Acrylonitrile, Bromoform, Chloromethane, Dichlorodifluoromethane and Hexachloro-1,3-butadiene
WG2521546	L1861761-10	1,1,2-Trichlorotrifluoroethane, 1,1-Dichloroethene, 1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, 1,2-Dibromo-3-Chloropropane, Acrylonitrile, Bromoform, Chloromethane, Dichlorodifluoromethane and Hexachloro-1,3-butadiene
WG2521546	L1861761-11	1,1,2-Trichlorotrifluoroethane, 1,1-Dichloroethene, 1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, 1,2-Dibromo-3-Chloropropane, Acrylonitrile, Bromoform, Chloromethane, Dichlorodifluoromethane and Hexachloro-1,3-butadiene
WG2521546	L1861761-13	1,1,2-Trichlorotrifluoroethane, 1,1-Dichloroethene, 1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, 1,2-Dibromo-3-Chloropropane, Acrylonitrile, Bromoform, Chloromethane, Dichlorodifluoromethane and Hexachloro-1,3-butadiene
WG2521546	L1861761-14	1,1,2-Trichlorotrifluoroethane, 1,1-Dichloroethene, 1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, 1,2-Dibromo-3-Chloropropane, Acrylonitrile, Bromoform, Chloromethane, Dichlorodifluoromethane and Hexachloro-1,3-butadiene
WG2521546	L1861761-15	1,1,2-Trichlorotrifluoroethane, 1,1-Dichloroethene, 1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, 1,2-Dibromo-3-Chloropropane, Acrylonitrile, Bromoform, Chloromethane, Dichlorodifluoromethane and Hexachloro-1,3-butadiene

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
WG2521546	L1861761-16	1,1,2-Trichlorotrifluoroethane, 1,1-Dichloroethene, 1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, 1,2-Dibromo-3-Chloropropane, Acrylonitrile, Bromoform, Chloromethane, Dichlorodifluoromethane and Hexachloro-1,3-butadiene
WG2521546	L1861761-17	1,1,2-Trichlorotrifluoroethane, 1,1-Dichloroethene, 1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, 1,2-Dibromo-3-Chloropropane, Acrylonitrile, Bromoform, Chloromethane, Dichlorodifluoromethane and Hexachloro-1,3-butadiene
WG2521686	L1861761-06	1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, 1,2-Dibromo-3-Chloropropane and Naphthalene
WG2521686	L1861761-12	1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, 1,2-Dibromo-3-Chloropropane and Naphthalene
WG2521686	L1861761-18	1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, 1,2-Dibromo-3-Chloropropane and Naphthalene
WG2522251	L1861761-25	11 analytes
WG2522345	L1861761-19	1,2-Dibromo-3-Chloropropane, 2,2-Dichloropropane, Bromoform and Bromomethane
WG2522345	L1861761-20	1,2-Dibromo-3-Chloropropane, 2,2-Dichloropropane, Bromoform and Bromomethane
WG2522345	L1861761-21	1,2-Dibromo-3-Chloropropane, 2,2-Dichloropropane, Bromoform and Bromomethane
WG2522345	L1861761-22	1,2-Dibromo-3-Chloropropane, 2,2-Dichloropropane, Bromoform and Bromomethane
WG2522345	L1861761-23	1,2-Dibromo-3-Chloropropane, 2,2-Dichloropropane, Bromoform and Bromomethane
WG2522345	L1861761-24	1,2-Dibromo-3-Chloropropane, 2,2-Dichloropropane, Bromoform and Bromomethane

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

Batch	Lab Sample ID	Analytes
WG2521686	(LCS) R4219351-1, (LCSD) R4219351-2, L1861761-06, 12, 18	Bromomethane

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

Batch	Lab Sample ID	Analytes
WG2522251	(LCS) R4219944-1, L1861761-25	n-Butylbenzene

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

Batch	Lab Sample ID	Analytes
WG2521546	(MS) R4219306-4, L1861761-05	Bromomethane, Chloroethane and Methylene Chloride

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

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

Batch	Lab Sample ID	Analytes
WG2521382	L1861761-01	Hexachlorocyclopentadiene
WG2521382	L1861761-02	Hexachlorocyclopentadiene
WG2521382	L1861761-03	Hexachlorocyclopentadiene
WG2521431	L1861761-04	Hexachlorocyclopentadiene
WG2521431	L1861761-05	Hexachlorocyclopentadiene
WG2521431	L1861761-07	Hexachlorocyclopentadiene
WG2521431	L1861761-08	Hexachlorocyclopentadiene
WG2521431	L1861761-09	Benzidine and Hexachlorocyclopentadiene
WG2521431	L1861761-10	Benzidine and Hexachlorocyclopentadiene
WG2521431	L1861761-11	Hexachlorocyclopentadiene
WG2521431	L1861761-13	Hexachlorocyclopentadiene
WG2521431	L1861761-14	Benzidine and Hexachlorocyclopentadiene
WG2521431	L1861761-15	Hexachlorocyclopentadiene
WG2521431	L1861761-16	Hexachlorocyclopentadiene
WG2521431	L1861761-17	Hexachlorocyclopentadiene
WG2522425	L1861761-19	Benzidine
WG2522425	L1861761-20	Benzidine
WG2522425	L1861761-21	Benzidine
WG2522425	L1861761-22	Benzidine
WG2522425	L1861761-23	Benzidine
WG2522425	L1861761-24	Benzidine

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
WG2521431	L1861761-09	Hexachlorocyclopentadiene
WG2521431	L1861761-10	Hexachlorocyclopentadiene
WG2521431	L1861761-14	Hexachlorocyclopentadiene
WG2522425	L1861761-19	Hexachlorocyclopentadiene
WG2522425	L1861761-20	Hexachlorocyclopentadiene
WG2522425	L1861761-21	Hexachlorocyclopentadiene
WG2522425	L1861761-22	Hexachlorocyclopentadiene
WG2522425	L1861761-23	Hexachlorocyclopentadiene
WG2522425	L1861761-24	Hexachlorocyclopentadiene

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

Batch	Lab Sample ID	Analytes
WG2522425	(LCS) R4220298-1, L1861761-19, 20, 21, 22, 23, 24	2,2-Oxybis(1-Chloropropane) and n-Nitrosodimethylamine

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

Batch	Lab Sample ID	Analytes
WG2522425	(MS) R4220298-3, (MSD) R4220298-4	2,2-Oxybis(1-Chloropropane), 2,4-Dinitrotoluene and Di-n-octyl phthalate

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

Batch	Lab Sample ID	Analytes
WG2521382	(MS) R4219368-3, (MSD) R4219368-4	Benzidine and Hexachlorocyclopentadiene
WG2521431	(MS) R4219377-3, (MSD) R4219377-4, L1861761-05	Benzidine and Hexachlorocyclopentadiene
WG2522425	(MS) R4220298-3, (MSD) R4220298-4	2,4-Dinitrophenol, Benzidine and Hexachlorocyclopentadiene

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

Batch	Lab Sample ID	Analytes
WG2521431	(MSD) R4219377-4, L1861761-05	Hexachlorocyclopentadiene

Calculated Results

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Total Nitrogen	1260000		21400	1	05/23/2025 20:49	WG2521415

Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	93.5		1	05/22/2025 17:11	WG2521275

Wet Chemistry by Method 350.1

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Ammonia Nitrogen	ND		10700	1	05/24/2025 18:23	WG2521801

Wet Chemistry by Method 4500NOrg D-2021

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Kjeldahl Nitrogen, TKN	1260000		107000	5	05/23/2025 20:49	WG2521605

Wet Chemistry by Method 9056A

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	ND		21400	1	05/23/2025 08:43	WG2521415

Wet Chemistry by Method WALKLEY-BLACK

Analyte	Result ug/kg	Qualifier	RDL ug/kg	Dilution	Analysis date / time	Batch
TOC By Walkley Black	17800000		800000	8	05/23/2025 12:17	WG2521494

Metals (ICP) by Method 6010D

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Aluminum	2410000		21400	1	05/23/2025 09:12	WG2521444
Antimony	ND		2140	1	05/23/2025 09:12	WG2521444
Beryllium	275		214	1	05/23/2025 09:12	WG2521444
Calcium	14900000		107000	1	05/23/2025 09:12	WG2521444
Chromium	2390		1070	1	05/23/2025 09:12	WG2521444
Cobalt	2070		1070	1	05/23/2025 09:12	WG2521444
Iron	4050000		10700	1	05/23/2025 09:12	WG2521444
Magnesium	1420000		107000	1	05/23/2025 09:12	WG2521444
Manganese	117000		1070	1	05/23/2025 09:12	WG2521444
Potassium	1170000		107000	1	05/23/2025 09:12	WG2521444
Sodium	ND		107000	1	05/23/2025 09:12	WG2521444
Thallium	ND		2140	1	05/23/2025 09:12	WG2521444
Vanadium	8050		2140	1	05/23/2025 09:12	WG2521444

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

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Acetone	ND		57.0	1	05/22/2025 20:03	WG2521546
Acrylonitrile	ND	C3	14.2	1	05/22/2025 20:03	WG2521546
Bromobenzene	ND		14.2	1	05/22/2025 20:03	WG2521546
Bromodichloromethane	ND		2.85	1	05/22/2025 20:03	WG2521546
Bromoform	ND	C3	28.5	1	05/22/2025 20:03	WG2521546

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

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Bromomethane	ND		14.2	1	05/22/2025 20:03	WG2521546
n-Butylbenzene	ND		14.2	1	05/22/2025 20:03	WG2521546
sec-Butylbenzene	ND		14.2	1	05/22/2025 20:03	WG2521546
tert-Butylbenzene	ND		5.70	1	05/22/2025 20:03	WG2521546
Carbon tetrachloride	ND		5.70	1	05/22/2025 20:03	WG2521546
Chlorobenzene	ND		2.85	1	05/22/2025 20:03	WG2521546
Chlorodibromomethane	ND		2.85	1	05/22/2025 20:03	WG2521546
Chloroethane	ND		5.70	1	05/22/2025 20:03	WG2521546
Chloroform	ND		2.85	1	05/22/2025 20:03	WG2521546
Chloromethane	ND	C3	14.2	1	05/22/2025 20:03	WG2521546
2-Chlorotoluene	ND		2.85	1	05/22/2025 20:03	WG2521546
4-Chlorotoluene	ND		5.70	1	05/22/2025 20:03	WG2521546
1,2-Dibromo-3-Chloropropane	ND	C3	28.5	1	05/22/2025 20:03	WG2521546
1,2-Dibromoethane	ND		2.85	1	05/22/2025 20:03	WG2521546
Dibromomethane	ND		5.70	1	05/22/2025 20:03	WG2521546
1,2-Dichlorobenzene	ND		5.70	1	05/22/2025 20:03	WG2521546
1,3-Dichlorobenzene	ND		5.70	1	05/22/2025 20:03	WG2521546
1,4-Dichlorobenzene	ND		5.70	1	05/22/2025 20:03	WG2521546
Dichlorodifluoromethane	ND	C3	5.70	1	05/22/2025 20:03	WG2521546
1,1-Dichloroethane	ND		2.85	1	05/22/2025 20:03	WG2521546
1,2-Dichloroethane	ND		2.85	1	05/22/2025 20:03	WG2521546
1,1-Dichloroethene	ND	C3	2.85	1	05/22/2025 20:03	WG2521546
cis-1,2-Dichloroethene	ND		2.85	1	05/22/2025 20:03	WG2521546
trans-1,2-Dichloroethene	ND		5.70	1	05/22/2025 20:03	WG2521546
1,2-Dichloropropane	ND		5.70	1	05/22/2025 20:03	WG2521546
1,1-Dichloropropene	ND		2.85	1	05/22/2025 20:03	WG2521546
1,3-Dichloropropane	ND		5.70	1	05/22/2025 20:03	WG2521546
cis-1,3-Dichloropropene	ND		2.85	1	05/22/2025 20:03	WG2521546
trans-1,3-Dichloropropene	ND		5.70	1	05/22/2025 20:03	WG2521546
2,2-Dichloropropane	ND		2.85	1	05/22/2025 20:03	WG2521546
Di-isopropyl ether	ND		1.14	1	05/22/2025 20:03	WG2521546
Hexachloro-1,3-butadiene	ND	C3	28.5	1	05/22/2025 20:03	WG2521546
Isopropylbenzene	ND		2.85	1	05/22/2025 20:03	WG2521546
p-Isopropyltoluene	ND		5.70	1	05/22/2025 20:03	WG2521546
2-Butanone (MEK)	ND		114	1	05/22/2025 20:03	WG2521546
Methylene Chloride	ND		28.5	1	05/22/2025 20:03	WG2521546
4-Methyl-2-pentanone (MIBK)	ND		28.5	1	05/22/2025 20:03	WG2521546
Methyl tert-butyl ether	ND		1.14	1	05/22/2025 20:03	WG2521546
n-Propylbenzene	ND		5.70	1	05/22/2025 20:03	WG2521546
Styrene	ND		14.2	1	05/22/2025 20:03	WG2521546
1,1,1,2-Tetrachloroethane	ND		2.85	1	05/22/2025 20:03	WG2521546
1,1,2,2-Tetrachloroethane	ND		2.85	1	05/22/2025 20:03	WG2521546
1,1,2-Trichlorotrifluoroethane	ND	C3	2.85	1	05/22/2025 20:03	WG2521546
Tetrachloroethene	ND		2.85	1	05/22/2025 20:03	WG2521546
1,2,3-Trichlorobenzene	ND	C3	14.2	1	05/22/2025 20:03	WG2521546
1,2,4-Trichlorobenzene	ND	C3	14.2	1	05/22/2025 20:03	WG2521546
1,1,1-Trichloroethane	ND		2.85	1	05/22/2025 20:03	WG2521546
1,1,2-Trichloroethane	ND		2.85	1	05/22/2025 20:03	WG2521546
Trichloroethene	ND		1.14	1	05/22/2025 20:03	WG2521546
Trichlorofluoromethane	ND		2.85	1	05/22/2025 20:03	WG2521546
1,2,3-Trichloropropane	ND		14.2	1	05/22/2025 20:03	WG2521546
1,2,3-Trimethylbenzene	ND		5.70	1	05/22/2025 20:03	WG2521546
Vinyl chloride	ND		2.85	1	05/22/2025 20:03	WG2521546
(S) Toluene-d8	*86.8*		*75.0-131*		*05/22/2025 20:03*	WG2521546
(S) 4-Bromofluorobenzene	*88.8*		*67.0-138*		*05/22/2025 20:03*	WG2521546
(S) 1,2-Dichloroethane-d4	*107*		*70.0-130*		*05/22/2025 20:03*	WG2521546

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

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Acenaphthylene	ND		35.6	1	05/22/2025 23:13	WG2521382
Benzidine	ND		1790	1	05/22/2025 23:13	WG2521382
Benzo(g,h,i)perylene	ND		35.6	1	05/22/2025 23:13	WG2521382
Bis(2-chlorethoxy)methane	ND		356	1	05/22/2025 23:13	WG2521382
Bis(2-chloroethyl)ether	ND		356	1	05/22/2025 23:13	WG2521382
2,2-Oxybis(1-Chloropropane)	ND		356	1	05/22/2025 23:13	WG2521382
4-Bromophenyl-phenylether	ND		356	1	05/22/2025 23:13	WG2521382
2-Chloronaphthalene	ND		35.6	1	05/22/2025 23:13	WG2521382
4-Chlorophenyl-phenylether	ND		356	1	05/22/2025 23:13	WG2521382
1,2-Dichlorobenzene	ND		356	1	05/22/2025 23:13	WG2521382
1,3-Dichlorobenzene	ND		356	1	05/22/2025 23:13	WG2521382
1,4-Dichlorobenzene	ND		356	1	05/22/2025 23:13	WG2521382
3,3-Dichlorobenzidine	ND		356	1	05/22/2025 23:13	WG2521382
2,4-Dinitrotoluene	ND		356	1	05/22/2025 23:13	WG2521382
2,6-Dinitrotoluene	ND		356	1	05/22/2025 23:13	WG2521382
Hexachlorobenzene	ND		356	1	05/22/2025 23:13	WG2521382
Hexachloro-1,3-butadiene	ND		356	1	05/22/2025 23:13	WG2521382
Hexachlorocyclopentadiene	ND	C7	356	1	05/22/2025 23:13	WG2521382
Hexachloroethane	ND		356	1	05/22/2025 23:13	WG2521382
Isophorone	ND		356	1	05/22/2025 23:13	WG2521382
Nitrobenzene	ND		356	1	05/22/2025 23:13	WG2521382
n-Nitrosodimethylamine	ND		356	1	05/22/2025 23:13	WG2521382
n-Nitrosodiphenylamine	ND		356	1	05/22/2025 23:13	WG2521382
n-Nitrosodi-n-propylamine	ND		356	1	05/22/2025 23:13	WG2521382
Phenanthrene	ND		35.6	1	05/22/2025 23:13	WG2521382
Benzylbutyl phthalate	ND		356	1	05/22/2025 23:13	WG2521382
Bis(2-ethylhexyl)phthalate	ND		356	1	05/22/2025 23:13	WG2521382
Di-n-butyl phthalate	ND		356	1	05/22/2025 23:13	WG2521382
Diethyl phthalate	ND		356	1	05/22/2025 23:13	WG2521382
Dimethyl phthalate	ND		356	1	05/22/2025 23:13	WG2521382
Di-n-octyl phthalate	ND		356	1	05/22/2025 23:13	WG2521382
1,2,4-Trichlorobenzene	ND		356	1	05/22/2025 23:13	WG2521382
4-Chloro-3-methylphenol	ND		356	1	05/22/2025 23:13	WG2521382
2-Chlorophenol	ND		356	1	05/22/2025 23:13	WG2521382
2,4-Dichlorophenol	ND		356	1	05/22/2025 23:13	WG2521382
2,4-Dimethylphenol	ND		356	1	05/22/2025 23:13	WG2521382
4,6-Dinitro-2-methylphenol	ND		356	1	05/22/2025 23:13	WG2521382
2,4-Dinitrophenol	ND		356	1	05/22/2025 23:13	WG2521382
2-Nitrophenol	ND		356	1	05/22/2025 23:13	WG2521382
4-Nitrophenol	ND		356	1	05/22/2025 23:13	WG2521382
Pentachlorophenol	ND		356	1	05/22/2025 23:13	WG2521382
Phenol	ND		356	1	05/22/2025 23:13	WG2521382
2,4,6-Trichlorophenol	ND		356	1	05/22/2025 23:13	WG2521382
(S) 2-Fluorophenol	*81.4*		*12.0-120*		*05/22/2025 23:13*	WG2521382
(S) Phenol-d5	*79.2*		*10.0-120*		*05/22/2025 23:13*	WG2521382
(S) Nitrobenzene-d5	*76.7*		*10.0-122*		*05/22/2025 23:13*	WG2521382
(S) 2-Fluorobiphenyl	*69.2*		*15.0-120*		*05/22/2025 23:13*	WG2521382
(S) 2,4,6-Tribromophenol	*78.1*		*10.0-127*		*05/22/2025 23:13*	WG2521382
(S) p-Terphenyl-d14	*74.8*		*10.0-120*		*05/22/2025 23:13*	WG2521382

Calculated Results

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Total Nitrogen	1280000		21400	1	05/23/2025 20:51	WG2521415

Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	93.4		1	05/22/2025 17:11	WG2521275

Wet Chemistry by Method 350.1

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Ammonia Nitrogen	ND		10700	1	05/24/2025 18:25	WG2521801

Wet Chemistry by Method 4500NOrg D-2021

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Kjeldahl Nitrogen, TKN	1280000		107000	5	05/23/2025 20:51	WG2521605

Wet Chemistry by Method 9056A

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	ND		21400	1	05/23/2025 08:57	WG2521415

Wet Chemistry by Method WALKLEY-BLACK

Analyte	Result ug/kg	Qualifier	RDL ug/kg	Dilution	Analysis date / time	Batch
TOC By Walkley Black	6210000		500000	5	05/23/2025 12:17	WG2521494

Metals (ICP) by Method 6010D

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Aluminum	2160000		21400	1	05/23/2025 09:13	WG2521444
Antimony	ND		2140	1	05/23/2025 09:13	WG2521444
Beryllium	272		214	1	05/23/2025 09:13	WG2521444
Calcium	14300000		107000	1	05/23/2025 09:13	WG2521444
Chromium	2380		1070	1	05/23/2025 09:13	WG2521444
Cobalt	2550		1070	1	05/23/2025 09:13	WG2521444
Iron	3410000		10700	1	05/23/2025 09:13	WG2521444
Magnesium	1400000		107000	1	05/23/2025 09:13	WG2521444
Manganese	133000		1070	1	05/23/2025 09:13	WG2521444
Potassium	1150000		107000	1	05/23/2025 09:13	WG2521444
Sodium	ND		107000	1	05/23/2025 09:13	WG2521444
Thallium	ND		2140	1	05/23/2025 09:13	WG2521444
Vanadium	7440		2140	1	05/23/2025 09:13	WG2521444

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

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Acetone	ND		57.1	1	05/22/2025 20:22	WG2521546
Acrylonitrile	ND	C3	14.3	1	05/22/2025 20:22	WG2521546
Bromobenzene	ND		14.3	1	05/22/2025 20:22	WG2521546
Bromodichloromethane	ND		2.86	1	05/22/2025 20:22	WG2521546
Bromoform	ND	C3	28.6	1	05/22/2025 20:22	WG2521546

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

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Bromomethane	ND		14.3	1	05/22/2025 20:22	WG2521546
n-Butylbenzene	ND		14.3	1	05/22/2025 20:22	WG2521546
sec-Butylbenzene	ND		14.3	1	05/22/2025 20:22	WG2521546
tert-Butylbenzene	ND		5.71	1	05/22/2025 20:22	WG2521546
Carbon tetrachloride	ND		5.71	1	05/22/2025 20:22	WG2521546
Chlorobenzene	ND		2.86	1	05/22/2025 20:22	WG2521546
Chlorodibromomethane	ND		2.86	1	05/22/2025 20:22	WG2521546
Chloroethane	ND		5.71	1	05/22/2025 20:22	WG2521546
Chloroform	ND		2.86	1	05/22/2025 20:22	WG2521546
Chloromethane	ND	C3	14.3	1	05/22/2025 20:22	WG2521546
2-Chlorotoluene	ND		2.86	1	05/22/2025 20:22	WG2521546
4-Chlorotoluene	ND		5.71	1	05/22/2025 20:22	WG2521546
1,2-Dibromo-3-Chloropropane	ND	C3	28.6	1	05/22/2025 20:22	WG2521546
1,2-Dibromoethane	ND		2.86	1	05/22/2025 20:22	WG2521546
Dibromomethane	ND		5.71	1	05/22/2025 20:22	WG2521546
1,2-Dichlorobenzene	ND		5.71	1	05/22/2025 20:22	WG2521546
1,3-Dichlorobenzene	ND		5.71	1	05/22/2025 20:22	WG2521546
1,4-Dichlorobenzene	ND		5.71	1	05/22/2025 20:22	WG2521546
Dichlorodifluoromethane	ND	C3	5.71	1	05/22/2025 20:22	WG2521546
1,1-Dichloroethane	ND		2.86	1	05/22/2025 20:22	WG2521546
1,2-Dichloroethane	ND		2.86	1	05/22/2025 20:22	WG2521546
1,1-Dichloroethene	ND	C3	2.86	1	05/22/2025 20:22	WG2521546
cis-1,2-Dichloroethene	ND		2.86	1	05/22/2025 20:22	WG2521546
trans-1,2-Dichloroethene	ND		5.71	1	05/22/2025 20:22	WG2521546
1,2-Dichloropropane	ND		5.71	1	05/22/2025 20:22	WG2521546
1,1-Dichloropropene	ND		2.86	1	05/22/2025 20:22	WG2521546
1,3-Dichloropropane	ND		5.71	1	05/22/2025 20:22	WG2521546
cis-1,3-Dichloropropene	ND		2.86	1	05/22/2025 20:22	WG2521546
trans-1,3-Dichloropropene	ND		5.71	1	05/22/2025 20:22	WG2521546
2,2-Dichloropropane	ND		2.86	1	05/22/2025 20:22	WG2521546
Di-isopropyl ether	ND		1.14	1	05/22/2025 20:22	WG2521546
Hexachloro-1,3-butadiene	ND	C3	28.6	1	05/22/2025 20:22	WG2521546
Isopropylbenzene	ND		2.86	1	05/22/2025 20:22	WG2521546
p-Isopropyltoluene	ND		5.71	1	05/22/2025 20:22	WG2521546
2-Butanone (MEK)	ND		114	1	05/22/2025 20:22	WG2521546
Methylene Chloride	ND		28.6	1	05/22/2025 20:22	WG2521546
4-Methyl-2-pentanone (MIBK)	ND		28.6	1	05/22/2025 20:22	WG2521546
Methyl tert-butyl ether	ND		1.14	1	05/22/2025 20:22	WG2521546
n-Propylbenzene	ND		5.71	1	05/22/2025 20:22	WG2521546
Styrene	ND		14.3	1	05/22/2025 20:22	WG2521546
1,1,1,2-Tetrachloroethane	ND		2.86	1	05/22/2025 20:22	WG2521546
1,1,2,2-Tetrachloroethane	ND		2.86	1	05/22/2025 20:22	WG2521546
1,1,2-Trichlorotrifluoroethane	ND	C3	2.86	1	05/22/2025 20:22	WG2521546
Tetrachloroethene	ND		2.86	1	05/22/2025 20:22	WG2521546
1,2,3-Trichlorobenzene	ND	C3	14.3	1	05/22/2025 20:22	WG2521546
1,2,4-Trichlorobenzene	ND	C3	14.3	1	05/22/2025 20:22	WG2521546
1,1,1-Trichloroethane	ND		2.86	1	05/22/2025 20:22	WG2521546
1,1,2-Trichloroethane	ND		2.86	1	05/22/2025 20:22	WG2521546
Trichloroethene	ND		1.14	1	05/22/2025 20:22	WG2521546
Trichlorofluoromethane	ND		2.86	1	05/22/2025 20:22	WG2521546
1,2,3-Trichloropropane	ND		14.3	1	05/22/2025 20:22	WG2521546
1,2,3-Trimethylbenzene	ND		5.71	1	05/22/2025 20:22	WG2521546
Vinyl chloride	ND		2.86	1	05/22/2025 20:22	WG2521546
(S) Toluene-d8	*93.3*		*75.0-131*		*05/22/2025 20:22*	WG2521546
(S) 4-Bromofluorobenzene	*98.4*		*67.0-138*		*05/22/2025 20:22*	WG2521546
(S) 1,2-Dichloroethane-d4	*96.0*		*70.0-130*		*05/22/2025 20:22*	WG2521546

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

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Acenaphthylene	ND		35.7	1	05/22/2025 23:33	WG2521382
Benzidine	ND		1790	1	05/22/2025 23:33	WG2521382
Benzo(g,h,i)perylene	ND		35.7	1	05/22/2025 23:33	WG2521382
Bis(2-chlorethoxy)methane	ND		357	1	05/22/2025 23:33	WG2521382
Bis(2-chloroethyl)ether	ND		357	1	05/22/2025 23:33	WG2521382
2,2-Oxybis(1-Chloropropane)	ND		357	1	05/22/2025 23:33	WG2521382
4-Bromophenyl-phenylether	ND		357	1	05/22/2025 23:33	WG2521382
2-Chloronaphthalene	ND		35.7	1	05/22/2025 23:33	WG2521382
4-Chlorophenyl-phenylether	ND		357	1	05/22/2025 23:33	WG2521382
1,2-Dichlorobenzene	ND		357	1	05/22/2025 23:33	WG2521382
1,3-Dichlorobenzene	ND		357	1	05/22/2025 23:33	WG2521382
1,4-Dichlorobenzene	ND		357	1	05/22/2025 23:33	WG2521382
3,3-Dichlorobenzidine	ND		357	1	05/22/2025 23:33	WG2521382
2,4-Dinitrotoluene	ND		357	1	05/22/2025 23:33	WG2521382
2,6-Dinitrotoluene	ND		357	1	05/22/2025 23:33	WG2521382
Hexachlorobenzene	ND		357	1	05/22/2025 23:33	WG2521382
Hexachloro-1,3-butadiene	ND		357	1	05/22/2025 23:33	WG2521382
Hexachlorocyclopentadiene	ND	C7	357	1	05/22/2025 23:33	WG2521382
Hexachloroethane	ND		357	1	05/22/2025 23:33	WG2521382
Isophorone	ND		357	1	05/22/2025 23:33	WG2521382
Nitrobenzene	ND		357	1	05/22/2025 23:33	WG2521382
n-Nitrosodimethylamine	ND		357	1	05/22/2025 23:33	WG2521382
n-Nitrosodiphenylamine	ND		357	1	05/22/2025 23:33	WG2521382
n-Nitrosodi-n-propylamine	ND		357	1	05/22/2025 23:33	WG2521382
Phenanthrene	ND		35.7	1	05/22/2025 23:33	WG2521382
Benzylbutyl phthalate	ND		357	1	05/22/2025 23:33	WG2521382
Bis(2-ethylhexyl)phthalate	ND		357	1	05/22/2025 23:33	WG2521382
Di-n-butyl phthalate	ND		357	1	05/22/2025 23:33	WG2521382
Diethyl phthalate	ND		357	1	05/22/2025 23:33	WG2521382
Dimethyl phthalate	ND		357	1	05/22/2025 23:33	WG2521382
Di-n-octyl phthalate	ND		357	1	05/22/2025 23:33	WG2521382
1,2,4-Trichlorobenzene	ND		357	1	05/22/2025 23:33	WG2521382
4-Chloro-3-methylphenol	ND		357	1	05/22/2025 23:33	WG2521382
2-Chlorophenol	ND		357	1	05/22/2025 23:33	WG2521382
2,4-Dichlorophenol	ND		357	1	05/22/2025 23:33	WG2521382
2,4-Dimethylphenol	ND		357	1	05/22/2025 23:33	WG2521382
4,6-Dinitro-2-methylphenol	ND		357	1	05/22/2025 23:33	WG2521382
2,4-Dinitrophenol	ND		357	1	05/22/2025 23:33	WG2521382
2-Nitrophenol	ND		357	1	05/22/2025 23:33	WG2521382
4-Nitrophenol	ND		357	1	05/22/2025 23:33	WG2521382
Pentachlorophenol	ND		357	1	05/22/2025 23:33	WG2521382
Phenol	ND		357	1	05/22/2025 23:33	WG2521382
2,4,6-Trichlorophenol	ND		357	1	05/22/2025 23:33	WG2521382
(S) 2-Fluorophenol	*78.3*		*12.0-120*		*05/22/2025 23:33*	WG2521382
(S) Phenol-d5	*76.8*		*10.0-120*		*05/22/2025 23:33*	WG2521382
(S) Nitrobenzene-d5	*76.7*		*10.0-122*		*05/22/2025 23:33*	WG2521382
(S) 2-Fluorobiphenyl	*67.9*		*15.0-120*		*05/22/2025 23:33*	WG2521382
(S) 2,4,6-Tribromophenol	*77.3*		*10.0-127*		*05/22/2025 23:33*	WG2521382
(S) p-Terphenyl-d14	*74.2*		*10.0-120*		*05/22/2025 23:33*	WG2521382

Calculated Results

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Total Nitrogen	1180000		21000	1	05/23/2025 20:51	WG2521415

Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	95.3		1	05/22/2025 17:11	WG2521275

Wet Chemistry by Method 350.1

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Ammonia Nitrogen	ND		10500	1	05/24/2025 18:26	WG2521801

Wet Chemistry by Method 4500NOrg D-2021

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Kjeldahl Nitrogen, TKN	1180000		105000	5	05/23/2025 20:51	WG2521605

Wet Chemistry by Method 9056A

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	ND		21000	1	05/23/2025 09:10	WG2521415

Wet Chemistry by Method WALKLEY-BLACK

Analyte	Result ug/kg	Qualifier	RDL ug/kg	Dilution	Analysis date / time	Batch
TOC By Walkley Black	7240000		500000	5	05/23/2025 12:18	WG2521494

Metals (ICP) by Method 6010D

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Aluminum	1980000		21000	1	05/23/2025 09:15	WG2521444
Antimony	ND		2100	1	05/23/2025 09:15	WG2521444
Beryllium	243		210	1	05/23/2025 09:15	WG2521444
Calcium	8810000		105000	1	05/23/2025 09:15	WG2521444
Chromium	2160		1050	1	05/23/2025 09:15	WG2521444
Cobalt	2000		1050	1	05/23/2025 09:15	WG2521444
Iron	3150000		10500	1	05/23/2025 09:15	WG2521444
Magnesium	1170000		105000	1	05/23/2025 09:15	WG2521444
Manganese	116000		1050	1	05/23/2025 09:15	WG2521444
Potassium	1240000		105000	1	05/23/2025 09:15	WG2521444
Sodium	ND		105000	1	05/23/2025 09:15	WG2521444
Thallium	ND		2100	1	05/23/2025 09:15	WG2521444
Vanadium	7100		2100	1	05/23/2025 09:15	WG2521444

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

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Acetone	ND		55.0	1	05/22/2025 20:41	WG2521546
Acrylonitrile	ND	C3	13.7	1	05/22/2025 20:41	WG2521546
Bromobenzene	ND		13.7	1	05/22/2025 20:41	WG2521546
Bromodichloromethane	ND		2.75	1	05/22/2025 20:41	WG2521546
Bromoform	ND	C3	27.5	1	05/22/2025 20:41	WG2521546

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

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Bromomethane	ND		13.7	1	05/22/2025 20:41	WG2521546
n-Butylbenzene	ND		13.7	1	05/22/2025 20:41	WG2521546
sec-Butylbenzene	ND		13.7	1	05/22/2025 20:41	WG2521546
tert-Butylbenzene	ND		5.50	1	05/22/2025 20:41	WG2521546
Carbon tetrachloride	ND		5.50	1	05/22/2025 20:41	WG2521546
Chlorobenzene	ND		2.75	1	05/22/2025 20:41	WG2521546
Chlorodibromomethane	ND		2.75	1	05/22/2025 20:41	WG2521546
Chloroethane	ND		5.50	1	05/22/2025 20:41	WG2521546
Chloroform	ND		2.75	1	05/22/2025 20:41	WG2521546
Chloromethane	ND	C3	13.7	1	05/22/2025 20:41	WG2521546
2-Chlorotoluene	ND		2.75	1	05/22/2025 20:41	WG2521546
4-Chlorotoluene	ND		5.50	1	05/22/2025 20:41	WG2521546
1,2-Dibromo-3-Chloropropane	ND	C3	27.5	1	05/22/2025 20:41	WG2521546
1,2-Dibromoethane	ND		2.75	1	05/22/2025 20:41	WG2521546
Dibromomethane	ND		5.50	1	05/22/2025 20:41	WG2521546
1,2-Dichlorobenzene	ND		5.50	1	05/22/2025 20:41	WG2521546
1,3-Dichlorobenzene	ND		5.50	1	05/22/2025 20:41	WG2521546
1,4-Dichlorobenzene	ND		5.50	1	05/22/2025 20:41	WG2521546
Dichlorodifluoromethane	ND	C3	5.50	1	05/22/2025 20:41	WG2521546
1,1-Dichloroethane	ND		2.75	1	05/22/2025 20:41	WG2521546
1,2-Dichloroethane	ND		2.75	1	05/22/2025 20:41	WG2521546
1,1-Dichloroethene	ND	C3	2.75	1	05/22/2025 20:41	WG2521546
cis-1,2-Dichloroethene	ND		2.75	1	05/22/2025 20:41	WG2521546
trans-1,2-Dichloroethene	ND		5.50	1	05/22/2025 20:41	WG2521546
1,2-Dichloropropane	ND		5.50	1	05/22/2025 20:41	WG2521546
1,1-Dichloropropene	ND		2.75	1	05/22/2025 20:41	WG2521546
1,3-Dichloropropane	ND		5.50	1	05/22/2025 20:41	WG2521546
cis-1,3-Dichloropropene	ND		2.75	1	05/22/2025 20:41	WG2521546
trans-1,3-Dichloropropene	ND		5.50	1	05/22/2025 20:41	WG2521546
2,2-Dichloropropane	ND		2.75	1	05/22/2025 20:41	WG2521546
Di-isopropyl ether	ND		1.10	1	05/22/2025 20:41	WG2521546
Hexachloro-1,3-butadiene	ND	C3	27.5	1	05/22/2025 20:41	WG2521546
Isopropylbenzene	ND		2.75	1	05/22/2025 20:41	WG2521546
p-Isopropyltoluene	ND		5.50	1	05/22/2025 20:41	WG2521546
2-Butanone (MEK)	ND		110	1	05/22/2025 20:41	WG2521546
Methylene Chloride	ND		27.5	1	05/22/2025 20:41	WG2521546
4-Methyl-2-pentanone (MIBK)	ND		27.5	1	05/22/2025 20:41	WG2521546
Methyl tert-butyl ether	ND		1.10	1	05/22/2025 20:41	WG2521546
n-Propylbenzene	ND		5.50	1	05/22/2025 20:41	WG2521546
Styrene	ND		13.7	1	05/22/2025 20:41	WG2521546
1,1,1,2-Tetrachloroethane	ND		2.75	1	05/22/2025 20:41	WG2521546
1,1,2,2-Tetrachloroethane	ND		2.75	1	05/22/2025 20:41	WG2521546
1,1,2-Trichlorotrifluoroethane	ND	C3	2.75	1	05/22/2025 20:41	WG2521546
Tetrachloroethene	ND		2.75	1	05/22/2025 20:41	WG2521546
1,2,3-Trichlorobenzene	ND	C3	13.7	1	05/22/2025 20:41	WG2521546
1,2,4-Trichlorobenzene	ND	C3	13.7	1	05/22/2025 20:41	WG2521546
1,1,1-Trichloroethane	ND		2.75	1	05/22/2025 20:41	WG2521546
1,1,2-Trichloroethane	ND		2.75	1	05/22/2025 20:41	WG2521546
Trichloroethene	ND		1.10	1	05/22/2025 20:41	WG2521546
Trichlorofluoromethane	ND		2.75	1	05/22/2025 20:41	WG2521546
1,2,3-Trichloropropane	ND		13.7	1	05/22/2025 20:41	WG2521546
1,2,3-Trimethylbenzene	ND		5.50	1	05/22/2025 20:41	WG2521546
Vinyl chloride	ND		2.75	1	05/22/2025 20:41	WG2521546
(S) Toluene-d8	*90.9*		*75.0-131*		*05/22/2025 20:41*	WG2521546
(S) 4-Bromofluorobenzene	*89.9*		*67.0-138*		*05/22/2025 20:41*	WG2521546
(S) 1,2-Dichloroethane-d4	*99.6*		*70.0-130*		*05/22/2025 20:41*	WG2521546

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

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Acenaphthylene	ND		35.0	1	05/23/2025 03:18	WG2521382
Benzidine	ND		1750	1	05/23/2025 03:18	WG2521382
Benzo(g,h,i)perylene	ND		35.0	1	05/23/2025 03:18	WG2521382
Bis(2-chlorethoxy)methane	ND		350	1	05/23/2025 03:18	WG2521382
Bis(2-chloroethyl)ether	ND		350	1	05/23/2025 03:18	WG2521382
2,2-Oxybis(1-Chloropropane)	ND		350	1	05/23/2025 03:18	WG2521382
4-Bromophenyl-phenylether	ND		350	1	05/23/2025 03:18	WG2521382
2-Chloronaphthalene	ND		35.0	1	05/23/2025 03:18	WG2521382
4-Chlorophenyl-phenylether	ND		350	1	05/23/2025 03:18	WG2521382
1,2-Dichlorobenzene	ND		350	1	05/23/2025 03:18	WG2521382
1,3-Dichlorobenzene	ND		350	1	05/23/2025 03:18	WG2521382
1,4-Dichlorobenzene	ND		350	1	05/23/2025 03:18	WG2521382
3,3-Dichlorobenzidine	ND		350	1	05/23/2025 03:18	WG2521382
2,4-Dinitrotoluene	ND		350	1	05/23/2025 03:18	WG2521382
2,6-Dinitrotoluene	ND		350	1	05/23/2025 03:18	WG2521382
Hexachlorobenzene	ND		350	1	05/23/2025 03:18	WG2521382
Hexachloro-1,3-butadiene	ND		350	1	05/23/2025 03:18	WG2521382
Hexachlorocyclopentadiene	ND	C7	350	1	05/23/2025 03:18	WG2521382
Hexachloroethane	ND		350	1	05/23/2025 03:18	WG2521382
Isophorone	ND		350	1	05/23/2025 03:18	WG2521382
Nitrobenzene	ND		350	1	05/23/2025 03:18	WG2521382
n-Nitrosodimethylamine	ND		350	1	05/23/2025 03:18	WG2521382
n-Nitrosodiphenylamine	ND		350	1	05/23/2025 03:18	WG2521382
n-Nitrosodi-n-propylamine	ND		350	1	05/23/2025 03:18	WG2521382
Phenanthrene	ND		35.0	1	05/23/2025 03:18	WG2521382
Benzylbutyl phthalate	ND		350	1	05/23/2025 03:18	WG2521382
Bis(2-ethylhexyl)phthalate	ND		350	1	05/23/2025 03:18	WG2521382
Di-n-butyl phthalate	ND		350	1	05/23/2025 03:18	WG2521382
Diethyl phthalate	ND		350	1	05/23/2025 03:18	WG2521382
Dimethyl phthalate	ND		350	1	05/23/2025 03:18	WG2521382
Di-n-octyl phthalate	ND		350	1	05/23/2025 03:18	WG2521382
1,2,4-Trichlorobenzene	ND		350	1	05/23/2025 03:18	WG2521382
4-Chloro-3-methylphenol	ND		350	1	05/23/2025 03:18	WG2521382
2-Chlorophenol	ND		350	1	05/23/2025 03:18	WG2521382
2,4-Dichlorophenol	ND		350	1	05/23/2025 03:18	WG2521382
2,4-Dimethylphenol	ND		350	1	05/23/2025 03:18	WG2521382
4,6-Dinitro-2-methylphenol	ND		350	1	05/23/2025 03:18	WG2521382
2,4-Dinitrophenol	ND		350	1	05/23/2025 03:18	WG2521382
2-Nitrophenol	ND		350	1	05/23/2025 03:18	WG2521382
4-Nitrophenol	ND		350	1	05/23/2025 03:18	WG2521382
Pentachlorophenol	ND		350	1	05/23/2025 03:18	WG2521382
Phenol	ND		350	1	05/23/2025 03:18	WG2521382
2,4,6-Trichlorophenol	ND		350	1	05/23/2025 03:18	WG2521382
(S) 2-Fluorophenol	*79.5*		*12.0-120*		*05/23/2025 03:18*	WG2521382
(S) Phenol-d5	*75.8*		*10.0-120*		*05/23/2025 03:18*	WG2521382
(S) Nitrobenzene-d5	*77.4*		*10.0-122*		*05/23/2025 03:18*	WG2521382
(S) 2-Fluorobiphenyl	*70.1*		*15.0-120*		*05/23/2025 03:18*	WG2521382
(S) 2,4,6-Tribromophenol	*77.7*		*10.0-127*		*05/23/2025 03:18*	WG2521382
(S) p-Terphenyl-d14	*73.2*		*10.0-120*		*05/23/2025 03:18*	WG2521382

Calculated Results

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Total Nitrogen	927000		21400	1	05/23/2025 20:52	WG2521415

Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	93.6		1	05/22/2025 17:11	WG2521275

Wet Chemistry by Method 350.1

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Ammonia Nitrogen	ND		10700	1	05/24/2025 18:28	WG2521801

Wet Chemistry by Method 4500NOrg D-2021

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Kjeldahl Nitrogen, TKN	924000		107000	5	05/23/2025 20:52	WG2521605

Wet Chemistry by Method 9056A

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	ND		21400	1	05/23/2025 09:24	WG2521415

Wet Chemistry by Method WALKLEY-BLACK

Analyte	Result ug/kg	Qualifier	RDL ug/kg	Dilution	Analysis date / time	Batch
TOC By Walkley Black	17600000		500000	5	05/23/2025 12:18	WG2521494

Metals (ICP) by Method 6010D

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Aluminum	2880000		21400	1	05/23/2025 09:17	WG2521444
Antimony	ND		2140	1	05/23/2025 09:17	WG2521444
Beryllium	315		214	1	05/23/2025 09:17	WG2521444
Calcium	12200000		107000	1	05/23/2025 09:17	WG2521444
Chromium	2920		1070	1	05/23/2025 09:17	WG2521444
Cobalt	2330		1070	1	05/23/2025 09:17	WG2521444
Iron	4270000		10700	1	05/23/2025 09:17	WG2521444
Magnesium	1490000		107000	1	05/23/2025 09:17	WG2521444
Manganese	123000		1070	1	05/23/2025 09:17	WG2521444
Potassium	1270000		107000	1	05/23/2025 09:17	WG2521444
Sodium	ND		107000	1	05/23/2025 09:17	WG2521444
Thallium	ND		2140	1	05/23/2025 09:17	WG2521444
Vanadium	8730		2140	1	05/23/2025 09:17	WG2521444

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

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Acetone	ND		56.9	1	05/22/2025 21:00	WG2521546
Acrylonitrile	ND	C3	14.2	1	05/22/2025 21:00	WG2521546
Bromobenzene	ND		14.2	1	05/22/2025 21:00	WG2521546
Bromodichloromethane	ND		2.84	1	05/22/2025 21:00	WG2521546
Bromoform	ND	C3	28.4	1	05/22/2025 21:00	WG2521546

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

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Bromomethane	ND		14.2	1	05/22/2025 21:00	WG2521546
n-Butylbenzene	ND		14.2	1	05/22/2025 21:00	WG2521546
sec-Butylbenzene	ND		14.2	1	05/22/2025 21:00	WG2521546
tert-Butylbenzene	ND		5.69	1	05/22/2025 21:00	WG2521546
Carbon tetrachloride	ND		5.69	1	05/22/2025 21:00	WG2521546
Chlorobenzene	ND		2.84	1	05/22/2025 21:00	WG2521546
Chlorodibromomethane	ND		2.84	1	05/22/2025 21:00	WG2521546
Chloroethane	ND		5.69	1	05/22/2025 21:00	WG2521546
Chloroform	ND		2.84	1	05/22/2025 21:00	WG2521546
Chloromethane	ND	C3	14.2	1	05/22/2025 21:00	WG2521546
2-Chlorotoluene	ND		2.84	1	05/22/2025 21:00	WG2521546
4-Chlorotoluene	ND		5.69	1	05/22/2025 21:00	WG2521546
1,2-Dibromo-3-Chloropropane	ND	C3	28.4	1	05/22/2025 21:00	WG2521546
1,2-Dibromoethane	ND		2.84	1	05/22/2025 21:00	WG2521546
Dibromomethane	ND		5.69	1	05/22/2025 21:00	WG2521546
1,2-Dichlorobenzene	ND		5.69	1	05/22/2025 21:00	WG2521546
1,3-Dichlorobenzene	ND		5.69	1	05/22/2025 21:00	WG2521546
1,4-Dichlorobenzene	ND		5.69	1	05/22/2025 21:00	WG2521546
Dichlorodifluoromethane	ND	C3	5.69	1	05/22/2025 21:00	WG2521546
1,1-Dichloroethane	ND		2.84	1	05/22/2025 21:00	WG2521546
1,2-Dichloroethane	ND		2.84	1	05/22/2025 21:00	WG2521546
1,1-Dichloroethene	ND	C3	2.84	1	05/22/2025 21:00	WG2521546
cis-1,2-Dichloroethene	ND		2.84	1	05/22/2025 21:00	WG2521546
trans-1,2-Dichloroethene	ND		5.69	1	05/22/2025 21:00	WG2521546
1,2-Dichloropropane	ND		5.69	1	05/22/2025 21:00	WG2521546
1,1-Dichloropropene	ND		2.84	1	05/22/2025 21:00	WG2521546
1,3-Dichloropropane	ND		5.69	1	05/22/2025 21:00	WG2521546
cis-1,3-Dichloropropene	ND		2.84	1	05/22/2025 21:00	WG2521546
trans-1,3-Dichloropropene	ND		5.69	1	05/22/2025 21:00	WG2521546
2,2-Dichloropropane	ND		2.84	1	05/22/2025 21:00	WG2521546
Di-isopropyl ether	ND		1.14	1	05/22/2025 21:00	WG2521546
Hexachloro-1,3-butadiene	ND	C3	28.4	1	05/22/2025 21:00	WG2521546
Isopropylbenzene	ND		2.84	1	05/22/2025 21:00	WG2521546
p-Isopropyltoluene	ND		5.69	1	05/22/2025 21:00	WG2521546
2-Butanone (MEK)	ND		114	1	05/22/2025 21:00	WG2521546
Methylene Chloride	ND		28.4	1	05/22/2025 21:00	WG2521546
4-Methyl-2-pentanone (MIBK)	ND		28.4	1	05/22/2025 21:00	WG2521546
Methyl tert-butyl ether	ND		1.14	1	05/22/2025 21:00	WG2521546
n-Propylbenzene	ND		5.69	1	05/22/2025 21:00	WG2521546
Styrene	ND		14.2	1	05/22/2025 21:00	WG2521546
1,1,1,2-Tetrachloroethane	ND		2.84	1	05/22/2025 21:00	WG2521546
1,1,2,2-Tetrachloroethane	ND		2.84	1	05/22/2025 21:00	WG2521546
1,1,2-Trichlorotrifluoroethane	ND	C3	2.84	1	05/22/2025 21:00	WG2521546
Tetrachloroethene	ND		2.84	1	05/22/2025 21:00	WG2521546
1,2,3-Trichlorobenzene	ND	C3	14.2	1	05/22/2025 21:00	WG2521546
1,2,4-Trichlorobenzene	ND	C3	14.2	1	05/22/2025 21:00	WG2521546
1,1,1-Trichloroethane	ND		2.84	1	05/22/2025 21:00	WG2521546
1,1,2-Trichloroethane	ND		2.84	1	05/22/2025 21:00	WG2521546
Trichloroethene	ND		1.14	1	05/22/2025 21:00	WG2521546
Trichlorofluoromethane	ND		2.84	1	05/22/2025 21:00	WG2521546
1,2,3-Trichloropropane	ND		14.2	1	05/22/2025 21:00	WG2521546
1,2,3-Trimethylbenzene	ND		5.69	1	05/22/2025 21:00	WG2521546
Vinyl chloride	ND		2.84	1	05/22/2025 21:00	WG2521546
(S) Toluene-d8	*90.0*		*75.0-131*		*05/22/2025 21:00*	WG2521546
(S) 4-Bromofluorobenzene	*86.3*		*67.0-138*		*05/22/2025 21:00*	WG2521546
(S) 1,2-Dichloroethane-d4	*98.0*		*70.0-130*		*05/22/2025 21:00*	WG2521546

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

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Acenaphthylene	ND		35.6	1	05/23/2025 03:28	WG2521431
Benzidine	ND		1790	1	05/23/2025 03:28	WG2521431
Benzo(g,h,i)perylene	ND		35.6	1	05/23/2025 03:28	WG2521431
Bis(2-chlorethoxy)methane	ND		356	1	05/23/2025 03:28	WG2521431
Bis(2-chloroethyl)ether	ND		356	1	05/23/2025 03:28	WG2521431
2,2-Oxybis(1-Chloropropane)	ND		356	1	05/23/2025 03:28	WG2521431
4-Bromophenyl-phenylether	ND		356	1	05/23/2025 03:28	WG2521431
2-Chloronaphthalene	ND		35.6	1	05/23/2025 03:28	WG2521431
4-Chlorophenyl-phenylether	ND		356	1	05/23/2025 03:28	WG2521431
1,2-Dichlorobenzene	ND		356	1	05/23/2025 03:28	WG2521431
1,3-Dichlorobenzene	ND		356	1	05/23/2025 03:28	WG2521431
1,4-Dichlorobenzene	ND		356	1	05/23/2025 03:28	WG2521431
3,3-Dichlorobenzidine	ND		356	1	05/23/2025 03:28	WG2521431
2,4-Dinitrotoluene	ND		356	1	05/23/2025 03:28	WG2521431
2,6-Dinitrotoluene	ND		356	1	05/23/2025 03:28	WG2521431
Hexachlorobenzene	ND		356	1	05/23/2025 03:28	WG2521431
Hexachloro-1,3-butadiene	ND		356	1	05/23/2025 03:28	WG2521431
Hexachlorocyclopentadiene	ND	C7	356	1	05/23/2025 03:28	WG2521431
Hexachloroethane	ND		356	1	05/23/2025 03:28	WG2521431
Isophorone	ND		356	1	05/23/2025 03:28	WG2521431
Nitrobenzene	ND		356	1	05/23/2025 03:28	WG2521431
n-Nitrosodimethylamine	ND		356	1	05/23/2025 03:28	WG2521431
n-Nitrosodiphenylamine	ND		356	1	05/23/2025 03:28	WG2521431
n-Nitrosodi-n-propylamine	ND		356	1	05/23/2025 03:28	WG2521431
Phenanthrene	ND		35.6	1	05/23/2025 03:28	WG2521431
Benzylbutyl phthalate	ND		356	1	05/23/2025 03:28	WG2521431
Bis(2-ethylhexyl)phthalate	ND		356	1	05/23/2025 03:28	WG2521431
Di-n-butyl phthalate	ND		356	1	05/23/2025 03:28	WG2521431
Diethyl phthalate	ND		356	1	05/23/2025 03:28	WG2521431
Dimethyl phthalate	ND		356	1	05/23/2025 03:28	WG2521431
Di-n-octyl phthalate	ND		356	1	05/23/2025 03:28	WG2521431
1,2,4-Trichlorobenzene	ND		356	1	05/23/2025 03:28	WG2521431
4-Chloro-3-methylphenol	ND		356	1	05/23/2025 03:28	WG2521431
2-Chlorophenol	ND		356	1	05/23/2025 03:28	WG2521431
2,4-Dichlorophenol	ND		356	1	05/23/2025 03:28	WG2521431
2,4-Dimethylphenol	ND		356	1	05/23/2025 03:28	WG2521431
4,6-Dinitro-2-methylphenol	ND		356	1	05/23/2025 03:28	WG2521431
2,4-Dinitrophenol	ND		356	1	05/23/2025 03:28	WG2521431
2-Nitrophenol	ND		356	1	05/23/2025 03:28	WG2521431
4-Nitrophenol	ND		356	1	05/23/2025 03:28	WG2521431
Pentachlorophenol	ND		356	1	05/23/2025 03:28	WG2521431
Phenol	ND		356	1	05/23/2025 03:28	WG2521431
2,4,6-Trichlorophenol	ND		356	1	05/23/2025 03:28	WG2521431
(S) 2-Fluorophenol	*70.6*		*12.0-120*		*05/23/2025 03:28*	WG2521431
(S) Phenol-d5	*64.1*		*10.0-120*		*05/23/2025 03:28*	WG2521431
(S) Nitrobenzene-d5	*65.9*		*10.0-122*		*05/23/2025 03:28*	WG2521431
(S) 2-Fluorobiphenyl	*60.1*		*15.0-120*		*05/23/2025 03:28*	WG2521431
(S) 2,4,6-Tribromophenol	*68.6*		*10.0-127*		*05/23/2025 03:28*	WG2521431
(S) p-Terphenyl-d14	*69.7*		*10.0-120*		*05/23/2025 03:28*	WG2521431

Calculated Results

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Total Nitrogen	1310000		21200	1	05/23/2025 20:54	WG2521415

Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	94.3		1	05/22/2025 17:11	WG2521275

Wet Chemistry by Method 350.1

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Ammonia Nitrogen	ND		10600	1	05/24/2025 18:29	WG2521801

Wet Chemistry by Method 4500NOrg D-2021

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Kjeldahl Nitrogen, TKN	1310000	J5	106000	5	05/23/2025 20:54	WG2521605

Wet Chemistry by Method 9056A

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	ND		21200	1	05/23/2025 09:37	WG2521415

Wet Chemistry by Method WALKLEY-BLACK

Analyte	Result ug/kg	Qualifier	RDL ug/kg	Dilution	Analysis date / time	Batch
TOC By Walkley Black	20400000		1000000	10	05/23/2025 12:18	WG2521494

Metals (ICP) by Method 6010D

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Aluminum	2690000	O1	21200	1	05/23/2025 08:50	WG2521444
Antimony	ND	J6	2120	1	05/23/2025 08:50	WG2521444
Beryllium	279		212	1	05/23/2025 08:50	WG2521444
Calcium	6670000	J3 O1 V	106000	1	05/23/2025 08:50	WG2521444
Chromium	2990		1060	1	05/23/2025 08:50	WG2521444
Cobalt	2450		1060	1	05/23/2025 08:50	WG2521444
Iron	4020000		10600	1	05/23/2025 08:50	WG2521444
Magnesium	1200000	O1	106000	1	05/23/2025 08:50	WG2521444
Manganese	126000	O1	1060	1	05/23/2025 08:50	WG2521444
Potassium	1430000	O1	106000	1	05/23/2025 08:50	WG2521444
Sodium	ND		106000	1	05/23/2025 08:50	WG2521444
Thallium	ND	J3 J6	2120	1	05/23/2025 08:50	WG2521444
Vanadium	8290		2120	1	05/23/2025 08:50	WG2521444

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

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Acetone	ND		56.0	1	05/22/2025 21:19	WG2521546
Acrylonitrile	ND	C3	14.0	1	05/22/2025 21:19	WG2521546
Bromobenzene	ND		14.0	1	05/22/2025 21:19	WG2521546
Bromodichloromethane	ND		2.80	1	05/22/2025 21:19	WG2521546
Bromoform	ND	C3	28.0	1	05/22/2025 21:19	WG2521546

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

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Bromomethane	ND	J5	14.0	1	05/22/2025 21:19	WG2521546
n-Butylbenzene	ND		14.0	1	05/22/2025 21:19	WG2521546
sec-Butylbenzene	ND		14.0	1	05/22/2025 21:19	WG2521546
tert-Butylbenzene	ND		5.60	1	05/22/2025 21:19	WG2521546
Carbon tetrachloride	ND		5.60	1	05/22/2025 21:19	WG2521546
Chlorobenzene	ND		2.80	1	05/22/2025 21:19	WG2521546
Chlorodibromomethane	ND		2.80	1	05/22/2025 21:19	WG2521546
Chloroethane	ND	J5	5.60	1	05/22/2025 21:19	WG2521546
Chloroform	ND		2.80	1	05/22/2025 21:19	WG2521546
Chloromethane	ND	C3	14.0	1	05/22/2025 21:19	WG2521546
2-Chlorotoluene	ND		2.80	1	05/22/2025 21:19	WG2521546
4-Chlorotoluene	ND		5.60	1	05/22/2025 21:19	WG2521546
1,2-Dibromo-3-Chloropropane	ND	C3	28.0	1	05/22/2025 21:19	WG2521546
1,2-Dibromoethane	ND		2.80	1	05/22/2025 21:19	WG2521546
Dibromomethane	ND		5.60	1	05/22/2025 21:19	WG2521546
1,2-Dichlorobenzene	ND		5.60	1	05/22/2025 21:19	WG2521546
1,3-Dichlorobenzene	ND		5.60	1	05/22/2025 21:19	WG2521546
1,4-Dichlorobenzene	ND		5.60	1	05/22/2025 21:19	WG2521546
Dichlorodifluoromethane	ND	C3	5.60	1	05/22/2025 21:19	WG2521546
1,1-Dichloroethane	ND		2.80	1	05/22/2025 21:19	WG2521546
1,2-Dichloroethane	ND		2.80	1	05/22/2025 21:19	WG2521546
1,1-Dichloroethene	ND	C3	2.80	1	05/22/2025 21:19	WG2521546
cis-1,2-Dichloroethene	ND		2.80	1	05/22/2025 21:19	WG2521546
trans-1,2-Dichloroethene	ND		5.60	1	05/22/2025 21:19	WG2521546
1,2-Dichloropropane	ND		5.60	1	05/22/2025 21:19	WG2521546
1,1-Dichloropropene	ND		2.80	1	05/22/2025 21:19	WG2521546
1,3-Dichloropropane	ND		5.60	1	05/22/2025 21:19	WG2521546
cis-1,3-Dichloropropene	ND		2.80	1	05/22/2025 21:19	WG2521546
trans-1,3-Dichloropropene	ND		5.60	1	05/22/2025 21:19	WG2521546
2,2-Dichloropropane	ND		2.80	1	05/22/2025 21:19	WG2521546
Di-isopropyl ether	ND		1.12	1	05/22/2025 21:19	WG2521546
Hexachloro-1,3-butadiene	ND	C3	28.0	1	05/22/2025 21:19	WG2521546
Isopropylbenzene	ND		2.80	1	05/22/2025 21:19	WG2521546
p-Isopropyltoluene	ND		5.60	1	05/22/2025 21:19	WG2521546
2-Butanone (MEK)	ND		112	1	05/22/2025 21:19	WG2521546
Methylene Chloride	ND	J5	28.0	1	05/22/2025 21:19	WG2521546
4-Methyl-2-pentanone (MIBK)	ND		28.0	1	05/22/2025 21:19	WG2521546
Methyl tert-butyl ether	ND		1.12	1	05/22/2025 21:19	WG2521546
n-Propylbenzene	ND		5.60	1	05/22/2025 21:19	WG2521546
Styrene	ND		14.0	1	05/22/2025 21:19	WG2521546
1,1,1,2-Tetrachloroethane	ND		2.80	1	05/22/2025 21:19	WG2521546
1,1,2,2-Tetrachloroethane	ND		2.80	1	05/22/2025 21:19	WG2521546
1,1,2-Trichlorotrifluoroethane	ND	C3	2.80	1	05/22/2025 21:19	WG2521546
Tetrachloroethene	ND		2.80	1	05/22/2025 21:19	WG2521546
1,2,3-Trichlorobenzene	ND	C3	14.0	1	05/22/2025 21:19	WG2521546
1,2,4-Trichlorobenzene	ND	C3	14.0	1	05/22/2025 21:19	WG2521546
1,1,1-Trichloroethane	ND		2.80	1	05/22/2025 21:19	WG2521546
1,1,2-Trichloroethane	ND		2.80	1	05/22/2025 21:19	WG2521546
Trichloroethene	ND		1.12	1	05/22/2025 21:19	WG2521546
Trichlorofluoromethane	ND		2.80	1	05/22/2025 21:19	WG2521546
1,2,3-Trichloropropane	ND		14.0	1	05/22/2025 21:19	WG2521546
1,2,3-Trimethylbenzene	ND		5.60	1	05/22/2025 21:19	WG2521546
Vinyl chloride	ND		2.80	1	05/22/2025 21:19	WG2521546
(S) Toluene-d8	*93.6*		*75.0-131*		*05/22/2025 21:19*	WG2521546
(S) 4-Bromofluorobenzene	*95.4*		*67.0-138*		*05/22/2025 21:19*	WG2521546
(S) 1,2-Dichloroethane-d4	*95.9*		*70.0-130*		*05/22/2025 21:19*	WG2521546

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

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Acenaphthylene	ND		70.6	2	05/23/2025 06:58	WG2521431
Benzidine	ND	J6	3540	2	05/23/2025 06:58	WG2521431
Benzo(g,h,i)perylene	ND		70.6	2	05/23/2025 06:58	WG2521431
Bis(2-chlorethoxy)methane	ND		706	2	05/23/2025 06:58	WG2521431
Bis(2-chloroethyl)ether	ND		706	2	05/23/2025 06:58	WG2521431
2,2-Oxybis(1-Chloropropane)	ND		706	2	05/23/2025 06:58	WG2521431
4-Bromophenyl-phenylether	ND		706	2	05/23/2025 06:58	WG2521431
2-Chloronaphthalene	ND		70.6	2	05/23/2025 06:58	WG2521431
4-Chlorophenyl-phenylether	ND		706	2	05/23/2025 06:58	WG2521431
1,2-Dichlorobenzene	ND		706	2	05/23/2025 06:58	WG2521431
1,3-Dichlorobenzene	ND		706	2	05/23/2025 06:58	WG2521431
1,4-Dichlorobenzene	ND		706	2	05/23/2025 06:58	WG2521431
3,3-Dichlorobenzidine	ND		706	2	05/23/2025 06:58	WG2521431
2,4-Dinitrotoluene	ND		706	2	05/23/2025 06:58	WG2521431
2,6-Dinitrotoluene	ND		706	2	05/23/2025 06:58	WG2521431
Hexachlorobenzene	ND		706	2	05/23/2025 06:58	WG2521431
Hexachloro-1,3-butadiene	ND		706	2	05/23/2025 06:58	WG2521431
Hexachlorocyclopentadiene	ND	C7 J3 J6	706	2	05/23/2025 06:58	WG2521431
Hexachloroethane	ND		706	2	05/23/2025 06:58	WG2521431
Isophorone	ND		706	2	05/23/2025 06:58	WG2521431
Nitrobenzene	ND		706	2	05/23/2025 06:58	WG2521431
n-Nitrosodimethylamine	ND		706	2	05/23/2025 06:58	WG2521431
n-Nitrosodiphenylamine	ND		706	2	05/23/2025 06:58	WG2521431
n-Nitrosodi-n-propylamine	ND		706	2	05/23/2025 06:58	WG2521431
Phenanthrene	ND		70.6	2	05/23/2025 06:58	WG2521431
Benzylbutyl phthalate	ND		706	2	05/23/2025 06:58	WG2521431
Bis(2-ethylhexyl)phthalate	ND		706	2	05/23/2025 06:58	WG2521431
Di-n-butyl phthalate	ND		706	2	05/23/2025 06:58	WG2521431
Diethyl phthalate	ND		706	2	05/23/2025 06:58	WG2521431
Dimethyl phthalate	ND		706	2	05/23/2025 06:58	WG2521431
Di-n-octyl phthalate	ND		706	2	05/23/2025 06:58	WG2521431
1,2,4-Trichlorobenzene	ND		706	2	05/23/2025 06:58	WG2521431
4-Chloro-3-methylphenol	ND		706	2	05/23/2025 06:58	WG2521431
2-Chlorophenol	ND		706	2	05/23/2025 06:58	WG2521431
2,4-Dichlorophenol	ND		706	2	05/23/2025 06:58	WG2521431
2,4-Dimethylphenol	ND		706	2	05/23/2025 06:58	WG2521431
4,6-Dinitro-2-methylphenol	ND		706	2	05/23/2025 06:58	WG2521431
2,4-Dinitrophenol	ND		706	2	05/23/2025 06:58	WG2521431
2-Nitrophenol	ND		706	2	05/23/2025 06:58	WG2521431
4-Nitrophenol	ND		706	2	05/23/2025 06:58	WG2521431
Pentachlorophenol	ND		706	2	05/23/2025 06:58	WG2521431
Phenol	ND		706	2	05/23/2025 06:58	WG2521431
2,4,6-Trichlorophenol	ND		706	2	05/23/2025 06:58	WG2521431
(S) 2-Fluorophenol	*81.1*		*12.0-120*		*05/23/2025 06:58*	WG2521431
(S) Phenol-d5	*72.8*		*10.0-120*		*05/23/2025 06:58*	WG2521431
(S) Nitrobenzene-d5	*75.3*		*10.0-122*		*05/23/2025 06:58*	WG2521431
(S) 2-Fluorobiphenyl	*70.1*		*15.0-120*		*05/23/2025 06:58*	WG2521431
(S) 2,4,6-Tribromophenol	*80.2*		*10.0-127*		*05/23/2025 06:58*	WG2521431
(S) p-Terphenyl-d14	*79.9*		*10.0-120*		*05/23/2025 06:58*	WG2521431

Sample Narrative:

L1861761-05 WG2521431: Dilution due to matrix impact during extraction procedure

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND		50.0	1	05/23/2025 03:19	WG2521686
Acrolein	ND		50.0	1	05/23/2025 03:19	WG2521686
Acrylonitrile	ND		10.0	1	05/23/2025 03:19	WG2521686
Benzene	ND		1.00	1	05/23/2025 03:19	WG2521686
Bromobenzene	ND		1.00	1	05/23/2025 03:19	WG2521686
Bromodichloromethane	ND		1.00	1	05/23/2025 03:19	WG2521686
Bromoform	ND		1.00	1	05/23/2025 03:19	WG2521686
Bromomethane	ND	J4	5.00	1	05/23/2025 03:19	WG2521686
n-Butylbenzene	ND		1.00	1	05/23/2025 03:19	WG2521686
sec-Butylbenzene	ND		1.00	1	05/23/2025 03:19	WG2521686
tert-Butylbenzene	ND		1.00	1	05/23/2025 03:19	WG2521686
Carbon tetrachloride	ND		1.00	1	05/23/2025 03:19	WG2521686
Chlorobenzene	ND		1.00	1	05/23/2025 03:19	WG2521686
Chlorodibromomethane	ND		1.00	1	05/23/2025 03:19	WG2521686
Chloroethane	ND		5.00	1	05/23/2025 03:19	WG2521686
Chloroform	ND		5.00	1	05/23/2025 03:19	WG2521686
Chloromethane	ND		2.50	1	05/23/2025 03:19	WG2521686
2-Chlorotoluene	ND		1.00	1	05/23/2025 03:19	WG2521686
4-Chlorotoluene	ND		1.00	1	05/23/2025 03:19	WG2521686
1,2-Dibromo-3-Chloropropane	ND	C3	5.00	1	05/23/2025 03:19	WG2521686
1,2-Dibromoethane	ND		1.00	1	05/23/2025 03:19	WG2521686
Dibromomethane	ND		1.00	1	05/23/2025 03:19	WG2521686
1,2-Dichlorobenzene	ND		1.00	1	05/23/2025 03:19	WG2521686
1,3-Dichlorobenzene	ND		1.00	1	05/23/2025 03:19	WG2521686
1,4-Dichlorobenzene	ND		1.00	1	05/23/2025 03:19	WG2521686
Dichlorodifluoromethane	ND		5.00	1	05/23/2025 03:19	WG2521686
1,1-Dichloroethane	ND		1.00	1	05/23/2025 03:19	WG2521686
1,2-Dichloroethane	ND		1.00	1	05/23/2025 03:19	WG2521686
1,1-Dichloroethene	ND		1.00	1	05/23/2025 03:19	WG2521686
cis-1,2-Dichloroethene	ND		1.00	1	05/23/2025 03:19	WG2521686
trans-1,2-Dichloroethene	ND		1.00	1	05/23/2025 03:19	WG2521686
1,2-Dichloropropane	ND		1.00	1	05/23/2025 03:19	WG2521686
1,1-Dichloropropene	ND		1.00	1	05/23/2025 03:19	WG2521686
1,3-Dichloropropane	ND		1.00	1	05/23/2025 03:19	WG2521686
cis-1,3-Dichloropropene	ND		1.00	1	05/23/2025 03:19	WG2521686
trans-1,3-Dichloropropene	ND		1.00	1	05/23/2025 03:19	WG2521686
2,2-Dichloropropane	ND		1.00	1	05/23/2025 03:19	WG2521686
Di-isopropyl ether	ND		1.00	1	05/23/2025 03:19	WG2521686
Ethylbenzene	ND		1.00	1	05/23/2025 03:19	WG2521686
Hexachloro-1,3-butadiene	ND		1.00	1	05/23/2025 03:19	WG2521686
Isopropylbenzene	ND		1.00	1	05/23/2025 03:19	WG2521686
p-Isopropyltoluene	ND		1.00	1	05/23/2025 03:19	WG2521686
2-Butanone (MEK)	ND		10.0	1	05/23/2025 03:19	WG2521686
Methylene Chloride	ND		5.00	1	05/23/2025 03:19	WG2521686
4-Methyl-2-pentanone (MIBK)	ND		10.0	1	05/23/2025 03:19	WG2521686
Methyl tert-butyl ether	ND		1.00	1	05/23/2025 03:19	WG2521686
Naphthalene	ND	C3	5.00	1	05/23/2025 03:19	WG2521686
n-Propylbenzene	ND		1.00	1	05/23/2025 03:19	WG2521686
Styrene	ND		1.00	1	05/23/2025 03:19	WG2521686
1,1,1,2-Tetrachloroethane	ND		1.00	1	05/23/2025 03:19	WG2521686
1,1,2,2-Tetrachloroethane	ND		1.00	1	05/23/2025 03:19	WG2521686
1,1,2-Trichlorotrifluoroethane	ND		1.00	1	05/23/2025 03:19	WG2521686
Tetrachloroethene	ND		1.00	1	05/23/2025 03:19	WG2521686
Toluene	ND		1.00	1	05/23/2025 03:19	WG2521686
1,2,3-Trichlorobenzene	ND	C3	1.00	1	05/23/2025 03:19	WG2521686
1,2,4-Trichlorobenzene	ND	C3	1.00	1	05/23/2025 03:19	WG2521686

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
1,1,1-Trichloroethane	ND		1.00	1	05/23/2025 03:19	WG2521686
1,1,2-Trichloroethane	ND		1.00	1	05/23/2025 03:19	WG2521686
Trichloroethene	ND		1.00	1	05/23/2025 03:19	WG2521686
Trichlorofluoromethane	ND		5.00	1	05/23/2025 03:19	WG2521686
1,2,3-Trichloropropane	ND		2.50	1	05/23/2025 03:19	WG2521686
1,2,4-Trimethylbenzene	ND		1.00	1	05/23/2025 03:19	WG2521686
1,2,3-Trimethylbenzene	ND		1.00	1	05/23/2025 03:19	WG2521686
1,3,5-Trimethylbenzene	ND		1.00	1	05/23/2025 03:19	WG2521686
Vinyl chloride	ND		1.00	1	05/23/2025 03:19	WG2521686
Xylenes, Total	ND		3.00	1	05/23/2025 03:19	WG2521686
(S) Toluene-d8	*108*		*80.0-120*		*05/23/2025 03:19*	WG2521686
(S) 4-Bromofluorobenzene	*94.4*		*77.0-126*		*05/23/2025 03:19*	WG2521686
(S) 1,2-Dichloroethane-d4	*105*		*70.0-130*		*05/23/2025 03:19*	WG2521686

Calculated Results

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Total Nitrogen	1380000		23300	1	05/23/2025 20:59	WG2521415

Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	85.9		1	05/22/2025 17:11	WG2521275

Wet Chemistry by Method 350.1

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Ammonia Nitrogen	ND		11600	1	05/24/2025 18:34	WG2521801

Wet Chemistry by Method 4500NOrg D-2021

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Kjeldahl Nitrogen, TKN	1380000		116000	5	05/23/2025 20:59	WG2521605

Wet Chemistry by Method 9056A

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	ND		23300	1	05/23/2025 10:18	WG2521415

Wet Chemistry by Method WALKLEY-BLACK

Analyte	Result ug/kg	Qualifier	RDL ug/kg	Dilution	Analysis date / time	Batch
TOC By Walkley Black	20000000		1000000	10	05/23/2025 12:20	WG2521494

Metals (ICP) by Method 6010D

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Aluminum	2690000		23300	1	05/23/2025 09:18	WG2521444
Antimony	ND		2330	1	05/23/2025 09:18	WG2521444
Beryllium	332		233	1	05/23/2025 09:18	WG2521444
Calcium	9330000		116000	1	05/23/2025 09:18	WG2521444
Chromium	3640		1160	1	05/23/2025 09:18	WG2521444
Cobalt	2880		1160	1	05/23/2025 09:18	WG2521444
Iron	4680000		11600	1	05/23/2025 09:18	WG2521444
Magnesium	1820000		116000	1	05/23/2025 09:18	WG2521444
Manganese	136000		1160	1	05/23/2025 09:18	WG2521444
Potassium	1170000		116000	1	05/23/2025 09:18	WG2521444
Sodium	ND		116000	1	05/23/2025 09:18	WG2521444
Thallium	ND		2330	1	05/23/2025 09:18	WG2521444
Vanadium	8650		2330	1	05/23/2025 09:18	WG2521444

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

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Acetone	ND		66.4	1	05/22/2025 21:38	WG2521546
Acrylonitrile	ND	C3	16.6	1	05/22/2025 21:38	WG2521546
Bromobenzene	ND		16.6	1	05/22/2025 21:38	WG2521546
Bromodichloromethane	ND		3.32	1	05/22/2025 21:38	WG2521546
Bromoform	ND	C3	33.2	1	05/22/2025 21:38	WG2521546

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

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Bromomethane	ND		16.6	1	05/22/2025 21:38	WG2521546
n-Butylbenzene	ND		16.6	1	05/22/2025 21:38	WG2521546
sec-Butylbenzene	ND		16.6	1	05/22/2025 21:38	WG2521546
tert-Butylbenzene	ND		6.64	1	05/22/2025 21:38	WG2521546
Carbon tetrachloride	ND		6.64	1	05/22/2025 21:38	WG2521546
Chlorobenzene	ND		3.32	1	05/22/2025 21:38	WG2521546
Chlorodibromomethane	ND		3.32	1	05/22/2025 21:38	WG2521546
Chloroethane	ND		6.64	1	05/22/2025 21:38	WG2521546
Chloroform	ND		3.32	1	05/22/2025 21:38	WG2521546
Chloromethane	ND	C3	16.6	1	05/22/2025 21:38	WG2521546
2-Chlorotoluene	ND		3.32	1	05/22/2025 21:38	WG2521546
4-Chlorotoluene	ND		6.64	1	05/22/2025 21:38	WG2521546
1,2-Dibromo-3-Chloropropane	ND	C3	33.2	1	05/22/2025 21:38	WG2521546
1,2-Dibromoethane	ND		3.32	1	05/22/2025 21:38	WG2521546
Dibromomethane	ND		6.64	1	05/22/2025 21:38	WG2521546
1,2-Dichlorobenzene	ND		6.64	1	05/22/2025 21:38	WG2521546
1,3-Dichlorobenzene	ND		6.64	1	05/22/2025 21:38	WG2521546
1,4-Dichlorobenzene	ND		6.64	1	05/22/2025 21:38	WG2521546
Dichlorodifluoromethane	ND	C3	6.64	1	05/22/2025 21:38	WG2521546
1,1-Dichloroethane	ND		3.32	1	05/22/2025 21:38	WG2521546
1,2-Dichloroethane	ND		3.32	1	05/22/2025 21:38	WG2521546
1,1-Dichloroethene	ND	C3	3.32	1	05/22/2025 21:38	WG2521546
cis-1,2-Dichloroethene	ND		3.32	1	05/22/2025 21:38	WG2521546
trans-1,2-Dichloroethene	ND		6.64	1	05/22/2025 21:38	WG2521546
1,2-Dichloropropane	ND		6.64	1	05/22/2025 21:38	WG2521546
1,1-Dichloropropene	ND		3.32	1	05/22/2025 21:38	WG2521546
1,3-Dichloropropane	ND		6.64	1	05/22/2025 21:38	WG2521546
cis-1,3-Dichloropropene	ND		3.32	1	05/22/2025 21:38	WG2521546
trans-1,3-Dichloropropene	ND		6.64	1	05/22/2025 21:38	WG2521546
2,2-Dichloropropane	ND		3.32	1	05/22/2025 21:38	WG2521546
Di-isopropyl ether	ND		1.33	1	05/22/2025 21:38	WG2521546
Hexachloro-1,3-butadiene	ND	C3	33.2	1	05/22/2025 21:38	WG2521546
Isopropylbenzene	ND		3.32	1	05/22/2025 21:38	WG2521546
p-Isopropyltoluene	ND		6.64	1	05/22/2025 21:38	WG2521546
2-Butanone (MEK)	ND		133	1	05/22/2025 21:38	WG2521546
Methylene Chloride	ND		33.2	1	05/22/2025 21:38	WG2521546
4-Methyl-2-pentanone (MIBK)	ND		33.2	1	05/22/2025 21:38	WG2521546
Methyl tert-butyl ether	ND		1.33	1	05/22/2025 21:38	WG2521546
n-Propylbenzene	ND		6.64	1	05/22/2025 21:38	WG2521546
Styrene	ND		16.6	1	05/22/2025 21:38	WG2521546
1,1,1,2-Tetrachloroethane	ND		3.32	1	05/22/2025 21:38	WG2521546
1,1,2,2-Tetrachloroethane	ND		3.32	1	05/22/2025 21:38	WG2521546
1,1,2-Trichlorotrifluoroethane	ND	C3	3.32	1	05/22/2025 21:38	WG2521546
Tetrachloroethene	ND		3.32	1	05/22/2025 21:38	WG2521546
1,2,3-Trichlorobenzene	ND	C3	16.6	1	05/22/2025 21:38	WG2521546
1,2,4-Trichlorobenzene	ND	C3	16.6	1	05/22/2025 21:38	WG2521546
1,1,1-Trichloroethane	ND		3.32	1	05/22/2025 21:38	WG2521546
1,1,2-Trichloroethane	ND		3.32	1	05/22/2025 21:38	WG2521546
Trichloroethene	ND		1.33	1	05/22/2025 21:38	WG2521546
Trichlorofluoromethane	ND		3.32	1	05/22/2025 21:38	WG2521546
1,2,3-Trichloropropane	ND		16.6	1	05/22/2025 21:38	WG2521546
1,2,3-Trimethylbenzene	ND		6.64	1	05/22/2025 21:38	WG2521546
Vinyl chloride	ND		3.32	1	05/22/2025 21:38	WG2521546
(S) Toluene-d8	*101*		*75.0-131*		*05/22/2025 21:38*	WG2521546
(S) 4-Bromofluorobenzene	*103*		*67.0-138*		*05/22/2025 21:38*	WG2521546
(S) 1,2-Dichloroethane-d4	*94.5*		*70.0-130*		*05/22/2025 21:38*	WG2521546

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

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Acenaphthylene	ND		38.7	1	05/23/2025 03:49	WG2521431
Benzidine	ND		1940	1	05/23/2025 03:49	WG2521431
Benzo(g,h,i)perylene	ND		38.7	1	05/23/2025 03:49	WG2521431
Bis(2-chlorethoxy)methane	ND		387	1	05/23/2025 03:49	WG2521431
Bis(2-chloroethyl)ether	ND		387	1	05/23/2025 03:49	WG2521431
2,2-Oxybis(1-Chloropropane)	ND		387	1	05/23/2025 03:49	WG2521431
4-Bromophenyl-phenylether	ND		387	1	05/23/2025 03:49	WG2521431
2-Chloronaphthalene	ND		38.7	1	05/23/2025 03:49	WG2521431
4-Chlorophenyl-phenylether	ND		387	1	05/23/2025 03:49	WG2521431
1,2-Dichlorobenzene	ND		387	1	05/23/2025 03:49	WG2521431
1,3-Dichlorobenzene	ND		387	1	05/23/2025 03:49	WG2521431
1,4-Dichlorobenzene	ND		387	1	05/23/2025 03:49	WG2521431
3,3-Dichlorobenzidine	ND		387	1	05/23/2025 03:49	WG2521431
2,4-Dinitrotoluene	ND		387	1	05/23/2025 03:49	WG2521431
2,6-Dinitrotoluene	ND		387	1	05/23/2025 03:49	WG2521431
Hexachlorobenzene	ND		387	1	05/23/2025 03:49	WG2521431
Hexachloro-1,3-butadiene	ND		387	1	05/23/2025 03:49	WG2521431
Hexachlorocyclopentadiene	ND	C7	387	1	05/23/2025 03:49	WG2521431
Hexachloroethane	ND		387	1	05/23/2025 03:49	WG2521431
Isophorone	ND		387	1	05/23/2025 03:49	WG2521431
Nitrobenzene	ND		387	1	05/23/2025 03:49	WG2521431
n-Nitrosodimethylamine	ND		387	1	05/23/2025 03:49	WG2521431
n-Nitrosodiphenylamine	ND		387	1	05/23/2025 03:49	WG2521431
n-Nitrosodi-n-propylamine	ND		387	1	05/23/2025 03:49	WG2521431
Phenanthrene	ND		38.7	1	05/23/2025 03:49	WG2521431
Benzylbutyl phthalate	ND		387	1	05/23/2025 03:49	WG2521431
Bis(2-ethylhexyl)phthalate	ND		387	1	05/23/2025 03:49	WG2521431
Di-n-butyl phthalate	ND		387	1	05/23/2025 03:49	WG2521431
Diethyl phthalate	ND		387	1	05/23/2025 03:49	WG2521431
Dimethyl phthalate	ND		387	1	05/23/2025 03:49	WG2521431
Di-n-octyl phthalate	ND		387	1	05/23/2025 03:49	WG2521431
1,2,4-Trichlorobenzene	ND		387	1	05/23/2025 03:49	WG2521431
4-Chloro-3-methylphenol	ND		387	1	05/23/2025 03:49	WG2521431
2-Chlorophenol	ND		387	1	05/23/2025 03:49	WG2521431
2,4-Dichlorophenol	ND		387	1	05/23/2025 03:49	WG2521431
2,4-Dimethylphenol	ND		387	1	05/23/2025 03:49	WG2521431
4,6-Dinitro-2-methylphenol	ND		387	1	05/23/2025 03:49	WG2521431
2,4-Dinitrophenol	ND		387	1	05/23/2025 03:49	WG2521431
2-Nitrophenol	ND		387	1	05/23/2025 03:49	WG2521431
4-Nitrophenol	ND		387	1	05/23/2025 03:49	WG2521431
Pentachlorophenol	ND		387	1	05/23/2025 03:49	WG2521431
Phenol	ND		387	1	05/23/2025 03:49	WG2521431
2,4,6-Trichlorophenol	ND		387	1	05/23/2025 03:49	WG2521431
(S) 2-Fluorophenol	*77.7*		*12.0-120*		*05/23/2025 03:49*	WG2521431
(S) Phenol-d5	*70.0*		*10.0-120*		*05/23/2025 03:49*	WG2521431
(S) Nitrobenzene-d5	*71.5*		*10.0-122*		*05/23/2025 03:49*	WG2521431
(S) 2-Fluorobiphenyl	*64.5*		*15.0-120*		*05/23/2025 03:49*	WG2521431
(S) 2,4,6-Tribromophenol	*70.9*		*10.0-127*		*05/23/2025 03:49*	WG2521431
(S) p-Terphenyl-d14	*73.0*		*10.0-120*		*05/23/2025 03:49*	WG2521431

Calculated Results

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Total Nitrogen	1480000		22300	1	05/23/2025 21:00	WG2521415

Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	89.6		1	05/22/2025 17:11	WG2521275

Wet Chemistry by Method 350.1

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Ammonia Nitrogen	ND		11200	1	05/24/2025 18:35	WG2521801

Wet Chemistry by Method 4500NOrg D-2021

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Kjeldahl Nitrogen, TKN	1470000		112000	5	05/23/2025 21:00	WG2521605

Wet Chemistry by Method 9056A

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	ND		22300	1	05/23/2025 10:31	WG2521415

Wet Chemistry by Method WALKLEY-BLACK

Analyte	Result ug/kg	Qualifier	RDL ug/kg	Dilution	Analysis date / time	Batch
TOC By Walkley Black	27900000		900000	9	05/23/2025 12:20	WG2521494

Metals (ICP) by Method 6010D

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Aluminum	2560000		22300	1	05/23/2025 09:20	WG2521444
Antimony	ND		2230	1	05/23/2025 09:20	WG2521444
Beryllium	377		223	1	05/23/2025 09:20	WG2521444
Calcium	13000000		112000	1	05/23/2025 09:20	WG2521444
Chromium	3010		1120	1	05/23/2025 09:20	WG2521444
Cobalt	3170		1120	1	05/23/2025 09:20	WG2521444
Iron	4640000		11200	1	05/23/2025 09:20	WG2521444
Magnesium	1830000		112000	1	05/23/2025 09:20	WG2521444
Manganese	149000		1120	1	05/23/2025 09:20	WG2521444
Potassium	1730000		112000	1	05/23/2025 09:20	WG2521444
Sodium	116000		112000	1	05/23/2025 09:20	WG2521444
Thallium	ND		2230	1	05/23/2025 09:20	WG2521444
Vanadium	9510		2230	1	05/23/2025 09:20	WG2521444

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

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Acetone	ND		61.6	1	05/22/2025 21:57	WG2521546
Acrylonitrile	ND	C3	15.4	1	05/22/2025 21:57	WG2521546
Bromobenzene	ND		15.4	1	05/22/2025 21:57	WG2521546
Bromodichloromethane	ND		3.08	1	05/22/2025 21:57	WG2521546
Bromoform	ND	C3	30.8	1	05/22/2025 21:57	WG2521546

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

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Bromomethane	ND		15.4	1	05/22/2025 21:57	WG2521546
n-Butylbenzene	ND		15.4	1	05/22/2025 21:57	WG2521546
sec-Butylbenzene	ND		15.4	1	05/22/2025 21:57	WG2521546
tert-Butylbenzene	ND		6.16	1	05/22/2025 21:57	WG2521546
Carbon tetrachloride	ND		6.16	1	05/22/2025 21:57	WG2521546
Chlorobenzene	ND		3.08	1	05/22/2025 21:57	WG2521546
Chlorodibromomethane	ND		3.08	1	05/22/2025 21:57	WG2521546
Chloroethane	ND		6.16	1	05/22/2025 21:57	WG2521546
Chloroform	ND		3.08	1	05/22/2025 21:57	WG2521546
Chloromethane	ND	C3	15.4	1	05/22/2025 21:57	WG2521546
2-Chlorotoluene	ND		3.08	1	05/22/2025 21:57	WG2521546
4-Chlorotoluene	ND		6.16	1	05/22/2025 21:57	WG2521546
1,2-Dibromo-3-Chloropropane	ND	C3	30.8	1	05/22/2025 21:57	WG2521546
1,2-Dibromoethane	ND		3.08	1	05/22/2025 21:57	WG2521546
Dibromomethane	ND		6.16	1	05/22/2025 21:57	WG2521546
1,2-Dichlorobenzene	ND		6.16	1	05/22/2025 21:57	WG2521546
1,3-Dichlorobenzene	ND		6.16	1	05/22/2025 21:57	WG2521546
1,4-Dichlorobenzene	ND		6.16	1	05/22/2025 21:57	WG2521546
Dichlorodifluoromethane	ND	C3	6.16	1	05/22/2025 21:57	WG2521546
1,1-Dichloroethane	ND		3.08	1	05/22/2025 21:57	WG2521546
1,2-Dichloroethane	ND		3.08	1	05/22/2025 21:57	WG2521546
1,1-Dichloroethene	ND	C3	3.08	1	05/22/2025 21:57	WG2521546
cis-1,2-Dichloroethene	ND		3.08	1	05/22/2025 21:57	WG2521546
trans-1,2-Dichloroethene	ND		6.16	1	05/22/2025 21:57	WG2521546
1,2-Dichloropropane	ND		6.16	1	05/22/2025 21:57	WG2521546
1,1-Dichloropropene	ND		3.08	1	05/22/2025 21:57	WG2521546
1,3-Dichloropropane	ND		6.16	1	05/22/2025 21:57	WG2521546
cis-1,3-Dichloropropene	ND		3.08	1	05/22/2025 21:57	WG2521546
trans-1,3-Dichloropropene	ND		6.16	1	05/22/2025 21:57	WG2521546
2,2-Dichloropropane	ND		3.08	1	05/22/2025 21:57	WG2521546
Di-isopropyl ether	ND		1.23	1	05/22/2025 21:57	WG2521546
Hexachloro-1,3-butadiene	ND	C3	30.8	1	05/22/2025 21:57	WG2521546
Isopropylbenzene	ND		3.08	1	05/22/2025 21:57	WG2521546
p-Isopropyltoluene	ND		6.16	1	05/22/2025 21:57	WG2521546
2-Butanone (MEK)	ND		123	1	05/22/2025 21:57	WG2521546
Methylene Chloride	ND		30.8	1	05/22/2025 21:57	WG2521546
4-Methyl-2-pentanone (MIBK)	ND		30.8	1	05/22/2025 21:57	WG2521546
Methyl tert-butyl ether	ND		1.23	1	05/22/2025 21:57	WG2521546
n-Propylbenzene	ND		6.16	1	05/22/2025 21:57	WG2521546
Styrene	ND		15.4	1	05/22/2025 21:57	WG2521546
1,1,1,2-Tetrachloroethane	ND		3.08	1	05/22/2025 21:57	WG2521546
1,1,2,2-Tetrachloroethane	ND		3.08	1	05/22/2025 21:57	WG2521546
1,1,2-Trichlorotrifluoroethane	ND	C3	3.08	1	05/22/2025 21:57	WG2521546
Tetrachloroethene	ND		3.08	1	05/22/2025 21:57	WG2521546
1,2,3-Trichlorobenzene	ND	C3	15.4	1	05/22/2025 21:57	WG2521546
1,2,4-Trichlorobenzene	ND	C3	15.4	1	05/22/2025 21:57	WG2521546
1,1,1-Trichloroethane	ND		3.08	1	05/22/2025 21:57	WG2521546
1,1,2-Trichloroethane	ND		3.08	1	05/22/2025 21:57	WG2521546
Trichloroethene	ND		1.23	1	05/22/2025 21:57	WG2521546
Trichlorofluoromethane	ND		3.08	1	05/22/2025 21:57	WG2521546
1,2,3-Trichloropropane	ND		15.4	1	05/22/2025 21:57	WG2521546
1,2,3-Trimethylbenzene	ND		6.16	1	05/22/2025 21:57	WG2521546
Vinyl chloride	ND		3.08	1	05/22/2025 21:57	WG2521546
(S) Toluene-d8	*101*		*75.0-131*		*05/22/2025 21:57*	WG2521546
(S) 4-Bromofluorobenzene	*91.5*		*67.0-138*		*05/22/2025 21:57*	WG2521546
(S) 1,2-Dichloroethane-d4	*97.9*		*70.0-130*		*05/22/2025 21:57*	WG2521546

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

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Acenaphthylene	ND		37.2	1	05/23/2025 04:10	WG2521431
Benzidine	ND		1860	1	05/23/2025 04:10	WG2521431
Benzo(g,h,i)perylene	ND		37.2	1	05/23/2025 04:10	WG2521431
Bis(2-chlorethoxy)methane	ND		372	1	05/23/2025 04:10	WG2521431
Bis(2-chloroethyl)ether	ND		372	1	05/23/2025 04:10	WG2521431
2,2-Oxybis(1-Chloropropane)	ND		372	1	05/23/2025 04:10	WG2521431
4-Bromophenyl-phenylether	ND		372	1	05/23/2025 04:10	WG2521431
2-Chloronaphthalene	ND		37.2	1	05/23/2025 04:10	WG2521431
4-Chlorophenyl-phenylether	ND		372	1	05/23/2025 04:10	WG2521431
1,2-Dichlorobenzene	ND		372	1	05/23/2025 04:10	WG2521431
1,3-Dichlorobenzene	ND		372	1	05/23/2025 04:10	WG2521431
1,4-Dichlorobenzene	ND		372	1	05/23/2025 04:10	WG2521431
3,3-Dichlorobenzidine	ND		372	1	05/23/2025 04:10	WG2521431
2,4-Dinitrotoluene	ND		372	1	05/23/2025 04:10	WG2521431
2,6-Dinitrotoluene	ND		372	1	05/23/2025 04:10	WG2521431
Hexachlorobenzene	ND		372	1	05/23/2025 04:10	WG2521431
Hexachloro-1,3-butadiene	ND		372	1	05/23/2025 04:10	WG2521431
Hexachlorocyclopentadiene	ND	C7	372	1	05/23/2025 04:10	WG2521431
Hexachloroethane	ND		372	1	05/23/2025 04:10	WG2521431
Isophorone	ND		372	1	05/23/2025 04:10	WG2521431
Nitrobenzene	ND		372	1	05/23/2025 04:10	WG2521431
n-Nitrosodimethylamine	ND		372	1	05/23/2025 04:10	WG2521431
n-Nitrosodiphenylamine	ND		372	1	05/23/2025 04:10	WG2521431
n-Nitrosodi-n-propylamine	ND		372	1	05/23/2025 04:10	WG2521431
Phenanthrene	ND		37.2	1	05/23/2025 04:10	WG2521431
Benzylbutyl phthalate	ND		372	1	05/23/2025 04:10	WG2521431
Bis(2-ethylhexyl)phthalate	ND		372	1	05/23/2025 04:10	WG2521431
Di-n-butyl phthalate	ND		372	1	05/23/2025 04:10	WG2521431
Diethyl phthalate	ND		372	1	05/23/2025 04:10	WG2521431
Dimethyl phthalate	ND		372	1	05/23/2025 04:10	WG2521431
Di-n-octyl phthalate	ND		372	1	05/23/2025 04:10	WG2521431
1,2,4-Trichlorobenzene	ND		372	1	05/23/2025 04:10	WG2521431
4-Chloro-3-methylphenol	ND		372	1	05/23/2025 04:10	WG2521431
2-Chlorophenol	ND		372	1	05/23/2025 04:10	WG2521431
2,4-Dichlorophenol	ND		372	1	05/23/2025 04:10	WG2521431
2,4-Dimethylphenol	ND		372	1	05/23/2025 04:10	WG2521431
4,6-Dinitro-2-methylphenol	ND		372	1	05/23/2025 04:10	WG2521431
2,4-Dinitrophenol	ND		372	1	05/23/2025 04:10	WG2521431
2-Nitrophenol	ND		372	1	05/23/2025 04:10	WG2521431
4-Nitrophenol	ND		372	1	05/23/2025 04:10	WG2521431
Pentachlorophenol	ND		372	1	05/23/2025 04:10	WG2521431
Phenol	ND		372	1	05/23/2025 04:10	WG2521431
2,4,6-Trichlorophenol	ND		372	1	05/23/2025 04:10	WG2521431
(S) 2-Fluorophenol	*78.9*		*12.0-120*		*05/23/2025 04:10*	WG2521431
(S) Phenol-d5	*70.5*		*10.0-120*		*05/23/2025 04:10*	WG2521431
(S) Nitrobenzene-d5	*70.5*		*10.0-122*		*05/23/2025 04:10*	WG2521431
(S) 2-Fluorobiphenyl	*66.0*		*15.0-120*		*05/23/2025 04:10*	WG2521431
(S) 2,4,6-Tribromophenol	*74.0*		*10.0-127*		*05/23/2025 04:10*	WG2521431
(S) p-Terphenyl-d14	*75.4*		*10.0-120*		*05/23/2025 04:10*	WG2521431

Calculated Results

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Total Nitrogen	2290000		23600	1	05/23/2025 21:01	WG2521415

Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	84.7		1	05/22/2025 17:11	WG2521275

Wet Chemistry by Method 350.1

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Ammonia Nitrogen	ND		11800	1	05/24/2025 18:37	WG2521801

Wet Chemistry by Method 4500NOrg D-2021

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Kjeldahl Nitrogen, TKN	2280000		118000	5	05/23/2025 21:01	WG2521605

Wet Chemistry by Method 9056A

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	ND		23600	1	05/23/2025 10:45	WG2521415

Wet Chemistry by Method WALKLEY-BLACK

Analyte	Result ug/kg	Qualifier	RDL ug/kg	Dilution	Analysis date / time	Batch
TOC By Walkley Black	44500000		1000000	10	05/23/2025 12:22	WG2521494

Metals (ICP) by Method 6010D

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Aluminum	2090000		23600	1	05/23/2025 09:22	WG2521444
Antimony	ND		2360	1	05/23/2025 09:22	WG2521444
Beryllium	263		236	1	05/23/2025 09:22	WG2521444
Calcium	6540000		118000	1	05/23/2025 09:22	WG2521444
Chromium	2370		1180	1	05/23/2025 09:22	WG2521444
Cobalt	2290		1180	1	05/23/2025 09:22	WG2521444
Iron	3470000		11800	1	05/23/2025 09:22	WG2521444
Magnesium	1330000		118000	1	05/23/2025 09:22	WG2521444
Manganese	130000		1180	1	05/23/2025 09:22	WG2521444
Potassium	1730000		118000	1	05/23/2025 09:22	WG2521444
Sodium	ND		118000	1	05/23/2025 09:22	WG2521444
Thallium	ND		2360	1	05/23/2025 09:22	WG2521444
Vanadium	6820		2360	1	05/23/2025 09:22	WG2521444

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

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Acetone	ND		68.1	1	05/22/2025 22:16	WG2521546
Acrylonitrile	ND	C3	17.0	1	05/22/2025 22:16	WG2521546
Bromobenzene	ND		17.0	1	05/22/2025 22:16	WG2521546
Bromodichloromethane	ND		3.40	1	05/22/2025 22:16	WG2521546
Bromoform	ND	C3	34.0	1	05/22/2025 22:16	WG2521546

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

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Bromomethane	ND		17.0	1	05/22/2025 22:16	WG2521546
n-Butylbenzene	ND		17.0	1	05/22/2025 22:16	WG2521546
sec-Butylbenzene	ND		17.0	1	05/22/2025 22:16	WG2521546
tert-Butylbenzene	ND		6.81	1	05/22/2025 22:16	WG2521546
Carbon tetrachloride	ND		6.81	1	05/22/2025 22:16	WG2521546
Chlorobenzene	ND		3.40	1	05/22/2025 22:16	WG2521546
Chlorodibromomethane	ND		3.40	1	05/22/2025 22:16	WG2521546
Chloroethane	ND		6.81	1	05/22/2025 22:16	WG2521546
Chloroform	ND		3.40	1	05/22/2025 22:16	WG2521546
Chloromethane	ND	C3	17.0	1	05/22/2025 22:16	WG2521546
2-Chlorotoluene	ND		3.40	1	05/22/2025 22:16	WG2521546
4-Chlorotoluene	ND		6.81	1	05/22/2025 22:16	WG2521546
1,2-Dibromo-3-Chloropropane	ND	C3	34.0	1	05/22/2025 22:16	WG2521546
1,2-Dibromoethane	ND		3.40	1	05/22/2025 22:16	WG2521546
Dibromomethane	ND		6.81	1	05/22/2025 22:16	WG2521546
1,2-Dichlorobenzene	ND		6.81	1	05/22/2025 22:16	WG2521546
1,3-Dichlorobenzene	ND		6.81	1	05/22/2025 22:16	WG2521546
1,4-Dichlorobenzene	ND		6.81	1	05/22/2025 22:16	WG2521546
Dichlorodifluoromethane	ND	C3	6.81	1	05/22/2025 22:16	WG2521546
1,1-Dichloroethane	ND		3.40	1	05/22/2025 22:16	WG2521546
1,2-Dichloroethane	ND		3.40	1	05/22/2025 22:16	WG2521546
1,1-Dichloroethene	ND	C3	3.40	1	05/22/2025 22:16	WG2521546
cis-1,2-Dichloroethene	ND		3.40	1	05/22/2025 22:16	WG2521546
trans-1,2-Dichloroethene	ND		6.81	1	05/22/2025 22:16	WG2521546
1,2-Dichloropropane	ND		6.81	1	05/22/2025 22:16	WG2521546
1,1-Dichloropropene	ND		3.40	1	05/22/2025 22:16	WG2521546
1,3-Dichloropropane	ND		6.81	1	05/22/2025 22:16	WG2521546
cis-1,3-Dichloropropene	ND		3.40	1	05/22/2025 22:16	WG2521546
trans-1,3-Dichloropropene	ND		6.81	1	05/22/2025 22:16	WG2521546
2,2-Dichloropropane	ND		3.40	1	05/22/2025 22:16	WG2521546
Di-isopropyl ether	ND		1.36	1	05/22/2025 22:16	WG2521546
Hexachloro-1,3-butadiene	ND	C3	34.0	1	05/22/2025 22:16	WG2521546
Isopropylbenzene	ND		3.40	1	05/22/2025 22:16	WG2521546
p-Isopropyltoluene	ND		6.81	1	05/22/2025 22:16	WG2521546
2-Butanone (MEK)	ND		136	1	05/22/2025 22:16	WG2521546
Methylene Chloride	ND		34.0	1	05/22/2025 22:16	WG2521546
4-Methyl-2-pentanone (MIBK)	ND		34.0	1	05/22/2025 22:16	WG2521546
Methyl tert-butyl ether	ND		1.36	1	05/22/2025 22:16	WG2521546
n-Propylbenzene	ND		6.81	1	05/22/2025 22:16	WG2521546
Styrene	ND		17.0	1	05/22/2025 22:16	WG2521546
1,1,1,2-Tetrachloroethane	ND		3.40	1	05/22/2025 22:16	WG2521546
1,1,2,2-Tetrachloroethane	ND		3.40	1	05/22/2025 22:16	WG2521546
1,1,2-Trichlorotrifluoroethane	ND	C3	3.40	1	05/22/2025 22:16	WG2521546
Tetrachloroethene	ND		3.40	1	05/22/2025 22:16	WG2521546
1,2,3-Trichlorobenzene	ND	C3	17.0	1	05/22/2025 22:16	WG2521546
1,2,4-Trichlorobenzene	ND	C3	17.0	1	05/22/2025 22:16	WG2521546
1,1,1-Trichloroethane	ND		3.40	1	05/22/2025 22:16	WG2521546
1,1,2-Trichloroethane	ND		3.40	1	05/22/2025 22:16	WG2521546
Trichloroethene	ND		1.36	1	05/22/2025 22:16	WG2521546
Trichlorofluoromethane	ND		3.40	1	05/22/2025 22:16	WG2521546
1,2,3-Trichloropropane	ND		17.0	1	05/22/2025 22:16	WG2521546
1,2,3-Trimethylbenzene	ND		6.81	1	05/22/2025 22:16	WG2521546
Vinyl chloride	ND		3.40	1	05/22/2025 22:16	WG2521546
(S) Toluene-d8	*91.2*		*75.0-131*		*05/22/2025 22:16*	WG2521546
(S) 4-Bromofluorobenzene	*96.8*		*67.0-138*		*05/22/2025 22:16*	WG2521546
(S) 1,2-Dichloroethane-d4	*101*		*70.0-130*		*05/22/2025 22:16*	WG2521546

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

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Acenaphthylene	ND		39.3	1	05/23/2025 04:07	WG2521431
Benzidine	ND	C7	1970	1	05/23/2025 04:07	WG2521431
Benzo(g,h,i)perylene	ND		39.3	1	05/23/2025 04:07	WG2521431
Bis(2-chlorethoxy)methane	ND		393	1	05/23/2025 04:07	WG2521431
Bis(2-chloroethyl)ether	ND		393	1	05/23/2025 04:07	WG2521431
2,2-Oxybis(1-Chloropropane)	ND		393	1	05/23/2025 04:07	WG2521431
4-Bromophenyl-phenylether	ND		393	1	05/23/2025 04:07	WG2521431
2-Chloronaphthalene	ND		39.3	1	05/23/2025 04:07	WG2521431
4-Chlorophenyl-phenylether	ND		393	1	05/23/2025 04:07	WG2521431
1,2-Dichlorobenzene	ND		393	1	05/23/2025 04:07	WG2521431
1,3-Dichlorobenzene	ND		393	1	05/23/2025 04:07	WG2521431
1,4-Dichlorobenzene	ND		393	1	05/23/2025 04:07	WG2521431
3,3-Dichlorobenzidine	ND		393	1	05/23/2025 04:07	WG2521431
2,4-Dinitrotoluene	ND		393	1	05/23/2025 04:07	WG2521431
2,6-Dinitrotoluene	ND		393	1	05/23/2025 04:07	WG2521431
Hexachlorobenzene	ND		393	1	05/23/2025 04:07	WG2521431
Hexachloro-1,3-butadiene	ND		393	1	05/23/2025 04:07	WG2521431
Hexachlorocyclopentadiene	ND	C3 C7	393	1	05/23/2025 04:07	WG2521431
Hexachloroethane	ND		393	1	05/23/2025 04:07	WG2521431
Isophorone	ND		393	1	05/23/2025 04:07	WG2521431
Nitrobenzene	ND		393	1	05/23/2025 04:07	WG2521431
n-Nitrosodimethylamine	ND		393	1	05/23/2025 04:07	WG2521431
n-Nitrosodiphenylamine	ND		393	1	05/23/2025 04:07	WG2521431
n-Nitrosodi-n-propylamine	ND		393	1	05/23/2025 04:07	WG2521431
Phenanthrene	ND		39.3	1	05/23/2025 04:07	WG2521431
Benzylbutyl phthalate	ND		393	1	05/23/2025 04:07	WG2521431
Bis(2-ethylhexyl)phthalate	ND		393	1	05/23/2025 04:07	WG2521431
Di-n-butyl phthalate	ND		393	1	05/23/2025 04:07	WG2521431
Diethyl phthalate	ND		393	1	05/23/2025 04:07	WG2521431
Dimethyl phthalate	ND		393	1	05/23/2025 04:07	WG2521431
Di-n-octyl phthalate	ND		393	1	05/23/2025 04:07	WG2521431
1,2,4-Trichlorobenzene	ND		393	1	05/23/2025 04:07	WG2521431
4-Chloro-3-methylphenol	ND		393	1	05/23/2025 04:07	WG2521431
2-Chlorophenol	ND		393	1	05/23/2025 04:07	WG2521431
2,4-Dichlorophenol	ND		393	1	05/23/2025 04:07	WG2521431
2,4-Dimethylphenol	ND		393	1	05/23/2025 04:07	WG2521431
4,6-Dinitro-2-methylphenol	ND		393	1	05/23/2025 04:07	WG2521431
2,4-Dinitrophenol	ND		393	1	05/23/2025 04:07	WG2521431
2-Nitrophenol	ND		393	1	05/23/2025 04:07	WG2521431
4-Nitrophenol	ND		393	1	05/23/2025 04:07	WG2521431
Pentachlorophenol	ND		393	1	05/23/2025 04:07	WG2521431
Phenol	ND		393	1	05/23/2025 04:07	WG2521431
2,4,6-Trichlorophenol	ND		393	1	05/23/2025 04:07	WG2521431
(S) 2-Fluorophenol	*70.6*		*12.0-120*		*05/23/2025 04:07*	WG2521431
(S) Phenol-d5	*62.6*		*10.0-120*		*05/23/2025 04:07*	WG2521431
(S) Nitrobenzene-d5	*60.9*		*10.0-122*		*05/23/2025 04:07*	WG2521431
(S) 2-Fluorobiphenyl	*61.2*		*15.0-120*		*05/23/2025 04:07*	WG2521431
(S) 2,4,6-Tribromophenol	*71.1*		*10.0-127*		*05/23/2025 04:07*	WG2521431
(S) p-Terphenyl-d14	*65.8*		*10.0-120*		*05/23/2025 04:07*	WG2521431

Calculated Results

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Total Nitrogen	1950000		22900	1	05/24/2025 14:20	WG2521477

Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	87.5		1	05/22/2025 15:51	WG2521276

Wet Chemistry by Method 350.1

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Ammonia Nitrogen	ND		11400	1	05/24/2025 18:43	WG2521801

Wet Chemistry by Method 4500NOrg D-2021

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Kjeldahl Nitrogen, TKN	1940000		114000	5	05/24/2025 14:20	WG2521790

Wet Chemistry by Method 9056A

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	ND		22900	1	05/23/2025 07:29	WG2521477

Wet Chemistry by Method WALKLEY-BLACK

Analyte	Result ug/kg	Qualifier	RDL ug/kg	Dilution	Analysis date / time	Batch
TOC By Walkley Black	9250000		1000000	10	05/23/2025 12:23	WG2521494

Metals (ICP) by Method 6010D

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Aluminum	2180000		22900	1	05/23/2025 09:27	WG2521444
Antimony	ND		2290	1	05/23/2025 09:27	WG2521444
Beryllium	260		229	1	05/23/2025 09:27	WG2521444
Calcium	6220000		114000	1	05/23/2025 09:27	WG2521444
Chromium	2400		1140	1	05/23/2025 09:27	WG2521444
Cobalt	2160		1140	1	05/23/2025 09:27	WG2521444
Iron	3970000		11400	1	05/23/2025 09:27	WG2521444
Magnesium	1230000		114000	1	05/23/2025 09:27	WG2521444
Manganese	122000		1140	1	05/23/2025 09:27	WG2521444
Potassium	1660000		114000	1	05/23/2025 09:27	WG2521444
Sodium	ND		114000	1	05/23/2025 09:27	WG2521444
Thallium	ND		2290	1	05/23/2025 09:27	WG2521444
Vanadium	7120		2290	1	05/23/2025 09:27	WG2521444

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

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Acetone	ND		64.3	1	05/22/2025 22:35	WG2521546
Acrylonitrile	ND	C3	16.1	1	05/22/2025 22:35	WG2521546
Bromobenzene	ND		16.1	1	05/22/2025 22:35	WG2521546
Bromodichloromethane	ND		3.22	1	05/22/2025 22:35	WG2521546
Bromoform	ND	C3	32.2	1	05/22/2025 22:35	WG2521546

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

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Bromomethane	ND		16.1	1	05/22/2025 22:35	WG2521546
n-Butylbenzene	ND		16.1	1	05/22/2025 22:35	WG2521546
sec-Butylbenzene	ND		16.1	1	05/22/2025 22:35	WG2521546
tert-Butylbenzene	ND		6.43	1	05/22/2025 22:35	WG2521546
Carbon tetrachloride	ND		6.43	1	05/22/2025 22:35	WG2521546
Chlorobenzene	ND		3.22	1	05/22/2025 22:35	WG2521546
Chlorodibromomethane	ND		3.22	1	05/22/2025 22:35	WG2521546
Chloroethane	ND		6.43	1	05/22/2025 22:35	WG2521546
Chloroform	ND		3.22	1	05/22/2025 22:35	WG2521546
Chloromethane	ND	C3	16.1	1	05/22/2025 22:35	WG2521546
2-Chlorotoluene	ND		3.22	1	05/22/2025 22:35	WG2521546
4-Chlorotoluene	ND		6.43	1	05/22/2025 22:35	WG2521546
1,2-Dibromo-3-Chloropropane	ND	C3	32.2	1	05/22/2025 22:35	WG2521546
1,2-Dibromoethane	ND		3.22	1	05/22/2025 22:35	WG2521546
Dibromomethane	ND		6.43	1	05/22/2025 22:35	WG2521546
1,2-Dichlorobenzene	ND		6.43	1	05/22/2025 22:35	WG2521546
1,3-Dichlorobenzene	ND		6.43	1	05/22/2025 22:35	WG2521546
1,4-Dichlorobenzene	ND		6.43	1	05/22/2025 22:35	WG2521546
Dichlorodifluoromethane	ND	C3	6.43	1	05/22/2025 22:35	WG2521546
1,1-Dichloroethane	ND		3.22	1	05/22/2025 22:35	WG2521546
1,2-Dichloroethane	ND		3.22	1	05/22/2025 22:35	WG2521546
1,1-Dichloroethene	ND	C3	3.22	1	05/22/2025 22:35	WG2521546
cis-1,2-Dichloroethene	ND		3.22	1	05/22/2025 22:35	WG2521546
trans-1,2-Dichloroethene	ND		6.43	1	05/22/2025 22:35	WG2521546
1,2-Dichloropropane	ND		6.43	1	05/22/2025 22:35	WG2521546
1,1-Dichloropropene	ND		3.22	1	05/22/2025 22:35	WG2521546
1,3-Dichloropropane	ND		6.43	1	05/22/2025 22:35	WG2521546
cis-1,3-Dichloropropene	ND		3.22	1	05/22/2025 22:35	WG2521546
trans-1,3-Dichloropropene	ND		6.43	1	05/22/2025 22:35	WG2521546
2,2-Dichloropropane	ND		3.22	1	05/22/2025 22:35	WG2521546
Di-isopropyl ether	ND		1.29	1	05/22/2025 22:35	WG2521546
Hexachloro-1,3-butadiene	ND	C3	32.2	1	05/22/2025 22:35	WG2521546
Isopropylbenzene	ND		3.22	1	05/22/2025 22:35	WG2521546
p-Isopropyltoluene	ND		6.43	1	05/22/2025 22:35	WG2521546
2-Butanone (MEK)	ND		129	1	05/22/2025 22:35	WG2521546
Methylene Chloride	ND		32.2	1	05/22/2025 22:35	WG2521546
4-Methyl-2-pentanone (MIBK)	ND		32.2	1	05/22/2025 22:35	WG2521546
Methyl tert-butyl ether	ND		1.29	1	05/22/2025 22:35	WG2521546
n-Propylbenzene	ND		6.43	1	05/22/2025 22:35	WG2521546
Styrene	ND		16.1	1	05/22/2025 22:35	WG2521546
1,1,1,2-Tetrachloroethane	ND		3.22	1	05/22/2025 22:35	WG2521546
1,1,2,2-Tetrachloroethane	ND		3.22	1	05/22/2025 22:35	WG2521546
1,1,2-Trichlorotrifluoroethane	ND	C3	3.22	1	05/22/2025 22:35	WG2521546
Tetrachloroethene	ND		3.22	1	05/22/2025 22:35	WG2521546
1,2,3-Trichlorobenzene	ND	C3	16.1	1	05/22/2025 22:35	WG2521546
1,2,4-Trichlorobenzene	ND	C3	16.1	1	05/22/2025 22:35	WG2521546
1,1,1-Trichloroethane	ND		3.22	1	05/22/2025 22:35	WG2521546
1,1,2-Trichloroethane	ND		3.22	1	05/22/2025 22:35	WG2521546
Trichloroethene	ND		1.29	1	05/22/2025 22:35	WG2521546
Trichlorofluoromethane	ND		3.22	1	05/22/2025 22:35	WG2521546
1,2,3-Trichloropropane	ND		16.1	1	05/22/2025 22:35	WG2521546
1,2,3-Trimethylbenzene	ND		6.43	1	05/22/2025 22:35	WG2521546
Vinyl chloride	ND		3.22	1	05/22/2025 22:35	WG2521546
(S) Toluene-d8	*94.5*		*75.0-131*		*05/22/2025 22:35*	WG2521546
(S) 4-Bromofluorobenzene	*91.4*		*67.0-138*		*05/22/2025 22:35*	WG2521546
(S) 1,2-Dichloroethane-d4	*107*		*70.0-130*		*05/22/2025 22:35*	WG2521546

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

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Acenaphthylene	ND		76.1	2	05/23/2025 06:12	WG2521431
Benzidine	ND	C7	3820	2	05/23/2025 06:12	WG2521431
Benzo(g,h,i)perylene	ND		76.1	2	05/23/2025 06:12	WG2521431
Bis(2-chlorethoxy)methane	ND		761	2	05/23/2025 06:12	WG2521431
Bis(2-chloroethyl)ether	ND		761	2	05/23/2025 06:12	WG2521431
2,2-Oxybis(1-Chloropropane)	ND		761	2	05/23/2025 06:12	WG2521431
4-Bromophenyl-phenylether	ND		761	2	05/23/2025 06:12	WG2521431
2-Chloronaphthalene	ND		76.1	2	05/23/2025 06:12	WG2521431
4-Chlorophenyl-phenylether	ND		761	2	05/23/2025 06:12	WG2521431
1,2-Dichlorobenzene	ND		761	2	05/23/2025 06:12	WG2521431
1,3-Dichlorobenzene	ND		761	2	05/23/2025 06:12	WG2521431
1,4-Dichlorobenzene	ND		761	2	05/23/2025 06:12	WG2521431
3,3-Dichlorobenzidine	ND		761	2	05/23/2025 06:12	WG2521431
2,4-Dinitrotoluene	ND		761	2	05/23/2025 06:12	WG2521431
2,6-Dinitrotoluene	ND		761	2	05/23/2025 06:12	WG2521431
Hexachlorobenzene	ND		761	2	05/23/2025 06:12	WG2521431
Hexachloro-1,3-butadiene	ND		761	2	05/23/2025 06:12	WG2521431
Hexachlorocyclopentadiene	ND	C3 C7	761	2	05/23/2025 06:12	WG2521431
Hexachloroethane	ND		761	2	05/23/2025 06:12	WG2521431
Isophorone	ND		761	2	05/23/2025 06:12	WG2521431
Nitrobenzene	ND		761	2	05/23/2025 06:12	WG2521431
n-Nitrosodimethylamine	ND		761	2	05/23/2025 06:12	WG2521431
n-Nitrosodiphenylamine	ND		761	2	05/23/2025 06:12	WG2521431
n-Nitrosodi-n-propylamine	ND		761	2	05/23/2025 06:12	WG2521431
Phenanthrene	ND		76.1	2	05/23/2025 06:12	WG2521431
Benzylbutyl phthalate	ND		761	2	05/23/2025 06:12	WG2521431
Bis(2-ethylhexyl)phthalate	ND		761	2	05/23/2025 06:12	WG2521431
Di-n-butyl phthalate	ND		761	2	05/23/2025 06:12	WG2521431
Diethyl phthalate	ND		761	2	05/23/2025 06:12	WG2521431
Dimethyl phthalate	ND		761	2	05/23/2025 06:12	WG2521431
Di-n-octyl phthalate	ND		761	2	05/23/2025 06:12	WG2521431
1,2,4-Trichlorobenzene	ND		761	2	05/23/2025 06:12	WG2521431
4-Chloro-3-methylphenol	ND		761	2	05/23/2025 06:12	WG2521431
2-Chlorophenol	ND		761	2	05/23/2025 06:12	WG2521431
2,4-Dichlorophenol	ND		761	2	05/23/2025 06:12	WG2521431
2,4-Dimethylphenol	ND		761	2	05/23/2025 06:12	WG2521431
4,6-Dinitro-2-methylphenol	ND		761	2	05/23/2025 06:12	WG2521431
2,4-Dinitrophenol	ND		761	2	05/23/2025 06:12	WG2521431
2-Nitrophenol	ND		761	2	05/23/2025 06:12	WG2521431
4-Nitrophenol	ND		761	2	05/23/2025 06:12	WG2521431
Pentachlorophenol	ND		761	2	05/23/2025 06:12	WG2521431
Phenol	ND		761	2	05/23/2025 06:12	WG2521431
2,4,6-Trichlorophenol	ND		761	2	05/23/2025 06:12	WG2521431
(S) 2-Fluorophenol	*70.9*		*12.0-120*		*05/23/2025 06:12*	WG2521431
(S) Phenol-d5	*64.0*		*10.0-120*		*05/23/2025 06:12*	WG2521431
(S) Nitrobenzene-d5	*64.6*		*10.0-122*		*05/23/2025 06:12*	WG2521431
(S) 2-Fluorobiphenyl	*63.4*		*15.0-120*		*05/23/2025 06:12*	WG2521431
(S) 2,4,6-Tribromophenol	*84.0*		*10.0-127*		*05/23/2025 06:12*	WG2521431
(S) p-Terphenyl-d14	*66.8*		*10.0-120*		*05/23/2025 06:12*	WG2521431

Sample Narrative:

L1861761-10 WG2521431: Dilution due to matrix impact during extraction procedure

Calculated Results

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Total Nitrogen	224000		20700	1	05/24/2025 14:23	WG2521477

Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	96.6		1	05/22/2025 15:51	WG2521276

Wet Chemistry by Method 350.1

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Ammonia Nitrogen	ND		10400	1	05/24/2025 18:44	WG2521801

Wet Chemistry by Method 4500NOrg D-2021

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Kjeldahl Nitrogen, TKN	200000		104000	5	05/24/2025 14:23	WG2521790

Wet Chemistry by Method 9056A

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	23700		20700	1	05/23/2025 07:45	WG2521477

Wet Chemistry by Method WALKLEY-BLACK

Analyte	Result ug/kg	Qualifier	RDL ug/kg	Dilution	Analysis date / time	Batch
TOC By Walkley Black	22100000		900000	9	05/23/2025 12:23	WG2521494

Metals (ICP) by Method 6010D

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Aluminum	2390000		20700	1	05/23/2025 09:28	WG2521444
Antimony	ND		2070	1	05/23/2025 09:28	WG2521444
Beryllium	ND		207	1	05/23/2025 09:28	WG2521444
Calcium	2800000		104000	1	05/23/2025 09:28	WG2521444
Chromium	3090		1040	1	05/23/2025 09:28	WG2521444
Cobalt	2050		1040	1	05/23/2025 09:28	WG2521444
Iron	5490000		10400	1	05/23/2025 09:28	WG2521444
Magnesium	1330000		104000	1	05/23/2025 09:28	WG2521444
Manganese	122000		1040	1	05/23/2025 09:28	WG2521444
Potassium	601000		104000	1	05/23/2025 09:28	WG2521444
Sodium	ND		104000	1	05/23/2025 09:28	WG2521444
Thallium	ND		2070	1	05/23/2025 09:28	WG2521444
Vanadium	6450		2070	1	05/23/2025 09:28	WG2521444

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

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Acetone	ND		53.6	1	05/22/2025 22:55	WG2521546
Acrylonitrile	ND	C3	13.4	1	05/22/2025 22:55	WG2521546
Bromobenzene	ND		13.4	1	05/22/2025 22:55	WG2521546
Bromodichloromethane	ND		2.68	1	05/22/2025 22:55	WG2521546
Bromoform	ND	C3	26.8	1	05/22/2025 22:55	WG2521546

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

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Bromomethane	ND		13.4	1	05/22/2025 22:55	WG2521546
n-Butylbenzene	ND		13.4	1	05/22/2025 22:55	WG2521546
sec-Butylbenzene	ND		13.4	1	05/22/2025 22:55	WG2521546
tert-Butylbenzene	ND		5.36	1	05/22/2025 22:55	WG2521546
Carbon tetrachloride	ND		5.36	1	05/22/2025 22:55	WG2521546
Chlorobenzene	ND		2.68	1	05/22/2025 22:55	WG2521546
Chlorodibromomethane	ND		2.68	1	05/22/2025 22:55	WG2521546
Chloroethane	ND		5.36	1	05/22/2025 22:55	WG2521546
Chloroform	ND		2.68	1	05/22/2025 22:55	WG2521546
Chloromethane	ND	C3	13.4	1	05/22/2025 22:55	WG2521546
2-Chlorotoluene	ND		2.68	1	05/22/2025 22:55	WG2521546
4-Chlorotoluene	ND		5.36	1	05/22/2025 22:55	WG2521546
1,2-Dibromo-3-Chloropropane	ND	C3	26.8	1	05/22/2025 22:55	WG2521546
1,2-Dibromoethane	ND		2.68	1	05/22/2025 22:55	WG2521546
Dibromomethane	ND		5.36	1	05/22/2025 22:55	WG2521546
1,2-Dichlorobenzene	ND		5.36	1	05/22/2025 22:55	WG2521546
1,3-Dichlorobenzene	ND		5.36	1	05/22/2025 22:55	WG2521546
1,4-Dichlorobenzene	ND		5.36	1	05/22/2025 22:55	WG2521546
Dichlorodifluoromethane	ND	C3	5.36	1	05/22/2025 22:55	WG2521546
1,1-Dichloroethane	ND		2.68	1	05/22/2025 22:55	WG2521546
1,2-Dichloroethane	ND		2.68	1	05/22/2025 22:55	WG2521546
1,1-Dichloroethene	ND	C3	2.68	1	05/22/2025 22:55	WG2521546
cis-1,2-Dichloroethene	ND		2.68	1	05/22/2025 22:55	WG2521546
trans-1,2-Dichloroethene	ND		5.36	1	05/22/2025 22:55	WG2521546
1,2-Dichloropropane	ND		5.36	1	05/22/2025 22:55	WG2521546
1,1-Dichloropropene	ND		2.68	1	05/22/2025 22:55	WG2521546
1,3-Dichloropropane	ND		5.36	1	05/22/2025 22:55	WG2521546
cis-1,3-Dichloropropene	ND		2.68	1	05/22/2025 22:55	WG2521546
trans-1,3-Dichloropropene	ND		5.36	1	05/22/2025 22:55	WG2521546
2,2-Dichloropropane	ND		2.68	1	05/22/2025 22:55	WG2521546
Di-isopropyl ether	ND		1.07	1	05/22/2025 22:55	WG2521546
Hexachloro-1,3-butadiene	ND	C3	26.8	1	05/22/2025 22:55	WG2521546
Isopropylbenzene	ND		2.68	1	05/22/2025 22:55	WG2521546
p-Isopropyltoluene	ND		5.36	1	05/22/2025 22:55	WG2521546
2-Butanone (MEK)	ND		107	1	05/22/2025 22:55	WG2521546
Methylene Chloride	ND		26.8	1	05/22/2025 22:55	WG2521546
4-Methyl-2-pentanone (MIBK)	ND		26.8	1	05/22/2025 22:55	WG2521546
Methyl tert-butyl ether	ND		1.07	1	05/22/2025 22:55	WG2521546
n-Propylbenzene	ND		5.36	1	05/22/2025 22:55	WG2521546
Styrene	ND		13.4	1	05/22/2025 22:55	WG2521546
1,1,1,2-Tetrachloroethane	ND		2.68	1	05/22/2025 22:55	WG2521546
1,1,2,2-Tetrachloroethane	ND		2.68	1	05/22/2025 22:55	WG2521546
1,1,2-Trichlorotrifluoroethane	ND	C3	2.68	1	05/22/2025 22:55	WG2521546
Tetrachloroethene	ND		2.68	1	05/22/2025 22:55	WG2521546
1,2,3-Trichlorobenzene	ND	C3	13.4	1	05/22/2025 22:55	WG2521546
1,2,4-Trichlorobenzene	ND	C3	13.4	1	05/22/2025 22:55	WG2521546
1,1,1-Trichloroethane	ND		2.68	1	05/22/2025 22:55	WG2521546
1,1,2-Trichloroethane	ND		2.68	1	05/22/2025 22:55	WG2521546
Trichloroethene	ND		1.07	1	05/22/2025 22:55	WG2521546
Trichlorofluoromethane	ND		2.68	1	05/22/2025 22:55	WG2521546
1,2,3-Trichloropropane	ND		13.4	1	05/22/2025 22:55	WG2521546
1,2,3-Trimethylbenzene	ND		5.36	1	05/22/2025 22:55	WG2521546
Vinyl chloride	ND		2.68	1	05/22/2025 22:55	WG2521546
(S) Toluene-d8	*91.7*		*75.0-131*		*05/22/2025 22:55*	WG2521546
(S) 4-Bromofluorobenzene	*87.6*		*67.0-138*		*05/22/2025 22:55*	WG2521546
(S) 1,2-Dichloroethane-d4	*106*		*70.0-130*		*05/22/2025 22:55*	WG2521546

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

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Acenaphthylene	ND		34.5	1	05/23/2025 03:06	WG2521431
Benzidine	ND		1730	1	05/23/2025 03:06	WG2521431
Benzo(g,h,i)perylene	ND		34.5	1	05/23/2025 03:06	WG2521431
Bis(2-chlorethoxy)methane	ND		345	1	05/23/2025 03:06	WG2521431
Bis(2-chloroethyl)ether	ND		345	1	05/23/2025 03:06	WG2521431
2,2-Oxybis(1-Chloropropane)	ND		345	1	05/23/2025 03:06	WG2521431
4-Bromophenyl-phenylether	ND		345	1	05/23/2025 03:06	WG2521431
2-Chloronaphthalene	ND		34.5	1	05/23/2025 03:06	WG2521431
4-Chlorophenyl-phenylether	ND		345	1	05/23/2025 03:06	WG2521431
1,2-Dichlorobenzene	ND		345	1	05/23/2025 03:06	WG2521431
1,3-Dichlorobenzene	ND		345	1	05/23/2025 03:06	WG2521431
1,4-Dichlorobenzene	ND		345	1	05/23/2025 03:06	WG2521431
3,3-Dichlorobenzidine	ND		345	1	05/23/2025 03:06	WG2521431
2,4-Dinitrotoluene	ND		345	1	05/23/2025 03:06	WG2521431
2,6-Dinitrotoluene	ND		345	1	05/23/2025 03:06	WG2521431
Hexachlorobenzene	ND		345	1	05/23/2025 03:06	WG2521431
Hexachloro-1,3-butadiene	ND		345	1	05/23/2025 03:06	WG2521431
Hexachlorocyclopentadiene	ND	C7	345	1	05/23/2025 03:06	WG2521431
Hexachloroethane	ND		345	1	05/23/2025 03:06	WG2521431
Isophorone	ND		345	1	05/23/2025 03:06	WG2521431
Nitrobenzene	ND		345	1	05/23/2025 03:06	WG2521431
n-Nitrosodimethylamine	ND		345	1	05/23/2025 03:06	WG2521431
n-Nitrosodiphenylamine	ND		345	1	05/23/2025 03:06	WG2521431
n-Nitrosodi-n-propylamine	ND		345	1	05/23/2025 03:06	WG2521431
Phenanthrene	ND		34.5	1	05/23/2025 03:06	WG2521431
Benzylbutyl phthalate	ND		345	1	05/23/2025 03:06	WG2521431
Bis(2-ethylhexyl)phthalate	ND		345	1	05/23/2025 03:06	WG2521431
Di-n-butyl phthalate	ND		345	1	05/23/2025 03:06	WG2521431
Diethyl phthalate	ND		345	1	05/23/2025 03:06	WG2521431
Dimethyl phthalate	ND		345	1	05/23/2025 03:06	WG2521431
Di-n-octyl phthalate	ND		345	1	05/23/2025 03:06	WG2521431
1,2,4-Trichlorobenzene	ND		345	1	05/23/2025 03:06	WG2521431
4-Chloro-3-methylphenol	ND		345	1	05/23/2025 03:06	WG2521431
2-Chlorophenol	ND		345	1	05/23/2025 03:06	WG2521431
2,4-Dichlorophenol	ND		345	1	05/23/2025 03:06	WG2521431
2,4-Dimethylphenol	ND		345	1	05/23/2025 03:06	WG2521431
4,6-Dinitro-2-methylphenol	ND		345	1	05/23/2025 03:06	WG2521431
2,4-Dinitrophenol	ND		345	1	05/23/2025 03:06	WG2521431
2-Nitrophenol	ND		345	1	05/23/2025 03:06	WG2521431
4-Nitrophenol	ND		345	1	05/23/2025 03:06	WG2521431
Pentachlorophenol	ND		345	1	05/23/2025 03:06	WG2521431
Phenol	ND		345	1	05/23/2025 03:06	WG2521431
2,4,6-Trichlorophenol	ND		345	1	05/23/2025 03:06	WG2521431
(S) 2-Fluorophenol	*85.2*		*12.0-120*		*05/23/2025 03:06*	WG2521431
(S) Phenol-d5	*78.5*		*10.0-120*		*05/23/2025 03:06*	WG2521431
(S) Nitrobenzene-d5	*78.3*		*10.0-122*		*05/23/2025 03:06*	WG2521431
(S) 2-Fluorobiphenyl	*70.5*		*15.0-120*		*05/23/2025 03:06*	WG2521431
(S) 2,4,6-Tribromophenol	*80.1*		*10.0-127*		*05/23/2025 03:06*	WG2521431
(S) p-Terphenyl-d14	*83.1*		*10.0-120*		*05/23/2025 03:06*	WG2521431

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND		50.0	1	05/23/2025 03:39	WG2521686
Acrolein	ND		50.0	1	05/23/2025 03:39	WG2521686
Acrylonitrile	ND		10.0	1	05/23/2025 03:39	WG2521686
Benzene	ND		1.00	1	05/23/2025 03:39	WG2521686
Bromobenzene	ND		1.00	1	05/23/2025 03:39	WG2521686
Bromodichloromethane	ND		1.00	1	05/23/2025 03:39	WG2521686
Bromoform	ND		1.00	1	05/23/2025 03:39	WG2521686
Bromomethane	ND	J4	5.00	1	05/23/2025 03:39	WG2521686
n-Butylbenzene	ND		1.00	1	05/23/2025 03:39	WG2521686
sec-Butylbenzene	ND		1.00	1	05/23/2025 03:39	WG2521686
tert-Butylbenzene	ND		1.00	1	05/23/2025 03:39	WG2521686
Carbon tetrachloride	ND		1.00	1	05/23/2025 03:39	WG2521686
Chlorobenzene	ND		1.00	1	05/23/2025 03:39	WG2521686
Chlorodibromomethane	ND		1.00	1	05/23/2025 03:39	WG2521686
Chloroethane	ND		5.00	1	05/23/2025 03:39	WG2521686
Chloroform	ND		5.00	1	05/23/2025 03:39	WG2521686
Chloromethane	ND		2.50	1	05/23/2025 03:39	WG2521686
2-Chlorotoluene	ND		1.00	1	05/23/2025 03:39	WG2521686
4-Chlorotoluene	ND		1.00	1	05/23/2025 03:39	WG2521686
1,2-Dibromo-3-Chloropropane	ND	C3	5.00	1	05/23/2025 03:39	WG2521686
1,2-Dibromoethane	ND		1.00	1	05/23/2025 03:39	WG2521686
Dibromomethane	ND		1.00	1	05/23/2025 03:39	WG2521686
1,2-Dichlorobenzene	ND		1.00	1	05/23/2025 03:39	WG2521686
1,3-Dichlorobenzene	ND		1.00	1	05/23/2025 03:39	WG2521686
1,4-Dichlorobenzene	ND		1.00	1	05/23/2025 03:39	WG2521686
Dichlorodifluoromethane	ND		5.00	1	05/23/2025 03:39	WG2521686
1,1-Dichloroethane	ND		1.00	1	05/23/2025 03:39	WG2521686
1,2-Dichloroethane	ND		1.00	1	05/23/2025 03:39	WG2521686
1,1-Dichloroethene	ND		1.00	1	05/23/2025 03:39	WG2521686
cis-1,2-Dichloroethene	ND		1.00	1	05/23/2025 03:39	WG2521686
trans-1,2-Dichloroethene	ND		1.00	1	05/23/2025 03:39	WG2521686
1,2-Dichloropropane	ND		1.00	1	05/23/2025 03:39	WG2521686
1,1-Dichloropropene	ND		1.00	1	05/23/2025 03:39	WG2521686
1,3-Dichloropropane	ND		1.00	1	05/23/2025 03:39	WG2521686
cis-1,3-Dichloropropene	ND		1.00	1	05/23/2025 03:39	WG2521686
trans-1,3-Dichloropropene	ND		1.00	1	05/23/2025 03:39	WG2521686
2,2-Dichloropropane	ND		1.00	1	05/23/2025 03:39	WG2521686
Di-isopropyl ether	ND		1.00	1	05/23/2025 03:39	WG2521686
Ethylbenzene	ND		1.00	1	05/23/2025 03:39	WG2521686
Hexachloro-1,3-butadiene	ND		1.00	1	05/23/2025 03:39	WG2521686
Isopropylbenzene	ND		1.00	1	05/23/2025 03:39	WG2521686
p-Isopropyltoluene	ND		1.00	1	05/23/2025 03:39	WG2521686
2-Butanone (MEK)	ND		10.0	1	05/23/2025 03:39	WG2521686
Methylene Chloride	ND		5.00	1	05/23/2025 03:39	WG2521686
4-Methyl-2-pentanone (MIBK)	ND		10.0	1	05/23/2025 03:39	WG2521686
Methyl tert-butyl ether	ND		1.00	1	05/23/2025 03:39	WG2521686
Naphthalene	ND	C3	5.00	1	05/23/2025 03:39	WG2521686
n-Propylbenzene	ND		1.00	1	05/23/2025 03:39	WG2521686
Styrene	ND		1.00	1	05/23/2025 03:39	WG2521686
1,1,1,2-Tetrachloroethane	ND		1.00	1	05/23/2025 03:39	WG2521686
1,1,2,2-Tetrachloroethane	ND		1.00	1	05/23/2025 03:39	WG2521686
1,1,2-Trichlorotrifluoroethane	ND		1.00	1	05/23/2025 03:39	WG2521686
Tetrachloroethene	ND		1.00	1	05/23/2025 03:39	WG2521686
Toluene	ND		1.00	1	05/23/2025 03:39	WG2521686
1,2,3-Trichlorobenzene	ND	C3	1.00	1	05/23/2025 03:39	WG2521686
1,2,4-Trichlorobenzene	ND	C3	1.00	1	05/23/2025 03:39	WG2521686

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,1-Trichloroethane	ND		1.00	1	05/23/2025 03:39	WG2521686
1,1,2-Trichloroethane	ND		1.00	1	05/23/2025 03:39	WG2521686
Trichloroethene	ND		1.00	1	05/23/2025 03:39	WG2521686
Trichlorofluoromethane	ND		5.00	1	05/23/2025 03:39	WG2521686
1,2,3-Trichloropropane	ND		2.50	1	05/23/2025 03:39	WG2521686
1,2,4-Trimethylbenzene	ND		1.00	1	05/23/2025 03:39	WG2521686
1,2,3-Trimethylbenzene	ND		1.00	1	05/23/2025 03:39	WG2521686
1,3,5-Trimethylbenzene	ND		1.00	1	05/23/2025 03:39	WG2521686
Vinyl chloride	ND		1.00	1	05/23/2025 03:39	WG2521686
Xylenes, Total	ND		3.00	1	05/23/2025 03:39	WG2521686
(S) Toluene-d8	*108*		*80.0-120*		*05/23/2025 03:39*	WG2521686
(S) 4-Bromofluorobenzene	*94.1*		*77.0-126*		*05/23/2025 03:39*	WG2521686
(S) 1,2-Dichloroethane-d4	*102*		*70.0-130*		*05/23/2025 03:39*	WG2521686

Calculated Results

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Total Nitrogen	1460000		23400	1	05/24/2025 14:25	WG2521477

Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	85.5		1	05/22/2025 15:51	WG2521276

Wet Chemistry by Method 350.1

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Ammonia Nitrogen	ND		11700	1	05/24/2025 18:46	WG2521801

Wet Chemistry by Method 4500NOrg D-2021

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Kjeldahl Nitrogen, TKN	1460000		117000	5	05/24/2025 14:25	WG2521790

Wet Chemistry by Method 9056A

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	ND		23400	1	05/23/2025 08:01	WG2521477

Wet Chemistry by Method WALKLEY-BLACK

Analyte	Result ug/kg	Qualifier	RDL ug/kg	Dilution	Analysis date / time	Batch
TOC By Walkley Black	21200000		800000	8	05/23/2025 12:23	WG2521494

Metals (ICP) by Method 6010D

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Aluminum	3470000		23400	1	05/23/2025 09:30	WG2521444
Antimony	ND		2340	1	05/23/2025 09:30	WG2521444
Beryllium	417		234	1	05/23/2025 09:30	WG2521444
Calcium	11500000		117000	1	05/23/2025 09:30	WG2521444
Chromium	4450		1170	1	05/23/2025 09:30	WG2521444
Cobalt	3870		1170	1	05/23/2025 09:30	WG2521444
Iron	5970000		11700	1	05/23/2025 09:30	WG2521444
Magnesium	2330000		117000	1	05/23/2025 09:30	WG2521444
Manganese	185000		1170	1	05/23/2025 09:30	WG2521444
Potassium	1100000		117000	1	05/23/2025 09:30	WG2521444
Sodium	128000		117000	1	05/23/2025 09:30	WG2521444
Thallium	ND		2340	1	05/23/2025 09:30	WG2521444
Vanadium	11100		2340	1	05/23/2025 09:30	WG2521444

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

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Acetone	ND		67.0	1	05/22/2025 23:14	WG2521546
Acrylonitrile	ND	C3	16.7	1	05/22/2025 23:14	WG2521546
Bromobenzene	ND		16.7	1	05/22/2025 23:14	WG2521546
Bromodichloromethane	ND		3.35	1	05/22/2025 23:14	WG2521546
Bromoform	ND	C3	33.5	1	05/22/2025 23:14	WG2521546

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

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Bromomethane	ND		16.7	1	05/22/2025 23:14	WG2521546
n-Butylbenzene	ND		16.7	1	05/22/2025 23:14	WG2521546
sec-Butylbenzene	ND		16.7	1	05/22/2025 23:14	WG2521546
tert-Butylbenzene	ND		6.70	1	05/22/2025 23:14	WG2521546
Carbon tetrachloride	ND		6.70	1	05/22/2025 23:14	WG2521546
Chlorobenzene	ND		3.35	1	05/22/2025 23:14	WG2521546
Chlorodibromomethane	ND		3.35	1	05/22/2025 23:14	WG2521546
Chloroethane	ND		6.70	1	05/22/2025 23:14	WG2521546
Chloroform	ND		3.35	1	05/22/2025 23:14	WG2521546
Chloromethane	ND	C3	16.7	1	05/22/2025 23:14	WG2521546
2-Chlorotoluene	ND		3.35	1	05/22/2025 23:14	WG2521546
4-Chlorotoluene	ND		6.70	1	05/22/2025 23:14	WG2521546
1,2-Dibromo-3-Chloropropane	ND	C3	33.5	1	05/22/2025 23:14	WG2521546
1,2-Dibromoethane	ND		3.35	1	05/22/2025 23:14	WG2521546
Dibromomethane	ND		6.70	1	05/22/2025 23:14	WG2521546
1,2-Dichlorobenzene	ND		6.70	1	05/22/2025 23:14	WG2521546
1,3-Dichlorobenzene	ND		6.70	1	05/22/2025 23:14	WG2521546
1,4-Dichlorobenzene	ND		6.70	1	05/22/2025 23:14	WG2521546
Dichlorodifluoromethane	ND	C3	6.70	1	05/22/2025 23:14	WG2521546
1,1-Dichloroethane	ND		3.35	1	05/22/2025 23:14	WG2521546
1,2-Dichloroethane	ND		3.35	1	05/22/2025 23:14	WG2521546
1,1-Dichloroethene	ND	C3	3.35	1	05/22/2025 23:14	WG2521546
cis-1,2-Dichloroethene	ND		3.35	1	05/22/2025 23:14	WG2521546
trans-1,2-Dichloroethene	ND		6.70	1	05/22/2025 23:14	WG2521546
1,2-Dichloropropane	ND		6.70	1	05/22/2025 23:14	WG2521546
1,1-Dichloropropene	ND		3.35	1	05/22/2025 23:14	WG2521546
1,3-Dichloropropane	ND		6.70	1	05/22/2025 23:14	WG2521546
cis-1,3-Dichloropropene	ND		3.35	1	05/22/2025 23:14	WG2521546
trans-1,3-Dichloropropene	ND		6.70	1	05/22/2025 23:14	WG2521546
2,2-Dichloropropane	ND		3.35	1	05/22/2025 23:14	WG2521546
Di-isopropyl ether	ND		1.34	1	05/22/2025 23:14	WG2521546
Hexachloro-1,3-butadiene	ND	C3	33.5	1	05/22/2025 23:14	WG2521546
Isopropylbenzene	ND		3.35	1	05/22/2025 23:14	WG2521546
p-Isopropyltoluene	ND		6.70	1	05/22/2025 23:14	WG2521546
2-Butanone (MEK)	ND		134	1	05/22/2025 23:14	WG2521546
Methylene Chloride	ND		33.5	1	05/22/2025 23:14	WG2521546
4-Methyl-2-pentanone (MIBK)	ND		33.5	1	05/22/2025 23:14	WG2521546
Methyl tert-butyl ether	ND		1.34	1	05/22/2025 23:14	WG2521546
n-Propylbenzene	ND		6.70	1	05/22/2025 23:14	WG2521546
Styrene	ND		16.7	1	05/22/2025 23:14	WG2521546
1,1,1,2-Tetrachloroethane	ND		3.35	1	05/22/2025 23:14	WG2521546
1,1,2,2-Tetrachloroethane	ND		3.35	1	05/22/2025 23:14	WG2521546
1,1,2-Trichlorotrifluoroethane	ND	C3	3.35	1	05/22/2025 23:14	WG2521546
Tetrachloroethene	ND		3.35	1	05/22/2025 23:14	WG2521546
1,2,3-Trichlorobenzene	ND	C3	16.7	1	05/22/2025 23:14	WG2521546
1,2,4-Trichlorobenzene	ND	C3	16.7	1	05/22/2025 23:14	WG2521546
1,1,1-Trichloroethane	ND		3.35	1	05/22/2025 23:14	WG2521546
1,1,2-Trichloroethane	ND		3.35	1	05/22/2025 23:14	WG2521546
Trichloroethene	ND		1.34	1	05/22/2025 23:14	WG2521546
Trichlorofluoromethane	ND		3.35	1	05/22/2025 23:14	WG2521546
1,2,3-Trichloropropane	ND		16.7	1	05/22/2025 23:14	WG2521546
1,2,3-Trimethylbenzene	ND		6.70	1	05/22/2025 23:14	WG2521546
Vinyl chloride	ND		3.35	1	05/22/2025 23:14	WG2521546
(S) Toluene-d8	*78.8*		*75.0-131*		*05/22/2025 23:14*	WG2521546
(S) 4-Bromofluorobenzene	*79.5*		*67.0-138*		*05/22/2025 23:14*	WG2521546
(S) 1,2-Dichloroethane-d4	*106*		*70.0-130*		*05/22/2025 23:14*	WG2521546

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

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Acenaphthylene	ND		39.0	1	05/23/2025 04:52	WG2521431
Benzidine	ND		1950	1	05/23/2025 04:52	WG2521431
Benzo(g,h,i)perylene	ND		39.0	1	05/23/2025 04:52	WG2521431
Bis(2-chlorethoxy)methane	ND		390	1	05/23/2025 04:52	WG2521431
Bis(2-chloroethyl)ether	ND		390	1	05/23/2025 04:52	WG2521431
2,2-Oxybis(1-Chloropropane)	ND		390	1	05/23/2025 04:52	WG2521431
4-Bromophenyl-phenylether	ND		390	1	05/23/2025 04:52	WG2521431
2-Chloronaphthalene	ND		39.0	1	05/23/2025 04:52	WG2521431
4-Chlorophenyl-phenylether	ND		390	1	05/23/2025 04:52	WG2521431
1,2-Dichlorobenzene	ND		390	1	05/23/2025 04:52	WG2521431
1,3-Dichlorobenzene	ND		390	1	05/23/2025 04:52	WG2521431
1,4-Dichlorobenzene	ND		390	1	05/23/2025 04:52	WG2521431
3,3-Dichlorobenzidine	ND		390	1	05/23/2025 04:52	WG2521431
2,4-Dinitrotoluene	ND		390	1	05/23/2025 04:52	WG2521431
2,6-Dinitrotoluene	ND		390	1	05/23/2025 04:52	WG2521431
Hexachlorobenzene	ND		390	1	05/23/2025 04:52	WG2521431
Hexachloro-1,3-butadiene	ND		390	1	05/23/2025 04:52	WG2521431
Hexachlorocyclopentadiene	ND	C7	390	1	05/23/2025 04:52	WG2521431
Hexachloroethane	ND		390	1	05/23/2025 04:52	WG2521431
Isophorone	ND		390	1	05/23/2025 04:52	WG2521431
Nitrobenzene	ND		390	1	05/23/2025 04:52	WG2521431
n-Nitrosodimethylamine	ND		390	1	05/23/2025 04:52	WG2521431
n-Nitrosodiphenylamine	ND		390	1	05/23/2025 04:52	WG2521431
n-Nitrosodi-n-propylamine	ND		390	1	05/23/2025 04:52	WG2521431
Phenanthrene	ND		39.0	1	05/23/2025 04:52	WG2521431
Benzylbutyl phthalate	ND		390	1	05/23/2025 04:52	WG2521431
Bis(2-ethylhexyl)phthalate	ND		390	1	05/23/2025 04:52	WG2521431
Di-n-butyl phthalate	ND		390	1	05/23/2025 04:52	WG2521431
Diethyl phthalate	ND		390	1	05/23/2025 04:52	WG2521431
Dimethyl phthalate	ND		390	1	05/23/2025 04:52	WG2521431
Di-n-octyl phthalate	ND		390	1	05/23/2025 04:52	WG2521431
1,2,4-Trichlorobenzene	ND		390	1	05/23/2025 04:52	WG2521431
4-Chloro-3-methylphenol	ND		390	1	05/23/2025 04:52	WG2521431
2-Chlorophenol	ND		390	1	05/23/2025 04:52	WG2521431
2,4-Dichlorophenol	ND		390	1	05/23/2025 04:52	WG2521431
2,4-Dimethylphenol	ND		390	1	05/23/2025 04:52	WG2521431
4,6-Dinitro-2-methylphenol	ND		390	1	05/23/2025 04:52	WG2521431
2,4-Dinitrophenol	ND		390	1	05/23/2025 04:52	WG2521431
2-Nitrophenol	ND		390	1	05/23/2025 04:52	WG2521431
4-Nitrophenol	ND		390	1	05/23/2025 04:52	WG2521431
Pentachlorophenol	ND		390	1	05/23/2025 04:52	WG2521431
Phenol	ND		390	1	05/23/2025 04:52	WG2521431
2,4,6-Trichlorophenol	ND		390	1	05/23/2025 04:52	WG2521431
(S) 2-Fluorophenol	*82.2*		*12.0-120*		*05/23/2025 04:52*	WG2521431
(S) Phenol-d5	*74.6*		*10.0-120*		*05/23/2025 04:52*	WG2521431
(S) Nitrobenzene-d5	*75.7*		*10.0-122*		*05/23/2025 04:52*	WG2521431
(S) 2-Fluorobiphenyl	*70.3*		*15.0-120*		*05/23/2025 04:52*	WG2521431
(S) 2,4,6-Tribromophenol	*78.5*		*10.0-127*		*05/23/2025 04:52*	WG2521431
(S) p-Terphenyl-d14	*79.2*		*10.0-120*		*05/23/2025 04:52*	WG2521431

Calculated Results

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Total Nitrogen	3280000		22300	1	05/24/2025 14:25	WG2521477

Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	89.5		1	05/22/2025 15:51	WG2521276

Wet Chemistry by Method 350.1

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Ammonia Nitrogen	ND		11200	1	05/24/2025 18:47	WG2521801

Wet Chemistry by Method 4500NOrg D-2021

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Kjeldahl Nitrogen, TKN	3280000	V	112000	5	05/24/2025 14:25	WG2521790

Wet Chemistry by Method 9056A

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	ND		22300	1	05/23/2025 08:17	WG2521477

Wet Chemistry by Method WALKLEY-BLACK

Analyte	Result ug/kg	Qualifier	RDL ug/kg	Dilution	Analysis date / time	Batch
TOC By Walkley Black	12500000		900000	9	05/23/2025 12:23	WG2521494

Metals (ICP) by Method 6010D

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Aluminum	2370000		22300	1	05/23/2025 09:32	WG2521444
Antimony	ND		2230	1	05/23/2025 09:32	WG2521444
Beryllium	318		223	1	05/23/2025 09:32	WG2521444
Calcium	8640000		112000	1	05/23/2025 09:32	WG2521444
Chromium	3140		1120	1	05/23/2025 09:32	WG2521444
Cobalt	2680		1120	1	05/23/2025 09:32	WG2521444
Iron	4180000		11200	1	05/23/2025 09:32	WG2521444
Magnesium	1800000		112000	1	05/23/2025 09:32	WG2521444
Manganese	148000		1120	1	05/23/2025 09:32	WG2521444
Potassium	1510000		112000	1	05/23/2025 09:32	WG2521444
Sodium	ND		112000	1	05/23/2025 09:32	WG2521444
Thallium	ND		2230	1	05/23/2025 09:32	WG2521444
Vanadium	8460		2230	1	05/23/2025 09:32	WG2521444

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

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Acetone	ND		61.8	1	05/22/2025 23:33	WG2521546
Acrylonitrile	ND	C3	15.4	1	05/22/2025 23:33	WG2521546
Bromobenzene	ND		15.4	1	05/22/2025 23:33	WG2521546
Bromodichloromethane	ND		3.09	1	05/22/2025 23:33	WG2521546
Bromoform	ND	C3	30.9	1	05/22/2025 23:33	WG2521546

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

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Bromomethane	ND		15.4	1	05/22/2025 23:33	WG2521546
n-Butylbenzene	ND		15.4	1	05/22/2025 23:33	WG2521546
sec-Butylbenzene	ND		15.4	1	05/22/2025 23:33	WG2521546
tert-Butylbenzene	ND		6.18	1	05/22/2025 23:33	WG2521546
Carbon tetrachloride	ND		6.18	1	05/22/2025 23:33	WG2521546
Chlorobenzene	ND		3.09	1	05/22/2025 23:33	WG2521546
Chlorodibromomethane	ND		3.09	1	05/22/2025 23:33	WG2521546
Chloroethane	ND		6.18	1	05/22/2025 23:33	WG2521546
Chloroform	ND		3.09	1	05/22/2025 23:33	WG2521546
Chloromethane	ND	C3	15.4	1	05/22/2025 23:33	WG2521546
2-Chlorotoluene	ND		3.09	1	05/22/2025 23:33	WG2521546
4-Chlorotoluene	ND		6.18	1	05/22/2025 23:33	WG2521546
1,2-Dibromo-3-Chloropropane	ND	C3	30.9	1	05/22/2025 23:33	WG2521546
1,2-Dibromoethane	ND		3.09	1	05/22/2025 23:33	WG2521546
Dibromomethane	ND		6.18	1	05/22/2025 23:33	WG2521546
1,2-Dichlorobenzene	ND		6.18	1	05/22/2025 23:33	WG2521546
1,3-Dichlorobenzene	ND		6.18	1	05/22/2025 23:33	WG2521546
1,4-Dichlorobenzene	ND		6.18	1	05/22/2025 23:33	WG2521546
Dichlorodifluoromethane	ND	C3	6.18	1	05/22/2025 23:33	WG2521546
1,1-Dichloroethane	ND		3.09	1	05/22/2025 23:33	WG2521546
1,2-Dichloroethane	ND		3.09	1	05/22/2025 23:33	WG2521546
1,1-Dichloroethene	ND	C3	3.09	1	05/22/2025 23:33	WG2521546
cis-1,2-Dichloroethene	ND		3.09	1	05/22/2025 23:33	WG2521546
trans-1,2-Dichloroethene	ND		6.18	1	05/22/2025 23:33	WG2521546
1,2-Dichloropropane	ND		6.18	1	05/22/2025 23:33	WG2521546
1,1-Dichloropropene	ND		3.09	1	05/22/2025 23:33	WG2521546
1,3-Dichloropropane	ND		6.18	1	05/22/2025 23:33	WG2521546
cis-1,3-Dichloropropene	ND		3.09	1	05/22/2025 23:33	WG2521546
trans-1,3-Dichloropropene	ND		6.18	1	05/22/2025 23:33	WG2521546
2,2-Dichloropropane	ND		3.09	1	05/22/2025 23:33	WG2521546
Di-isopropyl ether	ND		1.24	1	05/22/2025 23:33	WG2521546
Hexachloro-1,3-butadiene	ND	C3	30.9	1	05/22/2025 23:33	WG2521546
Isopropylbenzene	ND		3.09	1	05/22/2025 23:33	WG2521546
p-Isopropyltoluene	ND		6.18	1	05/22/2025 23:33	WG2521546
2-Butanone (MEK)	ND		124	1	05/22/2025 23:33	WG2521546
Methylene Chloride	ND		30.9	1	05/22/2025 23:33	WG2521546
4-Methyl-2-pentanone (MIBK)	ND		30.9	1	05/22/2025 23:33	WG2521546
Methyl tert-butyl ether	ND		1.24	1	05/22/2025 23:33	WG2521546
n-Propylbenzene	ND		6.18	1	05/22/2025 23:33	WG2521546
Styrene	ND		15.4	1	05/22/2025 23:33	WG2521546
1,1,1,2-Tetrachloroethane	ND		3.09	1	05/22/2025 23:33	WG2521546
1,1,2,2-Tetrachloroethane	ND		3.09	1	05/22/2025 23:33	WG2521546
1,1,2-Trichlorotrifluoroethane	ND	C3	3.09	1	05/22/2025 23:33	WG2521546
Tetrachloroethene	ND		3.09	1	05/22/2025 23:33	WG2521546
1,2,3-Trichlorobenzene	ND	C3	15.4	1	05/22/2025 23:33	WG2521546
1,2,4-Trichlorobenzene	ND	C3	15.4	1	05/22/2025 23:33	WG2521546
1,1,1-Trichloroethane	ND		3.09	1	05/22/2025 23:33	WG2521546
1,1,2-Trichloroethane	ND		3.09	1	05/22/2025 23:33	WG2521546
Trichloroethene	ND		1.24	1	05/22/2025 23:33	WG2521546
Trichlorofluoromethane	ND		3.09	1	05/22/2025 23:33	WG2521546
1,2,3-Trichloropropane	ND		15.4	1	05/22/2025 23:33	WG2521546
1,2,3-Trimethylbenzene	ND		6.18	1	05/22/2025 23:33	WG2521546
Vinyl chloride	ND		3.09	1	05/22/2025 23:33	WG2521546
(S) Toluene-d8	*94.3*		*75.0-131*		*05/22/2025 23:33*	WG2521546
(S) 4-Bromofluorobenzene	*102*		*67.0-138*		*05/22/2025 23:33*	WG2521546
(S) 1,2-Dichloroethane-d4	*94.1*		*70.0-130*		*05/22/2025 23:33*	WG2521546

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

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Acenaphthylene	ND		74.4	2	05/23/2025 05:51	WG2521431
Benzidine	ND	C7	3730	2	05/23/2025 05:51	WG2521431
Benzo(g,h,i)perylene	ND		74.4	2	05/23/2025 05:51	WG2521431
Bis(2-chlorethoxy)methane	ND		744	2	05/23/2025 05:51	WG2521431
Bis(2-chloroethyl)ether	ND		744	2	05/23/2025 05:51	WG2521431
2,2-Oxybis(1-Chloropropane)	ND		744	2	05/23/2025 05:51	WG2521431
4-Bromophenyl-phenylether	ND		744	2	05/23/2025 05:51	WG2521431
2-Chloronaphthalene	ND		74.4	2	05/23/2025 05:51	WG2521431
4-Chlorophenyl-phenylether	ND		744	2	05/23/2025 05:51	WG2521431
1,2-Dichlorobenzene	ND		744	2	05/23/2025 05:51	WG2521431
1,3-Dichlorobenzene	ND		744	2	05/23/2025 05:51	WG2521431
1,4-Dichlorobenzene	ND		744	2	05/23/2025 05:51	WG2521431
3,3-Dichlorobenzidine	ND		744	2	05/23/2025 05:51	WG2521431
2,4-Dinitrotoluene	ND		744	2	05/23/2025 05:51	WG2521431
2,6-Dinitrotoluene	ND		744	2	05/23/2025 05:51	WG2521431
Hexachlorobenzene	ND		744	2	05/23/2025 05:51	WG2521431
Hexachloro-1,3-butadiene	ND		744	2	05/23/2025 05:51	WG2521431
Hexachlorocyclopentadiene	ND	C3 C7	744	2	05/23/2025 05:51	WG2521431
Hexachloroethane	ND		744	2	05/23/2025 05:51	WG2521431
Isophorone	ND		744	2	05/23/2025 05:51	WG2521431
Nitrobenzene	ND		744	2	05/23/2025 05:51	WG2521431
n-Nitrosodimethylamine	ND		744	2	05/23/2025 05:51	WG2521431
n-Nitrosodiphenylamine	ND		744	2	05/23/2025 05:51	WG2521431
n-Nitrosodi-n-propylamine	ND		744	2	05/23/2025 05:51	WG2521431
Phenanthrene	ND		74.4	2	05/23/2025 05:51	WG2521431
Benzylbutyl phthalate	ND		744	2	05/23/2025 05:51	WG2521431
Bis(2-ethylhexyl)phthalate	ND		744	2	05/23/2025 05:51	WG2521431
Di-n-butyl phthalate	ND		744	2	05/23/2025 05:51	WG2521431
Diethyl phthalate	ND		744	2	05/23/2025 05:51	WG2521431
Dimethyl phthalate	ND		744	2	05/23/2025 05:51	WG2521431
Di-n-octyl phthalate	ND		744	2	05/23/2025 05:51	WG2521431
1,2,4-Trichlorobenzene	ND		744	2	05/23/2025 05:51	WG2521431
4-Chloro-3-methylphenol	ND		744	2	05/23/2025 05:51	WG2521431
2-Chlorophenol	ND		744	2	05/23/2025 05:51	WG2521431
2,4-Dichlorophenol	ND		744	2	05/23/2025 05:51	WG2521431
2,4-Dimethylphenol	ND		744	2	05/23/2025 05:51	WG2521431
4,6-Dinitro-2-methylphenol	ND		744	2	05/23/2025 05:51	WG2521431
2,4-Dinitrophenol	ND		744	2	05/23/2025 05:51	WG2521431
2-Nitrophenol	ND		744	2	05/23/2025 05:51	WG2521431
4-Nitrophenol	ND		744	2	05/23/2025 05:51	WG2521431
Pentachlorophenol	ND		744	2	05/23/2025 05:51	WG2521431
Phenol	ND		744	2	05/23/2025 05:51	WG2521431
2,4,6-Trichlorophenol	ND		744	2	05/23/2025 05:51	WG2521431
(S) 2-Fluorophenol	*72.1*		*12.0-120*		*05/23/2025 05:51*	WG2521431
(S) Phenol-d5	*61.8*		*10.0-120*		*05/23/2025 05:51*	WG2521431
(S) Nitrobenzene-d5	*65.5*		*10.0-122*		*05/23/2025 05:51*	WG2521431
(S) 2-Fluorobiphenyl	*57.6*		*15.0-120*		*05/23/2025 05:51*	WG2521431
(S) 2,4,6-Tribromophenol	*76.8*		*10.0-127*		*05/23/2025 05:51*	WG2521431
(S) p-Terphenyl-d14	*63.7*		*10.0-120*		*05/23/2025 05:51*	WG2521431

Sample Narrative:

L1861761-14 WG2521431: Dilution due to matrix impact during extraction procedure

Calculated Results

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Total Nitrogen	1560000		21700	1	05/24/2025 14:28	WG2521477

Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	92.1		1	05/22/2025 15:51	WG2521276

Wet Chemistry by Method 350.1

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Ammonia Nitrogen	ND		10900	1	05/24/2025 18:49	WG2521801

Wet Chemistry by Method 4500NOrg D-2021

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Kjeldahl Nitrogen, TKN	1560000		109000	5	05/24/2025 14:28	WG2521790

Wet Chemistry by Method 9056A

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	ND		21700	1	05/23/2025 08:38	WG2521477

Wet Chemistry by Method WALKLEY-BLACK

Analyte	Result ug/kg	Qualifier	RDL ug/kg	Dilution	Analysis date / time	Batch
TOC By Walkley Black	32400000		500000	5	05/23/2025 12:23	WG2521494

Metals (ICP) by Method 6010D

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Aluminum	2860000		21700	1	05/23/2025 09:33	WG2521444
Antimony	ND		2170	1	05/23/2025 09:33	WG2521444
Beryllium	363		217	1	05/23/2025 09:33	WG2521444
Calcium	13900000		109000	1	05/23/2025 09:33	WG2521444
Chromium	3500		1090	1	05/23/2025 09:33	WG2521444
Cobalt	3160		1090	1	05/23/2025 09:33	WG2521444
Iron	5520000		10900	1	05/23/2025 09:33	WG2521444
Magnesium	1790000		109000	1	05/23/2025 09:33	WG2521444
Manganese	174000		1090	1	05/23/2025 09:33	WG2521444
Potassium	1030000		109000	1	05/23/2025 09:33	WG2521444
Sodium	ND		109000	1	05/23/2025 09:33	WG2521444
Thallium	ND		2170	1	05/23/2025 09:33	WG2521444
Vanadium	8970		2170	1	05/23/2025 09:33	WG2521444

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

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Acetone	ND		58.6	1	05/22/2025 23:52	WG2521546
Acrylonitrile	ND	C3	14.6	1	05/22/2025 23:52	WG2521546
Bromobenzene	ND		14.6	1	05/22/2025 23:52	WG2521546
Bromodichloromethane	ND		2.93	1	05/22/2025 23:52	WG2521546
Bromoform	ND	C3	29.3	1	05/22/2025 23:52	WG2521546

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

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Bromomethane	ND		14.6	1	05/22/2025 23:52	WG2521546
n-Butylbenzene	ND		14.6	1	05/22/2025 23:52	WG2521546
sec-Butylbenzene	ND		14.6	1	05/22/2025 23:52	WG2521546
tert-Butylbenzene	ND		5.86	1	05/22/2025 23:52	WG2521546
Carbon tetrachloride	ND		5.86	1	05/22/2025 23:52	WG2521546
Chlorobenzene	ND		2.93	1	05/22/2025 23:52	WG2521546
Chlorodibromomethane	ND		2.93	1	05/22/2025 23:52	WG2521546
Chloroethane	ND		5.86	1	05/22/2025 23:52	WG2521546
Chloroform	ND		2.93	1	05/22/2025 23:52	WG2521546
Chloromethane	ND	C3	14.6	1	05/22/2025 23:52	WG2521546
2-Chlorotoluene	ND		2.93	1	05/22/2025 23:52	WG2521546
4-Chlorotoluene	ND		5.86	1	05/22/2025 23:52	WG2521546
1,2-Dibromo-3-Chloropropane	ND	C3	29.3	1	05/22/2025 23:52	WG2521546
1,2-Dibromoethane	ND		2.93	1	05/22/2025 23:52	WG2521546
Dibromomethane	ND		5.86	1	05/22/2025 23:52	WG2521546
1,2-Dichlorobenzene	ND		5.86	1	05/22/2025 23:52	WG2521546
1,3-Dichlorobenzene	ND		5.86	1	05/22/2025 23:52	WG2521546
1,4-Dichlorobenzene	ND		5.86	1	05/22/2025 23:52	WG2521546
Dichlorodifluoromethane	ND	C3	5.86	1	05/22/2025 23:52	WG2521546
1,1-Dichloroethane	ND		2.93	1	05/22/2025 23:52	WG2521546
1,2-Dichloroethane	ND		2.93	1	05/22/2025 23:52	WG2521546
1,1-Dichloroethene	ND	C3	2.93	1	05/22/2025 23:52	WG2521546
cis-1,2-Dichloroethene	ND		2.93	1	05/22/2025 23:52	WG2521546
trans-1,2-Dichloroethene	ND		5.86	1	05/22/2025 23:52	WG2521546
1,2-Dichloropropane	ND		5.86	1	05/22/2025 23:52	WG2521546
1,1-Dichloropropene	ND		2.93	1	05/22/2025 23:52	WG2521546
1,3-Dichloropropane	ND		5.86	1	05/22/2025 23:52	WG2521546
cis-1,3-Dichloropropene	ND		2.93	1	05/22/2025 23:52	WG2521546
trans-1,3-Dichloropropene	ND		5.86	1	05/22/2025 23:52	WG2521546
2,2-Dichloropropane	ND		2.93	1	05/22/2025 23:52	WG2521546
Di-isopropyl ether	ND		1.17	1	05/22/2025 23:52	WG2521546
Hexachloro-1,3-butadiene	ND	C3	29.3	1	05/22/2025 23:52	WG2521546
Isopropylbenzene	ND		2.93	1	05/22/2025 23:52	WG2521546
p-Isopropyltoluene	ND		5.86	1	05/22/2025 23:52	WG2521546
2-Butanone (MEK)	ND		117	1	05/22/2025 23:52	WG2521546
Methylene Chloride	ND		29.3	1	05/22/2025 23:52	WG2521546
4-Methyl-2-pentanone (MIBK)	ND		29.3	1	05/22/2025 23:52	WG2521546
Methyl tert-butyl ether	ND		1.17	1	05/22/2025 23:52	WG2521546
n-Propylbenzene	ND		5.86	1	05/22/2025 23:52	WG2521546
Styrene	ND		14.6	1	05/22/2025 23:52	WG2521546
1,1,1,2-Tetrachloroethane	ND		2.93	1	05/22/2025 23:52	WG2521546
1,1,2,2-Tetrachloroethane	ND		2.93	1	05/22/2025 23:52	WG2521546
1,1,2-Trichlorotrifluoroethane	ND	C3	2.93	1	05/22/2025 23:52	WG2521546
Tetrachloroethene	ND		2.93	1	05/22/2025 23:52	WG2521546
1,2,3-Trichlorobenzene	ND	C3	14.6	1	05/22/2025 23:52	WG2521546
1,2,4-Trichlorobenzene	ND	C3	14.6	1	05/22/2025 23:52	WG2521546
1,1,1-Trichloroethane	ND		2.93	1	05/22/2025 23:52	WG2521546
1,1,2-Trichloroethane	ND		2.93	1	05/22/2025 23:52	WG2521546
Trichloroethene	ND		1.17	1	05/22/2025 23:52	WG2521546
Trichlorofluoromethane	ND		2.93	1	05/22/2025 23:52	WG2521546
1,2,3-Trichloropropane	ND		14.6	1	05/22/2025 23:52	WG2521546
1,2,3-Trimethylbenzene	ND		5.86	1	05/22/2025 23:52	WG2521546
Vinyl chloride	ND		2.93	1	05/22/2025 23:52	WG2521546
(S) Toluene-d8	*93.6*		*75.0-131*		*05/22/2025 23:52*	WG2521546
(S) 4-Bromofluorobenzene	*91.5*		*67.0-138*		*05/22/2025 23:52*	WG2521546
(S) 1,2-Dichloroethane-d4	*88.4*		*70.0-130*		*05/22/2025 23:52*	WG2521546

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

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Acenaphthylene	ND		36.2	1	05/23/2025 05:34	WG2521431
Benzidine	ND		1810	1	05/23/2025 05:34	WG2521431
Benzo(g,h,i)perylene	ND		36.2	1	05/23/2025 05:34	WG2521431
Bis(2-chlorethoxy)methane	ND		362	1	05/23/2025 05:34	WG2521431
Bis(2-chloroethyl)ether	ND		362	1	05/23/2025 05:34	WG2521431
2,2-Oxybis(1-Chloropropane)	ND		362	1	05/23/2025 05:34	WG2521431
4-Bromophenyl-phenylether	ND		362	1	05/23/2025 05:34	WG2521431
2-Chloronaphthalene	ND		36.2	1	05/23/2025 05:34	WG2521431
4-Chlorophenyl-phenylether	ND		362	1	05/23/2025 05:34	WG2521431
1,2-Dichlorobenzene	ND		362	1	05/23/2025 05:34	WG2521431
1,3-Dichlorobenzene	ND		362	1	05/23/2025 05:34	WG2521431
1,4-Dichlorobenzene	ND		362	1	05/23/2025 05:34	WG2521431
3,3-Dichlorobenzidine	ND		362	1	05/23/2025 05:34	WG2521431
2,4-Dinitrotoluene	ND		362	1	05/23/2025 05:34	WG2521431
2,6-Dinitrotoluene	ND		362	1	05/23/2025 05:34	WG2521431
Hexachlorobenzene	ND		362	1	05/23/2025 05:34	WG2521431
Hexachloro-1,3-butadiene	ND		362	1	05/23/2025 05:34	WG2521431
Hexachlorocyclopentadiene	ND	C7	362	1	05/23/2025 05:34	WG2521431
Hexachloroethane	ND		362	1	05/23/2025 05:34	WG2521431
Isophorone	ND		362	1	05/23/2025 05:34	WG2521431
Nitrobenzene	ND		362	1	05/23/2025 05:34	WG2521431
n-Nitrosodimethylamine	ND		362	1	05/23/2025 05:34	WG2521431
n-Nitrosodiphenylamine	ND		362	1	05/23/2025 05:34	WG2521431
n-Nitrosodi-n-propylamine	ND		362	1	05/23/2025 05:34	WG2521431
Phenanthrene	ND		36.2	1	05/23/2025 05:34	WG2521431
Benzylbutyl phthalate	ND		362	1	05/23/2025 05:34	WG2521431
Bis(2-ethylhexyl)phthalate	ND		362	1	05/23/2025 05:34	WG2521431
Di-n-butyl phthalate	ND		362	1	05/23/2025 05:34	WG2521431
Diethyl phthalate	ND		362	1	05/23/2025 05:34	WG2521431
Dimethyl phthalate	ND		362	1	05/23/2025 05:34	WG2521431
Di-n-octyl phthalate	ND		362	1	05/23/2025 05:34	WG2521431
1,2,4-Trichlorobenzene	ND		362	1	05/23/2025 05:34	WG2521431
4-Chloro-3-methylphenol	ND		362	1	05/23/2025 05:34	WG2521431
2-Chlorophenol	ND		362	1	05/23/2025 05:34	WG2521431
2,4-Dichlorophenol	ND		362	1	05/23/2025 05:34	WG2521431
2,4-Dimethylphenol	ND		362	1	05/23/2025 05:34	WG2521431
4,6-Dinitro-2-methylphenol	ND		362	1	05/23/2025 05:34	WG2521431
2,4-Dinitrophenol	ND		362	1	05/23/2025 05:34	WG2521431
2-Nitrophenol	ND		362	1	05/23/2025 05:34	WG2521431
4-Nitrophenol	ND		362	1	05/23/2025 05:34	WG2521431
Pentachlorophenol	ND		362	1	05/23/2025 05:34	WG2521431
Phenol	ND		362	1	05/23/2025 05:34	WG2521431
2,4,6-Trichlorophenol	ND		362	1	05/23/2025 05:34	WG2521431
(S) 2-Fluorophenol	*75.0*		*12.0-120*		*05/23/2025 05:34*	WG2521431
(S) Phenol-d5	*70.1*		*10.0-120*		*05/23/2025 05:34*	WG2521431
(S) Nitrobenzene-d5	*73.3*		*10.0-122*		*05/23/2025 05:34*	WG2521431
(S) 2-Fluorobiphenyl	*66.6*		*15.0-120*		*05/23/2025 05:34*	WG2521431
(S) 2,4,6-Tribromophenol	*76.1*		*10.0-127*		*05/23/2025 05:34*	WG2521431
(S) p-Terphenyl-d14	*76.4*		*10.0-120*		*05/23/2025 05:34*	WG2521431

Calculated Results

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Total Nitrogen	1880000		22500	1	05/24/2025 14:29	WG2521477

Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	88.9		1	05/22/2025 15:51	WG2521276

Wet Chemistry by Method 350.1

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Ammonia Nitrogen	ND		11300	1	05/24/2025 18:50	WG2521801

Wet Chemistry by Method 4500NOrg D-2021

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Kjeldahl Nitrogen, TKN	1860000		113000	5	05/24/2025 14:29	WG2521790

Wet Chemistry by Method 9056A

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	ND		22500	1	05/23/2025 08:54	WG2521477

Wet Chemistry by Method WALKLEY-BLACK

Analyte	Result ug/kg	Qualifier	RDL ug/kg	Dilution	Analysis date / time	Batch
TOC By Walkley Black	28300000		1000000	10	05/23/2025 12:24	WG2521494

Metals (ICP) by Method 6010D

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Aluminum	2600000		22500	1	05/23/2025 09:35	WG2521444
Antimony	ND		2250	1	05/23/2025 09:35	WG2521444
Beryllium	330		225	1	05/23/2025 09:35	WG2521444
Calcium	12800000		113000	1	05/23/2025 09:35	WG2521444
Chromium	3010		1130	1	05/23/2025 09:35	WG2521444
Cobalt	3110		1130	1	05/23/2025 09:35	WG2521444
Iron	4890000		11300	1	05/23/2025 09:35	WG2521444
Magnesium	1440000		113000	1	05/23/2025 09:35	WG2521444
Manganese	167000		1130	1	05/23/2025 09:35	WG2521444
Potassium	1430000		113000	1	05/23/2025 09:35	WG2521444
Sodium	ND		113000	1	05/23/2025 09:35	WG2521444
Thallium	ND		2250	1	05/23/2025 09:35	WG2521444
Vanadium	8540		2250	1	05/23/2025 09:35	WG2521444

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

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Acetone	ND		62.5	1	05/23/2025 00:11	WG2521546
Acrylonitrile	ND	C3	15.6	1	05/23/2025 00:11	WG2521546
Bromobenzene	ND		15.6	1	05/23/2025 00:11	WG2521546
Bromodichloromethane	ND		3.13	1	05/23/2025 00:11	WG2521546
Bromoform	ND	C3	31.3	1	05/23/2025 00:11	WG2521546

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

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Bromomethane	ND		15.6	1	05/23/2025 00:11	WG2521546
n-Butylbenzene	ND		15.6	1	05/23/2025 00:11	WG2521546
sec-Butylbenzene	ND		15.6	1	05/23/2025 00:11	WG2521546
tert-Butylbenzene	ND		6.25	1	05/23/2025 00:11	WG2521546
Carbon tetrachloride	ND		6.25	1	05/23/2025 00:11	WG2521546
Chlorobenzene	ND		3.13	1	05/23/2025 00:11	WG2521546
Chlorodibromomethane	ND		3.13	1	05/23/2025 00:11	WG2521546
Chloroethane	ND		6.25	1	05/23/2025 00:11	WG2521546
Chloroform	ND		3.13	1	05/23/2025 00:11	WG2521546
Chloromethane	ND	C3	15.6	1	05/23/2025 00:11	WG2521546
2-Chlorotoluene	ND		3.13	1	05/23/2025 00:11	WG2521546
4-Chlorotoluene	ND		6.25	1	05/23/2025 00:11	WG2521546
1,2-Dibromo-3-Chloropropane	ND	C3	31.3	1	05/23/2025 00:11	WG2521546
1,2-Dibromoethane	ND		3.13	1	05/23/2025 00:11	WG2521546
Dibromomethane	ND		6.25	1	05/23/2025 00:11	WG2521546
1,2-Dichlorobenzene	ND		6.25	1	05/23/2025 00:11	WG2521546
1,3-Dichlorobenzene	ND		6.25	1	05/23/2025 00:11	WG2521546
1,4-Dichlorobenzene	ND		6.25	1	05/23/2025 00:11	WG2521546
Dichlorodifluoromethane	ND	C3	6.25	1	05/23/2025 00:11	WG2521546
1,1-Dichloroethane	ND		3.13	1	05/23/2025 00:11	WG2521546
1,2-Dichloroethane	ND		3.13	1	05/23/2025 00:11	WG2521546
1,1-Dichloroethene	ND	C3	3.13	1	05/23/2025 00:11	WG2521546
cis-1,2-Dichloroethene	ND		3.13	1	05/23/2025 00:11	WG2521546
trans-1,2-Dichloroethene	ND		6.25	1	05/23/2025 00:11	WG2521546
1,2-Dichloropropane	ND		6.25	1	05/23/2025 00:11	WG2521546
1,1-Dichloropropene	ND		3.13	1	05/23/2025 00:11	WG2521546
1,3-Dichloropropane	ND		6.25	1	05/23/2025 00:11	WG2521546
cis-1,3-Dichloropropene	ND		3.13	1	05/23/2025 00:11	WG2521546
trans-1,3-Dichloropropene	ND		6.25	1	05/23/2025 00:11	WG2521546
2,2-Dichloropropane	ND		3.13	1	05/23/2025 00:11	WG2521546
Di-isopropyl ether	ND		1.25	1	05/23/2025 00:11	WG2521546
Hexachloro-1,3-butadiene	ND	C3	31.3	1	05/23/2025 00:11	WG2521546
Isopropylbenzene	ND		3.13	1	05/23/2025 00:11	WG2521546
p-Isopropyltoluene	ND		6.25	1	05/23/2025 00:11	WG2521546
2-Butanone (MEK)	ND		125	1	05/23/2025 00:11	WG2521546
Methylene Chloride	ND		31.3	1	05/23/2025 00:11	WG2521546
4-Methyl-2-pentanone (MIBK)	ND		31.3	1	05/23/2025 00:11	WG2521546
Methyl tert-butyl ether	ND		1.25	1	05/23/2025 00:11	WG2521546
n-Propylbenzene	ND		6.25	1	05/23/2025 00:11	WG2521546
Styrene	ND		15.6	1	05/23/2025 00:11	WG2521546
1,1,1,2-Tetrachloroethane	ND		3.13	1	05/23/2025 00:11	WG2521546
1,1,2,2-Tetrachloroethane	ND		3.13	1	05/23/2025 00:11	WG2521546
1,1,2-Trichlorotrifluoroethane	ND	C3	3.13	1	05/23/2025 00:11	WG2521546
Tetrachloroethene	ND		3.13	1	05/23/2025 00:11	WG2521546
1,2,3-Trichlorobenzene	ND	C3	15.6	1	05/23/2025 00:11	WG2521546
1,2,4-Trichlorobenzene	ND	C3	15.6	1	05/23/2025 00:11	WG2521546
1,1,1-Trichloroethane	ND		3.13	1	05/23/2025 00:11	WG2521546
1,1,2-Trichloroethane	ND		3.13	1	05/23/2025 00:11	WG2521546
Trichloroethene	ND		1.25	1	05/23/2025 00:11	WG2521546
Trichlorofluoromethane	ND		3.13	1	05/23/2025 00:11	WG2521546
1,2,3-Trichloropropane	ND		15.6	1	05/23/2025 00:11	WG2521546
1,2,3-Trimethylbenzene	ND		6.25	1	05/23/2025 00:11	WG2521546
Vinyl chloride	ND		3.13	1	05/23/2025 00:11	WG2521546
(S) Toluene-d8	*91.6*		*75.0-131*		*05/23/2025 00:11*	WG2521546
(S) 4-Bromofluorobenzene	*91.3*		*67.0-138*		*05/23/2025 00:11*	WG2521546
(S) 1,2-Dichloroethane-d4	*101*		*70.0-130*		*05/23/2025 00:11*	WG2521546

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

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Acenaphthylene	ND		37.5	1	05/23/2025 05:55	WG2521431
Benzidine	ND		1880	1	05/23/2025 05:55	WG2521431
Benzo(g,h,i)perylene	ND		37.5	1	05/23/2025 05:55	WG2521431
Bis(2-chlorethoxy)methane	ND		375	1	05/23/2025 05:55	WG2521431
Bis(2-chloroethyl)ether	ND		375	1	05/23/2025 05:55	WG2521431
2,2-Oxybis(1-Chloropropane)	ND		375	1	05/23/2025 05:55	WG2521431
4-Bromophenyl-phenylether	ND		375	1	05/23/2025 05:55	WG2521431
2-Chloronaphthalene	ND		37.5	1	05/23/2025 05:55	WG2521431
4-Chlorophenyl-phenylether	ND		375	1	05/23/2025 05:55	WG2521431
1,2-Dichlorobenzene	ND		375	1	05/23/2025 05:55	WG2521431
1,3-Dichlorobenzene	ND		375	1	05/23/2025 05:55	WG2521431
1,4-Dichlorobenzene	ND		375	1	05/23/2025 05:55	WG2521431
3,3-Dichlorobenzidine	ND		375	1	05/23/2025 05:55	WG2521431
2,4-Dinitrotoluene	ND		375	1	05/23/2025 05:55	WG2521431
2,6-Dinitrotoluene	ND		375	1	05/23/2025 05:55	WG2521431
Hexachlorobenzene	ND		375	1	05/23/2025 05:55	WG2521431
Hexachloro-1,3-butadiene	ND		375	1	05/23/2025 05:55	WG2521431
Hexachlorocyclopentadiene	ND	C7	375	1	05/23/2025 05:55	WG2521431
Hexachloroethane	ND		375	1	05/23/2025 05:55	WG2521431
Isophorone	ND		375	1	05/23/2025 05:55	WG2521431
Nitrobenzene	ND		375	1	05/23/2025 05:55	WG2521431
n-Nitrosodimethylamine	ND		375	1	05/23/2025 05:55	WG2521431
n-Nitrosodiphenylamine	ND		375	1	05/23/2025 05:55	WG2521431
n-Nitrosodi-n-propylamine	ND		375	1	05/23/2025 05:55	WG2521431
Phenanthrene	ND		37.5	1	05/23/2025 05:55	WG2521431
Benzylbutyl phthalate	ND		375	1	05/23/2025 05:55	WG2521431
Bis(2-ethylhexyl)phthalate	ND		375	1	05/23/2025 05:55	WG2521431
Di-n-butyl phthalate	ND		375	1	05/23/2025 05:55	WG2521431
Diethyl phthalate	ND		375	1	05/23/2025 05:55	WG2521431
Dimethyl phthalate	ND		375	1	05/23/2025 05:55	WG2521431
Di-n-octyl phthalate	ND		375	1	05/23/2025 05:55	WG2521431
1,2,4-Trichlorobenzene	ND		375	1	05/23/2025 05:55	WG2521431
4-Chloro-3-methylphenol	ND		375	1	05/23/2025 05:55	WG2521431
2-Chlorophenol	ND		375	1	05/23/2025 05:55	WG2521431
2,4-Dichlorophenol	ND		375	1	05/23/2025 05:55	WG2521431
2,4-Dimethylphenol	ND		375	1	05/23/2025 05:55	WG2521431
4,6-Dinitro-2-methylphenol	ND		375	1	05/23/2025 05:55	WG2521431
2,4-Dinitrophenol	ND		375	1	05/23/2025 05:55	WG2521431
2-Nitrophenol	ND		375	1	05/23/2025 05:55	WG2521431
4-Nitrophenol	ND		375	1	05/23/2025 05:55	WG2521431
Pentachlorophenol	ND		375	1	05/23/2025 05:55	WG2521431
Phenol	ND		375	1	05/23/2025 05:55	WG2521431
2,4,6-Trichlorophenol	ND		375	1	05/23/2025 05:55	WG2521431
(S) 2-Fluorophenol	*73.8*		*12.0-120*		*05/23/2025 05:55*	WG2521431
(S) Phenol-d5	*69.6*		*10.0-120*		*05/23/2025 05:55*	WG2521431
(S) Nitrobenzene-d5	*70.0*		*10.0-122*		*05/23/2025 05:55*	WG2521431
(S) 2-Fluorobiphenyl	*65.9*		*15.0-120*		*05/23/2025 05:55*	WG2521431
(S) 2,4,6-Tribromophenol	*76.5*		*10.0-127*		*05/23/2025 05:55*	WG2521431
(S) p-Terphenyl-d14	*76.7*		*10.0-120*		*05/23/2025 05:55*	WG2521431

Calculated Results

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Total Nitrogen	1400000		23100	1	05/24/2025 14:33	WG2521477

Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	86.7		1	05/22/2025 15:51	WG2521276

Wet Chemistry by Method 350.1

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Ammonia Nitrogen	ND		11500	1	05/24/2025 19:12	WG2521802

Wet Chemistry by Method 4500NOrg D-2021

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Kjeldahl Nitrogen, TKN	1400000		115000	5	05/24/2025 14:33	WG2521790

Wet Chemistry by Method 9056A

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	ND		23100	1	05/23/2025 09:10	WG2521477

Wet Chemistry by Method WALKLEY-BLACK

Analyte	Result ug/kg	Qualifier	RDL ug/kg	Dilution	Analysis date / time	Batch
TOC By Walkley Black	17800000		400000	4	05/23/2025 14:37	WG2521491

Metals (ICP) by Method 6010D

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Aluminum	3560000		23100	1	05/23/2025 09:00	WG2521461
Antimony	ND		2310	1	05/23/2025 09:00	WG2521461
Beryllium	424		231	1	05/23/2025 09:00	WG2521461
Calcium	9740000		115000	1	05/23/2025 09:00	WG2521461
Chromium	4970		1150	1	05/23/2025 09:00	WG2521461
Cobalt	3490		1150	1	05/23/2025 09:00	WG2521461
Iron	6850000		11500	1	05/23/2025 09:00	WG2521461
Magnesium	2210000		115000	1	05/23/2025 09:00	WG2521461
Manganese	188000		1150	1	05/23/2025 09:00	WG2521461
Potassium	1510000		115000	1	05/23/2025 09:00	WG2521461
Sodium	215000		115000	1	05/23/2025 09:00	WG2521461
Thallium	ND		2310	1	05/23/2025 09:00	WG2521461
Vanadium	12400		2310	1	05/23/2025 09:00	WG2521461

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

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Acetone	ND		65.4	1	05/23/2025 00:30	WG2521546
Acrylonitrile	ND	C3	16.3	1	05/23/2025 00:30	WG2521546
Bromobenzene	ND		16.3	1	05/23/2025 00:30	WG2521546
Bromodichloromethane	ND		3.27	1	05/23/2025 00:30	WG2521546
Bromoform	ND	C3	32.7	1	05/23/2025 00:30	WG2521546

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

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Bromomethane	ND		16.3	1	05/23/2025 00:30	WG2521546
n-Butylbenzene	ND		16.3	1	05/23/2025 00:30	WG2521546
sec-Butylbenzene	ND		16.3	1	05/23/2025 00:30	WG2521546
tert-Butylbenzene	ND		6.54	1	05/23/2025 00:30	WG2521546
Carbon tetrachloride	ND		6.54	1	05/23/2025 00:30	WG2521546
Chlorobenzene	ND		3.27	1	05/23/2025 00:30	WG2521546
Chlorodibromomethane	ND		3.27	1	05/23/2025 00:30	WG2521546
Chloroethane	ND		6.54	1	05/23/2025 00:30	WG2521546
Chloroform	ND		3.27	1	05/23/2025 00:30	WG2521546
Chloromethane	ND	C3	16.3	1	05/23/2025 00:30	WG2521546
2-Chlorotoluene	ND		3.27	1	05/23/2025 00:30	WG2521546
4-Chlorotoluene	ND		6.54	1	05/23/2025 00:30	WG2521546
1,2-Dibromo-3-Chloropropane	ND	C3	32.7	1	05/23/2025 00:30	WG2521546
1,2-Dibromoethane	ND		3.27	1	05/23/2025 00:30	WG2521546
Dibromomethane	ND		6.54	1	05/23/2025 00:30	WG2521546
1,2-Dichlorobenzene	ND		6.54	1	05/23/2025 00:30	WG2521546
1,3-Dichlorobenzene	ND		6.54	1	05/23/2025 00:30	WG2521546
1,4-Dichlorobenzene	ND		6.54	1	05/23/2025 00:30	WG2521546
Dichlorodifluoromethane	ND	C3	6.54	1	05/23/2025 00:30	WG2521546
1,1-Dichloroethane	ND		3.27	1	05/23/2025 00:30	WG2521546
1,2-Dichloroethane	ND		3.27	1	05/23/2025 00:30	WG2521546
1,1-Dichloroethene	ND	C3	3.27	1	05/23/2025 00:30	WG2521546
cis-1,2-Dichloroethene	ND		3.27	1	05/23/2025 00:30	WG2521546
trans-1,2-Dichloroethene	ND		6.54	1	05/23/2025 00:30	WG2521546
1,2-Dichloropropane	ND		6.54	1	05/23/2025 00:30	WG2521546
1,1-Dichloropropene	ND		3.27	1	05/23/2025 00:30	WG2521546
1,3-Dichloropropane	ND		6.54	1	05/23/2025 00:30	WG2521546
cis-1,3-Dichloropropene	ND		3.27	1	05/23/2025 00:30	WG2521546
trans-1,3-Dichloropropene	ND		6.54	1	05/23/2025 00:30	WG2521546
2,2-Dichloropropane	ND		3.27	1	05/23/2025 00:30	WG2521546
Di-isopropyl ether	ND		1.31	1	05/23/2025 00:30	WG2521546
Hexachloro-1,3-butadiene	ND	C3	32.7	1	05/23/2025 00:30	WG2521546
Isopropylbenzene	ND		3.27	1	05/23/2025 00:30	WG2521546
p-Isopropyltoluene	ND		6.54	1	05/23/2025 00:30	WG2521546
2-Butanone (MEK)	ND		131	1	05/23/2025 00:30	WG2521546
Methylene Chloride	ND		32.7	1	05/23/2025 00:30	WG2521546
4-Methyl-2-pentanone (MIBK)	ND		32.7	1	05/23/2025 00:30	WG2521546
Methyl tert-butyl ether	ND		1.31	1	05/23/2025 00:30	WG2521546
n-Propylbenzene	ND		6.54	1	05/23/2025 00:30	WG2521546
Styrene	ND		16.3	1	05/23/2025 00:30	WG2521546
1,1,1,2-Tetrachloroethane	ND		3.27	1	05/23/2025 00:30	WG2521546
1,1,2,2-Tetrachloroethane	ND		3.27	1	05/23/2025 00:30	WG2521546
1,1,2-Trichlorotrifluoroethane	ND	C3	3.27	1	05/23/2025 00:30	WG2521546
Tetrachloroethene	ND		3.27	1	05/23/2025 00:30	WG2521546
1,2,3-Trichlorobenzene	ND	C3	16.3	1	05/23/2025 00:30	WG2521546
1,2,4-Trichlorobenzene	ND	C3	16.3	1	05/23/2025 00:30	WG2521546
1,1,1-Trichloroethane	ND		3.27	1	05/23/2025 00:30	WG2521546
1,1,2-Trichloroethane	ND		3.27	1	05/23/2025 00:30	WG2521546
Trichloroethene	ND		1.31	1	05/23/2025 00:30	WG2521546
Trichlorofluoromethane	ND		3.27	1	05/23/2025 00:30	WG2521546
1,2,3-Trichloropropane	ND		16.3	1	05/23/2025 00:30	WG2521546
1,2,3-Trimethylbenzene	ND		6.54	1	05/23/2025 00:30	WG2521546
Vinyl chloride	ND		3.27	1	05/23/2025 00:30	WG2521546
(S) Toluene-d8	*95.2*		*75.0-131*		*05/23/2025 00:30*	WG2521546
(S) 4-Bromofluorobenzene	*90.6*		*67.0-138*		*05/23/2025 00:30*	WG2521546
(S) 1,2-Dichloroethane-d4	*98.4*		*70.0-130*		*05/23/2025 00:30*	WG2521546

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

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Acenaphthylene	ND		38.4	1	05/23/2025 04:31	WG2521431
Benzidine	ND		1930	1	05/23/2025 04:31	WG2521431
Benzo(g,h,i)perylene	ND		38.4	1	05/23/2025 04:31	WG2521431
Bis(2-chlorethoxy)methane	ND		384	1	05/23/2025 04:31	WG2521431
Bis(2-chloroethyl)ether	ND		384	1	05/23/2025 04:31	WG2521431
2,2-Oxybis(1-Chloropropane)	ND		384	1	05/23/2025 04:31	WG2521431
4-Bromophenyl-phenylether	ND		384	1	05/23/2025 04:31	WG2521431
2-Chloronaphthalene	ND		38.4	1	05/23/2025 04:31	WG2521431
4-Chlorophenyl-phenylether	ND		384	1	05/23/2025 04:31	WG2521431
1,2-Dichlorobenzene	ND		384	1	05/23/2025 04:31	WG2521431
1,3-Dichlorobenzene	ND		384	1	05/23/2025 04:31	WG2521431
1,4-Dichlorobenzene	ND		384	1	05/23/2025 04:31	WG2521431
3,3-Dichlorobenzidine	ND		384	1	05/23/2025 04:31	WG2521431
2,4-Dinitrotoluene	ND		384	1	05/23/2025 04:31	WG2521431
2,6-Dinitrotoluene	ND		384	1	05/23/2025 04:31	WG2521431
Hexachlorobenzene	ND		384	1	05/23/2025 04:31	WG2521431
Hexachloro-1,3-butadiene	ND		384	1	05/23/2025 04:31	WG2521431
Hexachlorocyclopentadiene	ND	C7	384	1	05/23/2025 04:31	WG2521431
Hexachloroethane	ND		384	1	05/23/2025 04:31	WG2521431
Isophorone	ND		384	1	05/23/2025 04:31	WG2521431
Nitrobenzene	ND		384	1	05/23/2025 04:31	WG2521431
n-Nitrosodimethylamine	ND		384	1	05/23/2025 04:31	WG2521431
n-Nitrosodiphenylamine	ND		384	1	05/23/2025 04:31	WG2521431
n-Nitrosodi-n-propylamine	ND		384	1	05/23/2025 04:31	WG2521431
Phenanthrene	ND		38.4	1	05/23/2025 04:31	WG2521431
Benzylbutyl phthalate	ND		384	1	05/23/2025 04:31	WG2521431
Bis(2-ethylhexyl)phthalate	ND		384	1	05/23/2025 04:31	WG2521431
Di-n-butyl phthalate	ND		384	1	05/23/2025 04:31	WG2521431
Diethyl phthalate	ND		384	1	05/23/2025 04:31	WG2521431
Dimethyl phthalate	ND		384	1	05/23/2025 04:31	WG2521431
Di-n-octyl phthalate	ND		384	1	05/23/2025 04:31	WG2521431
1,2,4-Trichlorobenzene	ND		384	1	05/23/2025 04:31	WG2521431
4-Chloro-3-methylphenol	ND		384	1	05/23/2025 04:31	WG2521431
2-Chlorophenol	ND		384	1	05/23/2025 04:31	WG2521431
2,4-Dichlorophenol	ND		384	1	05/23/2025 04:31	WG2521431
2,4-Dimethylphenol	ND		384	1	05/23/2025 04:31	WG2521431
4,6-Dinitro-2-methylphenol	ND		384	1	05/23/2025 04:31	WG2521431
2,4-Dinitrophenol	ND		384	1	05/23/2025 04:31	WG2521431
2-Nitrophenol	ND		384	1	05/23/2025 04:31	WG2521431
4-Nitrophenol	ND		384	1	05/23/2025 04:31	WG2521431
Pentachlorophenol	ND		384	1	05/23/2025 04:31	WG2521431
Phenol	ND		384	1	05/23/2025 04:31	WG2521431
2,4,6-Trichlorophenol	ND		384	1	05/23/2025 04:31	WG2521431
(S) 2-Fluorophenol	*84.0*		*12.0-120*		*05/23/2025 04:31*	WG2521431
(S) Phenol-d5	*75.6*		*10.0-120*		*05/23/2025 04:31*	WG2521431
(S) Nitrobenzene-d5	*76.4*		*10.0-122*		*05/23/2025 04:31*	WG2521431
(S) 2-Fluorobiphenyl	*70.1*		*15.0-120*		*05/23/2025 04:31*	WG2521431
(S) 2,4,6-Tribromophenol	*81.8*		*10.0-127*		*05/23/2025 04:31*	WG2521431
(S) p-Terphenyl-d14	*80.8*		*10.0-120*		*05/23/2025 04:31*	WG2521431

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND		50.0	1	05/23/2025 04:00	WG2521686
Acrolein	ND		50.0	1	05/23/2025 04:00	WG2521686
Acrylonitrile	ND		10.0	1	05/23/2025 04:00	WG2521686
Benzene	ND		1.00	1	05/23/2025 04:00	WG2521686
Bromobenzene	ND		1.00	1	05/23/2025 04:00	WG2521686
Bromodichloromethane	ND		1.00	1	05/23/2025 04:00	WG2521686
Bromoform	ND		1.00	1	05/23/2025 04:00	WG2521686
Bromomethane	ND	J4	5.00	1	05/23/2025 04:00	WG2521686
n-Butylbenzene	ND		1.00	1	05/23/2025 04:00	WG2521686
sec-Butylbenzene	ND		1.00	1	05/23/2025 04:00	WG2521686
tert-Butylbenzene	ND		1.00	1	05/23/2025 04:00	WG2521686
Carbon tetrachloride	ND		1.00	1	05/23/2025 04:00	WG2521686
Chlorobenzene	ND		1.00	1	05/23/2025 04:00	WG2521686
Chlorodibromomethane	ND		1.00	1	05/23/2025 04:00	WG2521686
Chloroethane	ND		5.00	1	05/23/2025 04:00	WG2521686
Chloroform	ND		5.00	1	05/23/2025 04:00	WG2521686
Chloromethane	ND		2.50	1	05/23/2025 04:00	WG2521686
2-Chlorotoluene	ND		1.00	1	05/23/2025 04:00	WG2521686
4-Chlorotoluene	ND		1.00	1	05/23/2025 04:00	WG2521686
1,2-Dibromo-3-Chloropropane	ND	C3	5.00	1	05/23/2025 04:00	WG2521686
1,2-Dibromoethane	ND		1.00	1	05/23/2025 04:00	WG2521686
Dibromomethane	ND		1.00	1	05/23/2025 04:00	WG2521686
1,2-Dichlorobenzene	ND		1.00	1	05/23/2025 04:00	WG2521686
1,3-Dichlorobenzene	ND		1.00	1	05/23/2025 04:00	WG2521686
1,4-Dichlorobenzene	ND		1.00	1	05/23/2025 04:00	WG2521686
Dichlorodifluoromethane	ND		5.00	1	05/23/2025 04:00	WG2521686
1,1-Dichloroethane	ND		1.00	1	05/23/2025 04:00	WG2521686
1,2-Dichloroethane	ND		1.00	1	05/23/2025 04:00	WG2521686
1,1-Dichloroethene	ND		1.00	1	05/23/2025 04:00	WG2521686
cis-1,2-Dichloroethene	ND		1.00	1	05/23/2025 04:00	WG2521686
trans-1,2-Dichloroethene	ND		1.00	1	05/23/2025 04:00	WG2521686
1,2-Dichloropropane	ND		1.00	1	05/23/2025 04:00	WG2521686
1,1-Dichloropropene	ND		1.00	1	05/23/2025 04:00	WG2521686
1,3-Dichloropropane	ND		1.00	1	05/23/2025 04:00	WG2521686
cis-1,3-Dichloropropene	ND		1.00	1	05/23/2025 04:00	WG2521686
trans-1,3-Dichloropropene	ND		1.00	1	05/23/2025 04:00	WG2521686
2,2-Dichloropropane	ND		1.00	1	05/23/2025 04:00	WG2521686
Di-isopropyl ether	ND		1.00	1	05/23/2025 04:00	WG2521686
Ethylbenzene	ND		1.00	1	05/23/2025 04:00	WG2521686
Hexachloro-1,3-butadiene	ND		1.00	1	05/23/2025 04:00	WG2521686
Isopropylbenzene	ND		1.00	1	05/23/2025 04:00	WG2521686
p-Isopropyltoluene	ND		1.00	1	05/23/2025 04:00	WG2521686
2-Butanone (MEK)	ND		10.0	1	05/23/2025 04:00	WG2521686
Methylene Chloride	ND		5.00	1	05/23/2025 04:00	WG2521686
4-Methyl-2-pentanone (MIBK)	ND		10.0	1	05/23/2025 04:00	WG2521686
Methyl tert-butyl ether	ND		1.00	1	05/23/2025 04:00	WG2521686
Naphthalene	ND	C3	5.00	1	05/23/2025 04:00	WG2521686
n-Propylbenzene	ND		1.00	1	05/23/2025 04:00	WG2521686
Styrene	ND		1.00	1	05/23/2025 04:00	WG2521686
1,1,1,2-Tetrachloroethane	ND		1.00	1	05/23/2025 04:00	WG2521686
1,1,2,2-Tetrachloroethane	ND		1.00	1	05/23/2025 04:00	WG2521686
1,1,2-Trichlorotrifluoroethane	ND		1.00	1	05/23/2025 04:00	WG2521686
Tetrachloroethene	ND		1.00	1	05/23/2025 04:00	WG2521686
Toluene	ND		1.00	1	05/23/2025 04:00	WG2521686
1,2,3-Trichlorobenzene	ND	C3	1.00	1	05/23/2025 04:00	WG2521686
1,2,4-Trichlorobenzene	ND	C3	1.00	1	05/23/2025 04:00	WG2521686

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
1,1,1-Trichloroethane	ND		1.00	1	05/23/2025 04:00	WG2521686
1,1,2-Trichloroethane	ND		1.00	1	05/23/2025 04:00	WG2521686
Trichloroethene	ND		1.00	1	05/23/2025 04:00	WG2521686
Trichlorofluoromethane	ND		5.00	1	05/23/2025 04:00	WG2521686
1,2,3-Trichloropropane	ND		2.50	1	05/23/2025 04:00	WG2521686
1,2,4-Trimethylbenzene	ND		1.00	1	05/23/2025 04:00	WG2521686
1,2,3-Trimethylbenzene	ND		1.00	1	05/23/2025 04:00	WG2521686
1,3,5-Trimethylbenzene	ND		1.00	1	05/23/2025 04:00	WG2521686
Vinyl chloride	ND		1.00	1	05/23/2025 04:00	WG2521686
Xylenes, Total	ND		3.00	1	05/23/2025 04:00	WG2521686
(S) Toluene-d8	*109*		*80.0-120*		*05/23/2025 04:00*	WG2521686
(S) 4-Bromofluorobenzene	*95.4*		*77.0-126*		*05/23/2025 04:00*	WG2521686
(S) 1,2-Dichloroethane-d4	*105*		*70.0-130*		*05/23/2025 04:00*	WG2521686

Calculated Results

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Total Nitrogen	2280000		23500	1	05/25/2025 11:36	WG2522313

Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	85.2		1	05/23/2025 14:49	WG2522200

Wet Chemistry by Method 350.1

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Ammonia Nitrogen	ND		11700	1	05/25/2025 02:23	WG2522569

Wet Chemistry by Method 4500NOrg D-2021

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Kjeldahl Nitrogen, TKN	2110000		117000	5	05/27/2025 20:21	WG2522563

Wet Chemistry by Method 9056A

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	ND		23500	1	05/25/2025 02:43	WG2522313

Wet Chemistry by Method WALKLEY-BLACK

Analyte	Result ug/kg	Qualifier	RDL ug/kg	Dilution	Analysis date / time	Batch
TOC By Walkley Black	41000000		1000000	10	05/26/2025 15:21	WG2522541

Metals (ICP) by Method 6010D

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Aluminum	3100000		23500	1	05/24/2025 09:13	WG2522422
Antimony	ND		2350	1	05/24/2025 09:13	WG2522422
Beryllium	384		235	1	05/24/2025 09:13	WG2522422
Calcium	7460000		117000	1	05/24/2025 09:13	WG2522422
Chromium	4760		1170	1	05/24/2025 09:13	WG2522422
Cobalt	3160		1170	1	05/24/2025 09:13	WG2522422
Iron	5950000		11700	1	05/24/2025 09:13	WG2522422
Magnesium	1950000		117000	1	05/24/2025 09:13	WG2522422
Manganese	166000		1170	1	05/24/2025 09:13	WG2522422
Potassium	1000000		117000	1	05/24/2025 09:13	WG2522422
Sodium	ND		117000	1	05/24/2025 09:13	WG2522422
Thallium	ND		2350	1	05/24/2025 09:13	WG2522422
Vanadium	10600		2350	1	05/24/2025 09:13	WG2522422

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

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Acetone	ND		67.4	1	05/24/2025 11:26	WG2522345
Acrylonitrile	ND		16.9	1	05/24/2025 11:26	WG2522345
Bromobenzene	ND		16.9	1	05/24/2025 11:26	WG2522345
Bromodichloromethane	ND		3.37	1	05/24/2025 11:26	WG2522345
Bromoform	ND	C3	33.7	1	05/24/2025 11:26	WG2522345

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

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Bromomethane	ND	C3	16.9	1	05/24/2025 11:26	WG2522345
n-Butylbenzene	ND		16.9	1	05/24/2025 11:26	WG2522345
sec-Butylbenzene	ND		16.9	1	05/24/2025 11:26	WG2522345
tert-Butylbenzene	ND		6.74	1	05/24/2025 11:26	WG2522345
Carbon tetrachloride	ND		6.74	1	05/24/2025 11:26	WG2522345
Chlorobenzene	ND		3.37	1	05/24/2025 11:26	WG2522345
Chlorodibromomethane	ND		3.37	1	05/24/2025 11:26	WG2522345
Chloroethane	ND		6.74	1	05/24/2025 11:26	WG2522345
Chloroform	ND		3.37	1	05/24/2025 11:26	WG2522345
Chloromethane	ND		16.9	1	05/24/2025 11:26	WG2522345
2-Chlorotoluene	ND		3.37	1	05/24/2025 11:26	WG2522345
4-Chlorotoluene	ND		6.74	1	05/24/2025 11:26	WG2522345
1,2-Dibromo-3-Chloropropane	ND	C3	33.7	1	05/24/2025 11:26	WG2522345
1,2-Dibromoethane	ND		3.37	1	05/24/2025 11:26	WG2522345
Dibromomethane	ND		6.74	1	05/24/2025 11:26	WG2522345
1,2-Dichlorobenzene	ND		6.74	1	05/24/2025 11:26	WG2522345
1,3-Dichlorobenzene	ND		6.74	1	05/24/2025 11:26	WG2522345
1,4-Dichlorobenzene	ND		6.74	1	05/24/2025 11:26	WG2522345
Dichlorodifluoromethane	ND		6.74	1	05/24/2025 11:26	WG2522345
1,1-Dichloroethane	ND		3.37	1	05/24/2025 11:26	WG2522345
1,2-Dichloroethane	ND		3.37	1	05/24/2025 11:26	WG2522345
1,1-Dichloroethene	ND		3.37	1	05/24/2025 11:26	WG2522345
cis-1,2-Dichloroethene	ND		3.37	1	05/24/2025 11:26	WG2522345
trans-1,2-Dichloroethene	ND		6.74	1	05/24/2025 11:26	WG2522345
1,2-Dichloropropane	ND		6.74	1	05/24/2025 11:26	WG2522345
1,1-Dichloropropene	ND		3.37	1	05/24/2025 11:26	WG2522345
1,3-Dichloropropane	ND		6.74	1	05/24/2025 11:26	WG2522345
cis-1,3-Dichloropropene	ND		3.37	1	05/24/2025 11:26	WG2522345
trans-1,3-Dichloropropene	ND		6.74	1	05/24/2025 11:26	WG2522345
2,2-Dichloropropane	ND	C3	3.37	1	05/24/2025 11:26	WG2522345
Di-isopropyl ether	ND		1.35	1	05/24/2025 11:26	WG2522345
Hexachloro-1,3-butadiene	ND		33.7	1	05/24/2025 11:26	WG2522345
Isopropylbenzene	ND		3.37	1	05/24/2025 11:26	WG2522345
p-Isopropyltoluene	ND		6.74	1	05/24/2025 11:26	WG2522345
2-Butanone (MEK)	ND		135	1	05/24/2025 11:26	WG2522345
Methylene Chloride	ND		33.7	1	05/24/2025 11:26	WG2522345
4-Methyl-2-pentanone (MIBK)	ND		33.7	1	05/24/2025 11:26	WG2522345
Methyl tert-butyl ether	ND		1.35	1	05/24/2025 11:26	WG2522345
n-Propylbenzene	ND		6.74	1	05/24/2025 11:26	WG2522345
Styrene	ND		16.9	1	05/24/2025 11:26	WG2522345
1,1,1,2-Tetrachloroethane	ND		3.37	1	05/24/2025 11:26	WG2522345
1,1,2,2-Tetrachloroethane	ND		3.37	1	05/24/2025 11:26	WG2522345
1,1,2-Trichlorotrifluoroethane	ND		3.37	1	05/24/2025 11:26	WG2522345
Tetrachloroethene	ND		3.37	1	05/24/2025 11:26	WG2522345
1,2,3-Trichlorobenzene	ND		16.9	1	05/24/2025 11:26	WG2522345
1,2,4-Trichlorobenzene	ND		16.9	1	05/24/2025 11:26	WG2522345
1,1,1-Trichloroethane	ND		3.37	1	05/24/2025 11:26	WG2522345
1,1,2-Trichloroethane	ND		3.37	1	05/24/2025 11:26	WG2522345
Trichloroethene	ND		1.35	1	05/24/2025 11:26	WG2522345
Trichlorofluoromethane	ND		3.37	1	05/24/2025 11:26	WG2522345
1,2,3-Trichloropropane	ND		16.9	1	05/24/2025 11:26	WG2522345
1,2,3-Trimethylbenzene	ND		6.74	1	05/24/2025 11:26	WG2522345
Vinyl chloride	ND		3.37	1	05/24/2025 11:26	WG2522345
(S) Toluene-d8	*99.3*		*75.0-131*		*05/24/2025 11:26*	WG2522345
(S) 4-Bromofluorobenzene	*93.3*		*67.0-138*		*05/24/2025 11:26*	WG2522345
(S) 1,2-Dichloroethane-d4	*98.6*		*70.0-130*		*05/24/2025 11:26*	WG2522345

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

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Acenaphthylene	ND		78.2	2	05/24/2025 11:05	WG2522425
Benzidine	ND	C7	3920	2	05/24/2025 11:05	WG2522425
Benzo(g,h,i)perylene	ND		78.2	2	05/24/2025 11:05	WG2522425
Bis(2-chlorethoxy)methane	ND		782	2	05/24/2025 11:05	WG2522425
Bis(2-chloroethyl)ether	ND		782	2	05/24/2025 11:05	WG2522425
2,2-Oxybis(1-Chloropropane)	ND	J4	782	2	05/24/2025 11:05	WG2522425
4-Bromophenyl-phenylether	ND		782	2	05/24/2025 11:05	WG2522425
2-Chloronaphthalene	ND		78.2	2	05/24/2025 11:05	WG2522425
4-Chlorophenyl-phenylether	ND		782	2	05/24/2025 11:05	WG2522425
1,2-Dichlorobenzene	ND		782	2	05/24/2025 11:05	WG2522425
1,3-Dichlorobenzene	ND		782	2	05/24/2025 11:05	WG2522425
1,4-Dichlorobenzene	ND		782	2	05/24/2025 11:05	WG2522425
3,3-Dichlorobenzidine	ND		782	2	05/24/2025 11:05	WG2522425
2,4-Dinitrotoluene	ND		782	2	05/24/2025 11:05	WG2522425
2,6-Dinitrotoluene	ND		782	2	05/24/2025 11:05	WG2522425
Hexachlorobenzene	ND		782	2	05/24/2025 11:05	WG2522425
Hexachloro-1,3-butadiene	ND		782	2	05/24/2025 11:05	WG2522425
Hexachlorocyclopentadiene	ND	C3	782	2	05/24/2025 11:05	WG2522425
Hexachloroethane	ND		782	2	05/24/2025 11:05	WG2522425
Isophorone	ND		782	2	05/24/2025 11:05	WG2522425
Nitrobenzene	ND		782	2	05/24/2025 11:05	WG2522425
n-Nitrosodimethylamine	ND	J4	782	2	05/24/2025 11:05	WG2522425
n-Nitrosodiphenylamine	ND		782	2	05/24/2025 11:05	WG2522425
n-Nitrosodi-n-propylamine	ND		782	2	05/24/2025 11:05	WG2522425
Phenanthrene	ND		78.2	2	05/24/2025 11:05	WG2522425
Benzylbutyl phthalate	ND		782	2	05/24/2025 11:05	WG2522425
Bis(2-ethylhexyl)phthalate	ND		782	2	05/24/2025 11:05	WG2522425
Di-n-butyl phthalate	ND		782	2	05/24/2025 11:05	WG2522425
Diethyl phthalate	ND		782	2	05/24/2025 11:05	WG2522425
Dimethyl phthalate	ND		782	2	05/24/2025 11:05	WG2522425
Di-n-octyl phthalate	ND		782	2	05/24/2025 11:05	WG2522425
1,2,4-Trichlorobenzene	ND		782	2	05/24/2025 11:05	WG2522425
4-Chloro-3-methylphenol	ND		782	2	05/24/2025 11:05	WG2522425
2-Chlorophenol	ND		782	2	05/24/2025 11:05	WG2522425
2,4-Dichlorophenol	ND		782	2	05/24/2025 11:05	WG2522425
2,4-Dimethylphenol	ND		782	2	05/24/2025 11:05	WG2522425
4,6-Dinitro-2-methylphenol	ND		782	2	05/24/2025 11:05	WG2522425
2,4-Dinitrophenol	ND		782	2	05/24/2025 11:05	WG2522425
2-Nitrophenol	ND		782	2	05/24/2025 11:05	WG2522425
4-Nitrophenol	ND		782	2	05/24/2025 11:05	WG2522425
Pentachlorophenol	ND		782	2	05/24/2025 11:05	WG2522425
Phenol	ND		782	2	05/24/2025 11:05	WG2522425
2,4,6-Trichlorophenol	ND		782	2	05/24/2025 11:05	WG2522425
(S) 2-Fluorophenol	*86.1*		*12.0-120*		*05/24/2025 11:05*	WG2522425
(S) Phenol-d5	*79.8*		*10.0-120*		*05/24/2025 11:05*	WG2522425
(S) Nitrobenzene-d5	*74.4*		*10.0-122*		*05/24/2025 11:05*	WG2522425
(S) 2-Fluorobiphenyl	*70.7*		*15.0-120*		*05/24/2025 11:05*	WG2522425
(S) 2,4,6-Tribromophenol	*105*		*10.0-127*		*05/24/2025 11:05*	WG2522425
(S) p-Terphenyl-d14	*75.7*		*10.0-120*		*05/24/2025 11:05*	WG2522425

Sample Narrative:

L1861761-19 WG2522425: Dilution due to matrix impact during extract concentration procedure

Calculated Results

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Total Nitrogen	2510000		22800	1	05/27/2025 20:22	WG2522313

Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	87.9		1	05/23/2025 14:49	WG2522200

Wet Chemistry by Method 350.1

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Ammonia Nitrogen	ND		11400	1	05/25/2025 02:26	WG2522569

Wet Chemistry by Method 4500NOrg D-2021

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Kjeldahl Nitrogen, TKN	2510000		114000	5	05/27/2025 20:22	WG2522563

Wet Chemistry by Method 9056A

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	ND		22800	1	05/25/2025 02:56	WG2522313

Wet Chemistry by Method WALKLEY-BLACK

Analyte	Result ug/kg	Qualifier	RDL ug/kg	Dilution	Analysis date / time	Batch
TOC By Walkley Black	47300000		1000000	10	05/26/2025 15:21	WG2522541

Metals (ICP) by Method 6010D

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Aluminum	2940000		22800	1	05/24/2025 09:14	WG2522422
Antimony	ND		2280	1	05/24/2025 09:14	WG2522422
Beryllium	390		228	1	05/24/2025 09:14	WG2522422
Calcium	6780000		114000	1	05/24/2025 09:14	WG2522422
Chromium	4220		1140	1	05/24/2025 09:14	WG2522422
Cobalt	3080		1140	1	05/24/2025 09:14	WG2522422
Iron	7360000		11400	1	05/24/2025 09:14	WG2522422
Magnesium	1930000		114000	1	05/24/2025 09:14	WG2522422
Manganese	168000		1140	1	05/24/2025 09:14	WG2522422
Potassium	1040000		114000	1	05/24/2025 09:14	WG2522422
Sodium	ND		114000	1	05/24/2025 09:14	WG2522422
Thallium	ND		2280	1	05/24/2025 09:14	WG2522422
Vanadium	13600		2280	1	05/24/2025 09:14	WG2522422

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

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Acetone	ND		63.9	1	05/24/2025 11:47	WG2522345
Acrylonitrile	ND		16.0	1	05/24/2025 11:47	WG2522345
Bromobenzene	ND		16.0	1	05/24/2025 11:47	WG2522345
Bromodichloromethane	ND		3.19	1	05/24/2025 11:47	WG2522345
Bromoform	ND	C3	31.9	1	05/24/2025 11:47	WG2522345

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

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Bromomethane	ND	C3	16.0	1	05/24/2025 11:47	WG2522345
n-Butylbenzene	ND		16.0	1	05/24/2025 11:47	WG2522345
sec-Butylbenzene	ND		16.0	1	05/24/2025 11:47	WG2522345
tert-Butylbenzene	ND		6.39	1	05/24/2025 11:47	WG2522345
Carbon tetrachloride	ND		6.39	1	05/24/2025 11:47	WG2522345
Chlorobenzene	ND		3.19	1	05/24/2025 11:47	WG2522345
Chlorodibromomethane	ND		3.19	1	05/24/2025 11:47	WG2522345
Chloroethane	ND		6.39	1	05/24/2025 11:47	WG2522345
Chloroform	ND		3.19	1	05/24/2025 11:47	WG2522345
Chloromethane	ND		16.0	1	05/24/2025 11:47	WG2522345
2-Chlorotoluene	ND		3.19	1	05/24/2025 11:47	WG2522345
4-Chlorotoluene	ND		6.39	1	05/24/2025 11:47	WG2522345
1,2-Dibromo-3-Chloropropane	ND	C3	31.9	1	05/24/2025 11:47	WG2522345
1,2-Dibromoethane	ND		3.19	1	05/24/2025 11:47	WG2522345
Dibromomethane	ND		6.39	1	05/24/2025 11:47	WG2522345
1,2-Dichlorobenzene	ND		6.39	1	05/24/2025 11:47	WG2522345
1,3-Dichlorobenzene	ND		6.39	1	05/24/2025 11:47	WG2522345
1,4-Dichlorobenzene	ND		6.39	1	05/24/2025 11:47	WG2522345
Dichlorodifluoromethane	ND		6.39	1	05/24/2025 11:47	WG2522345
1,1-Dichloroethane	ND		3.19	1	05/24/2025 11:47	WG2522345
1,2-Dichloroethane	ND		3.19	1	05/24/2025 11:47	WG2522345
1,1-Dichloroethene	ND		3.19	1	05/24/2025 11:47	WG2522345
cis-1,2-Dichloroethene	ND		3.19	1	05/24/2025 11:47	WG2522345
trans-1,2-Dichloroethene	ND		6.39	1	05/24/2025 11:47	WG2522345
1,2-Dichloropropane	ND		6.39	1	05/24/2025 11:47	WG2522345
1,1-Dichloropropene	ND		3.19	1	05/24/2025 11:47	WG2522345
1,3-Dichloropropane	ND		6.39	1	05/24/2025 11:47	WG2522345
cis-1,3-Dichloropropene	ND		3.19	1	05/24/2025 11:47	WG2522345
trans-1,3-Dichloropropene	ND		6.39	1	05/24/2025 11:47	WG2522345
2,2-Dichloropropane	ND	C3	3.19	1	05/24/2025 11:47	WG2522345
Di-isopropyl ether	ND		1.28	1	05/24/2025 11:47	WG2522345
Hexachloro-1,3-butadiene	ND		31.9	1	05/24/2025 11:47	WG2522345
Isopropylbenzene	ND		3.19	1	05/24/2025 11:47	WG2522345
p-Isopropyltoluene	ND		6.39	1	05/24/2025 11:47	WG2522345
2-Butanone (MEK)	ND		128	1	05/24/2025 11:47	WG2522345
Methylene Chloride	ND		31.9	1	05/24/2025 11:47	WG2522345
4-Methyl-2-pentanone (MIBK)	ND		31.9	1	05/24/2025 11:47	WG2522345
Methyl tert-butyl ether	ND		1.28	1	05/24/2025 11:47	WG2522345
n-Propylbenzene	ND		6.39	1	05/24/2025 11:47	WG2522345
Styrene	ND		16.0	1	05/24/2025 11:47	WG2522345
1,1,1,2-Tetrachloroethane	ND		3.19	1	05/24/2025 11:47	WG2522345
1,1,2,2-Tetrachloroethane	ND		3.19	1	05/24/2025 11:47	WG2522345
1,1,2-Trichlorotrifluoroethane	ND		3.19	1	05/24/2025 11:47	WG2522345
Tetrachloroethene	ND		3.19	1	05/24/2025 11:47	WG2522345
1,2,3-Trichlorobenzene	ND		16.0	1	05/24/2025 11:47	WG2522345
1,2,4-Trichlorobenzene	ND		16.0	1	05/24/2025 11:47	WG2522345
1,1,1-Trichloroethane	ND		3.19	1	05/24/2025 11:47	WG2522345
1,1,2-Trichloroethane	ND		3.19	1	05/24/2025 11:47	WG2522345
Trichloroethene	ND		1.28	1	05/24/2025 11:47	WG2522345
Trichlorofluoromethane	ND		3.19	1	05/24/2025 11:47	WG2522345
1,2,3-Trichloropropane	ND		16.0	1	05/24/2025 11:47	WG2522345
1,2,3-Trimethylbenzene	ND		6.39	1	05/24/2025 11:47	WG2522345
Vinyl chloride	ND		3.19	1	05/24/2025 11:47	WG2522345
(S) Toluene-d8	*101*		*75.0-131*		*05/24/2025 11:47*	WG2522345
(S) 4-Bromofluorobenzene	*96.0*		*67.0-138*		*05/24/2025 11:47*	WG2522345
(S) 1,2-Dichloroethane-d4	*97.4*		*70.0-130*		*05/24/2025 11:47*	WG2522345

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

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Acenaphthylene	ND		75.8	2	05/24/2025 11:26	WG2522425
Benzidine	ND	C7	3800	2	05/24/2025 11:26	WG2522425
Benzo(g,h,i)perylene	ND		75.8	2	05/24/2025 11:26	WG2522425
Bis(2-chlorethoxy)methane	ND		758	2	05/24/2025 11:26	WG2522425
Bis(2-chloroethyl)ether	ND		758	2	05/24/2025 11:26	WG2522425
2,2-Oxybis(1-Chloropropane)	ND	J4	758	2	05/24/2025 11:26	WG2522425
4-Bromophenyl-phenylether	ND		758	2	05/24/2025 11:26	WG2522425
2-Chloronaphthalene	ND		75.8	2	05/24/2025 11:26	WG2522425
4-Chlorophenyl-phenylether	ND		758	2	05/24/2025 11:26	WG2522425
1,2-Dichlorobenzene	ND		758	2	05/24/2025 11:26	WG2522425
1,3-Dichlorobenzene	ND		758	2	05/24/2025 11:26	WG2522425
1,4-Dichlorobenzene	ND		758	2	05/24/2025 11:26	WG2522425
3,3-Dichlorobenzidine	ND		758	2	05/24/2025 11:26	WG2522425
2,4-Dinitrotoluene	ND		758	2	05/24/2025 11:26	WG2522425
2,6-Dinitrotoluene	ND		758	2	05/24/2025 11:26	WG2522425
Hexachlorobenzene	ND		758	2	05/24/2025 11:26	WG2522425
Hexachloro-1,3-butadiene	ND		758	2	05/24/2025 11:26	WG2522425
Hexachlorocyclopentadiene	ND	C3	758	2	05/24/2025 11:26	WG2522425
Hexachloroethane	ND		758	2	05/24/2025 11:26	WG2522425
Isophorone	ND		758	2	05/24/2025 11:26	WG2522425
Nitrobenzene	ND		758	2	05/24/2025 11:26	WG2522425
n-Nitrosodimethylamine	ND	J4	758	2	05/24/2025 11:26	WG2522425
n-Nitrosodiphenylamine	ND		758	2	05/24/2025 11:26	WG2522425
n-Nitrosodi-n-propylamine	ND		758	2	05/24/2025 11:26	WG2522425
Phenanthrene	ND		75.8	2	05/24/2025 11:26	WG2522425
Benzylbutyl phthalate	ND		758	2	05/24/2025 11:26	WG2522425
Bis(2-ethylhexyl)phthalate	ND		758	2	05/24/2025 11:26	WG2522425
Di-n-butyl phthalate	ND		758	2	05/24/2025 11:26	WG2522425
Diethyl phthalate	ND		758	2	05/24/2025 11:26	WG2522425
Dimethyl phthalate	ND		758	2	05/24/2025 11:26	WG2522425
Di-n-octyl phthalate	ND		758	2	05/24/2025 11:26	WG2522425
1,2,4-Trichlorobenzene	ND		758	2	05/24/2025 11:26	WG2522425
4-Chloro-3-methylphenol	ND		758	2	05/24/2025 11:26	WG2522425
2-Chlorophenol	ND		758	2	05/24/2025 11:26	WG2522425
2,4-Dichlorophenol	ND		758	2	05/24/2025 11:26	WG2522425
2,4-Dimethylphenol	ND		758	2	05/24/2025 11:26	WG2522425
4,6-Dinitro-2-methylphenol	ND		758	2	05/24/2025 11:26	WG2522425
2,4-Dinitrophenol	ND		758	2	05/24/2025 11:26	WG2522425
2-Nitrophenol	ND		758	2	05/24/2025 11:26	WG2522425
4-Nitrophenol	ND		758	2	05/24/2025 11:26	WG2522425
Pentachlorophenol	ND		758	2	05/24/2025 11:26	WG2522425
Phenol	ND		758	2	05/24/2025 11:26	WG2522425
2,4,6-Trichlorophenol	ND		758	2	05/24/2025 11:26	WG2522425
(S) 2-Fluorophenol	*78.2*		*12.0-120*		*05/24/2025 11:26*	WG2522425
(S) Phenol-d5	*67.2*		*10.0-120*		*05/24/2025 11:26*	WG2522425
(S) Nitrobenzene-d5	*68.3*		*10.0-122*		*05/24/2025 11:26*	WG2522425
(S) 2-Fluorobiphenyl	*61.8*		*15.0-120*		*05/24/2025 11:26*	WG2522425
(S) 2,4,6-Tribromophenol	*83.4*		*10.0-127*		*05/24/2025 11:26*	WG2522425
(S) p-Terphenyl-d14	*67.1*		*10.0-120*		*05/24/2025 11:26*	WG2522425

Sample Narrative:

L1861761-20 WG2522425: Dilution due to matrix impact during extract concentration procedure

Calculated Results

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	ug/kg		ug/kg		date / time	
Total Nitrogen	1950000		22600	1	05/27/2025 20:24	WG2522313

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	88.7		1	05/23/2025 14:49	WG2522200

Wet Chemistry by Method 350.1

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	ug/kg		ug/kg		date / time	
Ammonia Nitrogen	ND		11300	1	05/25/2025 02:27	WG2522569

Wet Chemistry by Method 4500NOrg D-2021

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	ug/kg		ug/kg		date / time	
Kjeldahl Nitrogen, TKN	1950000		113000	5	05/27/2025 20:24	WG2522563

Wet Chemistry by Method 9056A

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	ug/kg		ug/kg		date / time	
Nitrate-Nitrite	ND		22600	1	05/25/2025 03:09	WG2522313

Wet Chemistry by Method WALKLEY-BLACK

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/kg		ug/kg		date / time	
TOC By Walkley Black	56500000		1000000	10	05/26/2025 15:21	WG2522541

Metals (ICP) by Method 6010D

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	ug/kg		ug/kg		date / time	
Aluminum	2380000		22600	1	05/24/2025 09:16	WG2522422
Antimony	ND		2260	1	05/24/2025 09:16	WG2522422
Beryllium	326		226	1	05/24/2025 09:16	WG2522422
Calcium	7000000		113000	1	05/24/2025 09:16	WG2522422
Chromium	3460		1130	1	05/24/2025 09:16	WG2522422
Cobalt	3550		1130	1	05/24/2025 09:16	WG2522422
Iron	5050000		11300	1	05/24/2025 09:16	WG2522422
Magnesium	1400000		113000	1	05/24/2025 09:16	WG2522422
Manganese	188000		1130	1	05/24/2025 09:16	WG2522422
Potassium	800000		113000	1	05/24/2025 09:16	WG2522422
Sodium	ND		113000	1	05/24/2025 09:16	WG2522422
Thallium	ND		2260	1	05/24/2025 09:16	WG2522422
Vanadium	8630		2260	1	05/24/2025 09:16	WG2522422

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

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	ug/kg		ug/kg		date / time	
Acetone	ND		62.8	1	05/24/2025 12:08	WG2522345
Acrylonitrile	ND		15.7	1	05/24/2025 12:08	WG2522345
Bromobenzene	ND		15.7	1	05/24/2025 12:08	WG2522345
Bromodichloromethane	ND		3.14	1	05/24/2025 12:08	WG2522345
Bromoform	ND	C3	31.4	1	05/24/2025 12:08	WG2522345

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

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Bromomethane	ND	C3	15.7	1	05/24/2025 12:08	WG2522345
n-Butylbenzene	ND		15.7	1	05/24/2025 12:08	WG2522345
sec-Butylbenzene	ND		15.7	1	05/24/2025 12:08	WG2522345
tert-Butylbenzene	ND		6.28	1	05/24/2025 12:08	WG2522345
Carbon tetrachloride	ND		6.28	1	05/24/2025 12:08	WG2522345
Chlorobenzene	ND		3.14	1	05/24/2025 12:08	WG2522345
Chlorodibromomethane	ND		3.14	1	05/24/2025 12:08	WG2522345
Chloroethane	ND		6.28	1	05/24/2025 12:08	WG2522345
Chloroform	ND		3.14	1	05/24/2025 12:08	WG2522345
Chloromethane	ND		15.7	1	05/24/2025 12:08	WG2522345
2-Chlorotoluene	ND		3.14	1	05/24/2025 12:08	WG2522345
4-Chlorotoluene	ND		6.28	1	05/24/2025 12:08	WG2522345
1,2-Dibromo-3-Chloropropane	ND	C3	31.4	1	05/24/2025 12:08	WG2522345
1,2-Dibromoethane	ND		3.14	1	05/24/2025 12:08	WG2522345
Dibromomethane	ND		6.28	1	05/24/2025 12:08	WG2522345
1,2-Dichlorobenzene	ND		6.28	1	05/24/2025 12:08	WG2522345
1,3-Dichlorobenzene	ND		6.28	1	05/24/2025 12:08	WG2522345
1,4-Dichlorobenzene	ND		6.28	1	05/24/2025 12:08	WG2522345
Dichlorodifluoromethane	ND		6.28	1	05/24/2025 12:08	WG2522345
1,1-Dichloroethane	ND		3.14	1	05/24/2025 12:08	WG2522345
1,2-Dichloroethane	ND		3.14	1	05/24/2025 12:08	WG2522345
1,1-Dichloroethene	ND		3.14	1	05/24/2025 12:08	WG2522345
cis-1,2-Dichloroethene	ND		3.14	1	05/24/2025 12:08	WG2522345
trans-1,2-Dichloroethene	ND		6.28	1	05/24/2025 12:08	WG2522345
1,2-Dichloropropane	ND		6.28	1	05/24/2025 12:08	WG2522345
1,1-Dichloropropene	ND		3.14	1	05/24/2025 12:08	WG2522345
1,3-Dichloropropane	ND		6.28	1	05/24/2025 12:08	WG2522345
cis-1,3-Dichloropropene	ND		3.14	1	05/24/2025 12:08	WG2522345
trans-1,3-Dichloropropene	ND		6.28	1	05/24/2025 12:08	WG2522345
2,2-Dichloropropane	ND	C3	3.14	1	05/24/2025 12:08	WG2522345
Di-isopropyl ether	ND		1.26	1	05/24/2025 12:08	WG2522345
Hexachloro-1,3-butadiene	ND		31.4	1	05/24/2025 12:08	WG2522345
Isopropylbenzene	ND		3.14	1	05/24/2025 12:08	WG2522345
p-Isopropyltoluene	ND		6.28	1	05/24/2025 12:08	WG2522345
2-Butanone (MEK)	ND		126	1	05/24/2025 12:08	WG2522345
Methylene Chloride	ND		31.4	1	05/24/2025 12:08	WG2522345
4-Methyl-2-pentanone (MIBK)	ND		31.4	1	05/24/2025 12:08	WG2522345
Methyl tert-butyl ether	ND		1.26	1	05/24/2025 12:08	WG2522345
n-Propylbenzene	ND		6.28	1	05/24/2025 12:08	WG2522345
Styrene	ND		15.7	1	05/24/2025 12:08	WG2522345
1,1,1,2-Tetrachloroethane	ND		3.14	1	05/24/2025 12:08	WG2522345
1,1,2,2-Tetrachloroethane	ND		3.14	1	05/24/2025 12:08	WG2522345
1,1,2-Trichlorotrifluoroethane	ND		3.14	1	05/24/2025 12:08	WG2522345
Tetrachloroethene	ND		3.14	1	05/24/2025 12:08	WG2522345
1,2,3-Trichlorobenzene	ND		15.7	1	05/24/2025 12:08	WG2522345
1,2,4-Trichlorobenzene	ND		15.7	1	05/24/2025 12:08	WG2522345
1,1,1-Trichloroethane	ND		3.14	1	05/24/2025 12:08	WG2522345
1,1,2-Trichloroethane	ND		3.14	1	05/24/2025 12:08	WG2522345
Trichloroethene	ND		1.26	1	05/24/2025 12:08	WG2522345
Trichlorofluoromethane	ND		3.14	1	05/24/2025 12:08	WG2522345
1,2,3-Trichloropropane	ND		15.7	1	05/24/2025 12:08	WG2522345
1,2,3-Trimethylbenzene	ND		6.28	1	05/24/2025 12:08	WG2522345
Vinyl chloride	ND		3.14	1	05/24/2025 12:08	WG2522345
(S) Toluene-d8	*99.5*		*75.0-131*		*05/24/2025 12:08*	WG2522345
(S) 4-Bromofluorobenzene	*93.6*		*67.0-138*		*05/24/2025 12:08*	WG2522345
(S) 1,2-Dichloroethane-d4	*97.0*		*70.0-130*		*05/24/2025 12:08*	WG2522345

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

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Acenaphthylene	ND		75.1	2	05/24/2025 11:47	WG2522425
Benzidine	ND	C7	3770	2	05/24/2025 11:47	WG2522425
Benzo(g,h,i)perylene	ND		75.1	2	05/24/2025 11:47	WG2522425
Bis(2-chlorethoxy)methane	ND		751	2	05/24/2025 11:47	WG2522425
Bis(2-chloroethyl)ether	ND		751	2	05/24/2025 11:47	WG2522425
2,2-Oxybis(1-Chloropropane)	ND	J4	751	2	05/24/2025 11:47	WG2522425
4-Bromophenyl-phenylether	ND		751	2	05/24/2025 11:47	WG2522425
2-Chloronaphthalene	ND		75.1	2	05/24/2025 11:47	WG2522425
4-Chlorophenyl-phenylether	ND		751	2	05/24/2025 11:47	WG2522425
1,2-Dichlorobenzene	ND		751	2	05/24/2025 11:47	WG2522425
1,3-Dichlorobenzene	ND		751	2	05/24/2025 11:47	WG2522425
1,4-Dichlorobenzene	ND		751	2	05/24/2025 11:47	WG2522425
3,3-Dichlorobenzidine	ND		751	2	05/24/2025 11:47	WG2522425
2,4-Dinitrotoluene	ND		751	2	05/24/2025 11:47	WG2522425
2,6-Dinitrotoluene	ND		751	2	05/24/2025 11:47	WG2522425
Hexachlorobenzene	ND		751	2	05/24/2025 11:47	WG2522425
Hexachloro-1,3-butadiene	ND		751	2	05/24/2025 11:47	WG2522425
Hexachlorocyclopentadiene	ND	C3	751	2	05/24/2025 11:47	WG2522425
Hexachloroethane	ND		751	2	05/24/2025 11:47	WG2522425
Isophorone	ND		751	2	05/24/2025 11:47	WG2522425
Nitrobenzene	ND		751	2	05/24/2025 11:47	WG2522425
n-Nitrosodimethylamine	ND	J4	751	2	05/24/2025 11:47	WG2522425
n-Nitrosodiphenylamine	ND		751	2	05/24/2025 11:47	WG2522425
n-Nitrosodi-n-propylamine	ND		751	2	05/24/2025 11:47	WG2522425
Phenanthrene	ND		75.1	2	05/24/2025 11:47	WG2522425
Benzylbutyl phthalate	ND		751	2	05/24/2025 11:47	WG2522425
Bis(2-ethylhexyl)phthalate	ND		751	2	05/24/2025 11:47	WG2522425
Di-n-butyl phthalate	ND		751	2	05/24/2025 11:47	WG2522425
Diethyl phthalate	ND		751	2	05/24/2025 11:47	WG2522425
Dimethyl phthalate	ND		751	2	05/24/2025 11:47	WG2522425
Di-n-octyl phthalate	ND		751	2	05/24/2025 11:47	WG2522425
1,2,4-Trichlorobenzene	ND		751	2	05/24/2025 11:47	WG2522425
4-Chloro-3-methylphenol	ND		751	2	05/24/2025 11:47	WG2522425
2-Chlorophenol	ND		751	2	05/24/2025 11:47	WG2522425
2,4-Dichlorophenol	ND		751	2	05/24/2025 11:47	WG2522425
2,4-Dimethylphenol	ND		751	2	05/24/2025 11:47	WG2522425
4,6-Dinitro-2-methylphenol	ND		751	2	05/24/2025 11:47	WG2522425
2,4-Dinitrophenol	ND		751	2	05/24/2025 11:47	WG2522425
2-Nitrophenol	ND		751	2	05/24/2025 11:47	WG2522425
4-Nitrophenol	ND		751	2	05/24/2025 11:47	WG2522425
Pentachlorophenol	ND		751	2	05/24/2025 11:47	WG2522425
Phenol	ND		751	2	05/24/2025 11:47	WG2522425
2,4,6-Trichlorophenol	ND		751	2	05/24/2025 11:47	WG2522425
(S) 2-Fluorophenol	*77.1*		*12.0-120*		*05/24/2025 11:47*	WG2522425
(S) Phenol-d5	*69.7*		*10.0-120*		*05/24/2025 11:47*	WG2522425
(S) Nitrobenzene-d5	*66.9*		*10.0-122*		*05/24/2025 11:47*	WG2522425
(S) 2-Fluorobiphenyl	*65.9*		*15.0-120*		*05/24/2025 11:47*	WG2522425
(S) 2,4,6-Tribromophenol	*84.5*		*10.0-127*		*05/24/2025 11:47*	WG2522425
(S) p-Terphenyl-d14	*66.6*		*10.0-120*		*05/24/2025 11:47*	WG2522425

Sample Narrative:

L1861761-21 WG2522425: Dilution due to matrix impact during extract concentration procedure

Calculated Results

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Total Nitrogen	1850000		21700	1	05/27/2025 20:24	WG2522313

Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	92.1		1	05/23/2025 14:49	WG2522200

Wet Chemistry by Method 350.1

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Ammonia Nitrogen	ND		10900	1	05/25/2025 02:29	WG2522569

Wet Chemistry by Method 4500NOrg D-2021

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Kjeldahl Nitrogen, TKN	1850000		109000	5	05/27/2025 20:24	WG2522563

Wet Chemistry by Method 9056A

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	ND		21700	1	05/25/2025 03:21	WG2522313

Wet Chemistry by Method WALKLEY-BLACK

Analyte	Result ug/kg	Qualifier	RDL ug/kg	Dilution	Analysis date / time	Batch
TOC By Walkley Black	23000000		1000000	10	05/26/2025 15:22	WG2522541

Metals (ICP) by Method 6010D

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Aluminum	1520000		21700	1	05/24/2025 09:21	WG2522422
Antimony	ND		2170	1	05/24/2025 09:21	WG2522422
Beryllium	236		217	1	05/24/2025 09:21	WG2522422
Calcium	2900000		109000	1	05/24/2025 09:21	WG2522422
Chromium	2050		1090	1	05/24/2025 09:21	WG2522422
Cobalt	2020		1090	1	05/24/2025 09:21	WG2522422
Iron	2170000		10900	1	05/24/2025 09:21	WG2522422
Magnesium	799000		109000	1	05/24/2025 09:21	WG2522422
Manganese	135000		1090	1	05/24/2025 09:21	WG2522422
Potassium	862000		109000	1	05/24/2025 09:21	WG2522422
Sodium	ND		109000	1	05/24/2025 09:21	WG2522422
Thallium	ND		2170	1	05/24/2025 09:21	WG2522422
Vanadium	5330		2170	1	05/24/2025 09:21	WG2522422

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

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Acetone	ND		58.6	1	05/24/2025 12:28	WG2522345
Acrylonitrile	ND		14.7	1	05/24/2025 12:28	WG2522345
Bromobenzene	ND		14.7	1	05/24/2025 12:28	WG2522345
Bromodichloromethane	ND		2.93	1	05/24/2025 12:28	WG2522345
Bromoform	ND	C3	29.3	1	05/24/2025 12:28	WG2522345

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

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Bromomethane	ND	C3	14.7	1	05/24/2025 12:28	WG2522345
n-Butylbenzene	ND		14.7	1	05/24/2025 12:28	WG2522345
sec-Butylbenzene	ND		14.7	1	05/24/2025 12:28	WG2522345
tert-Butylbenzene	ND		5.86	1	05/24/2025 12:28	WG2522345
Carbon tetrachloride	ND		5.86	1	05/24/2025 12:28	WG2522345
Chlorobenzene	ND		2.93	1	05/24/2025 12:28	WG2522345
Chlorodibromomethane	ND		2.93	1	05/24/2025 12:28	WG2522345
Chloroethane	ND		5.86	1	05/24/2025 12:28	WG2522345
Chloroform	ND		2.93	1	05/24/2025 12:28	WG2522345
Chloromethane	ND		14.7	1	05/24/2025 12:28	WG2522345
2-Chlorotoluene	ND		2.93	1	05/24/2025 12:28	WG2522345
4-Chlorotoluene	ND		5.86	1	05/24/2025 12:28	WG2522345
1,2-Dibromo-3-Chloropropane	ND	C3	29.3	1	05/24/2025 12:28	WG2522345
1,2-Dibromoethane	ND		2.93	1	05/24/2025 12:28	WG2522345
Dibromomethane	ND		5.86	1	05/24/2025 12:28	WG2522345
1,2-Dichlorobenzene	ND		5.86	1	05/24/2025 12:28	WG2522345
1,3-Dichlorobenzene	ND		5.86	1	05/24/2025 12:28	WG2522345
1,4-Dichlorobenzene	ND		5.86	1	05/24/2025 12:28	WG2522345
Dichlorodifluoromethane	ND		5.86	1	05/24/2025 12:28	WG2522345
1,1-Dichloroethane	ND		2.93	1	05/24/2025 12:28	WG2522345
1,2-Dichloroethane	ND		2.93	1	05/24/2025 12:28	WG2522345
1,1-Dichloroethene	ND		2.93	1	05/24/2025 12:28	WG2522345
cis-1,2-Dichloroethene	ND		2.93	1	05/24/2025 12:28	WG2522345
trans-1,2-Dichloroethene	ND		5.86	1	05/24/2025 12:28	WG2522345
1,2-Dichloropropane	ND		5.86	1	05/24/2025 12:28	WG2522345
1,1-Dichloropropene	ND		2.93	1	05/24/2025 12:28	WG2522345
1,3-Dichloropropane	ND		5.86	1	05/24/2025 12:28	WG2522345
cis-1,3-Dichloropropene	ND		2.93	1	05/24/2025 12:28	WG2522345
trans-1,3-Dichloropropene	ND		5.86	1	05/24/2025 12:28	WG2522345
2,2-Dichloropropane	ND	C3	2.93	1	05/24/2025 12:28	WG2522345
Di-isopropyl ether	ND		1.17	1	05/24/2025 12:28	WG2522345
Hexachloro-1,3-butadiene	ND		29.3	1	05/24/2025 12:28	WG2522345
Isopropylbenzene	ND		2.93	1	05/24/2025 12:28	WG2522345
p-Isopropyltoluene	ND		5.86	1	05/24/2025 12:28	WG2522345
2-Butanone (MEK)	ND		117	1	05/24/2025 12:28	WG2522345
Methylene Chloride	ND		29.3	1	05/24/2025 12:28	WG2522345
4-Methyl-2-pentanone (MIBK)	ND		29.3	1	05/24/2025 12:28	WG2522345
Methyl tert-butyl ether	ND		1.17	1	05/24/2025 12:28	WG2522345
n-Propylbenzene	ND		5.86	1	05/24/2025 12:28	WG2522345
Styrene	ND		14.7	1	05/24/2025 12:28	WG2522345
1,1,1,2-Tetrachloroethane	ND		2.93	1	05/24/2025 12:28	WG2522345
1,1,2,2-Tetrachloroethane	ND		2.93	1	05/24/2025 12:28	WG2522345
1,1,2-Trichlorotrifluoroethane	ND		2.93	1	05/24/2025 12:28	WG2522345
Tetrachloroethene	ND		2.93	1	05/24/2025 12:28	WG2522345
1,2,3-Trichlorobenzene	ND		14.7	1	05/24/2025 12:28	WG2522345
1,2,4-Trichlorobenzene	ND		14.7	1	05/24/2025 12:28	WG2522345
1,1,1-Trichloroethane	ND		2.93	1	05/24/2025 12:28	WG2522345
1,1,2-Trichloroethane	ND		2.93	1	05/24/2025 12:28	WG2522345
Trichloroethene	ND		1.17	1	05/24/2025 12:28	WG2522345
Trichlorofluoromethane	ND		2.93	1	05/24/2025 12:28	WG2522345
1,2,3-Trichloropropane	ND		14.7	1	05/24/2025 12:28	WG2522345
1,2,3-Trimethylbenzene	ND		5.86	1	05/24/2025 12:28	WG2522345
Vinyl chloride	ND		2.93	1	05/24/2025 12:28	WG2522345
(S) Toluene-d8	*102*		*75.0-131*		*05/24/2025 12:28*	WG2522345
(S) 4-Bromofluorobenzene	*94.3*		*67.0-138*		*05/24/2025 12:28*	WG2522345
(S) 1,2-Dichloroethane-d4	*94.1*		*70.0-130*		*05/24/2025 12:28*	WG2522345

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

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Acenaphthylene	ND		72.3	2	05/24/2025 12:08	WG2522425
Benzidine	ND	C7	3630	2	05/24/2025 12:08	WG2522425
Benzo(g,h,i)perylene	ND		72.3	2	05/24/2025 12:08	WG2522425
Bis(2-chlorethoxy)methane	ND		723	2	05/24/2025 12:08	WG2522425
Bis(2-chloroethyl)ether	ND		723	2	05/24/2025 12:08	WG2522425
2,2-Oxybis(1-Chloropropane)	ND	J4	723	2	05/24/2025 12:08	WG2522425
4-Bromophenyl-phenylether	ND		723	2	05/24/2025 12:08	WG2522425
2-Chloronaphthalene	ND		72.3	2	05/24/2025 12:08	WG2522425
4-Chlorophenyl-phenylether	ND		723	2	05/24/2025 12:08	WG2522425
1,2-Dichlorobenzene	ND		723	2	05/24/2025 12:08	WG2522425
1,3-Dichlorobenzene	ND		723	2	05/24/2025 12:08	WG2522425
1,4-Dichlorobenzene	ND		723	2	05/24/2025 12:08	WG2522425
3,3-Dichlorobenzidine	ND		723	2	05/24/2025 12:08	WG2522425
2,4-Dinitrotoluene	ND		723	2	05/24/2025 12:08	WG2522425
2,6-Dinitrotoluene	ND		723	2	05/24/2025 12:08	WG2522425
Hexachlorobenzene	ND		723	2	05/24/2025 12:08	WG2522425
Hexachloro-1,3-butadiene	ND		723	2	05/24/2025 12:08	WG2522425
Hexachlorocyclopentadiene	ND	C3	723	2	05/24/2025 12:08	WG2522425
Hexachloroethane	ND		723	2	05/24/2025 12:08	WG2522425
Isophorone	ND		723	2	05/24/2025 12:08	WG2522425
Nitrobenzene	ND		723	2	05/24/2025 12:08	WG2522425
n-Nitrosodimethylamine	ND	J4	723	2	05/24/2025 12:08	WG2522425
n-Nitrosodiphenylamine	ND		723	2	05/24/2025 12:08	WG2522425
n-Nitrosodi-n-propylamine	ND		723	2	05/24/2025 12:08	WG2522425
Phenanthrene	ND		72.3	2	05/24/2025 12:08	WG2522425
Benzylbutyl phthalate	ND		723	2	05/24/2025 12:08	WG2522425
Bis(2-ethylhexyl)phthalate	ND		723	2	05/24/2025 12:08	WG2522425
Di-n-butyl phthalate	ND		723	2	05/24/2025 12:08	WG2522425
Diethyl phthalate	ND		723	2	05/24/2025 12:08	WG2522425
Dimethyl phthalate	ND		723	2	05/24/2025 12:08	WG2522425
Di-n-octyl phthalate	ND		723	2	05/24/2025 12:08	WG2522425
1,2,4-Trichlorobenzene	ND		723	2	05/24/2025 12:08	WG2522425
4-Chloro-3-methylphenol	ND		723	2	05/24/2025 12:08	WG2522425
2-Chlorophenol	ND		723	2	05/24/2025 12:08	WG2522425
2,4-Dichlorophenol	ND		723	2	05/24/2025 12:08	WG2522425
2,4-Dimethylphenol	ND		723	2	05/24/2025 12:08	WG2522425
4,6-Dinitro-2-methylphenol	ND		723	2	05/24/2025 12:08	WG2522425
2,4-Dinitrophenol	ND		723	2	05/24/2025 12:08	WG2522425
2-Nitrophenol	ND		723	2	05/24/2025 12:08	WG2522425
4-Nitrophenol	ND		723	2	05/24/2025 12:08	WG2522425
Pentachlorophenol	ND		723	2	05/24/2025 12:08	WG2522425
Phenol	ND		723	2	05/24/2025 12:08	WG2522425
2,4,6-Trichlorophenol	ND		723	2	05/24/2025 12:08	WG2522425
(S) 2-Fluorophenol	*79.6*		*12.0-120*		*05/24/2025 12:08*	WG2522425
(S) Phenol-d5	*71.9*		*10.0-120*		*05/24/2025 12:08*	WG2522425
(S) Nitrobenzene-d5	*67.7*		*10.0-122*		*05/24/2025 12:08*	WG2522425
(S) 2-Fluorobiphenyl	*65.2*		*15.0-120*		*05/24/2025 12:08*	WG2522425
(S) 2,4,6-Tribromophenol	*84.3*		*10.0-127*		*05/24/2025 12:08*	WG2522425
(S) p-Terphenyl-d14	*67.1*		*10.0-120*		*05/24/2025 12:08*	WG2522425

Sample Narrative:

L1861761-22 WG2522425: Dilution due to matrix impact during extract concentration procedure

Calculated Results

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Total Nitrogen	1900000		22400	1	05/27/2025 20:26	WG2522313

Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	89.1		1	05/23/2025 14:49	WG2522200

Wet Chemistry by Method 350.1

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Ammonia Nitrogen	ND		11200	1	05/25/2025 02:30	WG2522569

Wet Chemistry by Method 4500NOrg D-2021

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Kjeldahl Nitrogen, TKN	1900000		112000	5	05/27/2025 20:26	WG2522563

Wet Chemistry by Method 9056A

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	ND		22400	1	05/25/2025 03:34	WG2522313

Wet Chemistry by Method WALKLEY-BLACK

Analyte	Result ug/kg	Qualifier	RDL ug/kg	Dilution	Analysis date / time	Batch
TOC By Walkley Black	35100000		1000000	10	05/26/2025 15:22	WG2522541

Metals (ICP) by Method 6010D

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Aluminum	2400000		22400	1	05/24/2025 09:23	WG2522422
Antimony	ND		2240	1	05/24/2025 09:23	WG2522422
Beryllium	332		224	1	05/24/2025 09:23	WG2522422
Calcium	9680000		112000	1	05/24/2025 09:23	WG2522422
Chromium	3300		1120	1	05/24/2025 09:23	WG2522422
Cobalt	2980		1120	1	05/24/2025 09:23	WG2522422
Iron	4410000		11200	1	05/24/2025 09:23	WG2522422
Magnesium	1540000		112000	1	05/24/2025 09:23	WG2522422
Manganese	162000		1120	1	05/24/2025 09:23	WG2522422
Potassium	1140000		112000	1	05/24/2025 09:23	WG2522422
Sodium	ND		112000	1	05/24/2025 09:23	WG2522422
Thallium	ND		2240	1	05/24/2025 09:23	WG2522422
Vanadium	8750		2240	1	05/24/2025 09:23	WG2522422

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

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Acetone	ND		62.2	1	05/24/2025 12:49	WG2522345
Acrylonitrile	ND		15.6	1	05/24/2025 12:49	WG2522345
Bromobenzene	ND		15.6	1	05/24/2025 12:49	WG2522345
Bromodichloromethane	ND		3.11	1	05/24/2025 12:49	WG2522345
Bromoform	ND	C3	31.1	1	05/24/2025 12:49	WG2522345

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

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Bromomethane	ND	C3	15.6	1	05/24/2025 12:49	WG2522345
n-Butylbenzene	ND		15.6	1	05/24/2025 12:49	WG2522345
sec-Butylbenzene	ND		15.6	1	05/24/2025 12:49	WG2522345
tert-Butylbenzene	ND		6.22	1	05/24/2025 12:49	WG2522345
Carbon tetrachloride	ND		6.22	1	05/24/2025 12:49	WG2522345
Chlorobenzene	ND		3.11	1	05/24/2025 12:49	WG2522345
Chlorodibromomethane	ND		3.11	1	05/24/2025 12:49	WG2522345
Chloroethane	ND		6.22	1	05/24/2025 12:49	WG2522345
Chloroform	ND		3.11	1	05/24/2025 12:49	WG2522345
Chloromethane	ND		15.6	1	05/24/2025 12:49	WG2522345
2-Chlorotoluene	ND		3.11	1	05/24/2025 12:49	WG2522345
4-Chlorotoluene	ND		6.22	1	05/24/2025 12:49	WG2522345
1,2-Dibromo-3-Chloropropane	ND	C3	31.1	1	05/24/2025 12:49	WG2522345
1,2-Dibromoethane	ND		3.11	1	05/24/2025 12:49	WG2522345
Dibromomethane	ND		6.22	1	05/24/2025 12:49	WG2522345
1,2-Dichlorobenzene	ND		6.22	1	05/24/2025 12:49	WG2522345
1,3-Dichlorobenzene	ND		6.22	1	05/24/2025 12:49	WG2522345
1,4-Dichlorobenzene	ND		6.22	1	05/24/2025 12:49	WG2522345
Dichlorodifluoromethane	ND		6.22	1	05/24/2025 12:49	WG2522345
1,1-Dichloroethane	ND		3.11	1	05/24/2025 12:49	WG2522345
1,2-Dichloroethane	ND		3.11	1	05/24/2025 12:49	WG2522345
1,1-Dichloroethene	ND		3.11	1	05/24/2025 12:49	WG2522345
cis-1,2-Dichloroethene	ND		3.11	1	05/24/2025 12:49	WG2522345
trans-1,2-Dichloroethene	ND		6.22	1	05/24/2025 12:49	WG2522345
1,2-Dichloropropane	ND		6.22	1	05/24/2025 12:49	WG2522345
1,1-Dichloropropene	ND		3.11	1	05/24/2025 12:49	WG2522345
1,3-Dichloropropane	ND		6.22	1	05/24/2025 12:49	WG2522345
cis-1,3-Dichloropropene	ND		3.11	1	05/24/2025 12:49	WG2522345
trans-1,3-Dichloropropene	ND		6.22	1	05/24/2025 12:49	WG2522345
2,2-Dichloropropane	ND	C3	3.11	1	05/24/2025 12:49	WG2522345
Di-isopropyl ether	ND		1.24	1	05/24/2025 12:49	WG2522345
Hexachloro-1,3-butadiene	ND		31.1	1	05/24/2025 12:49	WG2522345
Isopropylbenzene	ND		3.11	1	05/24/2025 12:49	WG2522345
p-Isopropyltoluene	ND		6.22	1	05/24/2025 12:49	WG2522345
2-Butanone (MEK)	ND		124	1	05/24/2025 12:49	WG2522345
Methylene Chloride	ND		31.1	1	05/24/2025 12:49	WG2522345
4-Methyl-2-pentanone (MIBK)	ND		31.1	1	05/24/2025 12:49	WG2522345
Methyl tert-butyl ether	ND		1.24	1	05/24/2025 12:49	WG2522345
n-Propylbenzene	ND		6.22	1	05/24/2025 12:49	WG2522345
Styrene	ND		15.6	1	05/24/2025 12:49	WG2522345
1,1,1,2-Tetrachloroethane	ND		3.11	1	05/24/2025 12:49	WG2522345
1,1,2,2-Tetrachloroethane	ND		3.11	1	05/24/2025 12:49	WG2522345
1,1,2-Trichlorotrifluoroethane	ND		3.11	1	05/24/2025 12:49	WG2522345
Tetrachloroethene	ND		3.11	1	05/24/2025 12:49	WG2522345
1,2,3-Trichlorobenzene	ND		15.6	1	05/24/2025 12:49	WG2522345
1,2,4-Trichlorobenzene	ND		15.6	1	05/24/2025 12:49	WG2522345
1,1,1-Trichloroethane	ND		3.11	1	05/24/2025 12:49	WG2522345
1,1,2-Trichloroethane	ND		3.11	1	05/24/2025 12:49	WG2522345
Trichloroethene	ND		1.24	1	05/24/2025 12:49	WG2522345
Trichlorofluoromethane	ND		3.11	1	05/24/2025 12:49	WG2522345
1,2,3-Trichloropropane	ND		15.6	1	05/24/2025 12:49	WG2522345
1,2,3-Trimethylbenzene	ND		6.22	1	05/24/2025 12:49	WG2522345
Vinyl chloride	ND		3.11	1	05/24/2025 12:49	WG2522345
(S) Toluene-d8	*102*		*75.0-131*		*05/24/2025 12:49*	WG2522345
(S) 4-Bromofluorobenzene	*95.5*		*67.0-138*		*05/24/2025 12:49*	WG2522345
(S) 1,2-Dichloroethane-d4	*96.3*		*70.0-130*		*05/24/2025 12:49*	WG2522345

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

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Acenaphthylene	ND		74.7	2	05/24/2025 12:29	WG2522425
Benzidine	ND	C7	3750	2	05/24/2025 12:29	WG2522425
Benzo(g,h,i)perylene	ND		74.7	2	05/24/2025 12:29	WG2522425
Bis(2-chlorethoxy)methane	ND		747	2	05/24/2025 12:29	WG2522425
Bis(2-chloroethyl)ether	ND		747	2	05/24/2025 12:29	WG2522425
2,2-Oxybis(1-Chloropropane)	ND	J4	747	2	05/24/2025 12:29	WG2522425
4-Bromophenyl-phenylether	ND		747	2	05/24/2025 12:29	WG2522425
2-Chloronaphthalene	ND		74.7	2	05/24/2025 12:29	WG2522425
4-Chlorophenyl-phenylether	ND		747	2	05/24/2025 12:29	WG2522425
1,2-Dichlorobenzene	ND		747	2	05/24/2025 12:29	WG2522425
1,3-Dichlorobenzene	ND		747	2	05/24/2025 12:29	WG2522425
1,4-Dichlorobenzene	ND		747	2	05/24/2025 12:29	WG2522425
3,3-Dichlorobenzidine	ND		747	2	05/24/2025 12:29	WG2522425
2,4-Dinitrotoluene	ND		747	2	05/24/2025 12:29	WG2522425
2,6-Dinitrotoluene	ND		747	2	05/24/2025 12:29	WG2522425
Hexachlorobenzene	ND		747	2	05/24/2025 12:29	WG2522425
Hexachloro-1,3-butadiene	ND		747	2	05/24/2025 12:29	WG2522425
Hexachlorocyclopentadiene	ND	C3	747	2	05/24/2025 12:29	WG2522425
Hexachloroethane	ND		747	2	05/24/2025 12:29	WG2522425
Isophorone	ND		747	2	05/24/2025 12:29	WG2522425
Nitrobenzene	ND		747	2	05/24/2025 12:29	WG2522425
n-Nitrosodimethylamine	ND	J4	747	2	05/24/2025 12:29	WG2522425
n-Nitrosodiphenylamine	ND		747	2	05/24/2025 12:29	WG2522425
n-Nitrosodi-n-propylamine	ND		747	2	05/24/2025 12:29	WG2522425
Phenanthrene	ND		74.7	2	05/24/2025 12:29	WG2522425
Benzylbutyl phthalate	ND		747	2	05/24/2025 12:29	WG2522425
Bis(2-ethylhexyl)phthalate	ND		747	2	05/24/2025 12:29	WG2522425
Di-n-butyl phthalate	ND		747	2	05/24/2025 12:29	WG2522425
Diethyl phthalate	ND		747	2	05/24/2025 12:29	WG2522425
Dimethyl phthalate	ND		747	2	05/24/2025 12:29	WG2522425
Di-n-octyl phthalate	ND		747	2	05/24/2025 12:29	WG2522425
1,2,4-Trichlorobenzene	ND		747	2	05/24/2025 12:29	WG2522425
4-Chloro-3-methylphenol	ND		747	2	05/24/2025 12:29	WG2522425
2-Chlorophenol	ND		747	2	05/24/2025 12:29	WG2522425
2,4-Dichlorophenol	ND		747	2	05/24/2025 12:29	WG2522425
2,4-Dimethylphenol	ND		747	2	05/24/2025 12:29	WG2522425
4,6-Dinitro-2-methylphenol	ND		747	2	05/24/2025 12:29	WG2522425
2,4-Dinitrophenol	ND		747	2	05/24/2025 12:29	WG2522425
2-Nitrophenol	ND		747	2	05/24/2025 12:29	WG2522425
4-Nitrophenol	ND		747	2	05/24/2025 12:29	WG2522425
Pentachlorophenol	ND		747	2	05/24/2025 12:29	WG2522425
Phenol	ND		747	2	05/24/2025 12:29	WG2522425
2,4,6-Trichlorophenol	ND		747	2	05/24/2025 12:29	WG2522425
(S) 2-Fluorophenol	*72.3*		*12.0-120*		*05/24/2025 12:29*	WG2522425
(S) Phenol-d5	*63.9*		*10.0-120*		*05/24/2025 12:29*	WG2522425
(S) Nitrobenzene-d5	*62.7*		*10.0-122*		*05/24/2025 12:29*	WG2522425
(S) 2-Fluorobiphenyl	*62.7*		*15.0-120*		*05/24/2025 12:29*	WG2522425
(S) 2,4,6-Tribromophenol	*74.0*		*10.0-127*		*05/24/2025 12:29*	WG2522425
(S) p-Terphenyl-d14	*67.4*		*10.0-120*		*05/24/2025 12:29*	WG2522425

Sample Narrative:

L1861761-23 WG2522425: Dilution due to matrix impact during extract concentration procedure

Calculated Results

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Total Nitrogen	1910000		22200	1	05/27/2025 20:27	WG2522394

Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	90.0		1	05/23/2025 14:49	WG2522200

Wet Chemistry by Method 350.1

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Ammonia Nitrogen	ND		11100	1	05/25/2025 02:32	WG2522569

Wet Chemistry by Method 4500NOrg D-2021

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Kjeldahl Nitrogen, TKN	1910000		111000	5	05/27/2025 20:27	WG2522563

Wet Chemistry by Method 9056A

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	ND		22200	1	05/24/2025 22:48	WG2522394

Wet Chemistry by Method WALKLEY-BLACK

Analyte	Result ug/kg	Qualifier	RDL ug/kg	Dilution	Analysis date / time	Batch
TOC By Walkley Black	17900000		500000	5	05/26/2025 15:24	WG2522541

Metals (ICP) by Method 6010D

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Aluminum	2640000		22200	1	05/24/2025 09:25	WG2522422
Antimony	ND		2220	1	05/24/2025 09:25	WG2522422
Beryllium	363		222	1	05/24/2025 09:25	WG2522422
Calcium	11800000		111000	1	05/24/2025 09:25	WG2522422
Chromium	3560		1110	1	05/24/2025 09:25	WG2522422
Cobalt	3300		1110	1	05/24/2025 09:25	WG2522422
Iron	5350000		11100	1	05/24/2025 09:25	WG2522422
Magnesium	1690000		111000	1	05/24/2025 09:25	WG2522422
Manganese	179000		1110	1	05/24/2025 09:25	WG2522422
Potassium	1130000		111000	1	05/24/2025 09:25	WG2522422
Sodium	ND		111000	1	05/24/2025 09:25	WG2522422
Thallium	ND		2220	1	05/24/2025 09:25	WG2522422
Vanadium	10300		2220	1	05/24/2025 09:25	WG2522422

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

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Acetone	ND		61.2	1	05/24/2025 13:09	WG2522345
Acrylonitrile	ND		15.3	1	05/24/2025 13:09	WG2522345
Bromobenzene	ND		15.3	1	05/24/2025 13:09	WG2522345
Bromodichloromethane	ND		3.06	1	05/24/2025 13:09	WG2522345
Bromoform	ND	C3	30.6	1	05/24/2025 13:09	WG2522345

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

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Bromomethane	ND	C3	15.3	1	05/24/2025 13:09	WG2522345
n-Butylbenzene	ND		15.3	1	05/24/2025 13:09	WG2522345
sec-Butylbenzene	ND		15.3	1	05/24/2025 13:09	WG2522345
tert-Butylbenzene	ND		6.12	1	05/24/2025 13:09	WG2522345
Carbon tetrachloride	ND		6.12	1	05/24/2025 13:09	WG2522345
Chlorobenzene	ND		3.06	1	05/24/2025 13:09	WG2522345
Chlorodibromomethane	ND		3.06	1	05/24/2025 13:09	WG2522345
Chloroethane	ND		6.12	1	05/24/2025 13:09	WG2522345
Chloroform	ND		3.06	1	05/24/2025 13:09	WG2522345
Chloromethane	ND		15.3	1	05/24/2025 13:09	WG2522345
2-Chlorotoluene	ND		3.06	1	05/24/2025 13:09	WG2522345
4-Chlorotoluene	ND		6.12	1	05/24/2025 13:09	WG2522345
1,2-Dibromo-3-Chloropropane	ND	C3	30.6	1	05/24/2025 13:09	WG2522345
1,2-Dibromoethane	ND		3.06	1	05/24/2025 13:09	WG2522345
Dibromomethane	ND		6.12	1	05/24/2025 13:09	WG2522345
1,2-Dichlorobenzene	ND		6.12	1	05/24/2025 13:09	WG2522345
1,3-Dichlorobenzene	ND		6.12	1	05/24/2025 13:09	WG2522345
1,4-Dichlorobenzene	ND		6.12	1	05/24/2025 13:09	WG2522345
Dichlorodifluoromethane	ND		6.12	1	05/24/2025 13:09	WG2522345
1,1-Dichloroethane	ND		3.06	1	05/24/2025 13:09	WG2522345
1,2-Dichloroethane	ND		3.06	1	05/24/2025 13:09	WG2522345
1,1-Dichloroethene	ND		3.06	1	05/24/2025 13:09	WG2522345
cis-1,2-Dichloroethene	ND		3.06	1	05/24/2025 13:09	WG2522345
trans-1,2-Dichloroethene	ND		6.12	1	05/24/2025 13:09	WG2522345
1,2-Dichloropropane	ND		6.12	1	05/24/2025 13:09	WG2522345
1,1-Dichloropropene	ND		3.06	1	05/24/2025 13:09	WG2522345
1,3-Dichloropropane	ND		6.12	1	05/24/2025 13:09	WG2522345
cis-1,3-Dichloropropene	ND		3.06	1	05/24/2025 13:09	WG2522345
trans-1,3-Dichloropropene	ND		6.12	1	05/24/2025 13:09	WG2522345
2,2-Dichloropropane	ND	C3	3.06	1	05/24/2025 13:09	WG2522345
Di-isopropyl ether	ND		1.22	1	05/24/2025 13:09	WG2522345
Hexachloro-1,3-butadiene	ND		30.6	1	05/24/2025 13:09	WG2522345
Isopropylbenzene	ND		3.06	1	05/24/2025 13:09	WG2522345
p-Isopropyltoluene	ND		6.12	1	05/24/2025 13:09	WG2522345
2-Butanone (MEK)	ND		122	1	05/24/2025 13:09	WG2522345
Methylene Chloride	ND		30.6	1	05/24/2025 13:09	WG2522345
4-Methyl-2-pentanone (MIBK)	ND		30.6	1	05/24/2025 13:09	WG2522345
Methyl tert-butyl ether	ND		1.22	1	05/24/2025 13:09	WG2522345
n-Propylbenzene	ND		6.12	1	05/24/2025 13:09	WG2522345
Styrene	ND		15.3	1	05/24/2025 13:09	WG2522345
1,1,1,2-Tetrachloroethane	ND		3.06	1	05/24/2025 13:09	WG2522345
1,1,2,2-Tetrachloroethane	ND		3.06	1	05/24/2025 13:09	WG2522345
1,1,2-Trichlorotrifluoroethane	ND		3.06	1	05/24/2025 13:09	WG2522345
Tetrachloroethene	ND		3.06	1	05/24/2025 13:09	WG2522345
1,2,3-Trichlorobenzene	ND		15.3	1	05/24/2025 13:09	WG2522345
1,2,4-Trichlorobenzene	ND		15.3	1	05/24/2025 13:09	WG2522345
1,1,1-Trichloroethane	ND		3.06	1	05/24/2025 13:09	WG2522345
1,1,2-Trichloroethane	ND		3.06	1	05/24/2025 13:09	WG2522345
Trichloroethene	ND		1.22	1	05/24/2025 13:09	WG2522345
Trichlorofluoromethane	ND		3.06	1	05/24/2025 13:09	WG2522345
1,2,3-Trichloropropane	ND		15.3	1	05/24/2025 13:09	WG2522345
1,2,3-Trimethylbenzene	ND		6.12	1	05/24/2025 13:09	WG2522345
Vinyl chloride	ND		3.06	1	05/24/2025 13:09	WG2522345
(S) Toluene-d8	*102*		*75.0-131*		*05/24/2025 13:09*	WG2522345
(S) 4-Bromofluorobenzene	*95.6*		*67.0-138*		*05/24/2025 13:09*	WG2522345
(S) 1,2-Dichloroethane-d4	*96.6*		*70.0-130*		*05/24/2025 13:09*	WG2522345

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

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Acenaphthylene	ND		74.0	2	05/24/2025 12:49	WG2522425
Benzidine	ND	C7	3710	2	05/24/2025 12:49	WG2522425
Benzo(g,h,i)perylene	ND		74.0	2	05/24/2025 12:49	WG2522425
Bis(2-chlorethoxy)methane	ND		740	2	05/24/2025 12:49	WG2522425
Bis(2-chloroethyl)ether	ND		740	2	05/24/2025 12:49	WG2522425
2,2-Oxybis(1-Chloropropane)	ND	J4	740	2	05/24/2025 12:49	WG2522425
4-Bromophenyl-phenylether	ND		740	2	05/24/2025 12:49	WG2522425
2-Chloronaphthalene	ND		74.0	2	05/24/2025 12:49	WG2522425
4-Chlorophenyl-phenylether	ND		740	2	05/24/2025 12:49	WG2522425
1,2-Dichlorobenzene	ND		740	2	05/24/2025 12:49	WG2522425
1,3-Dichlorobenzene	ND		740	2	05/24/2025 12:49	WG2522425
1,4-Dichlorobenzene	ND		740	2	05/24/2025 12:49	WG2522425
3,3-Dichlorobenzidine	ND		740	2	05/24/2025 12:49	WG2522425
2,4-Dinitrotoluene	ND		740	2	05/24/2025 12:49	WG2522425
2,6-Dinitrotoluene	ND		740	2	05/24/2025 12:49	WG2522425
Hexachlorobenzene	ND		740	2	05/24/2025 12:49	WG2522425
Hexachloro-1,3-butadiene	ND		740	2	05/24/2025 12:49	WG2522425
Hexachlorocyclopentadiene	ND	C3	740	2	05/24/2025 12:49	WG2522425
Hexachloroethane	ND		740	2	05/24/2025 12:49	WG2522425
Isophorone	ND		740	2	05/24/2025 12:49	WG2522425
Nitrobenzene	ND		740	2	05/24/2025 12:49	WG2522425
n-Nitrosodimethylamine	ND	J4	740	2	05/24/2025 12:49	WG2522425
n-Nitrosodiphenylamine	ND		740	2	05/24/2025 12:49	WG2522425
n-Nitrosodi-n-propylamine	ND		740	2	05/24/2025 12:49	WG2522425
Phenanthrene	ND		74.0	2	05/24/2025 12:49	WG2522425
Benzylbutyl phthalate	ND		740	2	05/24/2025 12:49	WG2522425
Bis(2-ethylhexyl)phthalate	ND		740	2	05/24/2025 12:49	WG2522425
Di-n-butyl phthalate	ND		740	2	05/24/2025 12:49	WG2522425
Diethyl phthalate	ND		740	2	05/24/2025 12:49	WG2522425
Dimethyl phthalate	ND		740	2	05/24/2025 12:49	WG2522425
Di-n-octyl phthalate	ND		740	2	05/24/2025 12:49	WG2522425
1,2,4-Trichlorobenzene	ND		740	2	05/24/2025 12:49	WG2522425
4-Chloro-3-methylphenol	ND		740	2	05/24/2025 12:49	WG2522425
2-Chlorophenol	ND		740	2	05/24/2025 12:49	WG2522425
2,4-Dichlorophenol	ND		740	2	05/24/2025 12:49	WG2522425
2,4-Dimethylphenol	ND		740	2	05/24/2025 12:49	WG2522425
4,6-Dinitro-2-methylphenol	ND		740	2	05/24/2025 12:49	WG2522425
2,4-Dinitrophenol	ND		740	2	05/24/2025 12:49	WG2522425
2-Nitrophenol	ND		740	2	05/24/2025 12:49	WG2522425
4-Nitrophenol	ND		740	2	05/24/2025 12:49	WG2522425
Pentachlorophenol	ND		740	2	05/24/2025 12:49	WG2522425
Phenol	ND		740	2	05/24/2025 12:49	WG2522425
2,4,6-Trichlorophenol	ND		740	2	05/24/2025 12:49	WG2522425
(S) 2-Fluorophenol	*73.4*		*12.0-120*		*05/24/2025 12:49*	WG2522425
(S) Phenol-d5	*68.0*		*10.0-120*		*05/24/2025 12:49*	WG2522425
(S) Nitrobenzene-d5	*62.2*		*10.0-122*		*05/24/2025 12:49*	WG2522425
(S) 2-Fluorobiphenyl	*59.8*		*15.0-120*		*05/24/2025 12:49*	WG2522425
(S) 2,4,6-Tribromophenol	*86.5*		*10.0-127*		*05/24/2025 12:49*	WG2522425
(S) p-Terphenyl-d14	*69.7*		*10.0-120*		*05/24/2025 12:49*	WG2522425

Sample Narrative:

L1861761-24 WG2522425: Dilution due to matrix impact during extract concentration procedure

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND		50.0	1	05/23/2025 16:33	WG2522251
Acrolein	ND		50.0	1	05/23/2025 16:33	WG2522251
Acrylonitrile	ND		10.0	1	05/23/2025 16:33	WG2522251
Benzene	ND		1.00	1	05/23/2025 16:33	WG2522251
Bromobenzene	ND		1.00	1	05/23/2025 16:33	WG2522251
Bromodichloromethane	ND		1.00	1	05/23/2025 16:33	WG2522251
Bromoform	ND		1.00	1	05/23/2025 16:33	WG2522251
Bromomethane	ND	C3	5.00	1	05/23/2025 16:33	WG2522251
n-Butylbenzene	ND	C3 J4	1.00	1	05/23/2025 16:33	WG2522251
sec-Butylbenzene	ND		1.00	1	05/23/2025 16:33	WG2522251
tert-Butylbenzene	ND		1.00	1	05/23/2025 16:33	WG2522251
Carbon tetrachloride	ND		1.00	1	05/23/2025 16:33	WG2522251
Chlorobenzene	ND		1.00	1	05/23/2025 16:33	WG2522251
Chlorodibromomethane	ND		1.00	1	05/23/2025 16:33	WG2522251
Chloroethane	ND	C3	5.00	1	05/23/2025 16:33	WG2522251
Chloroform	ND		5.00	1	05/23/2025 16:33	WG2522251
Chloromethane	ND		2.50	1	05/23/2025 16:33	WG2522251
2-Chlorotoluene	ND		1.00	1	05/23/2025 16:33	WG2522251
4-Chlorotoluene	ND		1.00	1	05/23/2025 16:33	WG2522251
1,2-Dibromo-3-Chloropropane	ND		5.00	1	05/23/2025 16:33	WG2522251
1,2-Dibromoethane	ND		1.00	1	05/23/2025 16:33	WG2522251
Dibromomethane	ND		1.00	1	05/23/2025 16:33	WG2522251
1,2-Dichlorobenzene	ND		1.00	1	05/23/2025 16:33	WG2522251
1,3-Dichlorobenzene	ND		1.00	1	05/23/2025 16:33	WG2522251
1,4-Dichlorobenzene	ND		1.00	1	05/23/2025 16:33	WG2522251
Dichlorodifluoromethane	ND		5.00	1	05/23/2025 16:33	WG2522251
1,1-Dichloroethane	ND		1.00	1	05/23/2025 16:33	WG2522251
1,2-Dichloroethane	ND		1.00	1	05/23/2025 16:33	WG2522251
1,1-Dichloroethene	ND		1.00	1	05/23/2025 16:33	WG2522251
cis-1,2-Dichloroethene	ND		1.00	1	05/23/2025 16:33	WG2522251
trans-1,2-Dichloroethene	ND		1.00	1	05/23/2025 16:33	WG2522251
1,2-Dichloropropane	ND		1.00	1	05/23/2025 16:33	WG2522251
1,1-Dichloropropene	ND		1.00	1	05/23/2025 16:33	WG2522251
1,3-Dichloropropane	ND		1.00	1	05/23/2025 16:33	WG2522251
cis-1,3-Dichloropropene	ND		1.00	1	05/23/2025 16:33	WG2522251
trans-1,3-Dichloropropene	ND		1.00	1	05/23/2025 16:33	WG2522251
2,2-Dichloropropane	ND		1.00	1	05/23/2025 16:33	WG2522251
Di-isopropyl ether	ND		1.00	1	05/23/2025 16:33	WG2522251
Ethylbenzene	ND		1.00	1	05/23/2025 16:33	WG2522251
Hexachloro-1,3-butadiene	ND		1.00	1	05/23/2025 16:33	WG2522251
Isopropylbenzene	ND	C3	1.00	1	05/23/2025 16:33	WG2522251
p-Isopropyltoluene	ND	C3	1.00	1	05/23/2025 16:33	WG2522251
2-Butanone (MEK)	ND		10.0	1	05/23/2025 16:33	WG2522251
Methylene Chloride	ND		5.00	1	05/23/2025 16:33	WG2522251
4-Methyl-2-pentanone (MIBK)	ND		10.0	1	05/23/2025 16:33	WG2522251
Methyl tert-butyl ether	ND		1.00	1	05/23/2025 16:33	WG2522251
Naphthalene	ND	C3	5.00	1	05/23/2025 16:33	WG2522251
n-Propylbenzene	ND		1.00	1	05/23/2025 16:33	WG2522251
Styrene	ND	C3	1.00	1	05/23/2025 16:33	WG2522251
1,1,1,2-Tetrachloroethane	ND		1.00	1	05/23/2025 16:33	WG2522251
1,1,2,2-Tetrachloroethane	ND		1.00	1	05/23/2025 16:33	WG2522251
1,1,2-Trichlorotrifluoroethane	ND		1.00	1	05/23/2025 16:33	WG2522251
Tetrachloroethene	ND		1.00	1	05/23/2025 16:33	WG2522251
Toluene	ND		1.00	1	05/23/2025 16:33	WG2522251
1,2,3-Trichlorobenzene	ND	C3	1.00	1	05/23/2025 16:33	WG2522251
1,2,4-Trichlorobenzene	ND	C3	1.00	1	05/23/2025 16:33	WG2522251

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,1-Trichloroethane	ND		1.00	1	05/23/2025 16:33	WG2522251
1,1,2-Trichloroethane	ND		1.00	1	05/23/2025 16:33	WG2522251
Trichloroethene	ND		1.00	1	05/23/2025 16:33	WG2522251
Trichlorofluoromethane	ND		5.00	1	05/23/2025 16:33	WG2522251
1,2,3-Trichloropropane	ND		2.50	1	05/23/2025 16:33	WG2522251
1,2,4-Trimethylbenzene	ND	C3	1.00	1	05/23/2025 16:33	WG2522251
1,2,3-Trimethylbenzene	ND	C3	1.00	1	05/23/2025 16:33	WG2522251
1,3,5-Trimethylbenzene	ND		1.00	1	05/23/2025 16:33	WG2522251
Vinyl chloride	ND		1.00	1	05/23/2025 16:33	WG2522251
Xylenes, Total	ND		3.00	1	05/23/2025 16:33	WG2522251
(S) Toluene-d8	*98.1*		*80.0-120*		*05/23/2025 16:33*	WG2522251
(S) 4-Bromofluorobenzene	*99.6*		*77.0-126*		*05/23/2025 16:33*	WG2522251
(S) 1,2-Dichloroethane-d4	*99.6*		*70.0-130*		*05/23/2025 16:33*	WG2522251

Method Blank (MB)

(MB) R4219334-1 05/22/25 17:11

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

L1861761-05 Original Sample (OS) • Duplicate (DUP)

(OS) L1861761-05 05/22/25 17:11 • (DUP) R4219334-3 05/22/25 17:11

Analyte	Original Result %	DUP Result %	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Total Solids	94.3	95.1	1	0.846		10

Laboratory Control Sample (LCS)

(LCS) R4219334-2 05/22/25 17:11

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) R4219314-1 05/22/25 15:51

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

L1861761-10 Original Sample (OS) • Duplicate (DUP)

(OS) L1861761-10 05/22/25 15:51 • (DUP) R4219314-3 05/22/25 15:51

Analyte	Original Result %	DUP Result %	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Total Solids	87.5	88.3	1	0.920		10

Laboratory Control Sample (LCS)

(LCS) R4219314-2 05/22/25 15:51

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) R4219975-1 05/23/25 14:49

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

L1861761-19 Original Sample (OS) • Duplicate (DUP)

(OS) L1861761-19 05/23/25 14:49 • (DUP) R4219975-3 05/23/25 14:49

Analyte	Original Result %	DUP Result %	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Total Solids	85.2	84.6	1	0.703		10

Laboratory Control Sample (LCS)

(LCS) R4219975-2 05/23/25 14:49

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) R4220223-1 05/24/25 18:04

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

L1861737-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1861737-01 05/24/25 18:11 • (DUP) R4220223-3 05/24/25 18:13

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

L1861738-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1861738-01 05/24/25 18:14 • (DUP) R4220223-4 05/24/25 18:16

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

Laboratory Control Sample (LCS)

(LCS) R4220223-2 05/24/25 18:05

Analyte	Spike Amount ug/kg	LCS Result ug/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Ammonia Nitrogen	250000	256000	102	90.0-110	

L1861761-05 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1861761-05 05/24/25 18:29 • (MS) R4220223-5 05/24/25 18:31 • (MSD) R4220223-6 05/24/25 18:32

Analyte	Spike Amount (dry) ug/kg	Original Result (dry) ug/kg	MS Result (dry) ug/kg	MSD Result (dry) ug/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Ammonia Nitrogen	265000	ND	291000	285000	110	107	1	90.0-110			2.05	20

Method Blank (MB)

(MB) R4220224-1 05/24/25 19:09

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

L1861761-17 Original Sample (OS) • Duplicate (DUP)

(OS) L1861761-17 05/24/25 19:12 • (DUP) R4220224-3 05/24/25 19:14

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

L1861778-08 Original Sample (OS) • Duplicate (DUP)

(OS) L1861778-08 05/24/25 19:29 • (DUP) R4220224-4 05/24/25 19:30

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

Laboratory Control Sample (LCS)

(LCS) R4220224-2 05/24/25 19:11

Analyte	Spike Amount ug/kg	LCS Result ug/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Ammonia Nitrogen	250000	253000	101	90.0-110	

L1861778-13 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1861778-13 05/24/25 19:36 • (MS) R4220224-5 05/24/25 19:38 • (MSD) R4220224-6 05/24/25 19:40

Analyte	Spike Amount (dry) ug/kg	Original Result (dry) ug/kg	MS Result (dry) ug/kg	MSD Result (dry) ug/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Ammonia Nitrogen	279000	ND	303000	303000	109	108	1	90.0-110			0.253	20

Method Blank (MB)

(MB) R4220235-1 05/25/25 02:20

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

L1861761-19 Original Sample (OS) • Duplicate (DUP)

(OS) L1861761-19 05/25/25 02:23 • (DUP) R4220235-3 05/25/25 02:24

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

L1862298-04 Original Sample (OS) • Duplicate (DUP)

(OS) L1862298-04 05/25/25 02:44 • (DUP) R4220235-6 05/25/25 02:45

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

Laboratory Control Sample (LCS)

(LCS) R4220235-2 05/25/25 02:21

Analyte	Spike Amount ug/kg	LCS Result ug/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Ammonia Nitrogen	250000	242000	96.9	90.0-110	

L1862239-19 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1862239-19 05/25/25 02:33 • (MS) R4220235-4 05/25/25 02:39 • (MSD) R4220235-5 05/25/25 02:41

Analyte	Spike Amount (dry) ug/kg	Original Result (dry) ug/kg	MS Result (dry) ug/kg	MSD Result (dry) ug/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Ammonia Nitrogen	282000	ND	285000	278000	101	98.9	1	90.0-110			2.42	20

QUALITY CONTROL SUMMARY

L1861761-01,02,03,04,05,07,08,09

Method Blank (MB)

(MB) R4219873-1 05/23/25 20:29

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

L1861732-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1861732-01 05/23/25 20:33 • (DUP) R4219873-7 05/23/25 20:34

Analyte	Original Result (dry) ug/kg	DUP Result (dry) ug/kg	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Kjeldahl Nitrogen, TKN	1160000	1100000	5	5.29		20

L1861734-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1861734-01 05/23/25 20:35 • (DUP) R4219873-9 05/23/25 20:36

Analyte	Original Result (dry) ug/kg	DUP Result (dry) ug/kg	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Kjeldahl Nitrogen, TKN	764000	756000	5	0.983		20

Laboratory Control Sample (LCS)

(LCS) R4219873-3 05/23/25 20:29

Analyte	Spike Amount ug/kg	LCS Result ug/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Kjeldahl Nitrogen, TKN	480000	419000	87.3	81.7-124	

L1861729-01 Original Sample (OS) • Matrix Spike (MS)

(OS) L1861729-01 05/23/25 20:31 • (MS) R4219873-5 05/23/25 20:31

Analyte	Spike Amount (dry) ug/kg	Original Result (dry) ug/kg	MS Result (dry) ug/kg	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Kjeldahl Nitrogen, TKN	444000	1110000	1450000	76.4	5	81.7-124	J6

L1861761-05 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1861761-05 05/23/25 20:54 • (MS) R4219873-11 05/23/25 20:56 • (MSD) R4219873-13 05/23/25 20:58

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	%	%		%			%	%
Kjeldahl Nitrogen, TKN	424000	1310000	1880000	1970000	136	155	5	81.7-124	J5	J5	4.32	20

Method Blank (MB)

(MB) R4220103-1 05/24/25 14:17

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

L1861761-10 Original Sample (OS) • Duplicate (DUP)

(OS) L1861761-10 05/24/25 14:20 • (DUP) R4220103-7 05/24/25 14:22

Analyte	Original Result (dry) ug/kg	DUP Result (dry) ug/kg	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Kjeldahl Nitrogen, TKN	1940000	2140000	5	9.67		20

L1861761-11 Original Sample (OS) • Duplicate (DUP)

(OS) L1861761-11 05/24/25 14:23 • (DUP) R4220103-9 05/24/25 14:24

Analyte	Original Result (dry) ug/kg	DUP Result (dry) ug/kg	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Kjeldahl Nitrogen, TKN	200000	202000	5	0.974		20

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

(LCS) R4220103-3 05/24/25 14:18 • (LCSD) R4220103-5 05/24/25 14:19

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 %
Kjeldahl Nitrogen, TKN	480000	469000	472000	97.7	98.3	81.7-124			0.645	20

L1861761-14 Original Sample (OS) • Matrix Spike (MS)

(OS) L1861761-14 05/24/25 14:25 • (MS) R4220103-11 05/24/25 14:27

Analyte	Spike Amount (dry) ug/kg	Original Result (dry) ug/kg	MS Result (dry) ug/kg	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Kjeldahl Nitrogen, TKN	447000	3280000	3370000	19.7	5	81.7-124	V

Method Blank (MB)

(MB) R4221389-1 05/27/25 20:19

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

L1862209-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1862209-02 05/27/25 20:31 • (DUP) R4221389-7 05/27/25 20:34

Analyte	Original Result (dry) ug/kg	DUP Result (dry) ug/kg	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Kjeldahl Nitrogen, TKN	968000	1020000	5	5.36		20

L1862209-03 Original Sample (OS) • Duplicate (DUP)

(OS) L1862209-03 05/27/25 20:35 • (DUP) R4221389-9 05/27/25 20:37

Analyte	Original Result (dry) ug/kg	DUP Result (dry) ug/kg	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Kjeldahl Nitrogen, TKN	891000	638000	5	33.0	J3	20

Laboratory Control Sample (LCS)

(LCS) R4221389-3 05/27/25 20:21

Analyte	Spike Amount ug/kg	LCS Result ug/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Kjeldahl Nitrogen, TKN	432000	510000	118	81.7-124	

L1862209-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1862209-01 05/27/25 20:28 • (MS) R4221389-2 05/27/25 20:29 • (MSD) R4221389-5 05/27/25 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 %
Kjeldahl Nitrogen, TKN	435000	824000	1170000	1200000	78.8	86.0	5	81.7-124	J6		2.63	20

L1862215-09 Original Sample (OS) • Matrix Spike (MS)

(OS) L1862215-09 05/27/25 20:49 • (MS) R4221389-11 05/27/25 20:51

Analyte	Spike Amount (dry) ug/kg	Original Result (dry) ug/kg	MS Result (dry) ug/kg	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Kjeldahl Nitrogen, TKN	431000	1880000	2390000	118	5	81.7-124	

Method Blank (MB)

(MB) R4219474-1 05/23/25 05:20

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

Laboratory Control Sample (LCS)

(LCS) R4219474-2 05/23/25 05:34

Analyte	Spike Amount ug/kg	LCS Result ug/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Nitrate-Nitrite	40000	40600	102	80.0-120	

L1861761-05 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1861761-05 05/23/25 09:37 • (MS) R4219474-3 05/23/25 09:51 • (MSD) R4219474-4 05/23/25 10:04

Analyte	Spike Amount (dry) ug/kg	Original Result (dry) ug/kg	MS Result (dry) ug/kg	MSD Result (dry) ug/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Nitrate-Nitrite	42400	ND	47600	44200	104	96.4	1	80.0-120			7.38	15

Method Blank (MB)

(MB) R4219561-1 05/23/25 06:10

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

Laboratory Control Sample (LCS)

(LCS) R4219561-2 05/23/25 06:26

Analyte	Spike Amount ug/kg	LCS Result ug/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Nitrate-Nitrite	40000	41100	103	80.0-120	

L1861732-01 Original Sample (OS) • Matrix Spike (MS)

(OS) L1861732-01 05/23/25 06:42 • (MS) R4219561-3 05/23/25 06:58

Analyte	Spike Amount (dry) ug/kg	Original Result (dry) ug/kg	MS Result (dry) ug/kg	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Nitrate-Nitrite	43100	ND	48500	105	1.04	80.0-120	

L1861732-01 Original Sample (OS) • Matrix Spike (MS)

(OS) L1861732-01 05/23/25 06:42 • (MS) R4219561-4 05/23/25 07:13

Analyte	Spike Amount (dry) ug/kg	Original Result (dry) ug/kg	MS Result (dry) ug/kg	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Nitrate-Nitrite	43100	ND	48600	105	1.04	80.0-120	

Method Blank (MB)

(MB) R4220122-1 05/24/25 08:48

Analyte	MB Result ug/kg	MB Qualifier	MB MDL ug/kg	MB RDL ug/kg
Nitrate-Nitrite	684	J	606	20000

Method Blank (MB)

(MB) R4220623-1 05/25/25 02:18

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

Laboratory Control Sample (LCS)

(LCS) R4220122-2 05/24/25 09:01

Analyte	Spike Amount ug/kg	LCS Result ug/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Nitrate-Nitrite	40000	34800	87.1	80.0-120	

Laboratory Control Sample (LCS)

(LCS) R4220623-2 05/25/25 02:31

Analyte	Spike Amount ug/kg	LCS Result ug/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Nitrate-Nitrite	40000	41600	104	80.0-120	

L1862234-03 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1862234-03 05/24/25 09:15 • (MS) R4220122-3 05/24/25 09:28 • (MSD) R4220122-4 05/24/25 09:42

Analyte	Spike Amount (dry) ug/kg	Original Result (dry) ug/kg	MS Result (dry) ug/kg	MSD Result (dry) ug/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Nitrate-Nitrite	42800	ND	29300	23800	68.4	55.6	1	80.0-120	J6	J3 J6	20.8	15

L1862234-03 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1862234-03 05/25/25 03:46 • (MS) R4220623-3 05/25/25 03:59 • (MSD) R4220623-4 05/25/25 04:11

Analyte	Spike Amount (dry) ug/kg	Original Result (dry) ug/kg	MS Result (dry) ug/kg	MSD Result (dry) ug/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Nitrate-Nitrite	42800	ND	33500	27500	78.3	64.2	1.02	80.0-120	J6	J3 J6	19.7	15

Method Blank (MB)

(MB) R4220552-1 05/24/25 22:21

Analyte	MB Result ug/kg	MB Qualifier	MB MDL ug/kg	MB RDL ug/kg
Nitrate-Nitrite	743	J	606	20000

Laboratory Control Sample (LCS)

(LCS) R4220552-2 05/24/25 22:35

Analyte	Spike Amount ug/kg	LCS Result ug/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Nitrate-Nitrite	40000	40500	101	80.0-120	

L1862239-13 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1862239-13 05/25/25 03:19 • (MS) R4220552-3 05/25/25 03:32 • (MSD) R4220552-4 05/25/25 03:46

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 %
Nitrate-Nitrite	42800	ND	65100	65300	105	105	1	80.0-120			0.347	15

Method Blank (MB)

(MB) R4219608-1 05/23/25 14:33

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

L1861729-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1861729-01 05/23/25 14:34 • (DUP) R4219608-3 05/23/25 14:34

Analyte	Original Result ug/kg	DUP Result ug/kg	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
TOC By Walkley Black	1110000	1330000	5	17.8		20

L1861737-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1861737-01 05/23/25 14:35 • (DUP) R4219608-4 05/23/25 14:36

Analyte	Original Result ug/kg	DUP Result ug/kg	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
TOC By Walkley Black	941000	1090000	5	14.4		20

Laboratory Control Sample (LCS)

(LCS) R4219608-2 05/23/25 14:33

Analyte	Spike Amount ug/kg	LCS Result ug/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
TOC By Walkley Black	3230000	3670000	114	75.0-144	

L1861732-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1861732-01 05/23/25 14:34 • (MS) R4219608-5 05/23/25 14:45 • (MSD) R4219608-6 05/23/25 14:46

Analyte	Spike Amount ug/kg	Original Result ug/kg	MS Result ug/kg	MSD Result ug/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
TOC By Walkley Black	16000000	ND	17400000	17600000	107	108	4	80.0-120			0.966	20

Method Blank (MB)

(MB) R4219491-1 05/23/25 12:12

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

L1861743-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1861743-02 05/23/25 12:14 • (DUP) R4219491-3 05/23/25 12:14

Analyte	Original Result ug/kg	DUP Result ug/kg	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
TOC By Walkley Black	14000000	13300000	5	5.01		20

L1861743-06 Original Sample (OS) • Duplicate (DUP)

(OS) L1861743-06 05/23/25 12:16 • (DUP) R4219491-4 05/23/25 12:16

Analyte	Original Result ug/kg	DUP Result ug/kg	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
TOC By Walkley Black	23700000	24100000	5	1.95		20

Laboratory Control Sample (LCS)

(LCS) R4219491-2 05/23/25 12:12

Analyte	Spike Amount ug/kg	LCS Result ug/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
TOC By Walkley Black	3230000	4080000	126	75.0-144	

L1861761-05 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1861761-05 05/23/25 12:18 • (MS) R4219491-5 05/23/25 12:19 • (MSD) R4219491-6 05/23/25 12:19

Analyte	Spike Amount ug/kg	Original Result ug/kg	MS Result ug/kg	MSD Result ug/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
TOC By Walkley Black	36000000	20400000	58200000	57400000	105	103	9	80.0-120			1.40	20

Method Blank (MB)

(MB) R4220733-1 05/26/25 15:18

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

L1862239-09 Original Sample (OS) • Duplicate (DUP)

(OS) L1862239-09 05/26/25 15:25 • (DUP) R4220733-3 05/26/25 15:29

Analyte	Original Result ug/kg	DUP Result ug/kg	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
TOC By Walkley Black	21200000	19100000	5	10.4		20

L1862239-16 Original Sample (OS) • Duplicate (DUP)

(OS) L1862239-16 05/26/25 15:32 • (DUP) R4220733-4 05/26/25 15:32

Analyte	Original Result ug/kg	DUP Result ug/kg	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
TOC By Walkley Black	7430000	6530000	5	12.8		20

Laboratory Control Sample (LCS)

(LCS) R4220733-2 05/26/25 15:20

Analyte	Spike Amount ug/kg	LCS Result ug/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
TOC By Walkley Black	3230000	3960000	123	75.0-144	

L1862239-19 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1862239-19 05/26/25 15:34 • (MS) R4220733-5 05/26/25 15:35 • (MSD) R4220733-6 05/26/25 15:35

Analyte	Spike Amount ug/kg	Original Result ug/kg	MS Result ug/kg	MSD Result ug/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
TOC By Walkley Black	40000000	30000000	68000000	68500000	95.1	96.5	10	80.0-120			0.783	20

Method Blank (MB)

(MB) R4219726-1 05/23/25 08:47

Analyte	MB Result ug/kg	MB Qualifier	MB MDL ug/kg	MB RDL ug/kg
Aluminum	U		6080	20000
Antimony	U		691	2000
Beryllium	U		47.7	200
Calcium	U		19000	100000
Chromium	U		214	1000
Cobalt	U		177	1000
Iron	U		2240	10000
Magnesium	U		19900	100000
Manganese	U		173	1000
Potassium	U		20900	100000
Sodium	U		41200	100000
Thallium	U		518	2000
Vanadium	U		383	2000

Laboratory Control Sample (LCS)

(LCS) R4219726-2 05/23/25 08:48

Analyte	Spike Amount ug/kg	LCS Result ug/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Aluminum	1000000	1030000	103	80.0-120	
Antimony	100000	101000	101	80.0-120	
Beryllium	100000	100000	100	80.0-120	
Calcium	1000000	1020000	102	80.0-120	
Chromium	100000	94900	94.9	80.0-120	
Cobalt	100000	94900	94.9	80.0-120	
Iron	1000000	1020000	102	80.0-120	
Magnesium	1000000	1000000	100	80.0-120	
Manganese	100000	98900	98.9	80.0-120	
Potassium	1000000	1040000	104	80.0-120	
Sodium	1000000	1030000	103	80.0-120	
Thallium	100000	102000	102	80.0-120	
Vanadium	100000	98300	98.3	80.0-120	

L1861761-05 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1861761-05 05/23/25 08:50 • (MS) R4219726-5 05/23/25 08:55 • (MSD) R4219726-6 05/23/25 08:56

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 %
Aluminum	1060000	2690000	3920000	3930000	116	117	1	75.0-125			0.197	20
Antimony	106000	ND	77200	77800	72.9	73.4	1	75.0-125	J6	J6	0.686	20
Beryllium	106000	279	93800	94000	88.2	88.5	1	75.0-125			0.287	20
Calcium	1060000	6670000	12900000	8540000	590	176	1	75.0-125	V	J3 V	40.9	20
Chromium	106000	2990	96900	97300	88.6	89.0	1	75.0-125			0.438	20
Cobalt	106000	2450	96800	96000	89.0	88.2	1	75.0-125			0.844	20
Iron	1060000	4020000	4980000	5000000	89.9	91.9	1	75.0-125			0.408	20
Magnesium	1060000	1200000	2280000	2290000	102	103	1	75.0-125			0.457	20
Manganese	106000	126000	234000	233000	102	102	1	75.0-125			0.379	20
Potassium	1060000	1430000	2490000	2550000	99.9	106	1	75.0-125			2.54	20
Sodium	1060000	ND	1130000	1000000	98.8	86.5	1	75.0-125			12.2	20
Thallium	106000	ND	95900	58600	90.4	55.3	1	75.0-125		J3 J6	48.3	20
Vanadium	106000	8290	98900	100000	85.4	87.0	1	75.0-125			1.64	20

Method Blank (MB)

(MB) R4219568-1 05/23/25 08:36

Analyte	MB Result ug/kg	MB Qualifier	MB MDL ug/kg	MB RDL ug/kg
Aluminum	U		6080	20000
Antimony	U		691	2000
Beryllium	U		47.7	200
Calcium	U		19000	100000
Chromium	U		214	1000
Cobalt	U		177	1000
Iron	U		2240	10000
Magnesium	U		19900	100000
Manganese	U		173	1000
Potassium	U		20900	100000
Sodium	U		41200	100000
Thallium	U		518	2000
Vanadium	U		383	2000

Laboratory Control Sample (LCS)

(LCS) R4219568-2 05/23/25 08:38

Analyte	Spike Amount ug/kg	LCS Result ug/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Aluminum	1000000	899000	89.9	80.0-120	
Antimony	100000	92500	92.5	80.0-120	
Beryllium	100000	99400	99.4	80.0-120	
Calcium	1000000	931000	93.1	80.0-120	
Chromium	100000	96500	96.5	80.0-120	
Cobalt	100000	90200	90.2	80.0-120	
Iron	1000000	931000	93.1	80.0-120	
Magnesium	1000000	899000	89.9	80.0-120	
Manganese	100000	98000	98.0	80.0-120	
Potassium	1000000	958000	95.8	80.0-120	
Sodium	1000000	941000	94.1	80.0-120	
Thallium	100000	94900	94.9	80.0-120	
Vanadium	100000	96200	96.2	80.0-120	

L1861729-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1861729-01 05/23/25 08:40 • (MS) R4219568-5 05/23/25 08:45 • (MSD) R4219568-6 05/23/25 08:46

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 %
Aluminum	1110000	3100000	3900000	3760000	71.5	58.9	1	75.0-125	J6	J6	3.65	20
Antimony	111000	ND	91700	99800	82.6	89.9	1	75.0-125			8.43	20
Beryllium	111000	452	108000	116000	97.1	105	1	75.0-125			7.29	20
Calcium	1110000	2910000	3980000	3860000	96.3	85.4	1	75.0-125			3.10	20
Chromium	111000	4020	111000	117000	96.0	102	1	75.0-125			5.56	20
Cobalt	111000	3510	108000	114000	94.1	99.7	1	75.0-125			5.60	20
Iron	1110000	4910000	4720000	4770000	0.000	0.000	1	75.0-125	V	V	1.09	20
Magnesium	1110000	1280000	2150000	2160000	78.5	78.8	1	75.0-125			0.178	20
Manganese	111000	210000	318000	338000	97.4	116	1	75.0-125			6.13	20
Potassium	1110000	1300000	2210000	2240000	82.3	84.8	1	75.0-125			1.23	20
Sodium	1110000	ND	1080000	1180000	87.8	96.4	1	75.0-125			8.44	20
Thallium	111000	ND	107000	114000	96.0	102	1	75.0-125			6.41	20
Vanadium	111000	10800	112000	122000	91.5	99.8	1	75.0-125			7.82	20

Method Blank (MB)

(MB) R4220112-1 05/24/25 09:00

Analyte	MB Result ug/kg	MB Qualifier	MB MDL ug/kg	MB RDL ug/kg
Aluminum	U		6080	20000
Antimony	U		691	2000
Beryllium	U		47.7	200
Calcium	U		19000	100000
Chromium	U		214	1000
Cobalt	U		177	1000
Iron	U		2240	10000
Magnesium	U		19900	100000
Manganese	U		173	1000
Potassium	U		20900	100000
Sodium	U		41200	100000
Thallium	U		518	2000
Vanadium	U		383	2000

Laboratory Control Sample (LCS)

(LCS) R4220112-2 05/24/25 09:02

Analyte	Spike Amount ug/kg	LCS Result ug/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Aluminum	1000000	956000	95.6	80.0-120	
Antimony	100000	96500	96.5	80.0-120	
Beryllium	100000	101000	101	80.0-120	
Calcium	1000000	1000000	100	80.0-120	
Chromium	100000	104000	104	80.0-120	
Cobalt	100000	97400	97.4	80.0-120	
Iron	1000000	1010000	101	80.0-120	
Magnesium	1000000	988000	98.8	80.0-120	
Manganese	100000	106000	106	80.0-120	
Potassium	1000000	1000000	100	80.0-120	
Sodium	1000000	1000000	100	80.0-120	
Thallium	100000	102000	102	80.0-120	
Vanadium	100000	98700	98.7	80.0-120	

L1862234-07 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1862234-07 05/24/25 09:04 • (MS) R4220112-5 05/24/25 09:09 • (MSD) R4220112-6 05/24/25 09:11

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	1070000	2100000	3770000	2740000	157	60.2	1	75.0-125	J5	J3 J6	31.7	20
Antimony	107000	ND	84400	84400	78.9	78.9	1	75.0-125			0.00371	20
Beryllium	107000	293	98100	97100	91.5	90.5	1	75.0-125			1.03	20
Calcium	1070000	8000000	7030000	6780000	0.000	0.000	1	75.0-125	V	V	3.57	20
Chromium	107000	5410	127000	107000	113	94.6	1	75.0-125			17.1	20
Cobalt	107000	3070	101000	99900	91.7	90.6	1	75.0-125			1.26	20
Iron	1070000	8590000	14000000	7730000	509	0.000	1	75.0-125	V	J3 V	57.8	20
Magnesium	1070000	1470000	2310000	2010000	77.9	49.7	1	75.0-125		J6	14.0	20
Manganese	107000	162000	307000	279000	136	110	1	75.0-125	J5		9.54	20
Potassium	1070000	1200000	2120000	1880000	86.8	64.3	1	75.0-125		J6	12.0	20
Sodium	1070000	115000	1080000	1050000	89.8	87.9	1	75.0-125			1.93	20
Thallium	107000	ND	100000	98400	93.8	92.1	1	75.0-125			1.92	20
Vanadium	107000	8850	107000	102000	91.4	87.2	1	75.0-125			4.34	20

Method Blank (MB)

(MB) R4219306-3 05/22/25 19:25

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

Method Blank (MB)

(MB) R4219306-3 05/22/25 19:25

Analyte	MB Result ug/kg	MB Qualifier	MB MDL ug/kg	MB RDL ug/kg
Methylene Chloride	8.63	J	6.64	25.0
4-Methyl-2-pentanone (MIBK)	U		2.28	25.0
Methyl tert-butyl ether	U		0.350	1.00
n-Propylbenzene	U		0.950	5.00
Styrene	U		0.229	12.5
1,1,1,2-Tetrachloroethane	U		0.948	2.50
1,1,2,2-Tetrachloroethane	U		0.695	2.50
1,1,2-Trichlorotrifluoroethane	U		0.754	2.50
Tetrachloroethene	U		0.896	2.50
1,2,3-Trichlorobenzene	U		7.33	12.5
1,2,4-Trichlorobenzene	U		4.40	12.5
1,1,1-Trichloroethane	U		0.923	2.50
1,1,2-Trichloroethane	U		0.597	2.50
Trichloroethene	U		0.584	1.00
Trichlorofluoromethane	U		0.827	2.50
1,2,3-Trichloropropane	U		1.62	12.5
1,2,3-Trimethylbenzene	U		1.58	5.00
Vinyl chloride	U		1.16	2.50
(S) Toluene-d8	*89.4*			*75.0-131*
(S) 4-Bromofluorobenzene	*89.7*			*67.0-138*
(S) 1,2-Dichloroethane-d4	*104*			*70.0-130*

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

(LCS) R4219306-1 05/22/25 17:39 • (LCSD) R4219306-2 05/22/25 17:58

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	636	660	102	106	10.0-160			3.70	31
Acrylonitrile	625	490	517	78.4	82.7	45.0-153			5.36	22
Bromobenzene	125	117	116	93.6	92.8	73.0-121			0.858	20
Bromodichloromethane	125	114	117	91.2	93.6	73.0-121			2.60	20
Bromoform	125	99.5	97.7	79.6	78.2	64.0-132			1.83	20
Bromomethane	125	102	102	81.6	81.6	56.0-147			0.000	20
n-Butylbenzene	125	110	112	88.0	89.6	68.0-135			1.80	20
sec-Butylbenzene	125	110	113	88.0	90.4	74.0-130			2.69	20
tert-Butylbenzene	125	114	114	91.2	91.2	75.0-127			0.000	20
Carbon tetrachloride	125	111	119	88.8	95.2	66.0-128			6.96	20
Chlorobenzene	125	106	107	84.8	85.6	76.0-128			0.939	20
Chlorodibromomethane	125	111	111	88.8	88.8	74.0-127			0.000	20

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

(LCS) R4219306-1 05/22/25 17:39 • (LCSD) R4219306-2 05/22/25 17:58

Analyte	Spike Amount ug/kg	LCS Result ug/kg	LCSD Result ug/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Chloroethane	125	102	104	81.6	83.2	61.0-134			1.94	20
Chloroform	125	119	119	95.2	95.2	72.0-123			0.000	20
Chloromethane	125	97.4	97.6	77.9	78.1	51.0-138			0.205	20
2-Chlorotoluene	125	117	118	93.6	94.4	75.0-124			0.851	20
4-Chlorotoluene	125	116	113	92.8	90.4	75.0-124			2.62	20
1,2-Dibromo-3-Chloropropane	125	98.8	95.6	79.0	76.5	59.0-130			3.29	20
1,2-Dibromoethane	125	108	109	86.4	87.2	74.0-128			0.922	20
Dibromomethane	125	118	121	94.4	96.8	75.0-122			2.51	20
1,2-Dichlorobenzene	125	115	109	92.0	87.2	76.0-124			5.36	20
1,3-Dichlorobenzene	125	110	111	88.0	88.8	76.0-125			0.905	20
1,4-Dichlorobenzene	125	110	109	88.0	87.2	77.0-121			0.913	20
Dichlorodifluoromethane	125	96.2	100	77.0	80.0	43.0-156			3.87	20
1,1-Dichloroethane	125	126	129	101	103	70.0-127			2.35	20
1,2-Dichloroethane	125	113	113	90.4	90.4	65.0-131			0.000	20
1,1-Dichloroethene	125	95.4	103	76.3	82.4	65.0-131			7.66	20
cis-1,2-Dichloroethene	125	120	123	96.0	98.4	73.0-125			2.47	20
trans-1,2-Dichloroethene	125	107	113	85.6	90.4	71.0-125			5.45	20
1,2-Dichloropropane	125	118	118	94.4	94.4	74.0-125			0.000	20
1,1-Dichloropropene	125	119	123	95.2	98.4	73.0-125			3.31	20
1,3-Dichloropropane	125	120	118	96.0	94.4	80.0-125			1.68	20
cis-1,3-Dichloropropene	125	112	112	89.6	89.6	76.0-127			0.000	20
trans-1,3-Dichloropropene	125	114	114	91.2	91.2	73.0-127			0.000	20
2,2-Dichloropropane	125	128	144	102	115	59.0-135			11.8	20
Di-isopropyl ether	125	123	123	98.4	98.4	60.0-136			0.000	20
Hexachloro-1,3-butadiene	125	98.0	93.4	78.4	74.7	57.0-150			4.81	20
Isopropylbenzene	125	106	107	84.8	85.6	72.0-127			0.939	20
p-Isopropyltoluene	125	110	111	88.0	88.8	72.0-133			0.905	20
2-Butanone (MEK)	625	590	585	94.4	93.6	30.0-160			0.851	24
Methylene Chloride	125	115	114	92.0	91.2	68.0-123			0.873	20
4-Methyl-2-pentanone (MIBK)	625	560	555	89.6	88.8	56.0-143			0.897	20
Methyl tert-butyl ether	125	139	140	111	112	66.0-132			0.717	20
n-Propylbenzene	125	114	118	91.2	94.4	74.0-126			3.45	20
Styrene	125	101	101	80.8	80.8	72.0-127			0.000	20
1,1,1,2-Tetrachloroethane	125	115	112	92.0	89.6	74.0-129			2.64	20
1,1,2,2-Tetrachloroethane	125	119	115	95.2	92.0	68.0-128			3.42	20
1,1,2-Trichlorotrifluoroethane	125	87.9	103	70.3	82.4	61.0-139			15.8	20
Tetrachloroethene	125	104	110	83.2	88.0	70.0-136			5.61	20
1,2,3-Trichlorobenzene	125	92.9	88.1	74.3	70.5	59.0-139			5.30	20
1,2,4-Trichlorobenzene	125	92.8	86.9	74.2	69.5	62.0-137			6.57	20
1,1,1-Trichloroethane	125	116	122	92.8	97.6	69.0-126			5.04	20

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

(LCS) R4219306-1 05/22/25 17:39 • (LCSD) R4219306-2 05/22/25 17:58

Analyte	Spike Amount ug/kg	LCS Result ug/kg	LCSD Result ug/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
1,1,2-Trichloroethane	125	117	117	93.6	93.6	78.0-123			0.000	20
Trichloroethene	125	115	118	92.0	94.4	76.0-126			2.58	20
Trichlorofluoromethane	125	117	122	93.6	97.6	61.0-142			4.18	20
1,2,3-Trichloropropane	125	114	117	91.2	93.6	67.0-129			2.60	20
1,2,3-Trimethylbenzene	125	111	108	88.8	86.4	74.0-124			2.74	20
Vinyl chloride	125	100	105	80.0	84.0	63.0-134			4.88	20
(S) Toluene-d8				*97.3*	*99.4*	*75.0-131*				
(S) 4-Bromofluorobenzene				*97.8*	*95.7*	*67.0-138*				
(S) 1,2-Dichloroethane-d4				*105*	*106*	*70.0-130*				

L1861761-05 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1861761-05 05/22/25 21:19 • (MS) R4219306-4 05/23/25 02:25 • (MSD) R4219306-5 05/23/25 02:44

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	700	ND	406	432	57.9	61.8	1	10.0-160			6.42	40
Acrylonitrile	700	ND	574	553	81.9	79.0	1	10.0-160			3.58	40
Bromobenzene	140	ND	137	141	97.6	101	1	10.0-156			3.23	38
Bromodichloromethane	140	ND	131	125	93.6	89.6	1	10.0-143			4.37	37
Bromoform	140	ND	108	94.9	77.0	67.8	1	10.0-146			12.7	36
Bromomethane	140	ND	227	177	162	126	1	10.0-149	J5		24.9	38
n-Butylbenzene	140	ND	161	150	115	107	1	10.0-160			7.19	40
sec-Butylbenzene	140	ND	156	147	111	105	1	10.0-159			5.93	39
tert-Butylbenzene	140	ND	147	146	105	104	1	10.0-156			0.766	39
Carbon tetrachloride	140	ND	185	162	132	116	1	10.0-145			12.9	37
Chlorobenzene	140	ND	132	127	94.4	90.4	1	10.0-152			4.33	39
Chlorodibromomethane	140	ND	123	113	88.0	80.8	1	10.0-146			8.53	37
Chloroethane	140	ND	208	157	149	112	1	10.0-146	J5		28.2	40
Chloroform	140	ND	146	141	104	101	1	10.0-146			3.12	37
Chloromethane	140	ND	189	157	135	112	1	10.0-159			18.8	37
2-Chlorotoluene	140	ND	145	141	103	101	1	10.0-159			2.35	38
4-Chlorotoluene	140	ND	148	143	106	102	1	10.0-155			3.08	39
1,2-Dibromo-3-Chloropropane	140	ND	92.4	96.0	66.0	68.6	1	10.0-151			3.80	39
1,2-Dibromoethane	140	ND	122	116	87.2	83.2	1	10.0-148			4.69	34
Dibromomethane	140	ND	129	121	92.0	86.4	1	10.0-147			6.28	35
1,2-Dichlorobenzene	140	ND	134	139	96.0	99.2	1	10.0-155			3.28	37
1,3-Dichlorobenzene	140	ND	143	141	102	101	1	10.0-153			1.57	38
1,4-Dichlorobenzene	140	ND	146	142	104	102	1	10.0-151			2.33	38
Dichlorodifluoromethane	140	ND	207	175	148	125	1	10.0-160			17.0	35

L1861761-05 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1861761-05 05/22/25 21:19 • (MS) R4219306-4 05/23/25 02:25 • (MSD) R4219306-5 05/23/25 02:44

Analyte	Spike Amount (dry) ug/kg	Original Result (dry) ug/kg	MS Result (dry) ug/kg	MSD Result (dry) ug/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
1,1-Dichloroethane	140	ND	170	165	122	118	1	10.0-147			3.34	37
1,2-Dichloroethane	140	ND	105	101	75.2	72.2	1	10.0-148			4.02	35
1,1-Dichloroethene	140	ND	189	161	135	115	1	10.0-155			16.0	37
cis-1,2-Dichloroethene	140	ND	158	150	113	107	1	10.0-149			5.09	37
trans-1,2-Dichloroethene	140	ND	180	149	129	106	1	10.0-150			19.0	37
1,2-Dichloropropane	140	ND	146	138	104	98.4	1	10.0-148			5.53	37
1,1-Dichloropropene	140	ND	180	171	129	122	1	10.0-153			5.10	35
1,3-Dichloropropane	140	ND	139	136	99.2	96.8	1	10.0-154			2.45	35
cis-1,3-Dichloropropene	140	ND	132	133	94.4	95.2	1	10.0-151			0.844	37
trans-1,3-Dichloropropene	140	ND	137	115	97.6	82.4	1	10.0-148			16.9	37
2,2-Dichloropropane	140	ND	173	134	123	96.0	1	10.0-138			24.8	36
Di-isopropyl ether	140	ND	143	136	102	96.8	1	10.0-147			5.62	36
Hexachloro-1,3-butadiene	140	ND	149	125	106	89.6	1	10.0-160			17.1	40
Isopropylbenzene	140	ND	142	125	102	89.6	1	10.0-155			12.6	38
p-Isopropyltoluene	140	ND	149	145	106	103	1	10.0-160			3.05	40
2-Butanone (MEK)	700	ND	277	292	39.5	41.8	1	10.0-160			5.51	40
Methylene Chloride	140	ND	198	159	142	114	1	10.0-141	J5		21.9	37
4-Methyl-2-pentanone (MIBK)	700	ND	520	457	74.2	65.3	1	10.0-160			12.8	35
Methyl tert-butyl ether	140	ND	145	134	103	96.0	1	11.0-147			7.23	35
n-Propylbenzene	140	ND	153	156	110	111	1	10.0-158			1.45	38
Styrene	140	ND	131	116	93.6	83.2	1	10.0-160			11.8	40
1,1,1,2-Tetrachloroethane	140	ND	124	114	88.8	81.6	1	10.0-149			8.45	39
1,1,2,2-Tetrachloroethane	140	ND	115	116	82.4	83.2	1	10.0-160			0.966	35
1,1,2-Trichlorotrifluoroethane	140	ND	186	153	133	110	1	10.0-160			19.1	36
Tetrachloroethene	140	ND	151	137	108	97.6	1	10.0-156			10.1	39
1,2,3-Trichlorobenzene	140	ND	133	127	95.2	90.4	1	10.0-160			5.17	40
1,2,4-Trichlorobenzene	140	ND	133	123	95.2	88.0	1	10.0-160			7.86	40
1,1,1-Trichloroethane	140	ND	197	167	141	119	1	10.0-144			16.6	35
1,1,2-Trichloroethane	140	ND	132	113	94.4	80.8	1	10.0-160			15.5	35
Trichloroethene	140	ND	165	159	118	114	1	10.0-156			3.46	38
Trichlorofluoromethane	140	ND	209	170	150	122	1	10.0-160			20.6	40
1,2,3-Trichloropropane	140	ND	115	125	82.4	89.6	1	10.0-156			8.37	35
1,2,3-Trimethylbenzene	140	ND	132	131	94.4	93.6	1	10.0-160			0.851	36
Vinyl chloride	140	ND	199	162	142	116	1	10.0-160			20.4	37
(S) Toluene-d8					*90.4*	*89.4*		*75.0-131*				
(S) 4-Bromofluorobenzene					*95.9*	*84.4*		*67.0-138*				
(S) 1,2-Dichloroethane-d4					*98.9*	*94.9*		*70.0-130*				

Method Blank (MB)

(MB) R4220270-3 05/24/25 09:28

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

Method Blank (MB)

(MB) R4220270-3 05/24/25 09:28

Analyte	MB Result ug/kg	MB Qualifier	MB MDL ug/kg	MB RDL ug/kg
Methylene Chloride	U		6.64	25.0
4-Methyl-2-pentanone (MIBK)	U		2.28	25.0
Methyl tert-butyl ether	U		0.350	1.00
n-Propylbenzene	U		0.950	5.00
Styrene	U		0.229	12.5
1,1,1,2-Tetrachloroethane	U		0.948	2.50
1,1,2,2-Tetrachloroethane	U		0.695	2.50
1,1,2-Trichlorotrifluoroethane	U		0.754	2.50
Tetrachloroethene	U		0.896	2.50
1,2,3-Trichlorobenzene	U		7.33	12.5
1,2,4-Trichlorobenzene	U		4.40	12.5
1,1,1-Trichloroethane	U		0.923	2.50
1,1,2-Trichloroethane	U		0.597	2.50
Trichloroethene	U		0.584	1.00
Trichlorofluoromethane	U		0.827	2.50
1,2,3-Trichloropropane	U		1.62	12.5
1,2,3-Trimethylbenzene	U		1.58	5.00
Vinyl chloride	U		1.16	2.50
(S) Toluene-d8	*99.4*			*75.0-131*
(S) 4-Bromofluorobenzene	*92.2*			*67.0-138*
(S) 1,2-Dichloroethane-d4	*97.1*			*70.0-130*

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

(LCS) R4220270-1 05/24/25 07:45 • (LCSD) R4220270-2 05/24/25 08:05

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	676	677	108	108	10.0-160			0.148	31
Acrylonitrile	625	591	584	94.6	93.4	45.0-153			1.19	22
Bromobenzene	125	124	123	99.2	98.4	73.0-121			0.810	20
Bromodichloromethane	125	112	113	89.6	90.4	73.0-121			0.889	20
Bromoform	125	99.1	100	79.3	80.0	64.0-132			0.904	20
Bromomethane	125	78.9	95.5	63.1	76.4	56.0-147			19.0	20
n-Butylbenzene	125	125	129	100	103	68.0-135			3.15	20
sec-Butylbenzene	125	125	127	100	102	74.0-130			1.59	20
tert-Butylbenzene	125	121	124	96.8	99.2	75.0-127			2.45	20
Carbon tetrachloride	125	112	116	89.6	92.8	66.0-128			3.51	20
Chlorobenzene	125	121	118	96.8	94.4	76.0-128			2.51	20
Chlorodibromomethane	125	108	110	86.4	88.0	74.0-127			1.83	20

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

(LCS) R4220270-1 05/24/25 07:45 • (LCSD) R4220270-2 05/24/25 08:05

Analyte	Spike Amount ug/kg	LCS Result ug/kg	LCSD Result ug/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Chloroethane	125	127	135	102	108	61.0-134			6.11	20
Chloroform	125	106	107	84.8	85.6	72.0-123			0.939	20
Chloromethane	125	123	139	98.4	111	51.0-138			12.2	20
2-Chlorotoluene	125	125	120	100	96.0	75.0-124			4.08	20
4-Chlorotoluene	125	131	129	105	103	75.0-124			1.54	20
1,2-Dibromo-3-Chloropropane	125	97.7	104	78.2	83.2	59.0-130			6.25	20
1,2-Dibromoethane	125	114	111	91.2	88.8	74.0-128			2.67	20
Dibromomethane	125	112	112	89.6	89.6	75.0-122			0.000	20
1,2-Dichlorobenzene	125	123	124	98.4	99.2	76.0-124			0.810	20
1,3-Dichlorobenzene	125	125	122	100	97.6	76.0-125			2.43	20
1,4-Dichlorobenzene	125	121	122	96.8	97.6	77.0-121			0.823	20
Dichlorodifluoromethane	125	115	116	92.0	92.8	43.0-156			0.866	20
1,1-Dichloroethane	125	128	128	102	102	70.0-127			0.000	20
1,2-Dichloroethane	125	110	108	88.0	86.4	65.0-131			1.83	20
1,1-Dichloroethene	125	120	121	96.0	96.8	65.0-131			0.830	20
cis-1,2-Dichloroethene	125	121	118	96.8	94.4	73.0-125			2.51	20
trans-1,2-Dichloroethene	125	127	123	102	98.4	71.0-125			3.20	20
1,2-Dichloropropane	125	129	124	103	99.2	74.0-125			3.95	20
1,1-Dichloropropene	125	114	117	91.2	93.6	73.0-125			2.60	20
1,3-Dichloropropane	125	122	116	97.6	92.8	80.0-125			5.04	20
cis-1,3-Dichloropropene	125	114	115	91.2	92.0	76.0-127			0.873	20
trans-1,3-Dichloropropene	125	108	109	86.4	87.2	73.0-127			0.922	20
2,2-Dichloropropane	125	96.8	99.5	77.4	79.6	59.0-135			2.75	20
Di-isopropyl ether	125	122	118	97.6	94.4	60.0-136			3.33	20
Hexachloro-1,3-butadiene	125	106	111	84.8	88.8	57.0-150			4.61	20
Isopropylbenzene	125	123	121	98.4	96.8	72.0-127			1.64	20
p-Isopropyltoluene	125	124	126	99.2	101	72.0-133			1.60	20
2-Butanone (MEK)	625	569	557	91.0	89.1	30.0-160			2.13	24
Methylene Chloride	125	125	121	100	96.8	68.0-123			3.25	20
4-Methyl-2-pentanone (MIBK)	625	613	623	98.1	99.7	56.0-143			1.62	20
Methyl tert-butyl ether	125	108	106	86.4	84.8	66.0-132			1.87	20
n-Propylbenzene	125	125	128	100	102	74.0-126			2.37	20
Styrene	125	118	118	94.4	94.4	72.0-127			0.000	20
1,1,1,2-Tetrachloroethane	125	110	108	88.0	86.4	74.0-129			1.83	20
1,1,2,2-Tetrachloroethane	125	109	114	87.2	91.2	68.0-128			4.48	20
1,1,2-Trichlorotrifluoroethane	125	119	121	95.2	96.8	61.0-139			1.67	20
Tetrachloroethene	125	119	119	95.2	95.2	70.0-136			0.000	20
1,2,3-Trichlorobenzene	125	113	115	90.4	92.0	59.0-139			1.75	20
1,2,4-Trichlorobenzene	125	119	120	95.2	96.0	62.0-137			0.837	20
1,1,1-Trichloroethane	125	113	115	90.4	92.0	69.0-126			1.75	20

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

(LCS) R4220270-1 05/24/25 07:45 • (LCSD) R4220270-2 05/24/25 08:05

Analyte	Spike Amount ug/kg	LCS Result ug/kg	LCSD Result ug/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
1,1,2-Trichloroethane	125	116	116	92.8	92.8	78.0-123			0.000	20
Trichloroethene	125	122	121	97.6	96.8	76.0-126			0.823	20
Trichlorofluoromethane	125	116	121	92.8	96.8	61.0-142			4.22	20
1,2,3-Trichloropropane	125	115	115	92.0	92.0	67.0-129			0.000	20
1,2,3-Trimethylbenzene	125	126	125	101	100	74.0-124			0.797	20
Vinyl chloride	125	124	126	99.2	101	63.0-134			1.60	20
(S) Toluene-d8				*100*	*99.1*	*75.0-131*				
(S) 4-Bromofluorobenzene				*93.1*	*92.4*	*67.0-138*				
(S) 1,2-Dichloroethane-d4				*101*	*96.6*	*70.0-130*				

Method Blank (MB)

(MB) R4219351-3 05/23/25 01:16

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) R4219351-3 05/23/25 01:16

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	*110*			*80.0-120*
(S) 4-Bromofluorobenzene	*94.9*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*106*			*70.0-130*

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

(LCS) R4219351-1 05/22/25 23:34 • (LCSD) R4219351-2 05/22/25 23:55

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	36.5	38.9	146	156	19.0-160			6.37	27
Acrolein	25.0	22.3	22.3	89.2	89.2	10.0-160			0.000	26
Acrylonitrile	25.0	25.6	24.8	102	99.2	55.0-149			3.17	20
Benzene	5.00	4.58	4.76	91.6	95.2	70.0-123			3.85	20

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

(LCS) R4219351-1 05/22/25 23:34 • (LCSD) R4219351-2 05/22/25 23:55

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	4.41	4.53	88.2	90.6	73.0-121			2.68	20
Bromodichloromethane	5.00	4.87	4.97	97.4	99.4	75.0-120			2.03	20
Bromoform	5.00	5.40	5.48	108	110	68.0-132			1.47	20
Bromomethane	5.00	13.1	14.2	262	284	10.0-160	J4	J4	8.06	25
n-Butylbenzene	5.00	4.75	5.00	95.0	100	73.0-125			5.13	20
sec-Butylbenzene	5.00	4.57	4.72	91.4	94.4	75.0-125			3.23	20
tert-Butylbenzene	5.00	4.76	5.00	95.2	100	76.0-124			4.92	20
Carbon tetrachloride	5.00	5.23	5.56	105	111	68.0-126			6.12	20
Chlorobenzene	5.00	5.22	5.37	104	107	80.0-121			2.83	20
Chlorodibromomethane	5.00	5.39	5.32	108	106	77.0-125			1.31	20
Chloroethane	5.00	5.44	5.51	109	110	47.0-150			1.28	20
Chloroform	5.00	4.81	4.91	96.2	98.2	73.0-120			2.06	20
Chloromethane	5.00	5.96	6.10	119	122	41.0-142			2.32	20
2-Chlorotoluene	5.00	5.03	5.16	101	103	76.0-123			2.55	20
4-Chlorotoluene	5.00	4.62	4.84	92.4	96.8	75.0-122			4.65	20
1,2-Dibromo-3-Chloropropane	5.00	3.97	4.11	79.4	82.2	58.0-134			3.47	20
1,2-Dibromoethane	5.00	5.13	5.12	103	102	80.0-122			0.195	20
Dibromomethane	5.00	5.41	5.20	108	104	80.0-120			3.96	20
1,2-Dichlorobenzene	5.00	4.78	4.91	95.6	98.2	79.0-121			2.68	20
1,3-Dichlorobenzene	5.00	4.87	4.97	97.4	99.4	79.0-120			2.03	20
1,4-Dichlorobenzene	5.00	4.79	5.00	95.8	100	79.0-120			4.29	20
Dichlorodifluoromethane	5.00	4.98	5.26	99.6	105	51.0-149			5.47	20
1,1-Dichloroethane	5.00	4.90	5.03	98.0	101	70.0-126			2.62	20
1,2-Dichloroethane	5.00	5.33	5.35	107	107	70.0-128			0.375	20
1,1-Dichloroethene	5.00	4.65	4.75	93.0	95.0	71.0-124			2.13	20
cis-1,2-Dichloroethene	5.00	4.57	4.70	91.4	94.0	73.0-120			2.80	20
trans-1,2-Dichloroethene	5.00	4.69	4.86	93.8	97.2	73.0-120			3.56	20
1,2-Dichloropropane	5.00	4.95	5.17	99.0	103	77.0-125			4.35	20
1,1-Dichloropropene	5.00	4.85	4.99	97.0	99.8	74.0-126			2.85	20
1,3-Dichloropropane	5.00	5.23	5.29	105	106	80.0-120			1.14	20
cis-1,3-Dichloropropene	5.00	4.57	4.81	91.4	96.2	80.0-123			5.12	20
trans-1,3-Dichloropropene	5.00	5.18	5.27	104	105	78.0-124			1.72	20
2,2-Dichloropropane	5.00	4.41	4.50	88.2	90.0	58.0-130			2.02	20
Di-isopropyl ether	5.00	4.83	4.89	96.6	97.8	58.0-138			1.23	20
Ethylbenzene	5.00	4.98	5.19	99.6	104	79.0-123			4.13	20
Hexachloro-1,3-butadiene	5.00	4.71	5.05	94.2	101	54.0-138			6.97	20
Isopropylbenzene	5.00	4.89	5.04	97.8	101	76.0-127			3.02	20
p-Isopropyltoluene	5.00	4.81	4.98	96.2	99.6	76.0-125			3.47	20
2-Butanone (MEK)	25.0	31.6	31.9	126	128	44.0-160			0.945	20
Methylene Chloride	5.00	4.59	4.66	91.8	93.2	67.0-120			1.51	20

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

(LCS) R4219351-1 05/22/25 23:34 • (LCSD) R4219351-2 05/22/25 23:55

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	29.7	29.7	119	119	68.0-142			0.000	20
Methyl tert-butyl ether	5.00	4.74	4.63	94.8	92.6	68.0-125			2.35	20
Naphthalene	5.00	2.94	3.06	58.8	61.2	54.0-135			4.00	20
n-Propylbenzene	5.00	4.80	4.93	96.0	98.6	77.0-124			2.67	20
Styrene	5.00	4.71	4.94	94.2	98.8	73.0-130			4.77	20
1,1,1,2-Tetrachloroethane	5.00	5.55	5.64	111	113	75.0-125			1.61	20
1,1,2,2-Tetrachloroethane	5.00	4.36	4.27	87.2	85.4	65.0-130			2.09	20
1,1,2-Trichlorotrifluoroethane	5.00	5.32	5.46	106	109	69.0-132			2.60	20
Tetrachloroethene	5.00	5.40	5.65	108	113	72.0-132			4.52	20
Toluene	5.00	5.03	5.17	101	103	79.0-120			2.75	20
1,2,3-Trichlorobenzene	5.00	3.17	3.43	63.4	68.6	50.0-138			7.88	20
1,2,4-Trichlorobenzene	5.00	3.32	3.47	66.4	69.4	57.0-137			4.42	20
1,1,1-Trichloroethane	5.00	5.02	5.24	100	105	73.0-124			4.29	20
1,1,2-Trichloroethane	5.00	4.95	5.00	99.0	100	80.0-120			1.01	20
Trichloroethene	5.00	5.44	5.68	109	114	78.0-124			4.32	20
Trichlorofluoromethane	5.00	4.95	5.29	99.0	106	59.0-147			6.64	20
1,2,3-Trichloropropane	5.00	5.29	5.15	106	103	73.0-130			2.68	20
1,2,4-Trimethylbenzene	5.00	4.45	4.73	89.0	94.6	76.0-121			6.10	20
1,2,3-Trimethylbenzene	5.00	4.59	4.72	91.8	94.4	77.0-120			2.79	20
1,3,5-Trimethylbenzene	5.00	4.70	4.87	94.0	97.4	76.0-122			3.55	20
Vinyl chloride	5.00	4.45	4.73	89.0	94.6	67.0-131			6.10	20
Xylenes, Total	15.0	15.1	15.8	101	105	79.0-123			4.53	20
(S) Toluene-d8				*105*	*106*	*80.0-120*				
(S) 4-Bromofluorobenzene				*97.0*	*96.3*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*103*	*101*	*70.0-130*				

Method Blank (MB)

(MB) R4219944-2 05/23/25 14:36

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) R4219944-2 05/23/25 14:36

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	*100*			*80.0-120*
(S) 4-Bromofluorobenzene	*99.4*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*101*			*70.0-130*

Laboratory Control Sample (LCS)

(LCS) R4219944-1 05/23/25 13:55

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Acetone	25.0	22.2	88.8	19.0-160	
Acrolein	25.0	30.9	124	10.0-160	
Acrylonitrile	25.0	25.6	102	55.0-149	
Benzene	5.00	4.55	91.0	70.0-123	

Laboratory Control Sample (LCS)

(LCS) R4219944-1 05/23/25 13:55

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Bromobenzene	5.00	4.19	83.8	73.0-121	
Bromodichloromethane	5.00	4.42	88.4	75.0-120	
Bromoform	5.00	4.19	83.8	68.0-132	
Bromomethane	5.00	3.11	62.2	10.0-160	
n-Butylbenzene	5.00	3.64	72.8	73.0-125	J4
sec-Butylbenzene	5.00	4.01	80.2	75.0-125	
tert-Butylbenzene	5.00	3.98	79.6	76.0-124	
Carbon tetrachloride	5.00	4.19	83.8	68.0-126	
Chlorobenzene	5.00	4.27	85.4	80.0-121	
Chlorodibromomethane	5.00	4.28	85.6	77.0-125	
Chloroethane	5.00	3.14	62.8	47.0-150	
Chloroform	5.00	4.42	88.4	73.0-120	
Chloromethane	5.00	5.87	117	41.0-142	
2-Chlorotoluene	5.00	4.09	81.8	76.0-123	
4-Chlorotoluene	5.00	4.10	82.0	75.0-122	
1,2-Dibromo-3-Chloropropane	5.00	4.14	82.8	58.0-134	
1,2-Dibromoethane	5.00	4.31	86.2	80.0-122	
Dibromomethane	5.00	4.35	87.0	80.0-120	
1,2-Dichlorobenzene	5.00	4.21	84.2	79.0-121	
1,3-Dichlorobenzene	5.00	4.14	82.8	79.0-120	
1,4-Dichlorobenzene	5.00	4.21	84.2	79.0-120	
Dichlorodifluoromethane	5.00	4.66	93.2	51.0-149	
1,1-Dichloroethane	5.00	4.63	92.6	70.0-126	
1,2-Dichloroethane	5.00	4.25	85.0	70.0-128	
1,1-Dichloroethene	5.00	4.47	89.4	71.0-124	
cis-1,2-Dichloroethene	5.00	4.43	88.6	73.0-120	
trans-1,2-Dichloroethene	5.00	4.36	87.2	73.0-120	
1,2-Dichloropropane	5.00	4.78	95.6	77.0-125	
1,1-Dichloropropene	5.00	4.22	84.4	74.0-126	
1,3-Dichloropropane	5.00	4.41	88.2	80.0-120	
cis-1,3-Dichloropropene	5.00	4.49	89.8	80.0-123	
trans-1,3-Dichloropropene	5.00	4.17	83.4	78.0-124	
2,2-Dichloropropane	5.00	4.43	88.6	58.0-130	
Di-isopropyl ether	5.00	4.60	92.0	58.0-138	
Ethylbenzene	5.00	4.05	81.0	79.0-123	
Hexachloro-1,3-butadiene	5.00	4.13	82.6	54.0-138	
Isopropylbenzene	5.00	3.90	78.0	76.0-127	
p-Isopropyltoluene	5.00	3.80	76.0	76.0-125	
2-Butanone (MEK)	25.0	23.9	95.6	44.0-160	
Methylene Chloride	5.00	4.74	94.8	67.0-120	

Laboratory Control Sample (LCS)

(LCS) R4219944-1 05/23/25 13:55

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
4-Methyl-2-pentanone (MIBK)	25.0	22.0	88.0	68.0-142	
Methyl tert-butyl ether	5.00	4.06	81.2	68.0-125	
Naphthalene	5.00	3.24	64.8	54.0-135	
n-Propylbenzene	5.00	4.06	81.2	77.0-124	
Styrene	5.00	3.88	77.6	73.0-130	
1,1,1,2-Tetrachloroethane	5.00	4.27	85.4	75.0-125	
1,1,2,2-Tetrachloroethane	5.00	4.79	95.8	65.0-130	
1,1,2-Trichlorotrifluoroethane	5.00	4.40	88.0	69.0-132	
Tetrachloroethene	5.00	4.24	84.8	72.0-132	
Toluene	5.00	4.36	87.2	79.0-120	
1,2,3-Trichlorobenzene	5.00	3.76	75.2	50.0-138	
1,2,4-Trichlorobenzene	5.00	3.72	74.4	57.0-137	
1,1,1-Trichloroethane	5.00	4.29	85.8	73.0-124	
1,1,2-Trichloroethane	5.00	4.33	86.6	80.0-120	
Trichloroethene	5.00	4.33	86.6	78.0-124	
Trichlorofluoromethane	5.00	4.67	93.4	59.0-147	
1,2,3-Trichloropropane	5.00	4.51	90.2	73.0-130	
1,2,4-Trimethylbenzene	5.00	3.81	76.2	76.0-121	
1,2,3-Trimethylbenzene	5.00	3.88	77.6	77.0-120	
1,3,5-Trimethylbenzene	5.00	4.03	80.6	76.0-122	
Vinyl chloride	5.00	4.14	82.8	67.0-131	
Xylenes, Total	15.0	12.2	81.3	79.0-123	
(S) Toluene-d8			*101*	*80.0-120*	
(S) 4-Bromofluorobenzene			*100*	*77.0-126*	
(S) 1,2-Dichloroethane-d4			*96.9*	*70.0-130*	

Method Blank (MB)

(MB) R4219368-2 05/22/25 20:49

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

Method Blank (MB)

(MB) R4219368-2 05/22/25 20:49

Analyte	MB Result ug/kg	MB Qualifier	MB MDL ug/kg	MB RDL ug/kg
Pentachlorophenol	U		8.96	333
Phenol	U		13.4	333
2,4,6-Trichlorophenol	U		10.7	333
(S) 2-Fluorophenol	*86.2*			*12.0-120*
(S) Phenol-d5	*83.8*			*10.0-120*
(S) Nitrobenzene-d5	*70.9*			*10.0-122*
(S) 2-Fluorobiphenyl	*75.4*			*15.0-120*
(S) 2,4,6-Tribromophenol	*72.7*			*10.0-127*
(S) p-Terphenyl-d14	*84.1*			*10.0-120*

Laboratory Control Sample (LCS)

(LCS) R4219368-1 05/22/25 20:28

Analyte	Spike Amount ug/kg	LCS Result ug/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Acenaphthylene	666	552	82.9	40.0-120	
Benzidine	1330	348	26.2	10.0-120	
Benzo(g,h,i)perylene	666	462	69.4	43.0-120	
Bis(2-chlorethoxy)methane	666	391	58.7	20.0-120	
Bis(2-chloroethyl)ether	666	478	71.8	16.0-120	
2,2-Oxybis(1-Chloropropane)	666	458	68.8	23.0-120	
4-Bromophenyl-phenylether	666	533	80.0	40.0-120	
2-Chloronaphthalene	666	459	68.9	35.0-120	
4-Chlorophenyl-phenylether	666	505	75.8	40.0-120	
1,2-Dichlorobenzene	666	444	66.7	32.0-120	
1,3-Dichlorobenzene	666	434	65.2	30.0-120	
1,4-Dichlorobenzene	666	460	69.1	31.0-120	
3,3-Dichlorobenzidine	1330	1040	78.2	28.0-120	
2,4-Dinitrotoluene	666	445	66.8	45.0-120	
2,6-Dinitrotoluene	666	461	69.2	42.0-120	
Hexachlorobenzene	666	476	71.5	39.0-120	
Hexachloro-1,3-butadiene	666	349	52.4	15.0-120	
Hexachlorocyclopentadiene	666	167	25.1	15.0-120	
Hexachloroethane	666	435	65.3	17.0-120	
Isophorone	666	420	63.1	23.0-120	
Nitrobenzene	666	382	57.4	17.0-120	
n-Nitrosodimethylamine	666	474	71.2	10.0-125	
n-Nitrosodiphenylamine	666	534	80.2	40.0-120	
n-Nitrosodi-n-propylamine	666	517	77.6	26.0-120	

Laboratory Control Sample (LCS)

(LCS) R4219368-1 05/22/25 20:28

Analyte	Spike Amount ug/kg	LCS Result ug/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Phenanthrene	666	472	70.9	42.0-120	
Benzylbutyl phthalate	666	593	89.0	40.0-120	
Bis(2-ethylhexyl)phthalate	666	571	85.7	41.0-120	
Di-n-butyl phthalate	666	542	81.4	43.0-120	
Diethyl phthalate	666	537	80.6	43.0-120	
Dimethyl phthalate	666	528	79.3	43.0-120	
Di-n-octyl phthalate	666	595	89.3	40.0-120	
1,2,4-Trichlorobenzene	666	379	56.9	17.0-120	
4-Chloro-3-methylphenol	666	430	64.6	28.0-120	
2-Chlorophenol	666	453	68.0	28.0-120	
2,4-Dichlorophenol	666	431	64.7	25.0-120	
2,4-Dimethylphenol	666	394	59.2	15.0-120	
4,6-Dinitro-2-methylphenol	666	270	40.5	16.0-120	
2,4-Dinitrophenol	666	180	27.0	10.0-120	
2-Nitrophenol	666	366	55.0	20.0-120	
4-Nitrophenol	666	472	70.9	27.0-120	
Pentachlorophenol	666	378	56.8	29.0-120	
Phenol	666	497	74.6	28.0-120	
2,4,6-Trichlorophenol	666	469	70.4	37.0-120	
(S) 2-Fluorophenol			*86.3*	*12.0-120*	
(S) Phenol-d5			*84.7*	*10.0-120*	
(S) Nitrobenzene-d5			*64.6*	*10.0-122*	
(S) 2-Fluorobiphenyl			*73.0*	*15.0-120*	
(S) 2,4,6-Tribromophenol			*78.7*	*10.0-127*	
(S) p-Terphenyl-d14			*78.1*	*10.0-120*	

L1861729-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1861729-01 05/23/25 00:14 • (MS) R4219368-3 05/23/25 00:35 • (MSD) R4219368-4 05/23/25 00:55

Analyte	Spike Amount (dry) ug/kg	Original Result (dry) ug/kg	MS Result (dry) ug/kg	MSD Result (dry) ug/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Acenaphthylene	735	ND	629	615	85.6	83.4	1	25.0-120			2.32	32
Benzidine	1470	ND	ND	ND	0.000	0.000	1	10.0-120	J6	J6	0.000	40
Benzo(g,h,i)perylene	735	ND	503	476	68.4	64.6	1	10.0-120			5.44	33
Bis(2-chlorethoxy)methane	735	ND	449	444	61.0	60.2	1	10.0-120			0.995	34
Bis(2-chloroethyl)ether	735	ND	864	878	118	119	1	10.0-120			1.66	40
2,2-Oxybis(1-Chloropropane)	735	ND	546	562	74.3	76.2	1	10.0-120			2.81	40
4-Bromophenyl-phenylether	735	ND	613	600	83.4	81.3	1	27.0-120			2.20	30
2-Chloronaphthalene	735	ND	527	518	71.8	70.3	1	20.0-120			1.70	32

L1861729-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1861729-01 05/23/25 00:14 • (MS) R4219368-3 05/23/25 00:35 • (MSD) R4219368-4 05/23/25 00:55

Analyte	Spike Amount (dry) ug/kg	Original Result (dry) ug/kg	MS Result (dry) ug/kg	MSD Result (dry) ug/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
4-Chlorophenyl-phenylether	735	ND	590	570	80.2	77.3	1	24.0-120			3.45	29
1,2-Dichlorobenzene	735	ND	493	492	67.1	66.7	1	10.0-120			0.225	38
1,3-Dichlorobenzene	735	ND	467	466	63.6	63.3	1	10.0-120			0.238	40
1,4-Dichlorobenzene	735	ND	498	506	67.8	68.7	1	10.0-120			1.55	39
3,3-Dichlorobenzidine	1470	ND	604	586	41.2	39.7	1	10.0-120			2.99	34
2,4-Dinitrotoluene	735	ND	578	544	78.7	73.8	1	30.0-120			6.13	31
2,6-Dinitrotoluene	735	ND	588	565	80.1	76.7	1	25.0-120			4.04	31
Hexachlorobenzene	735	ND	541	537	73.6	72.9	1	27.0-120			0.618	28
Hexachloro-1,3-butadiene	735	ND	404	392	55.0	53.2	1	10.0-120			3.07	38
Hexachlorocyclopentadiene	735	ND	ND	ND	6.78	6.02	1	10.0-120	J6	J6	11.5	40
Hexachloroethane	735	ND	ND	ND	43.4	41.0	1	10.0-120			5.37	40
Isophorone	735	ND	476	474	64.8	64.3	1	13.0-120			0.467	34
Nitrobenzene	735	ND	446	439	60.7	59.5	1	10.0-120			1.76	36
n-Nitrosodimethylamine	735	ND	433	427	58.9	58.0	1	10.0-127			1.29	40
n-Nitrosodiphenylamine	735	ND	615	601	83.7	81.5	1	17.0-120			2.37	29
n-Nitrosodi-n-propylamine	735	ND	590	584	80.2	79.2	1	10.0-120			0.946	37
Phenanthrene	735	ND	545	534	74.2	72.4	1	17.0-120			2.06	31
Benzylbutyl phthalate	735	ND	732	717	99.5	97.3	1	23.0-120			1.99	30
Bis(2-ethylhexyl)phthalate	735	ND	682	672	92.7	91.1	1	17.0-126			1.48	30
Di-n-butyl phthalate	735	ND	638	613	86.9	83.1	1	30.0-120			4.08	29
Diethyl phthalate	735	ND	629	605	85.6	82.1	1	26.0-120			3.96	28
Dimethyl phthalate	735	ND	613	597	83.4	81.0	1	25.0-120			2.57	29
Di-n-octyl phthalate	735	ND	722	713	98.2	96.7	1	21.0-123			1.24	29
1,2,4-Trichlorobenzene	735	ND	434	431	59.1	58.4	1	12.0-120			0.770	37
4-Chloro-3-methylphenol	735	ND	517	493	70.4	66.9	1	15.0-120			4.84	30
2-Chlorophenol	735	ND	532	526	72.4	71.4	1	15.0-120			1.05	37
2,4-Dichlorophenol	735	ND	518	502	70.5	68.1	1	20.0-120			3.26	31
2,4-Dimethylphenol	735	ND	456	442	62.1	59.9	1	10.0-120			3.21	33
4,6-Dinitro-2-methylphenol	735	ND	ND	ND	40.9	32.5	1	10.0-120			22.6	39
2,4-Dinitrophenol	735	ND	ND	ND	32.5	26.8	1	10.0-121			18.8	40
2-Nitrophenol	735	ND	501	480	68.1	65.1	1	12.0-120			4.30	39
4-Nitrophenol	735	ND	654	632	89.0	85.7	1	10.0-137			3.45	32
Pentachlorophenol	735	ND	561	537	76.3	72.9	1	10.0-160			4.25	31
Phenol	735	ND	570	561	77.5	76.1	1	12.0-120			1.57	38
2,4,6-Trichlorophenol	735	ND	570	556	77.5	75.5	1	19.0-120			2.37	32
(S) 2-Fluorophenol					*85.6*	*85.8*		*12.0-120*				
(S) Phenol-d5					*84.3*	*82.8*		*10.0-120*				
(S) Nitrobenzene-d5					*68.9*	*68.4*		*10.0-122*				
(S) 2-Fluorobiphenyl					*72.8*	*71.7*		*15.0-120*				

L1861729-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1861729-01 05/23/25 00:14 • (MS) R4219368-3 05/23/25 00:35 • (MSD) R4219368-4 05/23/25 00:55

Analyte	Spike Amount (dry)	Original Result (dry)	MS Result (dry)	MSD Result (dry)	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
	ug/kg	ug/kg	ug/kg	ug/kg	%	%		%			%	%
(S) 2,4,6-Tribromophenol					*87.6*	*85.1*		*10.0-127*				
(S) p-Terphenyl-d14					*80.4*	*78.3*		*10.0-120*				

Method Blank (MB)

(MB) R4219377-2 05/22/25 23:36

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

Method Blank (MB)

(MB) R4219377-2 05/22/25 23:36

Analyte	MB Result ug/kg	MB Qualifier	MB MDL ug/kg	MB RDL ug/kg
Pentachlorophenol	U		8.96	333
Phenol	U		13.4	333
2,4,6-Trichlorophenol	U		10.7	333
(S) 2-Fluorophenol	*80.2*			*12.0-120*
(S) Phenol-d5	*72.4*			*10.0-120*
(S) Nitrobenzene-d5	*68.5*			*10.0-122*
(S) 2-Fluorobiphenyl	*68.2*			*15.0-120*
(S) 2,4,6-Tribromophenol	*62.3*			*10.0-127*
(S) p-Terphenyl-d14	*84.1*			*10.0-120*

Laboratory Control Sample (LCS)

(LCS) R4219377-1 05/22/25 23:15

Analyte	Spike Amount ug/kg	LCS Result ug/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Acenaphthylene	666	657	98.6	40.0-120	
Benzidine	1330	306	23.0	10.0-120	
Benzo(g,h,i)perylene	666	542	81.4	43.0-120	
Bis(2-chlorethoxy)methane	666	460	69.1	20.0-120	
Bis(2-chloroethyl)ether	666	543	81.5	16.0-120	
2,2-Oxybis(1-Chloropropane)	666	580	87.1	23.0-120	
4-Bromophenyl-phenylether	666	622	93.4	40.0-120	
2-Chloronaphthalene	666	571	85.7	35.0-120	
4-Chlorophenyl-phenylether	666	576	86.5	40.0-120	
1,2-Dichlorobenzene	666	537	80.6	32.0-120	
1,3-Dichlorobenzene	666	532	79.9	30.0-120	
1,4-Dichlorobenzene	666	544	81.7	31.0-120	
3,3-Dichlorobenzidine	1330	1130	85.0	28.0-120	
2,4-Dinitrotoluene	666	601	90.2	45.0-120	
2,6-Dinitrotoluene	666	583	87.5	42.0-120	
Hexachlorobenzene	666	578	86.8	39.0-120	
Hexachloro-1,3-butadiene	666	393	59.0	15.0-120	
Hexachlorocyclopentadiene	666	203	30.5	15.0-120	
Hexachloroethane	666	556	83.5	17.0-120	
Isophorone	666	465	69.8	23.0-120	
Nitrobenzene	666	462	69.4	17.0-120	
n-Nitrosodimethylamine	666	663	99.5	10.0-125	
n-Nitrosodiphenylamine	666	628	94.3	40.0-120	
n-Nitrosodi-n-propylamine	666	615	92.3	26.0-120	

Laboratory Control Sample (LCS)

(LCS) R4219377-1 05/22/25 23:15

Analyte	Spike Amount ug/kg	LCS Result ug/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Phenanthrene	666	587	88.1	42.0-120	
Benzylbutyl phthalate	666	691	104	40.0-120	
Bis(2-ethylhexyl)phthalate	666	703	106	41.0-120	
Di-n-butyl phthalate	666	717	108	43.0-120	
Diethyl phthalate	666	629	94.4	43.0-120	
Dimethyl phthalate	666	636	95.5	43.0-120	
Di-n-octyl phthalate	666	603	90.5	40.0-120	
1,2,4-Trichlorobenzene	666	436	65.5	17.0-120	
4-Chloro-3-methylphenol	666	496	74.5	28.0-120	
2-Chlorophenol	666	560	84.1	28.0-120	
2,4-Dichlorophenol	666	463	69.5	25.0-120	
2,4-Dimethylphenol	666	447	67.1	15.0-120	
4,6-Dinitro-2-methylphenol	666	487	73.1	16.0-120	
2,4-Dinitrophenol	666	356	53.5	10.0-120	
2-Nitrophenol	666	518	77.8	20.0-120	
4-Nitrophenol	666	572	85.9	27.0-120	
Pentachlorophenol	666	374	56.2	29.0-120	
Phenol	666	587	88.1	28.0-120	
2,4,6-Trichlorophenol	666	565	84.8	37.0-120	
(S) 2-Fluorophenol			*102*	*12.0-120*	
(S) Phenol-d5			*95.3*	*10.0-120*	
(S) Nitrobenzene-d5			*67.0*	*10.0-122*	
(S) 2-Fluorobiphenyl			*85.0*	*15.0-120*	
(S) 2,4,6-Tribromophenol			*95.6*	*10.0-127*	
(S) p-Terphenyl-d14			*93.1*	*10.0-120*	

L1861761-05 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1861761-05 05/23/25 06:58 • (MS) R4219377-3 05/23/25 07:19 • (MSD) R4219377-4 05/23/25 07:41

Analyte	Spike Amount (dry) ug/kg	Original Result (dry) ug/kg	MS Result (dry) ug/kg	MSD Result (dry) ug/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Acenaphthylene	695	ND	534	551	76.8	79.8	2	25.0-120			3.12	32
Benzidine	1390	ND	ND	ND	0.000	0.000	2	10.0-120	J6	J6	0.000	40
Benzo(g,h,i)perylene	695	ND	372	357	53.5	51.7	2	10.0-120			4.07	33
Bis(2-chlorethoxy)methane	695	ND	ND	ND	60.1	59.0	2	10.0-120			2.31	34
Bis(2-chloroethyl)ether	695	ND	ND	ND	61.3	66.3	2	10.0-120			7.19	40
2,2-Oxybis(1-Chloropropane)	695	ND	ND	ND	78.4	80.2	2	10.0-120			1.74	40
4-Bromophenyl-phenylether	695	ND	ND	ND	71.2	73.9	2	27.0-120			3.16	30
2-Chloronaphthalene	695	ND	467	473	67.2	68.4	2	20.0-120			1.13	32

L1861761-05 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1861761-05 05/23/25 06:58 • (MS) R4219377-3 05/23/25 07:19 • (MSD) R4219377-4 05/23/25 07:41

Analyte	Spike Amount (dry) ug/kg	Original Result (dry) ug/kg	MS Result (dry) ug/kg	MSD Result (dry) ug/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
4-Chlorophenyl-phenylether	695	ND	ND	ND	66.2	67.8	2	24.0-120			1.83	29
1,2-Dichlorobenzene	695	ND	ND	ND	58.2	61.8	2	10.0-120			5.35	38
1,3-Dichlorobenzene	695	ND	ND	ND	57.8	60.7	2	10.0-120			4.39	40
1,4-Dichlorobenzene	695	ND	ND	ND	58.8	62.3	2	10.0-120			5.05	39
3,3-Dichlorobenzidine	1390	ND	ND	739	48.2	53.6	2	10.0-120			9.78	34
2,4-Dinitrotoluene	695	ND	ND	ND	69.1	69.2	2	30.0-120			0.442	31
2,6-Dinitrotoluene	695	ND	ND	ND	66.5	69.6	2	25.0-120			4.04	31
Hexachlorobenzene	695	ND	ND	ND	63.6	65.6	2	27.0-120			2.60	28
Hexachloro-1,3-butadiene	695	ND	ND	ND	52.7	52.6	2	10.0-120			0.871	38
Hexachlorocyclopentadiene	695	ND	ND	ND	2.18	0.908	2	10.0-120	J6	J3 J6	82.9	40
Hexachloroethane	695	ND	ND	ND	25.6	24.7	2	10.0-120			4.26	40
Isophorone	695	ND	ND	ND	61.1	61.5	2	13.0-120			0.000	34
Nitrobenzene	695	ND	ND	ND	61.6	60.6	2	10.0-120			2.25	36
n-Nitrosodimethylamine	695	ND	ND	ND	63.9	66.4	2	10.0-127			3.29	40
n-Nitrosodiphenylamine	695	ND	ND	ND	71.6	75.0	2	17.0-120			3.96	29
n-Nitrosodi-n-propylamine	695	ND	ND	ND	69.1	74.5	2	10.0-120			7.03	37
Phenanthrene	695	ND	460	480	66.2	69.5	2	17.0-120			4.28	31
Benzylbutyl phthalate	695	ND	ND	ND	90.7	93.1	2	23.0-120			2.00	30
Bis(2-ethylhexyl)phthalate	695	ND	ND	ND	91.6	95.4	2	17.0-126			3.43	30
Di-n-butyl phthalate	695	ND	ND	ND	85.1	88.2	2	30.0-120			3.00	29
Diethyl phthalate	695	ND	ND	ND	77.3	80.5	2	26.0-120			3.49	28
Dimethyl phthalate	695	ND	ND	ND	74.1	77.8	2	25.0-120			4.23	29
Di-n-octyl phthalate	695	ND	ND	ND	87.3	92.2	2	21.0-123			4.77	29
1,2,4-Trichlorobenzene	695	ND	ND	ND	57.3	58.0	2	12.0-120			0.531	37
4-Chloro-3-methylphenol	695	ND	ND	ND	66.6	70.6	2	15.0-120			5.13	30
2-Chlorophenol	695	ND	ND	ND	62.3	65.5	2	15.0-120			4.31	37
2,4-Dichlorophenol	695	ND	ND	ND	64.3	66.7	2	20.0-120			3.03	31
2,4-Dimethylphenol	695	ND	ND	ND	60.5	60.1	2	10.0-120			1.27	33
4,6-Dinitro-2-methylphenol	695	ND	ND	ND	48.3	42.3	2	10.0-120			13.8	39
2,4-Dinitrophenol	695	ND	ND	ND	57.3	53.4	2	10.0-121			7.73	40
2-Nitrophenol	695	ND	ND	ND	68.6	67.6	2	12.0-120			2.02	39
4-Nitrophenol	695	ND	ND	ND	79.1	82.5	2	10.0-137			3.60	32
Pentachlorophenol	695	ND	ND	ND	48.9	45.9	2	10.0-160			7.10	31
Phenol	695	ND	ND	ND	64.2	68.7	2	12.0-120			6.21	38
2,4,6-Trichlorophenol	695	ND	ND	ND	70.4	74.8	2	19.0-120			5.47	32
(S) 2-Fluorophenol					*76.3*	*78.2*		*12.0-120*				
(S) Phenol-d5					*71.8*	*73.1*		*10.0-120*				
(S) Nitrobenzene-d5					*63.1*	*64.1*		*10.0-122*				
(S) 2-Fluorobiphenyl					*65.5*	*69.3*		*15.0-120*				

L1861761-05 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1861761-05 05/23/25 06:58 • (MS) R4219377-3 05/23/25 07:19 • (MSD) R4219377-4 05/23/25 07:41

Analyte	Spike Amount (dry)	Original Result (dry)	MS Result (dry)	MSD Result (dry)	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
	ug/kg	ug/kg	ug/kg	ug/kg	%	%		%			%	%
(S) 2,4,6-Tribromophenol					*76.2*	*77.9*		*10.0-127*				
(S) p-Terphenyl-d14					*72.3*	*73.0*		*10.0-120*				

Sample Narrative:

OS: Dilution due to matrix impact during extraction procedure

Method Blank (MB)

(MB) R4220298-2 05/24/25 10:44

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

Method Blank (MB)

(MB) R4220298-2 05/24/25 10:44

Analyte	MB Result ug/kg	MB Qualifier	MB MDL ug/kg	MB RDL ug/kg
Pentachlorophenol	U		8.96	333
Phenol	U		13.4	333
2,4,6-Trichlorophenol	U		10.7	333
(S) 2-Fluorophenol	*69.2*			*12.0-120*
(S) Phenol-d5	*60.2*			*10.0-120*
(S) Nitrobenzene-d5	*54.7*			*10.0-122*
(S) 2-Fluorobiphenyl	*57.1*			*15.0-120*
(S) 2,4,6-Tribromophenol	*61.1*			*10.0-127*
(S) p-Terphenyl-d14	*64.3*			*10.0-120*

Laboratory Control Sample (LCS)

(LCS) R4220298-1 05/24/25 10:23

Analyte	Spike Amount ug/kg	LCS Result ug/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Acenaphthylene	666	426	64.0	40.0-120	
Benzidine	1330	581	43.7	10.0-120	
Benzo(g,h,i)perylene	666	452	67.9	43.0-120	
Bis(2-chlorethoxy)methane	666	350	52.6	20.0-120	
Bis(2-chloroethyl)ether	666	476	71.5	16.0-120	
2,2-Oxybis(1-Chloropropane)	666	854	128	23.0-120	J4
4-Bromophenyl-phenylether	666	482	72.4	40.0-120	
2-Chloronaphthalene	666	395	59.3	35.0-120	
4-Chlorophenyl-phenylether	666	509	76.4	40.0-120	
1,2-Dichlorobenzene	666	429	64.4	32.0-120	
1,3-Dichlorobenzene	666	431	64.7	30.0-120	
1,4-Dichlorobenzene	666	447	67.1	31.0-120	
3,3-Dichlorobenzidine	1330	1120	84.2	28.0-120	
2,4-Dinitrotoluene	666	534	80.2	45.0-120	
2,6-Dinitrotoluene	666	540	81.1	42.0-120	
Hexachlorobenzene	666	444	66.7	39.0-120	
Hexachloro-1,3-butadiene	666	466	70.0	15.0-120	
Hexachlorocyclopentadiene	666	137	20.6	15.0-120	
Hexachloroethane	666	421	63.2	17.0-120	
Isophorone	666	409	61.4	23.0-120	
Nitrobenzene	666	394	59.2	17.0-120	
n-Nitrosodimethylamine	666	962	144	10.0-125	J4
n-Nitrosodiphenylamine	666	434	65.2	40.0-120	
n-Nitrosodi-n-propylamine	666	459	68.9	26.0-120	

Laboratory Control Sample (LCS)

(LCS) R4220298-1 05/24/25 10:23

Analyte	Spike Amount ug/kg	LCS Result ug/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Phenanthrene	666	436	65.5	42.0-120	
Benzylbutyl phthalate	666	528	79.3	40.0-120	
Bis(2-ethylhexyl)phthalate	666	483	72.5	41.0-120	
Di-n-butyl phthalate	666	451	67.7	43.0-120	
Diethyl phthalate	666	495	74.3	43.0-120	
Dimethyl phthalate	666	478	71.8	43.0-120	
Di-n-octyl phthalate	666	574	86.2	40.0-120	
1,2,4-Trichlorobenzene	666	430	64.6	17.0-120	
4-Chloro-3-methylphenol	666	454	68.2	28.0-120	
2-Chlorophenol	666	450	67.6	28.0-120	
2,4-Dichlorophenol	666	418	62.8	25.0-120	
2,4-Dimethylphenol	666	408	61.3	15.0-120	
4,6-Dinitro-2-methylphenol	666	643	96.5	16.0-120	
2,4-Dinitrophenol	666	574	86.2	10.0-120	
2-Nitrophenol	666	435	65.3	20.0-120	
4-Nitrophenol	666	404	60.7	27.0-120	
Pentachlorophenol	666	403	60.5	29.0-120	
Phenol	666	456	68.5	28.0-120	
2,4,6-Trichlorophenol	666	506	76.0	37.0-120	
(S) 2-Fluorophenol			*82.3*	*12.0-120*	
(S) Phenol-d5			*73.0*	*10.0-120*	
(S) Nitrobenzene-d5			*54.4*	*10.0-122*	
(S) 2-Fluorobiphenyl			*62.8*	*15.0-120*	
(S) 2,4,6-Tribromophenol			*85.9*	*10.0-127*	
(S) p-Terphenyl-d14			*67.3*	*10.0-120*	

L1862239-19 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1862239-19 05/24/25 17:43 • (MS) R4220298-3 05/24/25 18:03 • (MSD) R4220298-4 05/24/25 18:24

Analyte	Spike Amount (dry) ug/kg	Original Result (dry) ug/kg	MS Result (dry) ug/kg	MSD Result (dry) ug/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Acenaphthylene	725	ND	461	562	63.5	77.0	10	25.0-120			19.8	32
Benzidine	1450	ND	ND	ND	0.000	0.000	10	10.0-120	J6	J6	0.000	40
Benzo(g,h,i)perylene	725	ND	ND	ND	32.9	28.5	10	10.0-120			8.90	33
Bis(2-chlorethoxy)methane	725	ND	ND	ND	61.0	70.7	10	10.0-120			15.3	34
Bis(2-chloroethyl)ether	725	ND	ND	ND	55.6	64.4	10	10.0-120			15.2	40
2,2-Oxybis(1-Chloropropane)	725	ND	ND	ND	121	129	10	10.0-120	J5	J5	6.93	40
4-Bromophenyl-phenylether	725	ND	ND	ND	74.8	88.3	10	27.0-120			17.1	30
2-Chloronaphthalene	725	ND	476	479	65.7	65.6	10	20.0-120			0.472	32

L1862239-19 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1862239-19 05/24/25 17:43 • (MS) R4220298-3 05/24/25 18:03 • (MSD) R4220298-4 05/24/25 18:24

Analyte	Spike Amount (dry) ug/kg	Original Result (dry) ug/kg	MS Result (dry) ug/kg	MSD Result (dry) ug/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
4-Chlorophenyl-phenylether	725	ND	ND	ND	91.5	86.0	10	24.0-120			5.58	29
1,2-Dichlorobenzene	725	ND	ND	ND	56.8	63.3	10	10.0-120			11.3	38
1,3-Dichlorobenzene	725	ND	ND	ND	52.8	62.7	10	10.0-120			17.7	40
1,4-Dichlorobenzene	725	ND	ND	ND	61.0	62.5	10	10.0-120			3.01	39
3,3-Dichlorobenzidine	1450	ND	ND	ND	58.4	70.2	10	10.0-120			19.1	34
2,4-Dinitrotoluene	725	ND	ND	ND	130	119	10	30.0-120	J5		7.72	31
2,6-Dinitrotoluene	725	ND	ND	ND	83.4	85.8	10	25.0-120			3.48	31
Hexachlorobenzene	725	ND	ND	ND	68.2	79.5	10	27.0-120			15.9	28
Hexachloro-1,3-butadiene	725	ND	ND	ND	94.1	90.1	10	10.0-120			3.70	38
Hexachlorocyclopentadiene	725	ND	ND	ND	0.000	0.000	10	10.0-120	J6	J6	0.000	40
Hexachloroethane	725	ND	ND	ND	42.5	41.4	10	10.0-120			2.21	40
Isophorone	725	ND	ND	ND	73.3	82.3	10	13.0-120			12.1	34
Nitrobenzene	725	ND	ND	ND	62.0	78.2	10	10.0-120			23.8	36
n-Nitrosodimethylamine	725	ND	ND	ND	89.1	85.8	10	10.0-127			3.19	40
n-Nitrosodiphenylamine	725	ND	ND	ND	82.9	85.5	10	17.0-120			3.68	29
n-Nitrosodi-n-propylamine	725	ND	ND	ND	68.6	84.6	10	10.0-120			21.4	37
Phenanthrene	725	ND	612	643	73.3	77.1	10	17.0-120			5.03	31
Benzylbutyl phthalate	725	ND	ND	ND	82.1	96.8	10	23.0-120			17.0	30
Bis(2-ethylhexyl)phthalate	725	ND	ND	ND	80.3	82.1	10	17.0-126			1.51	30
Di-n-butyl phthalate	725	ND	ND	ND	67.9	71.3	10	30.0-120			5.56	29
Diethyl phthalate	725	ND	ND	ND	78.4	84.1	10	26.0-120			7.62	28
Dimethyl phthalate	725	ND	ND	ND	71.3	76.4	10	25.0-120			7.55	29
Di-n-octyl phthalate	725	ND	ND	ND	188	196	10	21.0-123	J5	J5	4.84	29
1,2,4-Trichlorobenzene	725	ND	ND	ND	89.3	86.4	10	12.0-120			2.64	37
4-Chloro-3-methylphenol	725	ND	ND	ND	90.5	104	10	15.0-120			14.3	30
2-Chlorophenol	725	ND	ND	ND	61.6	62.3	10	15.0-120			1.75	37
2,4-Dichlorophenol	725	ND	ND	ND	86.8	91.5	10	20.0-120			5.90	31
2,4-Dimethylphenol	725	ND	ND	ND	75.3	80.9	10	10.0-120			7.73	33
4,6-Dinitro-2-methylphenol	725	ND	ND	ND	56.1	78.9	10	10.0-120			34.4	39
2,4-Dinitrophenol	644	ND	ND	ND	0.000	0.000	10	10.0-121	J6	J6	0.000	40
2-Nitrophenol	725	ND	ND	ND	70.2	66.2	10	12.0-120			5.22	39
4-Nitrophenol	725	ND	ND	ND	70.8	59.4	10	10.0-137			16.9	32
Pentachlorophenol	725	ND	ND	ND	139	135	10	10.0-160			2.38	31
Phenol	725	ND	ND	ND	62.3	76.9	10	12.0-120			21.6	38
2,4,6-Trichlorophenol	725	ND	ND	ND	82.6	82.1	10	19.0-120			0.000	32
(S) 2-Fluorophenol					*79.2*	*88.6*		*12.0-120*				
(S) Phenol-d5					*77.0*	*73.1*		*10.0-120*				
(S) Nitrobenzene-d5					*68.9*	*56.8*		*10.0-122*				
(S) 2-Fluorobiphenyl					*72.7*	*65.4*		*15.0-120*				

L1862239-19 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1862239-19 05/24/25 17:43 • (MS) R4220298-3 05/24/25 18:03 • (MSD) R4220298-4 05/24/25 18:24

Analyte	Spike Amount (dry)	Original Result (dry)	MS Result (dry)	MSD Result (dry)	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
	ug/kg	ug/kg	ug/kg	ug/kg	%	%		%			%	%
(S) 2,4,6-Tribromophenol					*97.4*	*97.5*		*10.0-127*				
(S) p-Terphenyl-d14					*75.2*	*82.7*		*10.0-120*				

Sample Narrative:

OS: Dilution due to matrix impact during extract concentration procedure

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

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

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

Abbreviations and Definitions

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

Qualifier	Description
C3	The reported concentration is an estimate. The continuing calibration standard associated with this data responded low. Method sensitivity check is acceptable.
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.
O1	The analyte failed the method required serial dilution test and/or subsequent post-spike criteria. These failures indicate matrix interference.

GLOSSARY OF TERMS

Qualifier	Description
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.

Pace® Location Requested (City/State):

Pace National, 12065 Lebanon Road, Mt. Juliet, TN 37122

CHAIN-OF-CUSTODY Analytical Request Document

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

LAB USE ONLY- Affix Workorder/Login Label Here

Scan QR Code for instructions

L1866701

K500

Company Name: CTEH, LLC	Contact/Report To: Chevron-Bishop, Kyle Lawrence, Tami McMullin, Andy Henault, Eric Catlin, Madelyn Klinkerman
Street Address: 5120 North Shore Drive, North Little Rock, AR 72118	Phone #:
	E-Mail: chevron_bishop@cteh.com; kylelawrence@cteh.com; tmcmullin@cteh.com; ahenault@cteh.com
	Cc E-Mail: ecatlin@cteh.com; mklinkerman@cteh.com
Customer Project #: PROJ-054017	Invoice to: CTEH
Project Name: Bishop LOC	Invoice E-mail: ctehap@montrose-env.com
Site Collection Info/Facility ID (as applicable): Galeton, CO	Purchase Order # (if applicable):
	Quote #:
Time Zone Collected: [ ] AK [ ] PT [X] MT [ ] CT [ ] ET	County / State origin of sample(s): CO
Data Deliverables: [X] Level II [ ] Level III [ ] Level IV [ ] EQUIS [ ] Other	Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No
	Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day Other ASAP Date Results Requested:
	DW PWSID # or WW Permit # as applicable:
	Field Filtered (if applicable): [ ] Yes [ ] No
	Analysis:

Specify Container Size **

8oz	8oz	8oz	8oz	6					
1	1	1	1	4					

Identify Container Preservative Type***

Analysis Requested

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

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

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Residual Chlorine Result	Residual Chlorine Units	VOCs 8260D	SVOCs 8270E; Metals 6010D	Total N/TKN/N+N/NH3 EPA 350.1, 351.2, 9056A, SM 4500 Norg	TOC Walkley Black	VOCs 8260D	MS/MSD					Sample Comment
GAC00521T017CRS006	SS	G	-	-	5/21/2025	1015	3	-	-	X	X	X	X	-	-					01
GAC00521T017CRS007	SS	G	-	-	5/21/2025	1025	3	-	-	X	X	X	X	-	-					02
GAC00521T017CRS008	SS	G	-	-	5/21/2025	1040	3	-	-	X	X	X	X	-	-					03
GAC00521T017CRS009	SS	G	-	-	5/21/2025	1055	3	-	-	X	X	X	X	-	-					04
GAC00521T017CRS010	SS	G	-	-	5/21/2025	1110	9	-	-	X	X	X	X	-	X					Volume for MS/MSD 05
GAC00521T017CRT002	OT	-	-	-	5/21/2025	0700	2	-	-	-	-	-	-	X	-					06

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

Preservation non-conformance identified for sample.

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

Collected By: Printed Name: Jonathan Alker; Signature:

Customer Remarks / Special Conditions / Possible Hazards:

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

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Tracking Number:
Montrose	5/21/25 1800			
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Delivered by: [ ] In- Person [ ] Courier [ ] FedEx [ ] UPS [ ] Other
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time: 5-22-25 1220	
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Page: 2 of 4

Sample Receipt Checklist

COC Seal Present/Intact: ✓Y__N__NP If Applicable
COC Signed/Accurate: __Y__N VOA Zero Headspace: __Y__N
Bottles arrive intact: __Y__N Pres. Correct/Check: __Y__N
Correct bottles used: __Y__N
Sufficient volume sent: __Y__N Condition: ___NCF ___OK
RA Screen <0.5 mR/hr: ✓Y__N

GAC00521T017CRS

Pace® Location Requested (City/State):

Pace National, 12065 Lebanon Road, Mt. Juliet, TN 37122

CHAIN-OF-CUSTODY Analytical Request Document

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

LAB USE ONLY- Affix Workorder/Login Label Here

Scan QR Code for instructions

Company Name: CTEH, LLC	Contact/Report To: Chevron-Bishop, Kyle Lawrence, Tami McMullin, Andy Henault, Eric Catlin, Madelyn Klinkerman
Street Address: 5120 North Shore Drive, North Little Rock, AR 72118	Phone #:
	E-Mail: chevron_bishop@cteh.com; kylelawrence@cteh.com; tmcmullin@cteh.com; ahenault@cteh.com
	Cc E-Mail: ecatlin@cteh.com; mklinkerman@cteh.com
Customer Project #: PROJ-054017	Invoice to: CTEH
Project Name: Bishop LOC	Invoice E-mail: ctehap@montrose-env.com
Site Collection Info/Facility ID (as applicable): Galeton, CO	Purchase Order # (if applicable):
	Quote #:
Time Zone Collected: [ ] AK [ ] PT [X] MT [ ] CT [ ] ET	County / State origin of sample(s): CO

Data Deliverables: [X] Level II [ ] Level III [ ] Level IV [ ] EQUIS [ ] Other

Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No

Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day Other ASAP

Date Results Requested:

DW PWSID # or WW Permit # as applicable:

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

Analysis:

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

Specify Container Size **: 8oz | 8oz | 8oz | 8oz | 6

Identify Container Preservative Type***: 1 | 1 | 1 | 1 | 4

Analysis Requested

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

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

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Residual Chlorine Result	Residual Chlorine Units	VOCs 8260D	SVOCs 8270E; Metals 6010D	Total N/TKN/N+N/NH3 EPA 350.1, 351.2, 9056A, SM 4500 Norg	TOC Walkley Black	VOCs 8260D	MS/MSD					Sample Comment	Preservation non-conformance identified for sample.
GAC0521T017CRS011	SS	G	-	-	5/21/2025	1015	3	-	-	X	X	X	X	-	-					07	
GAC0521T017CRS012	SS	G	-	-	5/21/2025	1030	3	-	-	X	X	X	X	-	-					08	
GAC0521T017CRS013	SS	G	-	-	5/21/2025	1045	3	-	-	X	X	X	X	-	-					09	
GAC0521T017CRC013	SS	G	-	-	5/21/2025	1045	3	-	-	X	X	X	X	-	-					10	
GAC0521T017CRS014	SS	G	-	-	5/21/2025	1110	3	-	-	X	X	X	X	-	-					11	
GAC0521T017CRT003	OT	-	-	-	5/21/2025	0700	2	-	-	-	-	-	-	X	-					12	

RF

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

Collected By: Printed Name Romeo Flores; Signature

Customer Remarks / Special Conditions / Possible Hazards:

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

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Tracking Number:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Delivered by: [ ] In- Person [ ] Courier [ ] FedEx [ ] UPS [ ] Other
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time: 5-22-25 1220	
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Page: 3 of 4

Relinquished by/Company: (Signature): Romeo Flores / CTEH; Date/Time: 05-21-25 18:00

GAC0521T017CRS

Pace® Location Requested (City/State):

Pace National, 12065 Lebanon Road, Mt. Juliet, TN 37122

CHAIN-OF-CUSTODY Analytical Request Document

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LAB USE ONLY- Affix Workorder/Login Label Here

Scan QR Code for instructions

Company Name: CTEH, LLC	Contact/Report To: Chevron-Bishop, Kyle Lawrence, Tami McMullin, Andy Henault, Eric Catlin, Madelyn Klinkerman
Street Address: 5120 North Shore Drive, North Little Rock, AR 72118	Phone #:
	E-Mail: chevron_bishop@cteh.com; kylelawrence@cteh.com; tmcmullin@cteh.com; ahenault@cteh.com
	Cc E-Mail: ecatlin@cteh.com; mklinkerman@cteh.com
Customer Project #: PROJ-054017	Invoice to: CTEH
Project Name: Bishop LOC	Invoice E-mail: ctehap@montrose-env.com
Site Collection Info/Facility ID (as applicable): Galeton, CO	Purchase Order # (if applicable):
	Quote #:
Time Zone Collected: [ ] AK [ ] PT [X] MT [ ] CT [ ] ET	County / State origin of sample(s): CO

Data Deliverables: [X] Level II [ ] Level III [ ] Level IV [ ] EQUIS [ ] Other_____

Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No

Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day Other ASAP

Date Results Requested:

DW PWSID # or WW Permit # as applicable:

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

Analysis:

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

Specify Container Size **: 8oz | 8oz | 8oz | 8oz | 6

Identify Container Preservative Type***: 1 | 1 | 1 | 1 | 4

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Analysis Requested

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

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Residual Chlorine Result	Residual Chlorine Units	VOCs 8260D	SVOCs 8270E; Metals 6010D	Total N/TKN/N+N/NH3 EPA 350.1, 351.2, 9056A, SM 4500 Norg	TOC Walkley Black	VOCs 8260D	MS/MSD					Sample Comment	Preservation non-conformance identified for sample.
GACO0521T017CRS015	SS	G	-	-	5/21/2025	1015	3	-	-	X	X	X	X	-	-					13	
GACO0521T017CRS016	SS	G	-	-	5/21/2025	1020	3	-	-	X	X	X	X	-	-					14	
GACO0521T017CRS017	SS	G	-	-	5/21/2025	1045	3	-	-	X	X	X	X	-	-					15	
GACO0521T017CRS018	SS	G	-	-	5/21/2025	1050	3	-	-	X	X	X	X	-	-					16	
GACO0521T017CRS019	SS	G	-	-	5/21/2025	1115	3	-	-	X	X	X	X	-	-					17	
GACO0521T017CRT004	OT	-	-	-	5/21/2025	0700	2	-	-	-	-	-	-	X	-					16	

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

Collected By: Printed Name Caleb Green; Signature Caleb G

Customer Remarks / Special Conditions / Possible Hazards:

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

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Tracking Number:
Caleb G EnviroScience, Inc.	5/21/25 1800			
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Delivered by: [ ] In- Person [ ] Courier [ ] FedEX [ ] UPS [ ] Other
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature) Jamoam	Date/Time: 5-22-25 1220	
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Page: 4 of 4

GACO0521T017CRS

Multiple Parcel Form L#_____

Parcel Tracking Number	Infrared Thermometer ID	Temperature Reading (°C)	Correction Factor (°C)	Corrected Temperature (°C)	Custody Seal Intact
SWA	TLA9	3.0	0.4	3.4	Yes / No / Not Present
		3.2		3.6	Yes / No / Not Present
		3.1		3.5	Yes / No / Not Present
		18.0		18.4	Yes / No / Not Present
		19.5		19.9	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

Jameem
Name

5-22-25
Date

D013

Pace® Location Requested (City/State):

Pace National, 12065 Lebanon Road, Mt. Juliet, TN 37122

CHAIN-OF-CUSTODY Analytical Request Document

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

LAB USE ONLY- Affix Workorder/Login Label Here

Scan QR Code for instructions

L1861761

Company Name: CTEH, LLC	Contact/Report To: Chevron-Bishop, Kyle Lawrence, Tami McMullin, Andy Henault, Eric Catlin, Madelyn Klinkerman
Street Address: 5120 North Shore Drive, North Little Rock, AR 72118	Phone #:
	E-Mail: chevron_bishop@cteh.com; kylelawrence@cteh.com; tmcmullin@cteh.com; ahenault@cteh.com
	Cc E-Mail: ecatlin@cteh.com; mklinkerman@cteh.com
Customer Project #: PROJ-054017	Invoice to: CTEH
Project Name: Bishop LOC	Invoice E-mail: ctehap@montrose-env.com
Site Collection Info/Facility ID (as applicable): Galeton, CO	Purchase Order # (if applicable):
	Quote #:
Time Zone Collected: [ ] AK [ ] PT [X] MT [ ] CT [ ] ET	County / State origin of sample(s): CO
Data Deliverables: [X] Level II [ ] Level III [ ] Level IV [ ] EQUIS [ ] Other	Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No
	Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day Other ASAP Date Results Requested:
	DW PWSID # or WW Permit # as applicable:
	Field Filtered (if applicable): [ ] Yes [ ] No
	Analysis:

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

Specify Container Size **: 8oz | 8oz | 8oz | 8oz | 6

Identify Container Preservative Type***: 1 | 1 | 1 | 1 | 4

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Analysis Requested

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

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Residual Chlorine Result	Residual Chlorine Units	VOCs 8260D	SVOCs 8270E; Metals 6010D	Total N/TKN/N+N/NH3 EPA 350.1, 351.2, 9056A; SM 4500 Norg	TOC Walkley Black	VOCs 8260D	MS/MSD	Sample Comment
GACO0521T017CRS001	SS	G	-	-	5/21/2025	1015	3	-	-	X	X	X	X	-	-	-1
GACO0521T017CRS002	SS	G	-	-	5/21/2025	1040	3	-	-	X	X	X	X	-	-	-2
GACO0521T017CRS003	SS	G	-	-	5/21/2025	1100	3	-	-	X	X	X	X	-	-	-3
GACO0521T017CRS004	SS	G	-	-	5/21/2025	1130	3	-	-	X	X	X	X	-	-	-4
GACO0521T017CRS005	SS	G	-	-	5/21/2025	1145	3	-	-	X	X	X	X	-	-	-5
GACO0521T017CRC005	SS	G	-	-	5/21/2025	1145	3	-	-	X	X	X	X	-	-	-6
GACO0521T017CRT001	OT	-	-	-	5/21/2025	0700	2	-	-	-	-	-	-	X	-	-7

Preservation non-conformance identified for sample.

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

Collected By: Printed Name Tristan Fontenot Signature

Customer Remarks / Special Conditions / Possible Hazards:

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

	Date/Time:		Date/Time:
Relinquished by/Company: (Signature) E3	05/22/25 1800	Received by/Company: (Signature) Pace	5/22/25 1800
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	5/23/25 13:00
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

Tracking Number:

Delivered by: [ ] In- Person [ ] Courier [ ] FedEx [ ] UPS [ ] Other

GACO0521T017CRS

Sample Receipt Checklist

COC Seal Present/Intact:	Y__N__NP	If Applicable VOA Zero Headspace:	Y__N
COC Signed/Accurate:	Y__N	Pres. Correct/Check:	Y__N
Bottles arrive intact:	Y__N		
Correct bottles used:	Y__N		
Sufficient volume sent:	Y__N	Condition: __NCF __OK	
RA Screen <0.5 mR/hr:	Y__N	Count=18	

Multiple Parcel Form

L# 4801761

Parcel Tracking Number	Infrared Thermometer ID	Temperature Reading (°C)		Correction Factor (°C)		Corrected Temperature (°C)	Custody Seal Intact
	TLA9	18.8	+	0.4	=	19.2	(Yes) / No / Not Present
	TLA9	1.1	+	0.4	=	1.5	(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
							Yes / No / Not Present

Steve Jensen
Name

5/23/25 13:00
Date

5/22 NCF-CTEHER L1861761 & L1861765

R0/R1

Time estimate: oh **Time spent:** oh **Grouping date:** 23 May 2025

Members

Nicolle Faulk (responsible) DP Devin Piedimonte JS Jared Starkey

~~Due on *22 May 2025 5:00 PM* for target *Done*~~ (Was done by Devin Piedimonte at 23 May 2025 2:12 PM)

- [x] Login Clarification needed
- [ ] Chain of custody is incomplete
- [ ] Custody seal not intact
- [ ] Please specify Metals requested
- [ ] Please specify TCLP requested
- [ ] Received additional samples not listed on COC
- [ ] Sample IDs on containers do not match IDs on COC
- [ ] Client did not "X" analysis
- [ ] Chain of Custody is missing
- [ ] If no COC: Received by:_____
- [ ] If no COC: Date/Time:_____
- [ ] If no COC: Temp./Cont.Rec./pH:_____
- [ ] If no COC: Carrier:_____
- [ ] If no COC: Tracking #:_____
- [ ] Client informed by call
- [ ] Client informed by Email
- [ ] Client informed by Voicemail
- [ ] Date/Time:_____
- [ ] PM initials:_____
- [ ] Client Contact:_____

Comments

Nicolle Faulk *22 May 2025 1:34 PM*

Missing page 1 of both RAD and non rad

Jared Starkey *22 May 2025 8:04 PM*

MIssing COC and samples?

Nicolle Faulk *23 May 2025 7:42 AM*

No missing samples, we have everything on the logged pages. The pages are just numbered out of 4 and we only received 2,3,4

Devin Piedimonte *23 May 2025 2:11 PM*

L1861765 received lost page. Added samples.
L1861761 received lost page. Added samples.

Thank you for your time and help. Completed!