ANALYTICAL REPORT

May 26, 2025

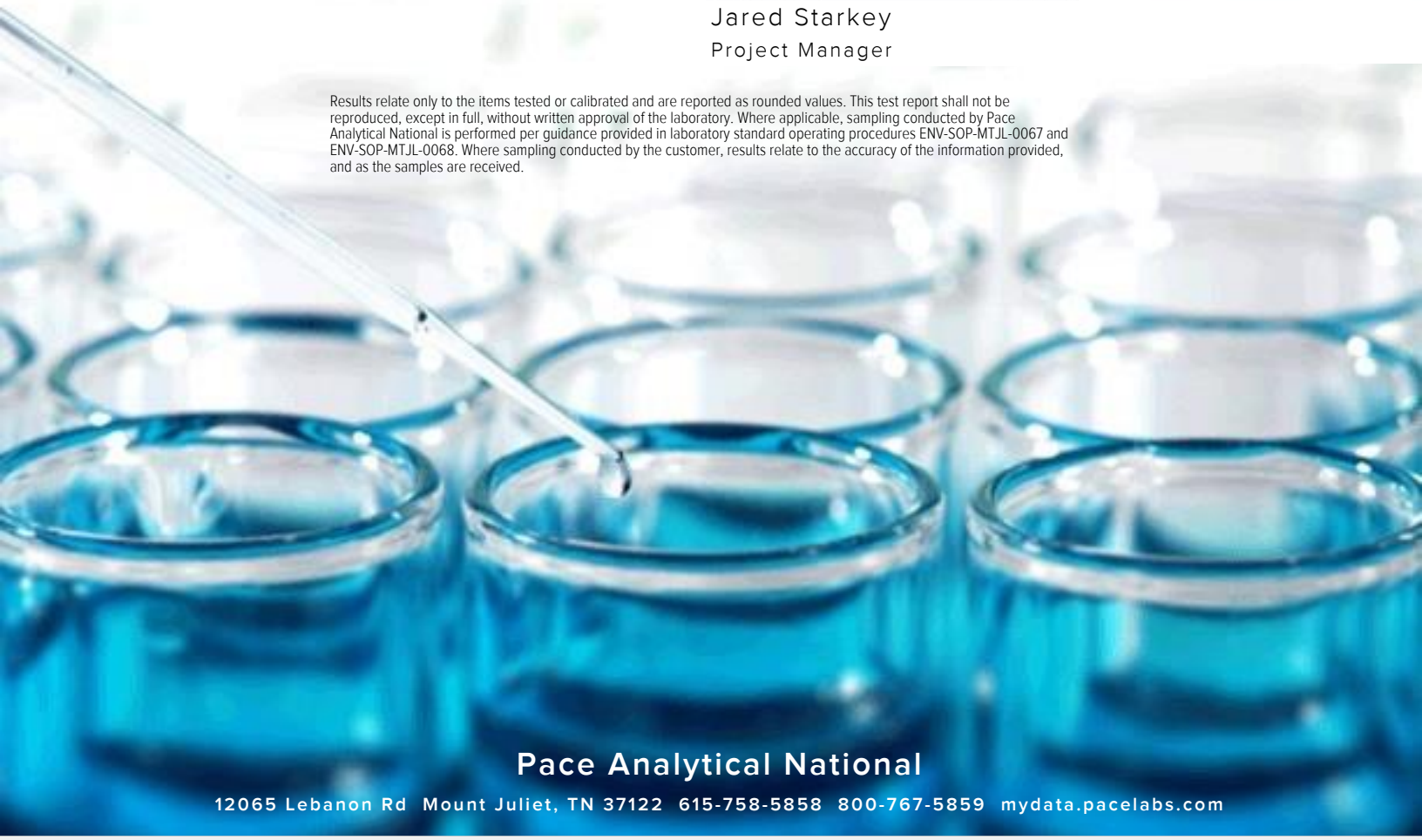
Pace Analytical Services, LLC
2025.05.26 22:07:37 -05'00'
Document is certified

CTEH - ER

Sample Delivery Group:	L1862233
Samples Received:	05/23/2025
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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GACO0521T045-1CRS001 L1862233-01

Collected by: Jonathan Aiker | Collected date/time: 05/21/25 14:20 | Received date/time: 05/23/25 10:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2522255	1	05/23/25 16:22	05/24/25 16:51	ZSA	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG2522027	1	05/23/25 13:01	05/23/25 13:15	KDW	Mt. Juliet, TN
Wet Chemistry by Method 350.1	WG2522296	1	05/23/25 19:03	05/25/25 02:02	RTW	Mt. Juliet, TN
Wet Chemistry by Method 4500NOrg D-2021	WG2522185	5	05/23/25 18:55	05/24/25 12:49	AEC	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2522255	1	05/23/25 16:22	05/24/25 16:51	ZSA	Mt. Juliet, TN
Wet Chemistry by Method WALKLEY-BLACK	WG2522211	10	05/23/25 14:33	05/24/25 17:58	DLS	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2522246	1	05/23/25 15:01	05/24/25 00:42	RLS	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2522246	1	05/23/25 15:01	05/24/25 14:19	RLS	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2522110	1	05/23/25 12:19	05/23/25 16:10	ADM	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2522172	1	05/23/25 14:23	05/23/25 19:31	LS	Mt. Juliet, TN

GACO0521T045-1CRS002 L1862233-02

Collected by: Jonathan Aiker | Collected date/time: 05/21/25 14:35 | Received date/time: 05/23/25 10:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2522243	1	05/23/25 15:55	05/24/25 21:41	ZSA	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG2522027	1	05/23/25 13:01	05/23/25 13:15	KDW	Mt. Juliet, TN
Wet Chemistry by Method 350.1	WG2522300	1	05/23/25 19:00	05/25/25 00:12	RTW	Mt. Juliet, TN
Wet Chemistry by Method 4500NOrg D-2021	WG2522185	5	05/23/25 18:55	05/24/25 12:50	AEC	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2522243	1	05/23/25 15:55	05/24/25 21:41	ZSA	Mt. Juliet, TN
Wet Chemistry by Method WALKLEY-BLACK	WG2522211	5	05/23/25 14:33	05/24/25 17:58	DLS	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2522246	1	05/23/25 15:01	05/24/25 00:43	RLS	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2522246	1	05/23/25 15:01	05/24/25 14:21	RLS	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2522110	1	05/23/25 12:19	05/23/25 16:29	ADM	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2522172	1	05/23/25 14:23	05/23/25 19:10	LS	Mt. Juliet, TN

GACO0521T045-1CRS003 L1862233-03

Collected by: Jonathan Aiker | Collected date/time: 05/21/25 14:50 | Received date/time: 05/23/25 10:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2522255	1	05/23/25 16:22	05/24/25 17:04	ZSA	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG2522027	1	05/23/25 13:01	05/23/25 13:15	KDW	Mt. Juliet, TN
Wet Chemistry by Method 350.1	WG2522300	1	05/23/25 19:00	05/25/25 00:13	RTW	Mt. Juliet, TN
Wet Chemistry by Method 4500NOrg D-2021	WG2522185	5	05/23/25 18:55	05/24/25 12:52	AEC	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2522255	1	05/23/25 16:22	05/24/25 17:04	ZSA	Mt. Juliet, TN
Wet Chemistry by Method WALKLEY-BLACK	WG2522211	10	05/23/25 14:33	05/24/25 17:58	DLS	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2522246	1	05/23/25 15:01	05/24/25 00:45	RLS	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2522246	1	05/23/25 15:01	05/24/25 14:23	RLS	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2522110	1	05/23/25 12:19	05/23/25 16:48	ADM	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2522172	2	05/23/25 14:23	05/24/25 01:40	LS	Mt. Juliet, TN

GACO0521T045-1CRS004 L1862233-04

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

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2522255	1	05/23/25 16:22	05/24/25 17:18	ZSA	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG2522027	1	05/23/25 13:01	05/23/25 13:15	KDW	Mt. Juliet, TN
Wet Chemistry by Method 350.1	WG2522300	1	05/23/25 19:00	05/25/25 00:16	RTW	Mt. Juliet, TN
Wet Chemistry by Method 4500NOrg D-2021	WG2522185	5	05/23/25 18:55	05/24/25 12:52	AEC	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2522255	1	05/23/25 16:22	05/24/25 17:18	ZSA	Mt. Juliet, TN
Wet Chemistry by Method WALKLEY-BLACK	WG2522211	9	05/23/25 14:33	05/24/25 17:58	DLS	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2522246	1	05/23/25 15:01	05/24/25 00:50	RLS	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2522246	1	05/23/25 15:01	05/24/25 14:25	RLS	Mt. Juliet, TN

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

GACO0521T045-1CRS004 L1862233-04

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

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2522110	1	05/23/25 12:19	05/23/25 17:07	ADM	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2522172	2	05/23/25 14:23	05/23/25 23:57	CLG	Mt. Juliet, TN

GACO0521T045-1CRS005 L1862233-05

Collected by: Jonathan Aiker | Collected date/time: 05/21/25 15:30 | Received date/time: 05/23/25 10:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2522255	1	05/23/25 16:22	05/24/25 17:31	ZSA	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG2522027	1	05/23/25 13:01	05/23/25 13:15	KDW	Mt. Juliet, TN
Wet Chemistry by Method 350.1	WG2522300	1	05/23/25 19:00	05/25/25 00:18	RTW	Mt. Juliet, TN
Wet Chemistry by Method 4500NOrg D-2021	WG2522185	5	05/23/25 18:55	05/24/25 12:54	AEC	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2522255	1	05/23/25 16:22	05/24/25 17:31	ZSA	Mt. Juliet, TN
Wet Chemistry by Method WALKLEY-BLACK	WG2522211	5	05/23/25 14:33	05/24/25 17:58	DLS	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2522246	1	05/23/25 15:01	05/24/25 00:52	RLS	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2522246	1	05/23/25 15:01	05/24/25 14:30	RLS	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2522110	1	05/23/25 12:19	05/23/25 17:45	ADM	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2522172	1	05/23/25 14:23	05/23/25 21:14	LS	Mt. Juliet, TN

GACO0521T045-1CRT001 L1862233-06

Collected by: Jonathan Aiker | Collected date/time: 05/21/25 07:00 | Received date/time: 05/23/25 10:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2522013	1	05/23/25 15:00	05/23/25 15:00	NCD	Mt. Juliet, TN

GACO0521T045-1CRS006 L1862233-07

Collected by: Jonathan Aiker | Collected date/time: 05/21/25 15:50 | Received date/time: 05/23/25 10:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2522255	1	05/23/25 16:22	05/24/25 17:45	ZSA	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG2522027	1	05/23/25 13:01	05/23/25 13:15	KDW	Mt. Juliet, TN
Wet Chemistry by Method 350.1	WG2522300	1	05/23/25 19:00	05/25/25 00:19	RTW	Mt. Juliet, TN
Wet Chemistry by Method 4500NOrg D-2021	WG2522185	5	05/23/25 18:55	05/24/25 12:54	AEC	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2522255	1	05/23/25 16:22	05/24/25 17:45	ZSA	Mt. Juliet, TN
Wet Chemistry by Method WALKLEY-BLACK	WG2522211	5	05/23/25 14:33	05/24/25 17:59	DLS	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2522246	1	05/23/25 15:01	05/24/25 00:54	RLS	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2522246	1	05/23/25 15:01	05/24/25 14:32	RLS	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2522110	1	05/23/25 12:19	05/23/25 18:04	ADM	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2522172	1	05/23/25 14:23	05/23/25 18:08	LS	Mt. Juliet, TN

GACO0521T045-1CRS007 L1862233-08

Collected by: Jonathan Aiker | Collected date/time: 05/21/25 16:15 | Received date/time: 05/23/25 10:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2522255	1	05/23/25 16:22	05/24/25 17:58	ZSA	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG2522027	1	05/23/25 13:01	05/23/25 13:15	KDW	Mt. Juliet, TN
Wet Chemistry by Method 350.1	WG2522300	1	05/23/25 19:00	05/25/25 00:21	RTW	Mt. Juliet, TN
Wet Chemistry by Method 4500NOrg D-2021	WG2522185	5	05/23/25 18:55	05/24/25 12:55	AEC	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2522255	1	05/23/25 16:22	05/24/25 17:58	ZSA	Mt. Juliet, TN
Wet Chemistry by Method WALKLEY-BLACK	WG2522211	5	05/23/25 14:33	05/24/25 18:00	DLS	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2522246	1	05/23/25 15:01	05/24/25 00:56	RLS	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2522246	1	05/23/25 15:01	05/24/25 14:34	RLS	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2522110	1	05/23/25 12:19	05/23/25 18:23	ADM	Mt. Juliet, TN

GACO0521T045-1CRS007 L1862233-08

Collected by: Jonathan Aiker | Collected date/time: 05/21/25 16:15 | Received date/time: 05/23/25 10:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2522172	1	05/23/25 14:23	05/23/25 18:29	LS	Mt. Juliet, TN

GACO0521T045-1CRS008 L1862233-09

Collected by: Jonathan Aiker | Collected date/time: 05/21/25 16:30 | Received date/time: 05/23/25 10:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2522255	1	05/23/25 16:22	05/24/25 18:11	ZSA	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG2522027	1	05/23/25 13:01	05/23/25 13:15	KDW	Mt. Juliet, TN
Wet Chemistry by Method 350.1	WG2522300	1	05/23/25 19:00	05/25/25 00:22	RTW	Mt. Juliet, TN
Wet Chemistry by Method 4500NOrg D-2021	WG2522185	5	05/23/25 18:55	05/24/25 12:59	AEC	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2522255	1	05/23/25 16:22	05/24/25 18:11	ZSA	Mt. Juliet, TN
Wet Chemistry by Method WALKLEY-BLACK	WG2522211	5	05/23/25 14:33	05/24/25 18:01	DLS	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2522246	1	05/23/25 15:01	05/24/25 00:58	RLS	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2522246	1	05/23/25 15:01	05/24/25 14:36	RLS	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2522110	1	05/23/25 12:19	05/23/25 18:42	ADM	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2522172	1	05/23/25 14:23	05/23/25 18:50	LS	Mt. Juliet, TN

GACO0521T045-1CRS009 L1862233-10

Collected by: Jonathan Aiker | Collected date/time: 05/21/25 14:20 | Received date/time: 05/23/25 10:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2522255	1	05/23/25 16:22	05/24/25 18:25	ZSA	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG2522027	1	05/23/25 13:01	05/23/25 13:15	KDW	Mt. Juliet, TN
Wet Chemistry by Method 350.1	WG2522300	1	05/23/25 19:00	05/25/25 00:28	RTW	Mt. Juliet, TN
Wet Chemistry by Method 4500NOrg D-2021	WG2522185	5	05/23/25 18:55	05/24/25 13:00	AEC	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2522255	1	05/23/25 16:22	05/24/25 18:25	ZSA	Mt. Juliet, TN
Wet Chemistry by Method WALKLEY-BLACK	WG2522211	5	05/23/25 14:33	05/24/25 18:01	DLS	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2522246	1	05/23/25 15:01	05/24/25 00:33	RLS	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2522246	1	05/23/25 15:01	05/24/25 14:10	RLS	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2522141	1	05/23/25 12:19	05/23/25 19:21	ADM	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2522172	2	05/23/25 14:23	05/24/25 00:18	LS	Mt. Juliet, TN

GACO0521T045-1CRS010 L1862233-11

Collected by: Jonathan Aiker | Collected date/time: 05/21/25 15:40 | Received date/time: 05/23/25 10:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2522255	1	05/23/25 16:22	05/24/25 19:05	ZSA	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG2522027	1	05/23/25 13:01	05/23/25 13:15	KDW	Mt. Juliet, TN
Wet Chemistry by Method 350.1	WG2522300	1	05/23/25 19:00	05/25/25 00:33	RTW	Mt. Juliet, TN
Wet Chemistry by Method 4500NOrg D-2021	WG2522185	5	05/23/25 18:55	05/24/25 13:04	AEC	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2522255	1	05/23/25 16:22	05/24/25 19:05	ZSA	Mt. Juliet, TN
Wet Chemistry by Method WALKLEY-BLACK	WG2522211	10	05/23/25 14:33	05/24/25 18:01	DLS	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2522246	1	05/23/25 15:01	05/24/25 00:59	RLS	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2522246	1	05/23/25 15:01	05/24/25 14:38	RLS	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2522110	1	05/23/25 12:19	05/23/25 19:01	ADM	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2522172	1	05/23/25 14:23	05/23/25 21:55	LS	Mt. Juliet, TN

GACO0521T045-1CRT002 L1862233-12

Collected by: Jonathan Aiker | Collected date/time: 05/21/25 07:00 | Received date/time: 05/23/25 10:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2522013	1	05/23/25 15:20	05/23/25 15:20	NCD	Mt. Juliet, TN

GACO0521T045-1CRS011 L1862233-13

Collected by: Jonathan Aiker | Collected date/time: 05/21/25 15:55 | Received date/time: 05/23/25 10:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2522255	1	05/23/25 16:22	05/24/25 19:18	ZSA	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG2522029	1	05/23/25 12:48	05/23/25 12:59	KDW	Mt. Juliet, TN
Wet Chemistry by Method 350.1	WG2522300	1	05/23/25 19:00	05/25/25 00:36	RTW	Mt. Juliet, TN
Wet Chemistry by Method 4500NOrg D-2021	WG2522185	5	05/23/25 18:55	05/24/25 13:04	AEC	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2522255	1	05/23/25 16:22	05/24/25 19:18	ZSA	Mt. Juliet, TN
Wet Chemistry by Method WALKLEY-BLACK	WG2522211	5	05/23/25 14:33	05/24/25 18:02	DLS	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2522246	1	05/23/25 15:01	05/24/25 01:01	RLS	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2522246	1	05/23/25 15:01	05/24/25 14:40	RLS	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2522141	1	05/23/25 12:19	05/23/25 19:40	ADM	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2522172	1	05/23/25 14:23	05/23/25 19:52	LS	Mt. Juliet, TN

GACO0521T045-1CRS012 L1862233-14

Collected by: Jonathan Aiker | Collected date/time: 05/21/25 16:10 | Received date/time: 05/23/25 10:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2522255	1	05/23/25 16:22	05/24/25 19:59	ZSA	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG2522029	1	05/23/25 12:48	05/23/25 12:59	KDW	Mt. Juliet, TN
Wet Chemistry by Method 350.1	WG2522300	1	05/23/25 19:00	05/25/25 00:37	RTW	Mt. Juliet, TN
Wet Chemistry by Method 4500NOrg D-2021	WG2522185	5	05/23/25 18:55	05/24/25 13:05	AEC	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2522255	10	05/23/25 16:22	05/24/25 19:59	ZSA	Mt. Juliet, TN
Wet Chemistry by Method WALKLEY-BLACK	WG2522211	50	05/23/25 14:33	05/24/25 18:02	DLS	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2522246	1	05/23/25 15:01	05/24/25 01:03	RLS	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2522246	1	05/23/25 15:01	05/24/25 14:42	RLS	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2522141	1	05/23/25 12:19	05/23/25 19:59	ADM	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2522172	1	05/23/25 14:23	05/23/25 20:12	LS	Mt. Juliet, TN

GACO0521T045-1CRS013 L1862233-15

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

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2522255	1	05/23/25 16:22	05/24/25 20:12	ZSA	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG2522029	1	05/23/25 12:48	05/23/25 12:59	KDW	Mt. Juliet, TN
Wet Chemistry by Method 350.1	WG2522300	1	05/23/25 19:00	05/25/25 00:39	RTW	Mt. Juliet, TN
Wet Chemistry by Method 4500NOrg D-2021	WG2522185	5	05/23/25 18:55	05/24/25 13:07	AEC	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2522255	1	05/23/25 16:22	05/24/25 20:12	ZSA	Mt. Juliet, TN
Wet Chemistry by Method WALKLEY-BLACK	WG2522211	5	05/23/25 14:33	05/24/25 18:02	DLS	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2522246	1	05/23/25 15:01	05/24/25 01:05	RLS	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2522246	1	05/23/25 15:01	05/24/25 14:44	RLS	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2522141	1	05/23/25 12:19	05/23/25 20:18	ADM	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2522172	1	05/23/25 14:23	05/23/25 20:33	LS	Mt. Juliet, TN

GACO0521T045-1CRC013 L1862233-16

Collected by: Jonathan Aiker
Collected date/time: 05/21/25 15:00
Received date/time: 05/23/25 10:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2522255	1	05/23/25 16:22	05/24/25 20:27	ZSA	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG2522029	1	05/23/25 12:48	05/23/25 12:59	KDW	Mt. Juliet, TN
Wet Chemistry by Method 350.1	WG2522300	1	05/23/25 19:00	05/25/25 00:40	RTW	Mt. Juliet, TN
Wet Chemistry by Method 4500NOrg D-2021	WG2522185	5	05/23/25 18:55	05/24/25 13:07	AEC	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2522255	1	05/23/25 16:22	05/24/25 20:27	ZSA	Mt. Juliet, TN
Wet Chemistry by Method WALKLEY-BLACK	WG2522211	10	05/23/25 14:33	05/24/25 18:06	DLS	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2522246	1	05/23/25 15:01	05/24/25 01:07	RLS	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2522246	1	05/23/25 15:01	05/24/25 14:45	RLS	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2522141	1	05/23/25 12:19	05/23/25 20:37	ADM	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2522172	1	05/23/25 14:23	05/23/25 20:53	LS	Mt. Juliet, TN

GACO0521T045-1CRT003 L1862233-17

Collected by: Jonathan Aiker
Collected date/time: 05/21/25 07:00
Received date/time: 05/23/25 10:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2522013	1	05/23/25 15:41	05/23/25 15:41	NCD	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 350.1

RPD value not applicable for sample concentrations less than 5 times the reporting limit.

Batch	Lab Sample ID	Analytes
WG2522300	(DUP) R4220229-3, L1862233-03	Ammonia Nitrogen

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
WG2522185	(DUP) R4220075-5	Kjeldahl Nitrogen, TKN

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

Batch	Lab Sample ID	Analytes
WG2522185	(MSD) R4220075-15	Kjeldahl Nitrogen, TKN

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

Batch	Lab Sample ID	Analytes
WG2522185	(MS) R4220075-9, (MSD) R4220075-11, L1862233-10	Kjeldahl Nitrogen, TKN

Wet Chemistry by Method WALKLEY-BLACK

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

Batch	Lab Sample ID	Analytes
WG2522211	(MS) R4220175-7, (MSD) R4220175-8	TOC By Walkley Black

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
WG2522246	(MS) R4220038-5, L1862233-10	Aluminum

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

Batch	Lab Sample ID	Analytes
WG2522246	(MSD) R4220038-6, L1862233-10	Aluminum

Metals (ICP) by Method 6010D

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

Batch	Lab Sample ID	Analytes
WG2522246	(MS) R4220038-5, (MSD) R4220038-6, L1862233-10	Iron

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

Batch	Lab Sample ID	Analytes
WG2522246	(MSD) R4220038-6, L1862233-10	Aluminum and Iron

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
WG2522013	L1862233-06	1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, 1,2-Dibromo-3-Chloropropane and Naphthalene
WG2522013	L1862233-12	1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, 1,2-Dibromo-3-Chloropropane and Naphthalene
WG2522013	L1862233-17	1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, 1,2-Dibromo-3-Chloropropane and Naphthalene

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

Batch	Analyte	Lab Sample ID
WG2522013	Toluene-d8	L1862233-12

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

Batch	Analyte	Lab Sample ID
WG2522141	Toluene-d8	(MSD) R4219938-5

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

Batch	Lab Sample ID	Analytes
WG2522013	(LCS) R4219839-1, (LCSD) R4219839-2, L1862233-06, 12, 17	Bromomethane
WG2522110	(LCS) R4219934-1, (LCSD) R4219934-2, L1862233-01, 02, 03, 04, 05, 07, 08, 09, 11	Acetone, Acrylonitrile and Di-isopropyl ether

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

Batch	Lab Sample ID	Analytes
WG2522110	(LCSD) R4219934-2, L1862233-01, 02, 03, 04, 05, 07, 08, 09, 11	1,2,3-Trichlorobenzene and Acetone
WG2522141	(LCSD) R4219938-2, L1862233-10, 13, 14, 15, 16	1,2,3-Trichlorobenzene, 1,2,3-Trichloropropane, 1,2,4-Trichlorobenzene, 1,2-Dichloroethane, 2-Chlorotoluene, Chloromethane, Hexachloro-1,3-butadiene, p-Isopropyltoluene and Tetrachloroethene

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

Batch	Lab Sample ID	Analytes
WG2522141	(MS) R4219938-4, L1862233-10	1,1-Dichloroethene

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

Batch	Lab Sample ID	Analytes
WG2522110	(MSD) R4219934-5	Acetone
WG2522141	(MSD) R4219938-5, L1862233-10	14 analytes

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
WG2522172	L1862233-01	Hexachlorocyclopentadiene
WG2522172	L1862233-02	Hexachlorocyclopentadiene
WG2522172	L1862233-03	Hexachlorocyclopentadiene
WG2522172	L1862233-04	Hexachlorocyclopentadiene
WG2522172	L1862233-05	Hexachlorocyclopentadiene
WG2522172	L1862233-07	Hexachlorocyclopentadiene
WG2522172	L1862233-08	Hexachlorocyclopentadiene
WG2522172	L1862233-09	Hexachlorocyclopentadiene
WG2522172	L1862233-10	Hexachlorocyclopentadiene
WG2522172	L1862233-11	Hexachlorocyclopentadiene
WG2522172	L1862233-13	Hexachlorocyclopentadiene
WG2522172	L1862233-14	Hexachlorocyclopentadiene
WG2522172	L1862233-15	Hexachlorocyclopentadiene
WG2522172	L1862233-16	Hexachlorocyclopentadiene

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

Batch	Lab Sample ID	Analytes
WG2522172	(MS) R4220043-5, (MS) R4220043-3, (MSD) R4220043-6, (MSD) R4220043-4, L1862233-10	2,4-Dinitrophenol, Benzidine and Hexachlorocyclopentadiene

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

Batch	Lab Sample ID	Analytes
WG2522172	(MSD) R4220043-6, L1862233-10	Bis(2-ethylhexyl)phthalate and Hexachlorocyclopentadiene

Calculated Results

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Total Nitrogen	2210000		22200	1	05/24/2025 16:51	WG2522255

Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	90.2		1	05/23/2025 13:15	WG2522027

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 02:02	WG2522296

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	2190000		111000	5	05/24/2025 12:49	WG2522185

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 16:51	WG2522255

Wet Chemistry by Method WALKLEY-BLACK

Analyte	Result ug/kg	Qualifier	RDL ug/kg	Dilution	Analysis date / time	Batch
TOC By Walkley Black	25400000		1000000	10	05/24/2025 17:58	WG2522211

Metals (ICP) by Method 6010D

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Aluminum	1610000		22200	1	05/24/2025 00:42	WG2522246
Antimony	ND		2220	1	05/24/2025 00:42	WG2522246
Beryllium	ND		222	1	05/24/2025 00:42	WG2522246
Calcium	5800000		111000	1	05/24/2025 00:42	WG2522246
Chromium	2330		1110	1	05/24/2025 00:42	WG2522246
Cobalt	1750		1110	1	05/24/2025 00:42	WG2522246
Iron	3750000		11100	1	05/24/2025 00:42	WG2522246
Magnesium	1150000		111000	1	05/24/2025 00:42	WG2522246
Manganese	125000		1110	1	05/24/2025 00:42	WG2522246
Potassium	1350000		111000	1	05/24/2025 00:42	WG2522246
Sodium	ND		111000	1	05/24/2025 00:42	WG2522246
Thallium	ND		2220	1	05/24/2025 14:19	WG2522246
Vanadium	6390		2220	1	05/24/2025 00:42	WG2522246

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	J3 J4	60.8	1	05/23/2025 16:10	WG2522110
Acrylonitrile	ND	J4	15.2	1	05/23/2025 16:10	WG2522110
Bromobenzene	ND		15.2	1	05/23/2025 16:10	WG2522110
Bromodichloromethane	ND		3.04	1	05/23/2025 16:10	WG2522110
Bromoform	ND		30.4	1	05/23/2025 16:10	WG2522110

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		15.2	1	05/23/2025 16:10	WG2522110
n-Butylbenzene	ND		15.2	1	05/23/2025 16:10	WG2522110
sec-Butylbenzene	ND		15.2	1	05/23/2025 16:10	WG2522110
tert-Butylbenzene	ND		6.08	1	05/23/2025 16:10	WG2522110
Carbon tetrachloride	ND		6.08	1	05/23/2025 16:10	WG2522110
Chlorobenzene	ND		3.04	1	05/23/2025 16:10	WG2522110
Chlorodibromomethane	ND		3.04	1	05/23/2025 16:10	WG2522110
Chloroethane	ND		6.08	1	05/23/2025 16:10	WG2522110
Chloroform	ND		3.04	1	05/23/2025 16:10	WG2522110
Chloromethane	ND		15.2	1	05/23/2025 16:10	WG2522110
2-Chlorotoluene	ND		3.04	1	05/23/2025 16:10	WG2522110
4-Chlorotoluene	ND		6.08	1	05/23/2025 16:10	WG2522110
1,2-Dibromo-3-Chloropropane	ND		30.4	1	05/23/2025 16:10	WG2522110
1,2-Dibromoethane	ND		3.04	1	05/23/2025 16:10	WG2522110
Dibromomethane	ND		6.08	1	05/23/2025 16:10	WG2522110
1,2-Dichlorobenzene	ND		6.08	1	05/23/2025 16:10	WG2522110
1,3-Dichlorobenzene	ND		6.08	1	05/23/2025 16:10	WG2522110
1,4-Dichlorobenzene	ND		6.08	1	05/23/2025 16:10	WG2522110
Dichlorodifluoromethane	ND		6.08	1	05/23/2025 16:10	WG2522110
1,1-Dichloroethane	ND		3.04	1	05/23/2025 16:10	WG2522110
1,2-Dichloroethane	ND		3.04	1	05/23/2025 16:10	WG2522110
1,1-Dichloroethene	ND		3.04	1	05/23/2025 16:10	WG2522110
cis-1,2-Dichloroethene	ND		3.04	1	05/23/2025 16:10	WG2522110
trans-1,2-Dichloroethene	ND		6.08	1	05/23/2025 16:10	WG2522110
1,2-Dichloropropane	ND		6.08	1	05/23/2025 16:10	WG2522110
1,1-Dichloropropene	ND		3.04	1	05/23/2025 16:10	WG2522110
1,3-Dichloropropane	ND		6.08	1	05/23/2025 16:10	WG2522110
cis-1,3-Dichloropropene	ND		3.04	1	05/23/2025 16:10	WG2522110
trans-1,3-Dichloropropene	ND		6.08	1	05/23/2025 16:10	WG2522110
2,2-Dichloropropane	ND		3.04	1	05/23/2025 16:10	WG2522110
Di-isopropyl ether	ND	J4	1.22	1	05/23/2025 16:10	WG2522110
Hexachloro-1,3-butadiene	ND		30.4	1	05/23/2025 16:10	WG2522110
Isopropylbenzene	ND		3.04	1	05/23/2025 16:10	WG2522110
p-Isopropyltoluene	ND		6.08	1	05/23/2025 16:10	WG2522110
2-Butanone (MEK)	ND		122	1	05/23/2025 16:10	WG2522110
Methylene Chloride	ND		30.4	1	05/23/2025 16:10	WG2522110
4-Methyl-2-pentanone (MIBK)	ND		30.4	1	05/23/2025 16:10	WG2522110
Methyl tert-butyl ether	ND		1.22	1	05/23/2025 16:10	WG2522110
n-Propylbenzene	ND		6.08	1	05/23/2025 16:10	WG2522110
Styrene	ND		15.2	1	05/23/2025 16:10	WG2522110
1,1,1,2-Tetrachloroethane	ND		3.04	1	05/23/2025 16:10	WG2522110
1,1,2,2-Tetrachloroethane	ND		3.04	1	05/23/2025 16:10	WG2522110
1,1,2-Trichlorotrifluoroethane	ND		3.04	1	05/23/2025 16:10	WG2522110
Tetrachloroethene	ND		3.04	1	05/23/2025 16:10	WG2522110
1,2,3-Trichlorobenzene	ND	J3	15.2	1	05/23/2025 16:10	WG2522110
1,2,4-Trichlorobenzene	ND		15.2	1	05/23/2025 16:10	WG2522110
1,1,1-Trichloroethane	ND		3.04	1	05/23/2025 16:10	WG2522110
1,1,2-Trichloroethane	ND		3.04	1	05/23/2025 16:10	WG2522110
Trichloroethene	ND		1.22	1	05/23/2025 16:10	WG2522110
Trichlorofluoromethane	ND		3.04	1	05/23/2025 16:10	WG2522110
1,2,3-Trichloropropane	ND		15.2	1	05/23/2025 16:10	WG2522110
1,2,3-Trimethylbenzene	ND		6.08	1	05/23/2025 16:10	WG2522110
Vinyl chloride	ND		3.04	1	05/23/2025 16:10	WG2522110
(S) Toluene-d8	*94.9*		*75.0-131*		*05/23/2025 16:10*	WG2522110
(S) 4-Bromofluorobenzene	*103*		*67.0-138*		*05/23/2025 16:10*	WG2522110
(S) 1,2-Dichloroethane-d4	*103*		*70.0-130*		*05/23/2025 16:10*	WG2522110

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		36.9	1	05/23/2025 19:31	WG2522172
Benzidine	ND		1850	1	05/23/2025 19:31	WG2522172
Benzo(g,h,i)perylene	ND		36.9	1	05/23/2025 19:31	WG2522172
Bis(2-chlorethoxy)methane	ND		369	1	05/23/2025 19:31	WG2522172
Bis(2-chloroethyl)ether	ND		369	1	05/23/2025 19:31	WG2522172
2,2-Oxybis(1-Chloropropane)	ND		369	1	05/23/2025 19:31	WG2522172
4-Bromophenyl-phenylether	ND		369	1	05/23/2025 19:31	WG2522172
2-Chloronaphthalene	ND		36.9	1	05/23/2025 19:31	WG2522172
4-Chlorophenyl-phenylether	ND		369	1	05/23/2025 19:31	WG2522172
1,2-Dichlorobenzene	ND		369	1	05/23/2025 19:31	WG2522172
1,3-Dichlorobenzene	ND		369	1	05/23/2025 19:31	WG2522172
1,4-Dichlorobenzene	ND		369	1	05/23/2025 19:31	WG2522172
3,3-Dichlorobenzidine	ND		369	1	05/23/2025 19:31	WG2522172
2,4-Dinitrotoluene	ND		369	1	05/23/2025 19:31	WG2522172
2,6-Dinitrotoluene	ND		369	1	05/23/2025 19:31	WG2522172
Hexachlorobenzene	ND		369	1	05/23/2025 19:31	WG2522172
Hexachloro-1,3-butadiene	ND		369	1	05/23/2025 19:31	WG2522172
Hexachlorocyclopentadiene	ND	C7	369	1	05/23/2025 19:31	WG2522172
Hexachloroethane	ND		369	1	05/23/2025 19:31	WG2522172
Isophorone	ND		369	1	05/23/2025 19:31	WG2522172
Nitrobenzene	ND		369	1	05/23/2025 19:31	WG2522172
n-Nitrosodimethylamine	ND		369	1	05/23/2025 19:31	WG2522172
n-Nitrosodiphenylamine	ND		369	1	05/23/2025 19:31	WG2522172
n-Nitrosodi-n-propylamine	ND		369	1	05/23/2025 19:31	WG2522172
Phenanthrene	ND		36.9	1	05/23/2025 19:31	WG2522172
Benzylbutyl phthalate	ND		369	1	05/23/2025 19:31	WG2522172
Bis(2-ethylhexyl)phthalate	ND		369	1	05/23/2025 19:31	WG2522172
Di-n-butyl phthalate	ND		369	1	05/23/2025 19:31	WG2522172
Diethyl phthalate	ND		369	1	05/23/2025 19:31	WG2522172
Dimethyl phthalate	ND		369	1	05/23/2025 19:31	WG2522172
Di-n-octyl phthalate	ND		369	1	05/23/2025 19:31	WG2522172
1,2,4-Trichlorobenzene	ND		369	1	05/23/2025 19:31	WG2522172
4-Chloro-3-methylphenol	ND		369	1	05/23/2025 19:31	WG2522172
2-Chlorophenol	ND		369	1	05/23/2025 19:31	WG2522172
2,4-Dichlorophenol	ND		369	1	05/23/2025 19:31	WG2522172
2,4-Dimethylphenol	ND		369	1	05/23/2025 19:31	WG2522172
4,6-Dinitro-2-methylphenol	ND		369	1	05/23/2025 19:31	WG2522172
2,4-Dinitrophenol	ND		369	1	05/23/2025 19:31	WG2522172
2-Nitrophenol	ND		369	1	05/23/2025 19:31	WG2522172
4-Nitrophenol	ND		369	1	05/23/2025 19:31	WG2522172
Pentachlorophenol	ND		369	1	05/23/2025 19:31	WG2522172
Phenol	ND		369	1	05/23/2025 19:31	WG2522172
2,4,6-Trichlorophenol	ND		369	1	05/23/2025 19:31	WG2522172
(S) 2-Fluorophenol	*61.9*		*12.0-120*		*05/23/2025 19:31*	WG2522172
(S) Phenol-d5	*58.6*		*10.0-120*		*05/23/2025 19:31*	WG2522172
(S) Nitrobenzene-d5	*62.1*		*10.0-122*		*05/23/2025 19:31*	WG2522172
(S) 2-Fluorobiphenyl	*54.9*		*15.0-120*		*05/23/2025 19:31*	WG2522172
(S) 2,4,6-Tribromophenol	*66.8*		*10.0-127*		*05/23/2025 19:31*	WG2522172
(S) p-Terphenyl-d14	*60.8*		*10.0-120*		*05/23/2025 19:31*	WG2522172

Calculated Results

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Total Nitrogen	754000		21000	1	05/24/2025 21:41	WG2522243

Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	95.3		1	05/23/2025 13:15	WG2522027

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	05/25/2025 00:12	WG2522300

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	751000		105000	5	05/24/2025 12:50	WG2522185

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	05/24/2025 21:41	WG2522243

Wet Chemistry by Method WALKLEY-BLACK

Analyte	Result ug/kg	Qualifier	RDL ug/kg	Dilution	Analysis date / time	Batch
TOC By Walkley Black	5750000		500000	5	05/24/2025 17:58	WG2522211

Metals (ICP) by Method 6010D

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Aluminum	1820000		21000	1	05/24/2025 00:43	WG2522246
Antimony	ND		2100	1	05/24/2025 00:43	WG2522246
Beryllium	304		210	1	05/24/2025 00:43	WG2522246
Calcium	3750000		105000	1	05/24/2025 00:43	WG2522246
Chromium	1860		1050	1	05/24/2025 00:43	WG2522246
Cobalt	1670		1050	1	05/24/2025 00:43	WG2522246
Iron	3740000		10500	1	05/24/2025 00:43	WG2522246
Magnesium	817000		105000	1	05/24/2025 00:43	WG2522246
Manganese	140000		1050	1	05/24/2025 00:43	WG2522246
Potassium	743000		105000	1	05/24/2025 00:43	WG2522246
Sodium	254000		105000	1	05/24/2025 00:43	WG2522246
Thallium	ND		2100	1	05/24/2025 14:21	WG2522246
Vanadium	6770		2100	1	05/24/2025 00:43	WG2522246

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	J3 J4	54.9	1	05/23/2025 16:29	WG2522110
Acrylonitrile	ND	J4	13.7	1	05/23/2025 16:29	WG2522110
Bromobenzene	ND		13.7	1	05/23/2025 16:29	WG2522110
Bromodichloromethane	ND		2.75	1	05/23/2025 16:29	WG2522110
Bromoform	ND		27.5	1	05/23/2025 16:29	WG2522110

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	05/23/2025 16:29	WG2522110
n-Butylbenzene	ND		13.7	1	05/23/2025 16:29	WG2522110
sec-Butylbenzene	ND		13.7	1	05/23/2025 16:29	WG2522110
tert-Butylbenzene	ND		5.49	1	05/23/2025 16:29	WG2522110
Carbon tetrachloride	ND		5.49	1	05/23/2025 16:29	WG2522110
Chlorobenzene	ND		2.75	1	05/23/2025 16:29	WG2522110
Chlorodibromomethane	ND		2.75	1	05/23/2025 16:29	WG2522110
Chloroethane	ND		5.49	1	05/23/2025 16:29	WG2522110
Chloroform	ND		2.75	1	05/23/2025 16:29	WG2522110
Chloromethane	ND		13.7	1	05/23/2025 16:29	WG2522110
2-Chlorotoluene	ND		2.75	1	05/23/2025 16:29	WG2522110
4-Chlorotoluene	ND		5.49	1	05/23/2025 16:29	WG2522110
1,2-Dibromo-3-Chloropropane	ND		27.5	1	05/23/2025 16:29	WG2522110
1,2-Dibromoethane	ND		2.75	1	05/23/2025 16:29	WG2522110
Dibromomethane	ND		5.49	1	05/23/2025 16:29	WG2522110
1,2-Dichlorobenzene	ND		5.49	1	05/23/2025 16:29	WG2522110
1,3-Dichlorobenzene	ND		5.49	1	05/23/2025 16:29	WG2522110
1,4-Dichlorobenzene	ND		5.49	1	05/23/2025 16:29	WG2522110
Dichlorodifluoromethane	ND		5.49	1	05/23/2025 16:29	WG2522110
1,1-Dichloroethane	ND		2.75	1	05/23/2025 16:29	WG2522110
1,2-Dichloroethane	ND		2.75	1	05/23/2025 16:29	WG2522110
1,1-Dichloroethene	ND		2.75	1	05/23/2025 16:29	WG2522110
cis-1,2-Dichloroethene	ND		2.75	1	05/23/2025 16:29	WG2522110
trans-1,2-Dichloroethene	ND		5.49	1	05/23/2025 16:29	WG2522110
1,2-Dichloropropane	ND		5.49	1	05/23/2025 16:29	WG2522110
1,1-Dichloropropene	ND		2.75	1	05/23/2025 16:29	WG2522110
1,3-Dichloropropane	ND		5.49	1	05/23/2025 16:29	WG2522110
cis-1,3-Dichloropropene	ND		2.75	1	05/23/2025 16:29	WG2522110
trans-1,3-Dichloropropene	ND		5.49	1	05/23/2025 16:29	WG2522110
2,2-Dichloropropane	ND		2.75	1	05/23/2025 16:29	WG2522110
Di-isopropyl ether	ND	J4	1.10	1	05/23/2025 16:29	WG2522110
Hexachloro-1,3-butadiene	ND		27.5	1	05/23/2025 16:29	WG2522110
Isopropylbenzene	ND		2.75	1	05/23/2025 16:29	WG2522110
p-Isopropyltoluene	ND		5.49	1	05/23/2025 16:29	WG2522110
2-Butanone (MEK)	ND		110	1	05/23/2025 16:29	WG2522110
Methylene Chloride	ND		27.5	1	05/23/2025 16:29	WG2522110
4-Methyl-2-pentanone (MIBK)	ND		27.5	1	05/23/2025 16:29	WG2522110
Methyl tert-butyl ether	ND		1.10	1	05/23/2025 16:29	WG2522110
n-Propylbenzene	ND		5.49	1	05/23/2025 16:29	WG2522110
Styrene	ND		13.7	1	05/23/2025 16:29	WG2522110
1,1,1,2-Tetrachloroethane	ND		2.75	1	05/23/2025 16:29	WG2522110
1,1,2,2-Tetrachloroethane	ND		2.75	1	05/23/2025 16:29	WG2522110
1,1,2-Trichlorotrifluoroethane	ND		2.75	1	05/23/2025 16:29	WG2522110
Tetrachloroethene	ND		2.75	1	05/23/2025 16:29	WG2522110
1,2,3-Trichlorobenzene	ND	J3	13.7	1	05/23/2025 16:29	WG2522110
1,2,4-Trichlorobenzene	ND		13.7	1	05/23/2025 16:29	WG2522110
1,1,1-Trichloroethane	ND		2.75	1	05/23/2025 16:29	WG2522110
1,1,2-Trichloroethane	ND		2.75	1	05/23/2025 16:29	WG2522110
Trichloroethene	ND		1.10	1	05/23/2025 16:29	WG2522110
Trichlorofluoromethane	ND		2.75	1	05/23/2025 16:29	WG2522110
1,2,3-Trichloropropane	ND		13.7	1	05/23/2025 16:29	WG2522110
1,2,3-Trimethylbenzene	ND		5.49	1	05/23/2025 16:29	WG2522110
Vinyl chloride	ND		2.75	1	05/23/2025 16:29	WG2522110
(S) Toluene-d8	*95.4*		*75.0-131*		*05/23/2025 16:29*	WG2522110
(S) 4-Bromofluorobenzene	*102*		*67.0-138*		*05/23/2025 16:29*	WG2522110
(S) 1,2-Dichloroethane-d4	*102*		*70.0-130*		*05/23/2025 16:29*	WG2522110

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		34.9	1	05/23/2025 19:10	WG2522172
Benzidine	ND		1750	1	05/23/2025 19:10	WG2522172
Benzo(g,h,i)perylene	ND		34.9	1	05/23/2025 19:10	WG2522172
Bis(2-chlorethoxy)methane	ND		349	1	05/23/2025 19:10	WG2522172
Bis(2-chloroethyl)ether	ND		349	1	05/23/2025 19:10	WG2522172
2,2-Oxybis(1-Chloropropane)	ND		349	1	05/23/2025 19:10	WG2522172
4-Bromophenyl-phenylether	ND		349	1	05/23/2025 19:10	WG2522172
2-Chloronaphthalene	ND		34.9	1	05/23/2025 19:10	WG2522172
4-Chlorophenyl-phenylether	ND		349	1	05/23/2025 19:10	WG2522172
1,2-Dichlorobenzene	ND		349	1	05/23/2025 19:10	WG2522172
1,3-Dichlorobenzene	ND		349	1	05/23/2025 19:10	WG2522172
1,4-Dichlorobenzene	ND		349	1	05/23/2025 19:10	WG2522172
3,3-Dichlorobenzidine	ND		349	1	05/23/2025 19:10	WG2522172
2,4-Dinitrotoluene	ND		349	1	05/23/2025 19:10	WG2522172
2,6-Dinitrotoluene	ND		349	1	05/23/2025 19:10	WG2522172
Hexachlorobenzene	ND		349	1	05/23/2025 19:10	WG2522172
Hexachloro-1,3-butadiene	ND		349	1	05/23/2025 19:10	WG2522172
Hexachlorocyclopentadiene	ND	C7	349	1	05/23/2025 19:10	WG2522172
Hexachloroethane	ND		349	1	05/23/2025 19:10	WG2522172
Isophorone	ND		349	1	05/23/2025 19:10	WG2522172
Nitrobenzene	ND		349	1	05/23/2025 19:10	WG2522172
n-Nitrosodimethylamine	ND		349	1	05/23/2025 19:10	WG2522172
n-Nitrosodiphenylamine	ND		349	1	05/23/2025 19:10	WG2522172
n-Nitrosodi-n-propylamine	ND		349	1	05/23/2025 19:10	WG2522172
Phenanthrene	ND		34.9	1	05/23/2025 19:10	WG2522172
Benzylbutyl phthalate	ND		349	1	05/23/2025 19:10	WG2522172
Bis(2-ethylhexyl)phthalate	ND		349	1	05/23/2025 19:10	WG2522172
Di-n-butyl phthalate	ND		349	1	05/23/2025 19:10	WG2522172
Diethyl phthalate	ND		349	1	05/23/2025 19:10	WG2522172
Dimethyl phthalate	ND		349	1	05/23/2025 19:10	WG2522172
Di-n-octyl phthalate	ND		349	1	05/23/2025 19:10	WG2522172
1,2,4-Trichlorobenzene	ND		349	1	05/23/2025 19:10	WG2522172
4-Chloro-3-methylphenol	ND		349	1	05/23/2025 19:10	WG2522172
2-Chlorophenol	ND		349	1	05/23/2025 19:10	WG2522172
2,4-Dichlorophenol	ND		349	1	05/23/2025 19:10	WG2522172
2,4-Dimethylphenol	ND		349	1	05/23/2025 19:10	WG2522172
4,6-Dinitro-2-methylphenol	ND		349	1	05/23/2025 19:10	WG2522172
2,4-Dinitrophenol	ND		349	1	05/23/2025 19:10	WG2522172
2-Nitrophenol	ND		349	1	05/23/2025 19:10	WG2522172
4-Nitrophenol	ND		349	1	05/23/2025 19:10	WG2522172
Pentachlorophenol	ND		349	1	05/23/2025 19:10	WG2522172
Phenol	ND		349	1	05/23/2025 19:10	WG2522172
2,4,6-Trichlorophenol	ND		349	1	05/23/2025 19:10	WG2522172
(S) 2-Fluorophenol	*57.6*		*12.0-120*		*05/23/2025 19:10*	WG2522172
(S) Phenol-d5	*54.8*		*10.0-120*		*05/23/2025 19:10*	WG2522172
(S) Nitrobenzene-d5	*55.9*		*10.0-122*		*05/23/2025 19:10*	WG2522172
(S) 2-Fluorobiphenyl	*49.5*		*15.0-120*		*05/23/2025 19:10*	WG2522172
(S) 2,4,6-Tribromophenol	*55.4*		*10.0-127*		*05/23/2025 19:10*	WG2522172
(S) p-Terphenyl-d14	*54.9*		*10.0-120*		*05/23/2025 19:10*	WG2522172

Calculated Results

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Total Nitrogen	3160000		22600	1	05/24/2025 17:04	WG2522255

Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	88.6		1	05/23/2025 13:15	WG2522027

Wet Chemistry by Method 350.1

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Ammonia Nitrogen	ND	P1	11300	1	05/25/2025 00:13	WG2522300

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	3070000		113000	5	05/24/2025 12:52	WG2522185

Wet Chemistry by Method 9056A

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	87000		22600	1	05/24/2025 17:04	WG2522255

Wet Chemistry by Method WALKLEY-BLACK

Analyte	Result ug/kg	Qualifier	RDL ug/kg	Dilution	Analysis date / time	Batch
TOC By Walkley Black	70500000		1000000	10	05/24/2025 17:58	WG2522211

Metals (ICP) by Method 6010D

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Aluminum	1470000		22600	1	05/24/2025 00:45	WG2522246
Antimony	ND		2260	1	05/24/2025 00:45	WG2522246
Beryllium	ND		226	1	05/24/2025 00:45	WG2522246
Calcium	5590000		113000	1	05/24/2025 00:45	WG2522246
Chromium	1920		1130	1	05/24/2025 00:45	WG2522246
Cobalt	1550		1130	1	05/24/2025 00:45	WG2522246
Iron	2560000		11300	1	05/24/2025 00:45	WG2522246
Magnesium	1070000		113000	1	05/24/2025 00:45	WG2522246
Manganese	105000		1130	1	05/24/2025 00:45	WG2522246
Potassium	2140000		113000	1	05/24/2025 00:45	WG2522246
Sodium	ND		113000	1	05/24/2025 00:45	WG2522246
Thallium	ND		2260	1	05/24/2025 14:23	WG2522246
Vanadium	5450		2260	1	05/24/2025 00:45	WG2522246

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	J3 J4	63.0	1	05/23/2025 16:48	WG2522110
Acrylonitrile	ND	J4	15.7	1	05/23/2025 16:48	WG2522110
Bromobenzene	ND		15.7	1	05/23/2025 16:48	WG2522110
Bromodichloromethane	ND		3.15	1	05/23/2025 16:48	WG2522110
Bromoform	ND		31.5	1	05/23/2025 16:48	WG2522110

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		15.7	1	05/23/2025 16:48	WG2522110
n-Butylbenzene	ND		15.7	1	05/23/2025 16:48	WG2522110
sec-Butylbenzene	ND		15.7	1	05/23/2025 16:48	WG2522110
tert-Butylbenzene	ND		6.30	1	05/23/2025 16:48	WG2522110
Carbon tetrachloride	ND		6.30	1	05/23/2025 16:48	WG2522110
Chlorobenzene	ND		3.15	1	05/23/2025 16:48	WG2522110
Chlorodibromomethane	ND		3.15	1	05/23/2025 16:48	WG2522110
Chloroethane	ND		6.30	1	05/23/2025 16:48	WG2522110
Chloroform	ND		3.15	1	05/23/2025 16:48	WG2522110
Chloromethane	ND		15.7	1	05/23/2025 16:48	WG2522110
2-Chlorotoluene	ND		3.15	1	05/23/2025 16:48	WG2522110
4-Chlorotoluene	ND		6.30	1	05/23/2025 16:48	WG2522110
1,2-Dibromo-3-Chloropropane	ND		31.5	1	05/23/2025 16:48	WG2522110
1,2-Dibromoethane	ND		3.15	1	05/23/2025 16:48	WG2522110
Dibromomethane	ND		6.30	1	05/23/2025 16:48	WG2522110
1,2-Dichlorobenzene	ND		6.30	1	05/23/2025 16:48	WG2522110
1,3-Dichlorobenzene	ND		6.30	1	05/23/2025 16:48	WG2522110
1,4-Dichlorobenzene	ND		6.30	1	05/23/2025 16:48	WG2522110
Dichlorodifluoromethane	ND		6.30	1	05/23/2025 16:48	WG2522110
1,1-Dichloroethane	ND		3.15	1	05/23/2025 16:48	WG2522110
1,2-Dichloroethane	ND		3.15	1	05/23/2025 16:48	WG2522110
1,1-Dichloroethene	ND		3.15	1	05/23/2025 16:48	WG2522110
cis-1,2-Dichloroethene	ND		3.15	1	05/23/2025 16:48	WG2522110
trans-1,2-Dichloroethene	ND		6.30	1	05/23/2025 16:48	WG2522110
1,2-Dichloropropane	ND		6.30	1	05/23/2025 16:48	WG2522110
1,1-Dichloropropene	ND		3.15	1	05/23/2025 16:48	WG2522110
1,3-Dichloropropane	ND		6.30	1	05/23/2025 16:48	WG2522110
cis-1,3-Dichloropropene	ND		3.15	1	05/23/2025 16:48	WG2522110
trans-1,3-Dichloropropene	ND		6.30	1	05/23/2025 16:48	WG2522110
2,2-Dichloropropane	ND		3.15	1	05/23/2025 16:48	WG2522110
Di-isopropyl ether	ND	J4	1.26	1	05/23/2025 16:48	WG2522110
Hexachloro-1,3-butadiene	ND		31.5	1	05/23/2025 16:48	WG2522110
Isopropylbenzene	ND		3.15	1	05/23/2025 16:48	WG2522110
p-Isopropyltoluene	ND		6.30	1	05/23/2025 16:48	WG2522110
2-Butanone (MEK)	ND		126	1	05/23/2025 16:48	WG2522110
Methylene Chloride	ND		31.5	1	05/23/2025 16:48	WG2522110
4-Methyl-2-pentanone (MIBK)	ND		31.5	1	05/23/2025 16:48	WG2522110
Methyl tert-butyl ether	ND		1.26	1	05/23/2025 16:48	WG2522110
n-Propylbenzene	ND		6.30	1	05/23/2025 16:48	WG2522110
Styrene	ND		15.7	1	05/23/2025 16:48	WG2522110
1,1,1,2-Tetrachloroethane	ND		3.15	1	05/23/2025 16:48	WG2522110
1,1,2,2-Tetrachloroethane	ND		3.15	1	05/23/2025 16:48	WG2522110
1,1,2-Trichlorotrifluoroethane	ND		3.15	1	05/23/2025 16:48	WG2522110
Tetrachloroethene	ND		3.15	1	05/23/2025 16:48	WG2522110
1,2,3-Trichlorobenzene	ND	J3	15.7	1	05/23/2025 16:48	WG2522110
1,2,4-Trichlorobenzene	ND		15.7	1	05/23/2025 16:48	WG2522110
1,1,1-Trichloroethane	ND		3.15	1	05/23/2025 16:48	WG2522110
1,1,2-Trichloroethane	ND		3.15	1	05/23/2025 16:48	WG2522110
Trichloroethene	ND		1.26	1	05/23/2025 16:48	WG2522110
Trichlorofluoromethane	ND		3.15	1	05/23/2025 16:48	WG2522110
1,2,3-Trichloropropane	ND		15.7	1	05/23/2025 16:48	WG2522110
1,2,3-Trimethylbenzene	ND		6.30	1	05/23/2025 16:48	WG2522110
Vinyl chloride	ND		3.15	1	05/23/2025 16:48	WG2522110
(S) Toluene-d8	*93.5*		*75.0-131*		*05/23/2025 16:48*	WG2522110
(S) 4-Bromofluorobenzene	*104*		*67.0-138*		*05/23/2025 16:48*	WG2522110
(S) 1,2-Dichloroethane-d4	*99.9*		*70.0-130*		*05/23/2025 16:48*	WG2522110

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		75.2	2	05/24/2025 01:40	WG2522172
Benzidine	ND		3770	2	05/24/2025 01:40	WG2522172
Benzo(g,h,i)perylene	ND		75.2	2	05/24/2025 01:40	WG2522172
Bis(2-chlorethoxy)methane	ND		752	2	05/24/2025 01:40	WG2522172
Bis(2-chloroethyl)ether	ND		752	2	05/24/2025 01:40	WG2522172
2,2-Oxybis(1-Chloropropane)	ND		752	2	05/24/2025 01:40	WG2522172
4-Bromophenyl-phenylether	ND		752	2	05/24/2025 01:40	WG2522172
2-Chloronaphthalene	ND		75.2	2	05/24/2025 01:40	WG2522172
4-Chlorophenyl-phenylether	ND		752	2	05/24/2025 01:40	WG2522172
1,2-Dichlorobenzene	ND		752	2	05/24/2025 01:40	WG2522172
1,3-Dichlorobenzene	ND		752	2	05/24/2025 01:40	WG2522172
1,4-Dichlorobenzene	ND		752	2	05/24/2025 01:40	WG2522172
3,3-Dichlorobenzidine	ND		752	2	05/24/2025 01:40	WG2522172
2,4-Dinitrotoluene	ND		752	2	05/24/2025 01:40	WG2522172
2,6-Dinitrotoluene	ND		752	2	05/24/2025 01:40	WG2522172
Hexachlorobenzene	ND		752	2	05/24/2025 01:40	WG2522172
Hexachloro-1,3-butadiene	ND		752	2	05/24/2025 01:40	WG2522172
Hexachlorocyclopentadiene	ND	C7	752	2	05/24/2025 01:40	WG2522172
Hexachloroethane	ND		752	2	05/24/2025 01:40	WG2522172
Isophorone	ND		752	2	05/24/2025 01:40	WG2522172
Nitrobenzene	ND		752	2	05/24/2025 01:40	WG2522172
n-Nitrosodimethylamine	ND		752	2	05/24/2025 01:40	WG2522172
n-Nitrosodiphenylamine	ND		752	2	05/24/2025 01:40	WG2522172
n-Nitrosodi-n-propylamine	ND		752	2	05/24/2025 01:40	WG2522172
Phenanthrene	ND		75.2	2	05/24/2025 01:40	WG2522172
Benzylbutyl phthalate	ND		752	2	05/24/2025 01:40	WG2522172
Bis(2-ethylhexyl)phthalate	ND		752	2	05/24/2025 01:40	WG2522172
Di-n-butyl phthalate	ND		752	2	05/24/2025 01:40	WG2522172
Diethyl phthalate	ND		752	2	05/24/2025 01:40	WG2522172
Dimethyl phthalate	ND		752	2	05/24/2025 01:40	WG2522172
Di-n-octyl phthalate	ND		752	2	05/24/2025 01:40	WG2522172
1,2,4-Trichlorobenzene	ND		752	2	05/24/2025 01:40	WG2522172
4-Chloro-3-methylphenol	ND		752	2	05/24/2025 01:40	WG2522172
2-Chlorophenol	ND		752	2	05/24/2025 01:40	WG2522172
2,4-Dichlorophenol	ND		752	2	05/24/2025 01:40	WG2522172
2,4-Dimethylphenol	ND		752	2	05/24/2025 01:40	WG2522172
4,6-Dinitro-2-methylphenol	ND		752	2	05/24/2025 01:40	WG2522172
2,4-Dinitrophenol	ND		752	2	05/24/2025 01:40	WG2522172
2-Nitrophenol	ND		752	2	05/24/2025 01:40	WG2522172
4-Nitrophenol	ND		752	2	05/24/2025 01:40	WG2522172
Pentachlorophenol	ND		752	2	05/24/2025 01:40	WG2522172
Phenol	ND		752	2	05/24/2025 01:40	WG2522172
2,4,6-Trichlorophenol	ND		752	2	05/24/2025 01:40	WG2522172
(S) 2-Fluorophenol	*73.7*		*12.0-120*		*05/24/2025 01:40*	WG2522172
(S) Phenol-d5	*68.9*		*10.0-120*		*05/24/2025 01:40*	WG2522172
(S) Nitrobenzene-d5	*70.8*		*10.0-122*		*05/24/2025 01:40*	WG2522172
(S) 2-Fluorobiphenyl	*65.8*		*15.0-120*		*05/24/2025 01:40*	WG2522172
(S) 2,4,6-Tribromophenol	*82.4*		*10.0-127*		*05/24/2025 01:40*	WG2522172
(S) p-Terphenyl-d14	*70.8*		*10.0-120*		*05/24/2025 01:40*	WG2522172

Sample Narrative:

L1862233-03 WG2522172: 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	2540000		22900	1	05/24/2025 17:18	WG2522255

Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	87.2		1	05/23/2025 13:15	WG2522027

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	05/25/2025 00:16	WG2522300

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	2530000		115000	5	05/24/2025 12:52	WG2522185

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	05/24/2025 17:18	WG2522255

Wet Chemistry by Method WALKLEY-BLACK

Analyte	Result ug/kg	Qualifier	RDL ug/kg	Dilution	Analysis date / time	Batch
TOC By Walkley Black	46600000		900000	9	05/24/2025 17:58	WG2522211

Metals (ICP) by Method 6010D

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Aluminum	2450000		22900	1	05/24/2025 00:50	WG2522246
Antimony	ND		2290	1	05/24/2025 00:50	WG2522246
Beryllium	290		229	1	05/24/2025 00:50	WG2522246
Calcium	4390000		115000	1	05/24/2025 00:50	WG2522246
Chromium	3990		1150	1	05/24/2025 00:50	WG2522246
Cobalt	2520		1150	1	05/24/2025 00:50	WG2522246
Iron	4150000		11500	1	05/24/2025 00:50	WG2522246
Magnesium	1310000		115000	1	05/24/2025 00:50	WG2522246
Manganese	152000		1150	1	05/24/2025 00:50	WG2522246
Potassium	1220000		115000	1	05/24/2025 00:50	WG2522246
Sodium	465000		115000	1	05/24/2025 00:50	WG2522246
Thallium	ND		2290	1	05/24/2025 14:25	WG2522246
Vanadium	8720		2290	1	05/24/2025 00:50	WG2522246

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	J3 J4	64.7	1	05/23/2025 17:07	WG2522110
Acrylonitrile	ND	J4	16.2	1	05/23/2025 17:07	WG2522110
Bromobenzene	ND		16.2	1	05/23/2025 17:07	WG2522110
Bromodichloromethane	ND		3.24	1	05/23/2025 17:07	WG2522110
Bromoform	ND		32.4	1	05/23/2025 17:07	WG2522110

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		16.2	1	05/23/2025 17:07	WG2522110
n-Butylbenzene	ND		16.2	1	05/23/2025 17:07	WG2522110
sec-Butylbenzene	ND		16.2	1	05/23/2025 17:07	WG2522110
tert-Butylbenzene	ND		6.47	1	05/23/2025 17:07	WG2522110
Carbon tetrachloride	ND		6.47	1	05/23/2025 17:07	WG2522110
Chlorobenzene	ND		3.24	1	05/23/2025 17:07	WG2522110
Chlorodibromomethane	ND		3.24	1	05/23/2025 17:07	WG2522110
Chloroethane	ND		6.47	1	05/23/2025 17:07	WG2522110
Chloroform	ND		3.24	1	05/23/2025 17:07	WG2522110
Chloromethane	ND		16.2	1	05/23/2025 17:07	WG2522110
2-Chlorotoluene	ND		3.24	1	05/23/2025 17:07	WG2522110
4-Chlorotoluene	ND		6.47	1	05/23/2025 17:07	WG2522110
1,2-Dibromo-3-Chloropropane	ND		32.4	1	05/23/2025 17:07	WG2522110
1,2-Dibromoethane	ND		3.24	1	05/23/2025 17:07	WG2522110
Dibromomethane	ND		6.47	1	05/23/2025 17:07	WG2522110
1,2-Dichlorobenzene	ND		6.47	1	05/23/2025 17:07	WG2522110
1,3-Dichlorobenzene	ND		6.47	1	05/23/2025 17:07	WG2522110
1,4-Dichlorobenzene	ND		6.47	1	05/23/2025 17:07	WG2522110
Dichlorodifluoromethane	ND		6.47	1	05/23/2025 17:07	WG2522110
1,1-Dichloroethane	ND		3.24	1	05/23/2025 17:07	WG2522110
1,2-Dichloroethane	ND		3.24	1	05/23/2025 17:07	WG2522110
1,1-Dichloroethene	ND		3.24	1	05/23/2025 17:07	WG2522110
cis-1,2-Dichloroethene	ND		3.24	1	05/23/2025 17:07	WG2522110
trans-1,2-Dichloroethene	ND		6.47	1	05/23/2025 17:07	WG2522110
1,2-Dichloropropane	ND		6.47	1	05/23/2025 17:07	WG2522110
1,1-Dichloropropene	ND		3.24	1	05/23/2025 17:07	WG2522110
1,3-Dichloropropane	ND		6.47	1	05/23/2025 17:07	WG2522110
cis-1,3-Dichloropropene	ND		3.24	1	05/23/2025 17:07	WG2522110
trans-1,3-Dichloropropene	ND		6.47	1	05/23/2025 17:07	WG2522110
2,2-Dichloropropane	ND		3.24	1	05/23/2025 17:07	WG2522110
Di-isopropyl ether	ND	J4	1.29	1	05/23/2025 17:07	WG2522110
Hexachloro-1,3-butadiene	ND		32.4	1	05/23/2025 17:07	WG2522110
Isopropylbenzene	ND		3.24	1	05/23/2025 17:07	WG2522110
p-Isopropyltoluene	ND		6.47	1	05/23/2025 17:07	WG2522110
2-Butanone (MEK)	ND		129	1	05/23/2025 17:07	WG2522110
Methylene Chloride	ND		32.4	1	05/23/2025 17:07	WG2522110
4-Methyl-2-pentanone (MIBK)	ND		32.4	1	05/23/2025 17:07	WG2522110
Methyl tert-butyl ether	ND		1.29	1	05/23/2025 17:07	WG2522110
n-Propylbenzene	ND		6.47	1	05/23/2025 17:07	WG2522110
Styrene	ND		16.2	1	05/23/2025 17:07	WG2522110
1,1,1,2-Tetrachloroethane	ND		3.24	1	05/23/2025 17:07	WG2522110
1,1,2,2-Tetrachloroethane	ND		3.24	1	05/23/2025 17:07	WG2522110
1,1,2-Trichlorotrifluoroethane	ND		3.24	1	05/23/2025 17:07	WG2522110
Tetrachloroethene	ND		3.24	1	05/23/2025 17:07	WG2522110
1,2,3-Trichlorobenzene	ND	J3	16.2	1	05/23/2025 17:07	WG2522110
1,2,4-Trichlorobenzene	ND		16.2	1	05/23/2025 17:07	WG2522110
1,1,1-Trichloroethane	ND		3.24	1	05/23/2025 17:07	WG2522110
1,1,2-Trichloroethane	ND		3.24	1	05/23/2025 17:07	WG2522110
Trichloroethene	ND		1.29	1	05/23/2025 17:07	WG2522110
Trichlorofluoromethane	ND		3.24	1	05/23/2025 17:07	WG2522110
1,2,3-Trichloropropane	ND		16.2	1	05/23/2025 17:07	WG2522110
1,2,3-Trimethylbenzene	ND		6.47	1	05/23/2025 17:07	WG2522110
Vinyl chloride	ND		3.24	1	05/23/2025 17:07	WG2522110
(S) Toluene-d8	*96.6*		*75.0-131*		*05/23/2025 17:07*	WG2522110
(S) 4-Bromofluorobenzene	*103*		*67.0-138*		*05/23/2025 17:07*	WG2522110
(S) 1,2-Dichloroethane-d4	*101*		*70.0-130*		*05/23/2025 17:07*	WG2522110

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		76.4	2	05/23/2025 23:57	WG2522172
Benzidine	ND		3830	2	05/23/2025 23:57	WG2522172
Benzo(g,h,i)perylene	ND		76.4	2	05/23/2025 23:57	WG2522172
Bis(2-chlorethoxy)methane	ND		764	2	05/23/2025 23:57	WG2522172
Bis(2-chloroethyl)ether	ND		764	2	05/23/2025 23:57	WG2522172
2,2-Oxybis(1-Chloropropane)	ND		764	2	05/23/2025 23:57	WG2522172
4-Bromophenyl-phenylether	ND		764	2	05/23/2025 23:57	WG2522172
2-Chloronaphthalene	ND		76.4	2	05/23/2025 23:57	WG2522172
4-Chlorophenyl-phenylether	ND		764	2	05/23/2025 23:57	WG2522172
1,2-Dichlorobenzene	ND		764	2	05/23/2025 23:57	WG2522172
1,3-Dichlorobenzene	ND		764	2	05/23/2025 23:57	WG2522172
1,4-Dichlorobenzene	ND		764	2	05/23/2025 23:57	WG2522172
3,3-Dichlorobenzidine	ND		764	2	05/23/2025 23:57	WG2522172
2,4-Dinitrotoluene	ND		764	2	05/23/2025 23:57	WG2522172
2,6-Dinitrotoluene	ND		764	2	05/23/2025 23:57	WG2522172
Hexachlorobenzene	ND		764	2	05/23/2025 23:57	WG2522172
Hexachloro-1,3-butadiene	ND		764	2	05/23/2025 23:57	WG2522172
Hexachlorocyclopentadiene	ND	C7	764	2	05/23/2025 23:57	WG2522172
Hexachloroethane	ND		764	2	05/23/2025 23:57	WG2522172
Isophorone	ND		764	2	05/23/2025 23:57	WG2522172
Nitrobenzene	ND		764	2	05/23/2025 23:57	WG2522172
n-Nitrosodimethylamine	ND		764	2	05/23/2025 23:57	WG2522172
n-Nitrosodiphenylamine	ND		764	2	05/23/2025 23:57	WG2522172
n-Nitrosodi-n-propylamine	ND		764	2	05/23/2025 23:57	WG2522172
Phenanthrene	ND		76.4	2	05/23/2025 23:57	WG2522172
Benzylbutyl phthalate	ND		764	2	05/23/2025 23:57	WG2522172
Bis(2-ethylhexyl)phthalate	ND		764	2	05/23/2025 23:57	WG2522172
Di-n-butyl phthalate	ND		764	2	05/23/2025 23:57	WG2522172
Diethyl phthalate	ND		764	2	05/23/2025 23:57	WG2522172
Dimethyl phthalate	ND		764	2	05/23/2025 23:57	WG2522172
Di-n-octyl phthalate	ND		764	2	05/23/2025 23:57	WG2522172
1,2,4-Trichlorobenzene	ND		764	2	05/23/2025 23:57	WG2522172
4-Chloro-3-methylphenol	ND		764	2	05/23/2025 23:57	WG2522172
2-Chlorophenol	ND		764	2	05/23/2025 23:57	WG2522172
2,4-Dichlorophenol	ND		764	2	05/23/2025 23:57	WG2522172
2,4-Dimethylphenol	ND		764	2	05/23/2025 23:57	WG2522172
4,6-Dinitro-2-methylphenol	ND		764	2	05/23/2025 23:57	WG2522172
2,4-Dinitrophenol	ND		764	2	05/23/2025 23:57	WG2522172
2-Nitrophenol	ND		764	2	05/23/2025 23:57	WG2522172
4-Nitrophenol	ND		764	2	05/23/2025 23:57	WG2522172
Pentachlorophenol	ND		764	2	05/23/2025 23:57	WG2522172
Phenol	ND		764	2	05/23/2025 23:57	WG2522172
2,4,6-Trichlorophenol	ND		764	2	05/23/2025 23:57	WG2522172
(S) 2-Fluorophenol	*73.6*		*12.0-120*		*05/23/2025 23:57*	WG2522172
(S) Phenol-d5	*69.6*		*10.0-120*		*05/23/2025 23:57*	WG2522172
(S) Nitrobenzene-d5	*71.2*		*10.0-122*		*05/23/2025 23:57*	WG2522172
(S) 2-Fluorobiphenyl	*65.6*		*15.0-120*		*05/23/2025 23:57*	WG2522172
(S) 2,4,6-Tribromophenol	*77.4*		*10.0-127*		*05/23/2025 23:57*	WG2522172
(S) p-Terphenyl-d14	*72.1*		*10.0-120*		*05/23/2025 23:57*	WG2522172

Sample Narrative:

L1862233-04 WG2522172: 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	1360000		28500	1	05/24/2025 17:31	WG2522255

Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	70.3		1	05/23/2025 13:15	WG2522027

Wet Chemistry by Method 350.1

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Ammonia Nitrogen	ND		14200	1	05/25/2025 00:18	WG2522300

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	1360000		142000	5	05/24/2025 12:54	WG2522185

Wet Chemistry by Method 9056A

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	ND		28500	1	05/24/2025 17:31	WG2522255

Wet Chemistry by Method WALKLEY-BLACK

Analyte	Result ug/kg	Qualifier	RDL ug/kg	Dilution	Analysis date / time	Batch
TOC By Walkley Black	22600000		500000	5	05/24/2025 17:58	WG2522211

Metals (ICP) by Method 6010D

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Aluminum	1830000		28500	1	05/24/2025 00:52	WG2522246
Antimony	ND		2850	1	05/24/2025 00:52	WG2522246
Beryllium	ND		285	1	05/24/2025 00:52	WG2522246
Calcium	8980000		142000	1	05/24/2025 00:52	WG2522246
Chromium	10500		1420	1	05/24/2025 00:52	WG2522246
Cobalt	2080		1420	1	05/24/2025 00:52	WG2522246
Iron	3480000		14200	1	05/24/2025 00:52	WG2522246
Magnesium	1170000		142000	1	05/24/2025 00:52	WG2522246
Manganese	137000		1420	1	05/24/2025 00:52	WG2522246
Potassium	1210000		142000	1	05/24/2025 00:52	WG2522246
Sodium	ND		142000	1	05/24/2025 00:52	WG2522246
Thallium	ND		2850	1	05/24/2025 14:30	WG2522246
Vanadium	6820		2850	1	05/24/2025 00:52	WG2522246

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	J3 J4	92.4	1	05/23/2025 17:45	WG2522110
Acrylonitrile	ND	J4	23.1	1	05/23/2025 17:45	WG2522110
Bromobenzene	ND		23.1	1	05/23/2025 17:45	WG2522110
Bromodichloromethane	ND		4.62	1	05/23/2025 17:45	WG2522110
Bromoform	ND		46.2	1	05/23/2025 17:45	WG2522110

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		23.1	1	05/23/2025 17:45	WG2522110
n-Butylbenzene	ND		23.1	1	05/23/2025 17:45	WG2522110
sec-Butylbenzene	ND		23.1	1	05/23/2025 17:45	WG2522110
tert-Butylbenzene	ND		9.24	1	05/23/2025 17:45	WG2522110
Carbon tetrachloride	ND		9.24	1	05/23/2025 17:45	WG2522110
Chlorobenzene	ND		4.62	1	05/23/2025 17:45	WG2522110
Chlorodibromomethane	ND		4.62	1	05/23/2025 17:45	WG2522110
Chloroethane	ND		9.24	1	05/23/2025 17:45	WG2522110
Chloroform	ND		4.62	1	05/23/2025 17:45	WG2522110
Chloromethane	ND		23.1	1	05/23/2025 17:45	WG2522110
2-Chlorotoluene	ND		4.62	1	05/23/2025 17:45	WG2522110
4-Chlorotoluene	ND		9.24	1	05/23/2025 17:45	WG2522110
1,2-Dibromo-3-Chloropropane	ND		46.2	1	05/23/2025 17:45	WG2522110
1,2-Dibromoethane	ND		4.62	1	05/23/2025 17:45	WG2522110
Dibromomethane	ND		9.24	1	05/23/2025 17:45	WG2522110
1,2-Dichlorobenzene	ND		9.24	1	05/23/2025 17:45	WG2522110
1,3-Dichlorobenzene	ND		9.24	1	05/23/2025 17:45	WG2522110
1,4-Dichlorobenzene	ND		9.24	1	05/23/2025 17:45	WG2522110
Dichlorodifluoromethane	ND		9.24	1	05/23/2025 17:45	WG2522110
1,1-Dichloroethane	ND		4.62	1	05/23/2025 17:45	WG2522110
1,2-Dichloroethane	ND		4.62	1	05/23/2025 17:45	WG2522110
1,1-Dichloroethene	ND		4.62	1	05/23/2025 17:45	WG2522110
cis-1,2-Dichloroethene	ND		4.62	1	05/23/2025 17:45	WG2522110
trans-1,2-Dichloroethene	ND		9.24	1	05/23/2025 17:45	WG2522110
1,2-Dichloropropane	ND		9.24	1	05/23/2025 17:45	WG2522110
1,1-Dichloropropene	ND		4.62	1	05/23/2025 17:45	WG2522110
1,3-Dichloropropane	ND		9.24	1	05/23/2025 17:45	WG2522110
cis-1,3-Dichloropropene	ND		4.62	1	05/23/2025 17:45	WG2522110
trans-1,3-Dichloropropene	ND		9.24	1	05/23/2025 17:45	WG2522110
2,2-Dichloropropane	ND		4.62	1	05/23/2025 17:45	WG2522110
Di-isopropyl ether	ND	J4	1.85	1	05/23/2025 17:45	WG2522110
Hexachloro-1,3-butadiene	ND		46.2	1	05/23/2025 17:45	WG2522110
Isopropylbenzene	ND		4.62	1	05/23/2025 17:45	WG2522110
p-Isopropyltoluene	ND		9.24	1	05/23/2025 17:45	WG2522110
2-Butanone (MEK)	ND		185	1	05/23/2025 17:45	WG2522110
Methylene Chloride	ND		46.2	1	05/23/2025 17:45	WG2522110
4-Methyl-2-pentanone (MIBK)	ND		46.2	1	05/23/2025 17:45	WG2522110
Methyl tert-butyl ether	ND		1.85	1	05/23/2025 17:45	WG2522110
n-Propylbenzene	ND		9.24	1	05/23/2025 17:45	WG2522110
Styrene	ND		23.1	1	05/23/2025 17:45	WG2522110
1,1,1,2-Tetrachloroethane	ND		4.62	1	05/23/2025 17:45	WG2522110
1,1,2,2-Tetrachloroethane	ND		4.62	1	05/23/2025 17:45	WG2522110
1,1,2-Trichlorotrifluoroethane	ND		4.62	1	05/23/2025 17:45	WG2522110
Tetrachloroethene	ND		4.62	1	05/23/2025 17:45	WG2522110
1,2,3-Trichlorobenzene	ND	J3	23.1	1	05/23/2025 17:45	WG2522110
1,2,4-Trichlorobenzene	ND		23.1	1	05/23/2025 17:45	WG2522110
1,1,1-Trichloroethane	ND		4.62	1	05/23/2025 17:45	WG2522110
1,1,2-Trichloroethane	ND		4.62	1	05/23/2025 17:45	WG2522110
Trichloroethene	ND		1.85	1	05/23/2025 17:45	WG2522110
Trichlorofluoromethane	ND		4.62	1	05/23/2025 17:45	WG2522110
1,2,3-Trichloropropane	ND		23.1	1	05/23/2025 17:45	WG2522110
1,2,3-Trimethylbenzene	ND		9.24	1	05/23/2025 17:45	WG2522110
Vinyl chloride	ND		4.62	1	05/23/2025 17:45	WG2522110
(S) Toluene-d8	*96.4*		*75.0-131*		*05/23/2025 17:45*	WG2522110
(S) 4-Bromofluorobenzene	*103*		*67.0-138*		*05/23/2025 17:45*	WG2522110
(S) 1,2-Dichloroethane-d4	*99.9*		*70.0-130*		*05/23/2025 17:45*	WG2522110

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		47.4	1	05/23/2025 21:14	WG2522172
Benzidine	ND		2380	1	05/23/2025 21:14	WG2522172
Benzo(g,h,i)perylene	ND		47.4	1	05/23/2025 21:14	WG2522172
Bis(2-chlorethoxy)methane	ND		474	1	05/23/2025 21:14	WG2522172
Bis(2-chloroethyl)ether	ND		474	1	05/23/2025 21:14	WG2522172
2,2-Oxybis(1-Chloropropane)	ND		474	1	05/23/2025 21:14	WG2522172
4-Bromophenyl-phenylether	ND		474	1	05/23/2025 21:14	WG2522172
2-Chloronaphthalene	ND		47.4	1	05/23/2025 21:14	WG2522172
4-Chlorophenyl-phenylether	ND		474	1	05/23/2025 21:14	WG2522172
1,2-Dichlorobenzene	ND		474	1	05/23/2025 21:14	WG2522172
1,3-Dichlorobenzene	ND		474	1	05/23/2025 21:14	WG2522172
1,4-Dichlorobenzene	ND		474	1	05/23/2025 21:14	WG2522172
3,3-Dichlorobenzidine	ND		474	1	05/23/2025 21:14	WG2522172
2,4-Dinitrotoluene	ND		474	1	05/23/2025 21:14	WG2522172
2,6-Dinitrotoluene	ND		474	1	05/23/2025 21:14	WG2522172
Hexachlorobenzene	ND		474	1	05/23/2025 21:14	WG2522172
Hexachloro-1,3-butadiene	ND		474	1	05/23/2025 21:14	WG2522172
Hexachlorocyclopentadiene	ND	C7	474	1	05/23/2025 21:14	WG2522172
Hexachloroethane	ND		474	1	05/23/2025 21:14	WG2522172
Isophorone	ND		474	1	05/23/2025 21:14	WG2522172
Nitrobenzene	ND		474	1	05/23/2025 21:14	WG2522172
n-Nitrosodimethylamine	ND		474	1	05/23/2025 21:14	WG2522172
n-Nitrosodiphenylamine	ND		474	1	05/23/2025 21:14	WG2522172
n-Nitrosodi-n-propylamine	ND		474	1	05/23/2025 21:14	WG2522172
Phenanthrene	ND		47.4	1	05/23/2025 21:14	WG2522172
Benzylbutyl phthalate	ND		474	1	05/23/2025 21:14	WG2522172
Bis(2-ethylhexyl)phthalate	ND		474	1	05/23/2025 21:14	WG2522172
Di-n-butyl phthalate	ND		474	1	05/23/2025 21:14	WG2522172
Diethyl phthalate	ND		474	1	05/23/2025 21:14	WG2522172
Dimethyl phthalate	ND		474	1	05/23/2025 21:14	WG2522172
Di-n-octyl phthalate	ND		474	1	05/23/2025 21:14	WG2522172
1,2,4-Trichlorobenzene	ND		474	1	05/23/2025 21:14	WG2522172
4-Chloro-3-methylphenol	ND		474	1	05/23/2025 21:14	WG2522172
2-Chlorophenol	ND		474	1	05/23/2025 21:14	WG2522172
2,4-Dichlorophenol	ND		474	1	05/23/2025 21:14	WG2522172
2,4-Dimethylphenol	ND		474	1	05/23/2025 21:14	WG2522172
4,6-Dinitro-2-methylphenol	ND		474	1	05/23/2025 21:14	WG2522172
2,4-Dinitrophenol	ND		474	1	05/23/2025 21:14	WG2522172
2-Nitrophenol	ND		474	1	05/23/2025 21:14	WG2522172
4-Nitrophenol	ND		474	1	05/23/2025 21:14	WG2522172
Pentachlorophenol	ND		474	1	05/23/2025 21:14	WG2522172
Phenol	ND		474	1	05/23/2025 21:14	WG2522172
2,4,6-Trichlorophenol	ND		474	1	05/23/2025 21:14	WG2522172
(S) 2-Fluorophenol	*69.7*		*12.0-120*		*05/23/2025 21:14*	WG2522172
(S) Phenol-d5	*67.3*		*10.0-120*		*05/23/2025 21:14*	WG2522172
(S) Nitrobenzene-d5	*70.6*		*10.0-122*		*05/23/2025 21:14*	WG2522172
(S) 2-Fluorobiphenyl	*63.1*		*15.0-120*		*05/23/2025 21:14*	WG2522172
(S) 2,4,6-Tribromophenol	*75.3*		*10.0-127*		*05/23/2025 21:14*	WG2522172
(S) p-Terphenyl-d14	*69.1*		*10.0-120*		*05/23/2025 21:14*	WG2522172

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 15:00	WG2522013
Acrolein	ND		50.0	1	05/23/2025 15:00	WG2522013
Acrylonitrile	ND		10.0	1	05/23/2025 15:00	WG2522013
Benzene	ND		1.00	1	05/23/2025 15:00	WG2522013
Bromobenzene	ND		1.00	1	05/23/2025 15:00	WG2522013
Bromodichloromethane	ND		1.00	1	05/23/2025 15:00	WG2522013
Bromoform	ND		1.00	1	05/23/2025 15:00	WG2522013
Bromomethane	ND	J4	5.00	1	05/23/2025 15:00	WG2522013
n-Butylbenzene	ND		1.00	1	05/23/2025 15:00	WG2522013
sec-Butylbenzene	ND		1.00	1	05/23/2025 15:00	WG2522013
tert-Butylbenzene	ND		1.00	1	05/23/2025 15:00	WG2522013
Carbon tetrachloride	ND		1.00	1	05/23/2025 15:00	WG2522013
Chlorobenzene	ND		1.00	1	05/23/2025 15:00	WG2522013
Chlorodibromomethane	ND		1.00	1	05/23/2025 15:00	WG2522013
Chloroethane	ND		5.00	1	05/23/2025 15:00	WG2522013
Chloroform	ND		5.00	1	05/23/2025 15:00	WG2522013
Chloromethane	ND		2.50	1	05/23/2025 15:00	WG2522013
2-Chlorotoluene	ND		1.00	1	05/23/2025 15:00	WG2522013
4-Chlorotoluene	ND		1.00	1	05/23/2025 15:00	WG2522013
1,2-Dibromo-3-Chloropropane	ND	C3	5.00	1	05/23/2025 15:00	WG2522013
1,2-Dibromoethane	ND		1.00	1	05/23/2025 15:00	WG2522013
Dibromomethane	ND		1.00	1	05/23/2025 15:00	WG2522013
1,2-Dichlorobenzene	ND		1.00	1	05/23/2025 15:00	WG2522013
1,3-Dichlorobenzene	ND		1.00	1	05/23/2025 15:00	WG2522013
1,4-Dichlorobenzene	ND		1.00	1	05/23/2025 15:00	WG2522013
Dichlorodifluoromethane	ND		5.00	1	05/23/2025 15:00	WG2522013
1,1-Dichloroethane	ND		1.00	1	05/23/2025 15:00	WG2522013
1,2-Dichloroethane	ND		1.00	1	05/23/2025 15:00	WG2522013
1,1-Dichloroethene	ND		1.00	1	05/23/2025 15:00	WG2522013
cis-1,2-Dichloroethene	ND		1.00	1	05/23/2025 15:00	WG2522013
trans-1,2-Dichloroethene	ND		1.00	1	05/23/2025 15:00	WG2522013
1,2-Dichloropropane	ND		1.00	1	05/23/2025 15:00	WG2522013
1,1-Dichloropropene	ND		1.00	1	05/23/2025 15:00	WG2522013
1,3-Dichloropropane	ND		1.00	1	05/23/2025 15:00	WG2522013
cis-1,3-Dichloropropene	ND		1.00	1	05/23/2025 15:00	WG2522013
trans-1,3-Dichloropropene	ND		1.00	1	05/23/2025 15:00	WG2522013
2,2-Dichloropropane	ND		1.00	1	05/23/2025 15:00	WG2522013
Di-isopropyl ether	ND		1.00	1	05/23/2025 15:00	WG2522013
Ethylbenzene	ND		1.00	1	05/23/2025 15:00	WG2522013
Hexachloro-1,3-butadiene	ND		1.00	1	05/23/2025 15:00	WG2522013
Isopropylbenzene	ND		1.00	1	05/23/2025 15:00	WG2522013
p-Isopropyltoluene	ND		1.00	1	05/23/2025 15:00	WG2522013
2-Butanone (MEK)	ND		10.0	1	05/23/2025 15:00	WG2522013
Methylene Chloride	ND		5.00	1	05/23/2025 15:00	WG2522013
4-Methyl-2-pentanone (MIBK)	ND		10.0	1	05/23/2025 15:00	WG2522013
Methyl tert-butyl ether	ND		1.00	1	05/23/2025 15:00	WG2522013
Naphthalene	ND	C3	5.00	1	05/23/2025 15:00	WG2522013
n-Propylbenzene	ND		1.00	1	05/23/2025 15:00	WG2522013
Styrene	ND		1.00	1	05/23/2025 15:00	WG2522013
1,1,1,2-Tetrachloroethane	ND		1.00	1	05/23/2025 15:00	WG2522013
1,1,2,2-Tetrachloroethane	ND		1.00	1	05/23/2025 15:00	WG2522013
1,1,2-Trichlorotrifluoroethane	ND		1.00	1	05/23/2025 15:00	WG2522013
Tetrachloroethene	ND		1.00	1	05/23/2025 15:00	WG2522013
Toluene	ND		1.00	1	05/23/2025 15:00	WG2522013
1,2,3-Trichlorobenzene	ND	C3	1.00	1	05/23/2025 15:00	WG2522013
1,2,4-Trichlorobenzene	ND	C3	1.00	1	05/23/2025 15:00	WG2522013

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 15:00	WG2522013
1,1,2-Trichloroethane	ND		1.00	1	05/23/2025 15:00	WG2522013
Trichloroethene	ND		1.00	1	05/23/2025 15:00	WG2522013
Trichlorofluoromethane	ND		5.00	1	05/23/2025 15:00	WG2522013
1,2,3-Trichloropropane	ND		2.50	1	05/23/2025 15:00	WG2522013
1,2,4-Trimethylbenzene	ND		1.00	1	05/23/2025 15:00	WG2522013
1,2,3-Trimethylbenzene	ND		1.00	1	05/23/2025 15:00	WG2522013
1,3,5-Trimethylbenzene	ND		1.00	1	05/23/2025 15:00	WG2522013
Vinyl chloride	ND		1.00	1	05/23/2025 15:00	WG2522013
Xylenes, Total	ND		3.00	1	05/23/2025 15:00	WG2522013
(S) Toluene-d8	*110*		*80.0-120*		*05/23/2025 15:00*	WG2522013
(S) 4-Bromofluorobenzene	*95.2*		*77.0-126*		*05/23/2025 15:00*	WG2522013
(S) 1,2-Dichloroethane-d4	*100*		*70.0-130*		*05/23/2025 15:00*	WG2522013

Calculated Results

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Total Nitrogen	603000		24500	1	05/24/2025 17:45	WG2522255

Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	81.5		1	05/23/2025 13:15	WG2522027

Wet Chemistry by Method 350.1

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Ammonia Nitrogen	ND		12300	1	05/25/2025 00:19	WG2522300

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	586000		123000	5	05/24/2025 12:54	WG2522185

Wet Chemistry by Method 9056A

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	ND		24500	1	05/24/2025 17:45	WG2522255

Wet Chemistry by Method WALKLEY-BLACK

Analyte	Result ug/kg	Qualifier	RDL ug/kg	Dilution	Analysis date / time	Batch
TOC By Walkley Black	18000000		500000	5	05/24/2025 17:59	WG2522211

Metals (ICP) by Method 6010D

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Aluminum	3060000		24500	1	05/24/2025 00:54	WG2522246
Antimony	ND		2450	1	05/24/2025 00:54	WG2522246
Beryllium	360		245	1	05/24/2025 00:54	WG2522246
Calcium	8010000		123000	1	05/24/2025 00:54	WG2522246
Chromium	4550		1230	1	05/24/2025 00:54	WG2522246
Cobalt	3160		1230	1	05/24/2025 00:54	WG2522246
Iron	8770000		12300	1	05/24/2025 00:54	WG2522246
Magnesium	1780000		123000	1	05/24/2025 00:54	WG2522246
Manganese	238000		1230	1	05/24/2025 00:54	WG2522246
Potassium	1460000		123000	1	05/24/2025 00:54	WG2522246
Sodium	ND		123000	1	05/24/2025 00:54	WG2522246
Thallium	ND		2450	1	05/24/2025 14:32	WG2522246
Vanadium	11700		2450	1	05/24/2025 00:54	WG2522246

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	J3 J4	72.9	1	05/23/2025 18:04	WG2522110
Acrylonitrile	ND	J4	18.2	1	05/23/2025 18:04	WG2522110
Bromobenzene	ND		18.2	1	05/23/2025 18:04	WG2522110
Bromodichloromethane	ND		3.64	1	05/23/2025 18:04	WG2522110
Bromoform	ND		36.4	1	05/23/2025 18:04	WG2522110

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		18.2	1	05/23/2025 18:04	WG2522110
n-Butylbenzene	ND		18.2	1	05/23/2025 18:04	WG2522110
sec-Butylbenzene	ND		18.2	1	05/23/2025 18:04	WG2522110
tert-Butylbenzene	ND		7.29	1	05/23/2025 18:04	WG2522110
Carbon tetrachloride	ND		7.29	1	05/23/2025 18:04	WG2522110
Chlorobenzene	ND		3.64	1	05/23/2025 18:04	WG2522110
Chlorodibromomethane	ND		3.64	1	05/23/2025 18:04	WG2522110
Chloroethane	ND		7.29	1	05/23/2025 18:04	WG2522110
Chloroform	ND		3.64	1	05/23/2025 18:04	WG2522110
Chloromethane	ND		18.2	1	05/23/2025 18:04	WG2522110
2-Chlorotoluene	ND		3.64	1	05/23/2025 18:04	WG2522110
4-Chlorotoluene	ND		7.29	1	05/23/2025 18:04	WG2522110
1,2-Dibromo-3-Chloropropane	ND		36.4	1	05/23/2025 18:04	WG2522110
1,2-Dibromoethane	ND		3.64	1	05/23/2025 18:04	WG2522110
Dibromomethane	ND		7.29	1	05/23/2025 18:04	WG2522110
1,2-Dichlorobenzene	ND		7.29	1	05/23/2025 18:04	WG2522110
1,3-Dichlorobenzene	ND		7.29	1	05/23/2025 18:04	WG2522110
1,4-Dichlorobenzene	ND		7.29	1	05/23/2025 18:04	WG2522110
Dichlorodifluoromethane	ND		7.29	1	05/23/2025 18:04	WG2522110
1,1-Dichloroethane	ND		3.64	1	05/23/2025 18:04	WG2522110
1,2-Dichloroethane	ND		3.64	1	05/23/2025 18:04	WG2522110
1,1-Dichloroethene	ND		3.64	1	05/23/2025 18:04	WG2522110
cis-1,2-Dichloroethene	ND		3.64	1	05/23/2025 18:04	WG2522110
trans-1,2-Dichloroethene	ND		7.29	1	05/23/2025 18:04	WG2522110
1,2-Dichloropropane	ND		7.29	1	05/23/2025 18:04	WG2522110
1,1-Dichloropropene	ND		3.64	1	05/23/2025 18:04	WG2522110
1,3-Dichloropropane	ND		7.29	1	05/23/2025 18:04	WG2522110
cis-1,3-Dichloropropene	ND		3.64	1	05/23/2025 18:04	WG2522110
trans-1,3-Dichloropropene	ND		7.29	1	05/23/2025 18:04	WG2522110
2,2-Dichloropropane	ND		3.64	1	05/23/2025 18:04	WG2522110
Di-isopropyl ether	ND	J4	1.46	1	05/23/2025 18:04	WG2522110
Hexachloro-1,3-butadiene	ND		36.4	1	05/23/2025 18:04	WG2522110
Isopropylbenzene	ND		3.64	1	05/23/2025 18:04	WG2522110
p-Isopropyltoluene	ND		7.29	1	05/23/2025 18:04	WG2522110
2-Butanone (MEK)	ND		146	1	05/23/2025 18:04	WG2522110
Methylene Chloride	ND		36.4	1	05/23/2025 18:04	WG2522110
4-Methyl-2-pentanone (MIBK)	ND		36.4	1	05/23/2025 18:04	WG2522110
Methyl tert-butyl ether	ND		1.46	1	05/23/2025 18:04	WG2522110
n-Propylbenzene	ND		7.29	1	05/23/2025 18:04	WG2522110
Styrene	ND		18.2	1	05/23/2025 18:04	WG2522110
1,1,1,2-Tetrachloroethane	ND		3.64	1	05/23/2025 18:04	WG2522110
1,1,2,2-Tetrachloroethane	ND		3.64	1	05/23/2025 18:04	WG2522110
1,1,2-Trichlorotrifluoroethane	ND		3.64	1	05/23/2025 18:04	WG2522110
Tetrachloroethene	ND		3.64	1	05/23/2025 18:04	WG2522110
1,2,3-Trichlorobenzene	ND	J3	18.2	1	05/23/2025 18:04	WG2522110
1,2,4-Trichlorobenzene	ND		18.2	1	05/23/2025 18:04	WG2522110
1,1,1-Trichloroethane	ND		3.64	1	05/23/2025 18:04	WG2522110
1,1,2-Trichloroethane	ND		3.64	1	05/23/2025 18:04	WG2522110
Trichloroethene	ND		1.46	1	05/23/2025 18:04	WG2522110
Trichlorofluoromethane	ND		3.64	1	05/23/2025 18:04	WG2522110
1,2,3-Trichloropropane	ND		18.2	1	05/23/2025 18:04	WG2522110
1,2,3-Trimethylbenzene	ND		7.29	1	05/23/2025 18:04	WG2522110
Vinyl chloride	ND		3.64	1	05/23/2025 18:04	WG2522110
(S) Toluene-d8	*96.3*		*75.0-131*		*05/23/2025 18:04*	WG2522110
(S) 4-Bromofluorobenzene	*105*		*67.0-138*		*05/23/2025 18:04*	WG2522110
(S) 1,2-Dichloroethane-d4	*103*		*70.0-130*		*05/23/2025 18:04*	WG2522110

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		40.9	1	05/23/2025 18:08	WG2522172
Benzidine	ND		2050	1	05/23/2025 18:08	WG2522172
Benzo(g,h,i)perylene	ND		40.9	1	05/23/2025 18:08	WG2522172
Bis(2-chlorethoxy)methane	ND		409	1	05/23/2025 18:08	WG2522172
Bis(2-chloroethyl)ether	ND		409	1	05/23/2025 18:08	WG2522172
2,2-Oxybis(1-Chloropropane)	ND		409	1	05/23/2025 18:08	WG2522172
4-Bromophenyl-phenylether	ND		409	1	05/23/2025 18:08	WG2522172
2-Chloronaphthalene	ND		40.9	1	05/23/2025 18:08	WG2522172
4-Chlorophenyl-phenylether	ND		409	1	05/23/2025 18:08	WG2522172
1,2-Dichlorobenzene	ND		409	1	05/23/2025 18:08	WG2522172
1,3-Dichlorobenzene	ND		409	1	05/23/2025 18:08	WG2522172
1,4-Dichlorobenzene	ND		409	1	05/23/2025 18:08	WG2522172
3,3-Dichlorobenzidine	ND		409	1	05/23/2025 18:08	WG2522172
2,4-Dinitrotoluene	ND		409	1	05/23/2025 18:08	WG2522172
2,6-Dinitrotoluene	ND		409	1	05/23/2025 18:08	WG2522172
Hexachlorobenzene	ND		409	1	05/23/2025 18:08	WG2522172
Hexachloro-1,3-butadiene	ND		409	1	05/23/2025 18:08	WG2522172
Hexachlorocyclopentadiene	ND	C7	409	1	05/23/2025 18:08	WG2522172
Hexachloroethane	ND		409	1	05/23/2025 18:08	WG2522172
Isophorone	ND		409	1	05/23/2025 18:08	WG2522172
Nitrobenzene	ND		409	1	05/23/2025 18:08	WG2522172
n-Nitrosodimethylamine	ND		409	1	05/23/2025 18:08	WG2522172
n-Nitrosodiphenylamine	ND		409	1	05/23/2025 18:08	WG2522172
n-Nitrosodi-n-propylamine	ND		409	1	05/23/2025 18:08	WG2522172
Phenanthrene	ND		40.9	1	05/23/2025 18:08	WG2522172
Benzylbutyl phthalate	ND		409	1	05/23/2025 18:08	WG2522172
Bis(2-ethylhexyl)phthalate	ND		409	1	05/23/2025 18:08	WG2522172
Di-n-butyl phthalate	ND		409	1	05/23/2025 18:08	WG2522172
Diethyl phthalate	ND		409	1	05/23/2025 18:08	WG2522172
Dimethyl phthalate	ND		409	1	05/23/2025 18:08	WG2522172
Di-n-octyl phthalate	ND		409	1	05/23/2025 18:08	WG2522172
1,2,4-Trichlorobenzene	ND		409	1	05/23/2025 18:08	WG2522172
4-Chloro-3-methylphenol	ND		409	1	05/23/2025 18:08	WG2522172
2-Chlorophenol	ND		409	1	05/23/2025 18:08	WG2522172
2,4-Dichlorophenol	ND		409	1	05/23/2025 18:08	WG2522172
2,4-Dimethylphenol	ND		409	1	05/23/2025 18:08	WG2522172
4,6-Dinitro-2-methylphenol	ND		409	1	05/23/2025 18:08	WG2522172
2,4-Dinitrophenol	ND		409	1	05/23/2025 18:08	WG2522172
2-Nitrophenol	ND		409	1	05/23/2025 18:08	WG2522172
4-Nitrophenol	ND		409	1	05/23/2025 18:08	WG2522172
Pentachlorophenol	ND		409	1	05/23/2025 18:08	WG2522172
Phenol	ND		409	1	05/23/2025 18:08	WG2522172
2,4,6-Trichlorophenol	ND		409	1	05/23/2025 18:08	WG2522172
(S) 2-Fluorophenol	*72.2*		*12.0-120*		*05/23/2025 18:08*	WG2522172
(S) Phenol-d5	*70.1*		*10.0-120*		*05/23/2025 18:08*	WG2522172
(S) Nitrobenzene-d5	*69.1*		*10.0-122*		*05/23/2025 18:08*	WG2522172
(S) 2-Fluorobiphenyl	*64.5*		*15.0-120*		*05/23/2025 18:08*	WG2522172
(S) 2,4,6-Tribromophenol	*77.0*		*10.0-127*		*05/23/2025 18:08*	WG2522172
(S) p-Terphenyl-d14	*72.2*		*10.0-120*		*05/23/2025 18:08*	WG2522172

Calculated Results

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Total Nitrogen	591000		21700	1	05/24/2025 17:58	WG2522255

Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	92.3		1	05/23/2025 13:15	WG2522027

Wet Chemistry by Method 350.1

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Ammonia Nitrogen	ND		10800	1	05/25/2025 00:21	WG2522300

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	573000		108000	5	05/24/2025 12:55	WG2522185

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	05/24/2025 17:58	WG2522255

Wet Chemistry by Method WALKLEY-BLACK

Analyte	Result ug/kg	Qualifier	RDL ug/kg	Dilution	Analysis date / time	Batch
TOC By Walkley Black	37600000		500000	5	05/24/2025 18:00	WG2522211

Metals (ICP) by Method 6010D

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Aluminum	3190000		21700	1	05/24/2025 00:56	WG2522246
Antimony	ND		2170	1	05/24/2025 00:56	WG2522246
Beryllium	412		217	1	05/24/2025 00:56	WG2522246
Calcium	20000000		108000	1	05/24/2025 00:56	WG2522246
Chromium	3280		1080	1	05/24/2025 00:56	WG2522246
Cobalt	3670		1080	1	05/24/2025 00:56	WG2522246
Iron	12400000		10800	1	05/24/2025 00:56	WG2522246
Magnesium	2020000		108000	1	05/24/2025 00:56	WG2522246
Manganese	394000		1080	1	05/24/2025 00:56	WG2522246
Potassium	999000		108000	1	05/24/2025 00:56	WG2522246
Sodium	126000		108000	1	05/24/2025 00:56	WG2522246
Thallium	ND		2170	1	05/24/2025 14:34	WG2522246
Vanadium	12700		2170	1	05/24/2025 00:56	WG2522246

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	J3 J4	58.4	1	05/23/2025 18:23	WG2522110
Acrylonitrile	ND	J4	14.6	1	05/23/2025 18:23	WG2522110
Bromobenzene	ND		14.6	1	05/23/2025 18:23	WG2522110
Bromodichloromethane	ND		2.92	1	05/23/2025 18:23	WG2522110
Bromoform	ND		29.2	1	05/23/2025 18:23	WG2522110

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	05/23/2025 18:23	WG2522110
n-Butylbenzene	ND		14.6	1	05/23/2025 18:23	WG2522110
sec-Butylbenzene	ND		14.6	1	05/23/2025 18:23	WG2522110
tert-Butylbenzene	ND		5.84	1	05/23/2025 18:23	WG2522110
Carbon tetrachloride	ND		5.84	1	05/23/2025 18:23	WG2522110
Chlorobenzene	ND		2.92	1	05/23/2025 18:23	WG2522110
Chlorodibromomethane	ND		2.92	1	05/23/2025 18:23	WG2522110
Chloroethane	ND		5.84	1	05/23/2025 18:23	WG2522110
Chloroform	ND		2.92	1	05/23/2025 18:23	WG2522110
Chloromethane	ND		14.6	1	05/23/2025 18:23	WG2522110
2-Chlorotoluene	ND		2.92	1	05/23/2025 18:23	WG2522110
4-Chlorotoluene	ND		5.84	1	05/23/2025 18:23	WG2522110
1,2-Dibromo-3-Chloropropane	ND		29.2	1	05/23/2025 18:23	WG2522110
1,2-Dibromoethane	ND		2.92	1	05/23/2025 18:23	WG2522110
Dibromomethane	ND		5.84	1	05/23/2025 18:23	WG2522110
1,2-Dichlorobenzene	ND		5.84	1	05/23/2025 18:23	WG2522110
1,3-Dichlorobenzene	ND		5.84	1	05/23/2025 18:23	WG2522110
1,4-Dichlorobenzene	ND		5.84	1	05/23/2025 18:23	WG2522110
Dichlorodifluoromethane	ND		5.84	1	05/23/2025 18:23	WG2522110
1,1-Dichloroethane	ND		2.92	1	05/23/2025 18:23	WG2522110
1,2-Dichloroethane	ND		2.92	1	05/23/2025 18:23	WG2522110
1,1-Dichloroethene	ND		2.92	1	05/23/2025 18:23	WG2522110
cis-1,2-Dichloroethene	ND		2.92	1	05/23/2025 18:23	WG2522110
trans-1,2-Dichloroethene	ND		5.84	1	05/23/2025 18:23	WG2522110
1,2-Dichloropropane	ND		5.84	1	05/23/2025 18:23	WG2522110
1,1-Dichloropropene	ND		2.92	1	05/23/2025 18:23	WG2522110
1,3-Dichloropropane	ND		5.84	1	05/23/2025 18:23	WG2522110
cis-1,3-Dichloropropene	ND		2.92	1	05/23/2025 18:23	WG2522110
trans-1,3-Dichloropropene	ND		5.84	1	05/23/2025 18:23	WG2522110
2,2-Dichloropropane	ND		2.92	1	05/23/2025 18:23	WG2522110
Di-isopropyl ether	ND	J4	1.17	1	05/23/2025 18:23	WG2522110
Hexachloro-1,3-butadiene	ND		29.2	1	05/23/2025 18:23	WG2522110
Isopropylbenzene	ND		2.92	1	05/23/2025 18:23	WG2522110
p-Isopropyltoluene	ND		5.84	1	05/23/2025 18:23	WG2522110
2-Butanone (MEK)	ND		117	1	05/23/2025 18:23	WG2522110
Methylene Chloride	ND		29.2	1	05/23/2025 18:23	WG2522110
4-Methyl-2-pentanone (MIBK)	ND		29.2	1	05/23/2025 18:23	WG2522110
Methyl tert-butyl ether	ND		1.17	1	05/23/2025 18:23	WG2522110
n-Propylbenzene	ND		5.84	1	05/23/2025 18:23	WG2522110
Styrene	ND		14.6	1	05/23/2025 18:23	WG2522110
1,1,1,2-Tetrachloroethane	ND		2.92	1	05/23/2025 18:23	WG2522110
1,1,2,2-Tetrachloroethane	ND		2.92	1	05/23/2025 18:23	WG2522110
1,1,2-Trichlorotrifluoroethane	ND		2.92	1	05/23/2025 18:23	WG2522110
Tetrachloroethene	ND		2.92	1	05/23/2025 18:23	WG2522110
1,2,3-Trichlorobenzene	ND	J3	14.6	1	05/23/2025 18:23	WG2522110
1,2,4-Trichlorobenzene	ND		14.6	1	05/23/2025 18:23	WG2522110
1,1,1-Trichloroethane	ND		2.92	1	05/23/2025 18:23	WG2522110
1,1,2-Trichloroethane	ND		2.92	1	05/23/2025 18:23	WG2522110
Trichloroethene	ND		1.17	1	05/23/2025 18:23	WG2522110
Trichlorofluoromethane	ND		2.92	1	05/23/2025 18:23	WG2522110
1,2,3-Trichloropropane	ND		14.6	1	05/23/2025 18:23	WG2522110
1,2,3-Trimethylbenzene	ND		5.84	1	05/23/2025 18:23	WG2522110
Vinyl chloride	ND		2.92	1	05/23/2025 18:23	WG2522110
(S) Toluene-d8	*96.3*		*75.0-131*		*05/23/2025 18:23*	WG2522110
(S) 4-Bromofluorobenzene	*104*		*67.0-138*		*05/23/2025 18:23*	WG2522110
(S) 1,2-Dichloroethane-d4	*104*		*70.0-130*		*05/23/2025 18:23*	WG2522110

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		36.1	1	05/23/2025 18:29	WG2522172
Benzidine	ND		1810	1	05/23/2025 18:29	WG2522172
Benzo(g,h,i)perylene	ND		36.1	1	05/23/2025 18:29	WG2522172
Bis(2-chlorethoxy)methane	ND		361	1	05/23/2025 18:29	WG2522172
Bis(2-chloroethyl)ether	ND		361	1	05/23/2025 18:29	WG2522172
2,2-Oxybis(1-Chloropropane)	ND		361	1	05/23/2025 18:29	WG2522172
4-Bromophenyl-phenylether	ND		361	1	05/23/2025 18:29	WG2522172
2-Chloronaphthalene	ND		36.1	1	05/23/2025 18:29	WG2522172
4-Chlorophenyl-phenylether	ND		361	1	05/23/2025 18:29	WG2522172
1,2-Dichlorobenzene	ND		361	1	05/23/2025 18:29	WG2522172
1,3-Dichlorobenzene	ND		361	1	05/23/2025 18:29	WG2522172
1,4-Dichlorobenzene	ND		361	1	05/23/2025 18:29	WG2522172
3,3-Dichlorobenzidine	ND		361	1	05/23/2025 18:29	WG2522172
2,4-Dinitrotoluene	ND		361	1	05/23/2025 18:29	WG2522172
2,6-Dinitrotoluene	ND		361	1	05/23/2025 18:29	WG2522172
Hexachlorobenzene	ND		361	1	05/23/2025 18:29	WG2522172
Hexachloro-1,3-butadiene	ND		361	1	05/23/2025 18:29	WG2522172
Hexachlorocyclopentadiene	ND	C7	361	1	05/23/2025 18:29	WG2522172
Hexachloroethane	ND		361	1	05/23/2025 18:29	WG2522172
Isophorone	ND		361	1	05/23/2025 18:29	WG2522172
Nitrobenzene	ND		361	1	05/23/2025 18:29	WG2522172
n-Nitrosodimethylamine	ND		361	1	05/23/2025 18:29	WG2522172
n-Nitrosodiphenylamine	ND		361	1	05/23/2025 18:29	WG2522172
n-Nitrosodi-n-propylamine	ND		361	1	05/23/2025 18:29	WG2522172
Phenanthrene	ND		36.1	1	05/23/2025 18:29	WG2522172
Benzylbutyl phthalate	ND		361	1	05/23/2025 18:29	WG2522172
Bis(2-ethylhexyl)phthalate	ND		361	1	05/23/2025 18:29	WG2522172
Di-n-butyl phthalate	ND		361	1	05/23/2025 18:29	WG2522172
Diethyl phthalate	ND		361	1	05/23/2025 18:29	WG2522172
Dimethyl phthalate	ND		361	1	05/23/2025 18:29	WG2522172
Di-n-octyl phthalate	ND		361	1	05/23/2025 18:29	WG2522172
1,2,4-Trichlorobenzene	ND		361	1	05/23/2025 18:29	WG2522172
4-Chloro-3-methylphenol	ND		361	1	05/23/2025 18:29	WG2522172
2-Chlorophenol	ND		361	1	05/23/2025 18:29	WG2522172
2,4-Dichlorophenol	ND		361	1	05/23/2025 18:29	WG2522172
2,4-Dimethylphenol	ND		361	1	05/23/2025 18:29	WG2522172
4,6-Dinitro-2-methylphenol	ND		361	1	05/23/2025 18:29	WG2522172
2,4-Dinitrophenol	ND		361	1	05/23/2025 18:29	WG2522172
2-Nitrophenol	ND		361	1	05/23/2025 18:29	WG2522172
4-Nitrophenol	ND		361	1	05/23/2025 18:29	WG2522172
Pentachlorophenol	ND		361	1	05/23/2025 18:29	WG2522172
Phenol	ND		361	1	05/23/2025 18:29	WG2522172
2,4,6-Trichlorophenol	ND		361	1	05/23/2025 18:29	WG2522172
(S) 2-Fluorophenol	*82.4*		*12.0-120*		*05/23/2025 18:29*	WG2522172
(S) Phenol-d5	*79.1*		*10.0-120*		*05/23/2025 18:29*	WG2522172
(S) Nitrobenzene-d5	*76.9*		*10.0-122*		*05/23/2025 18:29*	WG2522172
(S) 2-Fluorobiphenyl	*73.2*		*15.0-120*		*05/23/2025 18:29*	WG2522172
(S) 2,4,6-Tribromophenol	*79.8*		*10.0-127*		*05/23/2025 18:29*	WG2522172
(S) p-Terphenyl-d14	*79.1*		*10.0-120*		*05/23/2025 18:29*	WG2522172

Calculated Results

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Total Nitrogen	591000		25800	1	05/24/2025 18:11	WG2522255

Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	77.5		1	05/23/2025 13:15	WG2522027

Wet Chemistry by Method 350.1

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Ammonia Nitrogen	ND		12900	1	05/25/2025 00:22	WG2522300

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	590000		129000	5	05/24/2025 12:59	WG2522185

Wet Chemistry by Method 9056A

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	ND		25800	1	05/24/2025 18:11	WG2522255

Wet Chemistry by Method WALKLEY-BLACK

Analyte	Result ug/kg	Qualifier	RDL ug/kg	Dilution	Analysis date / time	Batch
TOC By Walkley Black	9130000		500000	5	05/24/2025 18:01	WG2522211

Metals (ICP) by Method 6010D

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Aluminum	1220000		25800	1	05/24/2025 00:58	WG2522246
Antimony	ND		2580	1	05/24/2025 00:58	WG2522246
Beryllium	ND		258	1	05/24/2025 00:58	WG2522246
Calcium	9380000		129000	1	05/24/2025 00:58	WG2522246
Chromium	1540		1290	1	05/24/2025 00:58	WG2522246
Cobalt	1470		1290	1	05/24/2025 00:58	WG2522246
Iron	3320000		12900	1	05/24/2025 00:58	WG2522246
Magnesium	811000		129000	1	05/24/2025 00:58	WG2522246
Manganese	136000		1290	1	05/24/2025 00:58	WG2522246
Potassium	529000		129000	1	05/24/2025 00:58	WG2522246
Sodium	ND		129000	1	05/24/2025 00:58	WG2522246
Thallium	ND		2580	1	05/24/2025 14:36	WG2522246
Vanadium	5130		2580	1	05/24/2025 00:58	WG2522246

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	J3 J4	79.0	1	05/23/2025 18:42	WG2522110
Acrylonitrile	ND	J4	19.8	1	05/23/2025 18:42	WG2522110
Bromobenzene	ND		19.8	1	05/23/2025 18:42	WG2522110
Bromodichloromethane	ND		3.95	1	05/23/2025 18:42	WG2522110
Bromoform	ND		39.5	1	05/23/2025 18:42	WG2522110

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		19.8	1	05/23/2025 18:42	WG2522110
n-Butylbenzene	ND		19.8	1	05/23/2025 18:42	WG2522110
sec-Butylbenzene	ND		19.8	1	05/23/2025 18:42	WG2522110
tert-Butylbenzene	ND		7.90	1	05/23/2025 18:42	WG2522110
Carbon tetrachloride	ND		7.90	1	05/23/2025 18:42	WG2522110
Chlorobenzene	ND		3.95	1	05/23/2025 18:42	WG2522110
Chlorodibromomethane	ND		3.95	1	05/23/2025 18:42	WG2522110
Chloroethane	ND		7.90	1	05/23/2025 18:42	WG2522110
Chloroform	ND		3.95	1	05/23/2025 18:42	WG2522110
Chloromethane	ND		19.8	1	05/23/2025 18:42	WG2522110
2-Chlorotoluene	ND		3.95	1	05/23/2025 18:42	WG2522110
4-Chlorotoluene	ND		7.90	1	05/23/2025 18:42	WG2522110
1,2-Dibromo-3-Chloropropane	ND		39.5	1	05/23/2025 18:42	WG2522110
1,2-Dibromoethane	ND		3.95	1	05/23/2025 18:42	WG2522110
Dibromomethane	ND		7.90	1	05/23/2025 18:42	WG2522110
1,2-Dichlorobenzene	ND		7.90	1	05/23/2025 18:42	WG2522110
1,3-Dichlorobenzene	ND		7.90	1	05/23/2025 18:42	WG2522110
1,4-Dichlorobenzene	ND		7.90	1	05/23/2025 18:42	WG2522110
Dichlorodifluoromethane	ND		7.90	1	05/23/2025 18:42	WG2522110
1,1-Dichloroethane	ND		3.95	1	05/23/2025 18:42	WG2522110
1,2-Dichloroethane	ND		3.95	1	05/23/2025 18:42	WG2522110
1,1-Dichloroethene	ND		3.95	1	05/23/2025 18:42	WG2522110
cis-1,2-Dichloroethene	ND		3.95	1	05/23/2025 18:42	WG2522110
trans-1,2-Dichloroethene	ND		7.90	1	05/23/2025 18:42	WG2522110
1,2-Dichloropropane	ND		7.90	1	05/23/2025 18:42	WG2522110
1,1-Dichloropropene	ND		3.95	1	05/23/2025 18:42	WG2522110
1,3-Dichloropropane	ND		7.90	1	05/23/2025 18:42	WG2522110
cis-1,3-Dichloropropene	ND		3.95	1	05/23/2025 18:42	WG2522110
trans-1,3-Dichloropropene	ND		7.90	1	05/23/2025 18:42	WG2522110
2,2-Dichloropropane	ND		3.95	1	05/23/2025 18:42	WG2522110
Di-isopropyl ether	ND	J4	1.58	1	05/23/2025 18:42	WG2522110
Hexachloro-1,3-butadiene	ND		39.5	1	05/23/2025 18:42	WG2522110
Isopropylbenzene	ND		3.95	1	05/23/2025 18:42	WG2522110
p-Isopropyltoluene	ND		7.90	1	05/23/2025 18:42	WG2522110
2-Butanone (MEK)	ND		158	1	05/23/2025 18:42	WG2522110
Methylene Chloride	ND		39.5	1	05/23/2025 18:42	WG2522110
4-Methyl-2-pentanone (MIBK)	ND		39.5	1	05/23/2025 18:42	WG2522110
Methyl tert-butyl ether	ND		1.58	1	05/23/2025 18:42	WG2522110
n-Propylbenzene	ND		7.90	1	05/23/2025 18:42	WG2522110
Styrene	ND		19.8	1	05/23/2025 18:42	WG2522110
1,1,1,2-Tetrachloroethane	ND		3.95	1	05/23/2025 18:42	WG2522110
1,1,2,2-Tetrachloroethane	ND		3.95	1	05/23/2025 18:42	WG2522110
1,1,2-Trichlorotrifluoroethane	ND		3.95	1	05/23/2025 18:42	WG2522110
Tetrachloroethene	ND		3.95	1	05/23/2025 18:42	WG2522110
1,2,3-Trichlorobenzene	ND	J3	19.8	1	05/23/2025 18:42	WG2522110
1,2,4-Trichlorobenzene	ND		19.8	1	05/23/2025 18:42	WG2522110
1,1,1-Trichloroethane	ND		3.95	1	05/23/2025 18:42	WG2522110
1,1,2-Trichloroethane	ND		3.95	1	05/23/2025 18:42	WG2522110
Trichloroethene	ND		1.58	1	05/23/2025 18:42	WG2522110
Trichlorofluoromethane	ND		3.95	1	05/23/2025 18:42	WG2522110
1,2,3-Trichloropropane	ND		19.8	1	05/23/2025 18:42	WG2522110
1,2,3-Trimethylbenzene	ND		7.90	1	05/23/2025 18:42	WG2522110
Vinyl chloride	ND		3.95	1	05/23/2025 18:42	WG2522110
(S) Toluene-d8	*95.7*		*75.0-131*		*05/23/2025 18:42*	WG2522110
(S) 4-Bromofluorobenzene	*101*		*67.0-138*		*05/23/2025 18:42*	WG2522110
(S) 1,2-Dichloroethane-d4	*99.7*		*70.0-130*		*05/23/2025 18:42*	WG2522110

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		43.0	1	05/23/2025 18:50	WG2522172
Benzidine	ND		2150	1	05/23/2025 18:50	WG2522172
Benzo(g,h,i)perylene	ND		43.0	1	05/23/2025 18:50	WG2522172
Bis(2-chlorethoxy)methane	ND		430	1	05/23/2025 18:50	WG2522172
Bis(2-chloroethyl)ether	ND		430	1	05/23/2025 18:50	WG2522172
2,2-Oxybis(1-Chloropropane)	ND		430	1	05/23/2025 18:50	WG2522172
4-Bromophenyl-phenylether	ND		430	1	05/23/2025 18:50	WG2522172
2-Chloronaphthalene	ND		43.0	1	05/23/2025 18:50	WG2522172
4-Chlorophenyl-phenylether	ND		430	1	05/23/2025 18:50	WG2522172
1,2-Dichlorobenzene	ND		430	1	05/23/2025 18:50	WG2522172
1,3-Dichlorobenzene	ND		430	1	05/23/2025 18:50	WG2522172
1,4-Dichlorobenzene	ND		430	1	05/23/2025 18:50	WG2522172
3,3-Dichlorobenzidine	ND		430	1	05/23/2025 18:50	WG2522172
2,4-Dinitrotoluene	ND		430	1	05/23/2025 18:50	WG2522172
2,6-Dinitrotoluene	ND		430	1	05/23/2025 18:50	WG2522172
Hexachlorobenzene	ND		430	1	05/23/2025 18:50	WG2522172
Hexachloro-1,3-butadiene	ND		430	1	05/23/2025 18:50	WG2522172
Hexachlorocyclopentadiene	ND	C7	430	1	05/23/2025 18:50	WG2522172
Hexachloroethane	ND		430	1	05/23/2025 18:50	WG2522172
Isophorone	ND		430	1	05/23/2025 18:50	WG2522172
Nitrobenzene	ND		430	1	05/23/2025 18:50	WG2522172
n-Nitrosodimethylamine	ND		430	1	05/23/2025 18:50	WG2522172
n-Nitrosodiphenylamine	ND		430	1	05/23/2025 18:50	WG2522172
n-Nitrosodi-n-propylamine	ND		430	1	05/23/2025 18:50	WG2522172
Phenanthrene	ND		43.0	1	05/23/2025 18:50	WG2522172
Benzylbutyl phthalate	ND		430	1	05/23/2025 18:50	WG2522172
Bis(2-ethylhexyl)phthalate	ND		430	1	05/23/2025 18:50	WG2522172
Di-n-butyl phthalate	ND		430	1	05/23/2025 18:50	WG2522172
Diethyl phthalate	ND		430	1	05/23/2025 18:50	WG2522172
Dimethyl phthalate	ND		430	1	05/23/2025 18:50	WG2522172
Di-n-octyl phthalate	ND		430	1	05/23/2025 18:50	WG2522172
1,2,4-Trichlorobenzene	ND		430	1	05/23/2025 18:50	WG2522172
4-Chloro-3-methylphenol	ND		430	1	05/23/2025 18:50	WG2522172
2-Chlorophenol	ND		430	1	05/23/2025 18:50	WG2522172
2,4-Dichlorophenol	ND		430	1	05/23/2025 18:50	WG2522172
2,4-Dimethylphenol	ND		430	1	05/23/2025 18:50	WG2522172
4,6-Dinitro-2-methylphenol	ND		430	1	05/23/2025 18:50	WG2522172
2,4-Dinitrophenol	ND		430	1	05/23/2025 18:50	WG2522172
2-Nitrophenol	ND		430	1	05/23/2025 18:50	WG2522172
4-Nitrophenol	ND		430	1	05/23/2025 18:50	WG2522172
Pentachlorophenol	ND		430	1	05/23/2025 18:50	WG2522172
Phenol	ND		430	1	05/23/2025 18:50	WG2522172
2,4,6-Trichlorophenol	ND		430	1	05/23/2025 18:50	WG2522172
(S) 2-Fluorophenol	*71.1*		*12.0-120*		*05/23/2025 18:50*	WG2522172
(S) Phenol-d5	*71.2*		*10.0-120*		*05/23/2025 18:50*	WG2522172
(S) Nitrobenzene-d5	*68.7*		*10.0-122*		*05/23/2025 18:50*	WG2522172
(S) 2-Fluorobiphenyl	*63.2*		*15.0-120*		*05/23/2025 18:50*	WG2522172
(S) 2,4,6-Tribromophenol	*77.4*		*10.0-127*		*05/23/2025 18:50*	WG2522172
(S) p-Terphenyl-d14	*72.1*		*10.0-120*		*05/23/2025 18:50*	WG2522172

Calculated Results

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Total Nitrogen	2990000		21900	1	05/24/2025 18:25	WG2522255

Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	91.4		1	05/23/2025 13:15	WG2522027

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 00:28	WG2522300

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	2980000	V	109000	5	05/24/2025 13:00	WG2522185

Wet Chemistry by Method 9056A

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	ND		21900	1	05/24/2025 18:25	WG2522255

Wet Chemistry by Method WALKLEY-BLACK

Analyte	Result ug/kg	Qualifier	RDL ug/kg	Dilution	Analysis date / time	Batch
TOC By Walkley Black	8840000		500000	5	05/24/2025 18:01	WG2522211

Metals (ICP) by Method 6010D

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Aluminum	2670000	J3 J5 J6	21900	1	05/24/2025 00:33	WG2522246
Antimony	ND		2190	1	05/24/2025 00:33	WG2522246
Beryllium	323		219	1	05/24/2025 00:33	WG2522246
Calcium	4320000		109000	1	05/24/2025 00:33	WG2522246
Chromium	4010		1090	1	05/24/2025 00:33	WG2522246
Cobalt	2320		1090	1	05/24/2025 00:33	WG2522246
Iron	4510000	J3 V	10900	1	05/24/2025 00:33	WG2522246
Magnesium	1250000		109000	1	05/24/2025 00:33	WG2522246
Manganese	145000		1090	1	05/24/2025 00:33	WG2522246
Potassium	1150000		109000	1	05/24/2025 00:33	WG2522246
Sodium	650000		109000	1	05/24/2025 00:33	WG2522246
Thallium	ND		2190	1	05/24/2025 14:10	WG2522246
Vanadium	7990		2190	1	05/24/2025 00:33	WG2522246

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	J3	59.4	1	05/23/2025 19:21	WG2522141
Acrylonitrile	ND	J3	14.8	1	05/23/2025 19:21	WG2522141
Bromobenzene	ND		14.8	1	05/23/2025 19:21	WG2522141
Bromodichloromethane	ND		2.97	1	05/23/2025 19:21	WG2522141
Bromoform	ND		29.7	1	05/23/2025 19:21	WG2522141

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	J3	14.8	1	05/23/2025 19:21	WG2522141
n-Butylbenzene	ND		14.8	1	05/23/2025 19:21	WG2522141
sec-Butylbenzene	ND		14.8	1	05/23/2025 19:21	WG2522141
tert-Butylbenzene	ND		5.94	1	05/23/2025 19:21	WG2522141
Carbon tetrachloride	ND	J3	5.94	1	05/23/2025 19:21	WG2522141
Chlorobenzene	ND		2.97	1	05/23/2025 19:21	WG2522141
Chlorodibromomethane	ND		2.97	1	05/23/2025 19:21	WG2522141
Chloroethane	ND	J3	5.94	1	05/23/2025 19:21	WG2522141
Chloroform	ND		2.97	1	05/23/2025 19:21	WG2522141
Chloromethane	ND	J3	14.8	1	05/23/2025 19:21	WG2522141
2-Chlorotoluene	ND		2.97	1	05/23/2025 19:21	WG2522141
4-Chlorotoluene	ND		5.94	1	05/23/2025 19:21	WG2522141
1,2-Dibromo-3-Chloropropane	ND	J3	29.7	1	05/23/2025 19:21	WG2522141
1,2-Dibromoethane	ND		2.97	1	05/23/2025 19:21	WG2522141
Dibromomethane	ND		5.94	1	05/23/2025 19:21	WG2522141
1,2-Dichlorobenzene	ND		5.94	1	05/23/2025 19:21	WG2522141
1,3-Dichlorobenzene	ND		5.94	1	05/23/2025 19:21	WG2522141
1,4-Dichlorobenzene	ND		5.94	1	05/23/2025 19:21	WG2522141
Dichlorodifluoromethane	ND	J3	5.94	1	05/23/2025 19:21	WG2522141
1,1-Dichloroethane	ND		2.97	1	05/23/2025 19:21	WG2522141
1,2-Dichloroethane	ND		2.97	1	05/23/2025 19:21	WG2522141
1,1-Dichloroethene	ND	J3 J5	2.97	1	05/23/2025 19:21	WG2522141
cis-1,2-Dichloroethene	ND		2.97	1	05/23/2025 19:21	WG2522141
trans-1,2-Dichloroethene	ND		5.94	1	05/23/2025 19:21	WG2522141
1,2-Dichloropropane	ND		5.94	1	05/23/2025 19:21	WG2522141
1,1-Dichloropropene	ND		2.97	1	05/23/2025 19:21	WG2522141
1,3-Dichloropropane	ND		5.94	1	05/23/2025 19:21	WG2522141
cis-1,3-Dichloropropene	ND		2.97	1	05/23/2025 19:21	WG2522141
trans-1,3-Dichloropropene	ND		5.94	1	05/23/2025 19:21	WG2522141
2,2-Dichloropropane	ND	J3	2.97	1	05/23/2025 19:21	WG2522141
Di-isopropyl ether	ND		1.19	1	05/23/2025 19:21	WG2522141
Hexachloro-1,3-butadiene	ND		29.7	1	05/23/2025 19:21	WG2522141
Isopropylbenzene	ND		2.97	1	05/23/2025 19:21	WG2522141
p-Isopropyltoluene	ND		5.94	1	05/23/2025 19:21	WG2522141
2-Butanone (MEK)	ND	J3	119	1	05/23/2025 19:21	WG2522141
Methylene Chloride	ND		29.7	1	05/23/2025 19:21	WG2522141
4-Methyl-2-pentanone (MIBK)	ND		29.7	1	05/23/2025 19:21	WG2522141
Methyl tert-butyl ether	ND		1.19	1	05/23/2025 19:21	WG2522141
n-Propylbenzene	ND		5.94	1	05/23/2025 19:21	WG2522141
Styrene	ND		14.8	1	05/23/2025 19:21	WG2522141
1,1,1,2-Tetrachloroethane	ND		2.97	1	05/23/2025 19:21	WG2522141
1,1,2,2-Tetrachloroethane	ND		2.97	1	05/23/2025 19:21	WG2522141
1,1,2-Trichlorotrifluoroethane	ND	J3	2.97	1	05/23/2025 19:21	WG2522141
Tetrachloroethene	ND		2.97	1	05/23/2025 19:21	WG2522141
1,2,3-Trichlorobenzene	ND		14.8	1	05/23/2025 19:21	WG2522141
1,2,4-Trichlorobenzene	ND		14.8	1	05/23/2025 19:21	WG2522141
1,1,1-Trichloroethane	ND		2.97	1	05/23/2025 19:21	WG2522141
1,1,2-Trichloroethane	ND		2.97	1	05/23/2025 19:21	WG2522141
Trichloroethene	ND		1.19	1	05/23/2025 19:21	WG2522141
Trichlorofluoromethane	ND	J3	2.97	1	05/23/2025 19:21	WG2522141
1,2,3-Trichloropropane	ND		14.8	1	05/23/2025 19:21	WG2522141
1,2,3-Trimethylbenzene	ND		5.94	1	05/23/2025 19:21	WG2522141
Vinyl chloride	ND	J3	2.97	1	05/23/2025 19:21	WG2522141
(S) Toluene-d8	*97.4*		*75.0-131*		*05/23/2025 19:21*	WG2522141
(S) 4-Bromofluorobenzene	*93.2*		*67.0-138*		*05/23/2025 19:21*	WG2522141
(S) 1,2-Dichloroethane-d4	*112*		*70.0-130*		*05/23/2025 19:21*	WG2522141

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		72.8	2	05/24/2025 00:18	WG2522172
Benzidine	ND	J6	3650	2	05/24/2025 00:18	WG2522172
Benzo(g,h,i)perylene	ND		72.8	2	05/24/2025 00:18	WG2522172
Bis(2-chlorethoxy)methane	ND		728	2	05/24/2025 00:18	WG2522172
Bis(2-chloroethyl)ether	ND		728	2	05/24/2025 00:18	WG2522172
2,2-Oxybis(1-Chloropropane)	ND		728	2	05/24/2025 00:18	WG2522172
4-Bromophenyl-phenylether	ND		728	2	05/24/2025 00:18	WG2522172
2-Chloronaphthalene	ND		72.8	2	05/24/2025 00:18	WG2522172
4-Chlorophenyl-phenylether	ND		728	2	05/24/2025 00:18	WG2522172
1,2-Dichlorobenzene	ND		728	2	05/24/2025 00:18	WG2522172
1,3-Dichlorobenzene	ND		728	2	05/24/2025 00:18	WG2522172
1,4-Dichlorobenzene	ND		728	2	05/24/2025 00:18	WG2522172
3,3-Dichlorobenzidine	ND		728	2	05/24/2025 00:18	WG2522172
2,4-Dinitrotoluene	ND		728	2	05/24/2025 00:18	WG2522172
2,6-Dinitrotoluene	ND		728	2	05/24/2025 00:18	WG2522172
Hexachlorobenzene	ND		728	2	05/24/2025 00:18	WG2522172
Hexachloro-1,3-butadiene	ND		728	2	05/24/2025 00:18	WG2522172
Hexachlorocyclopentadiene	ND	C7 J3 J6	728	2	05/24/2025 00:18	WG2522172
Hexachloroethane	ND		728	2	05/24/2025 00:18	WG2522172
Isophorone	ND		728	2	05/24/2025 00:18	WG2522172
Nitrobenzene	ND		728	2	05/24/2025 00:18	WG2522172
n-Nitrosodimethylamine	ND		728	2	05/24/2025 00:18	WG2522172
n-Nitrosodiphenylamine	ND		728	2	05/24/2025 00:18	WG2522172
n-Nitrosodi-n-propylamine	ND		728	2	05/24/2025 00:18	WG2522172
Phenanthrene	ND		72.8	2	05/24/2025 00:18	WG2522172
Benzylbutyl phthalate	ND		728	2	05/24/2025 00:18	WG2522172
Bis(2-ethylhexyl)phthalate	ND	J3	728	2	05/24/2025 00:18	WG2522172
Di-n-butyl phthalate	ND		728	2	05/24/2025 00:18	WG2522172
Diethyl phthalate	ND		728	2	05/24/2025 00:18	WG2522172
Dimethyl phthalate	ND		728	2	05/24/2025 00:18	WG2522172
Di-n-octyl phthalate	ND		728	2	05/24/2025 00:18	WG2522172
1,2,4-Trichlorobenzene	ND		728	2	05/24/2025 00:18	WG2522172
4-Chloro-3-methylphenol	ND		728	2	05/24/2025 00:18	WG2522172
2-Chlorophenol	ND		728	2	05/24/2025 00:18	WG2522172
2,4-Dichlorophenol	ND		728	2	05/24/2025 00:18	WG2522172
2,4-Dimethylphenol	ND		728	2	05/24/2025 00:18	WG2522172
4,6-Dinitro-2-methylphenol	ND		728	2	05/24/2025 00:18	WG2522172
2,4-Dinitrophenol	ND	J6	728	2	05/24/2025 00:18	WG2522172
2-Nitrophenol	ND		728	2	05/24/2025 00:18	WG2522172
4-Nitrophenol	ND		728	2	05/24/2025 00:18	WG2522172
Pentachlorophenol	ND		728	2	05/24/2025 00:18	WG2522172
Phenol	ND		728	2	05/24/2025 00:18	WG2522172
2,4,6-Trichlorophenol	ND		728	2	05/24/2025 00:18	WG2522172
(S) 2-Fluorophenol	*76.5*		*12.0-120*		*05/24/2025 00:18*	WG2522172
(S) Phenol-d5	*72.7*		*10.0-120*		*05/24/2025 00:18*	WG2522172
(S) Nitrobenzene-d5	*72.9*		*10.0-122*		*05/24/2025 00:18*	WG2522172
(S) 2-Fluorobiphenyl	*67.7*		*15.0-120*		*05/24/2025 00:18*	WG2522172
(S) 2,4,6-Tribromophenol	*77.6*		*10.0-127*		*05/24/2025 00:18*	WG2522172
(S) p-Terphenyl-d14	*74.7*		*10.0-120*		*05/24/2025 00:18*	WG2522172

Sample Narrative:

L1862233-10 WG2522172: 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	1090000		21300	1	05/24/2025 19:05	WG2522255

Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	93.7		1	05/23/2025 13:15	WG2522027

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	05/25/2025 00:33	WG2522300

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	1090000		107000	5	05/24/2025 13:04	WG2522185

Wet Chemistry by Method 9056A

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	ND		21300	1	05/24/2025 19:05	WG2522255

Wet Chemistry by Method WALKLEY-BLACK

Analyte	Result ug/kg	Qualifier	RDL ug/kg	Dilution	Analysis date / time	Batch
TOC By Walkley Black	63000000		1000000	10	05/24/2025 18:01	WG2522211

Metals (ICP) by Method 6010D

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Aluminum	1770000		21300	1	05/24/2025 00:59	WG2522246
Antimony	ND		2130	1	05/24/2025 00:59	WG2522246
Beryllium	258		213	1	05/24/2025 00:59	WG2522246
Calcium	3740000		107000	1	05/24/2025 00:59	WG2522246
Chromium	2190		1070	1	05/24/2025 00:59	WG2522246
Cobalt	1950		1070	1	05/24/2025 00:59	WG2522246
Iron	3550000		10700	1	05/24/2025 00:59	WG2522246
Magnesium	749000		107000	1	05/24/2025 00:59	WG2522246
Manganese	143000		1070	1	05/24/2025 00:59	WG2522246
Potassium	934000		107000	1	05/24/2025 00:59	WG2522246
Sodium	ND		107000	1	05/24/2025 00:59	WG2522246
Thallium	ND		2130	1	05/24/2025 14:38	WG2522246
Vanadium	6460		2130	1	05/24/2025 00:59	WG2522246

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	J3 J4	56.8	1	05/23/2025 19:01	WG2522110
Acrylonitrile	ND	J4	14.2	1	05/23/2025 19:01	WG2522110
Bromobenzene	ND		14.2	1	05/23/2025 19:01	WG2522110
Bromodichloromethane	ND		2.84	1	05/23/2025 19:01	WG2522110
Bromoform	ND		28.4	1	05/23/2025 19:01	WG2522110

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	05/23/2025 19:01	WG2522110
n-Butylbenzene	ND		14.2	1	05/23/2025 19:01	WG2522110
sec-Butylbenzene	ND		14.2	1	05/23/2025 19:01	WG2522110
tert-Butylbenzene	ND		5.68	1	05/23/2025 19:01	WG2522110
Carbon tetrachloride	ND		5.68	1	05/23/2025 19:01	WG2522110
Chlorobenzene	ND		2.84	1	05/23/2025 19:01	WG2522110
Chlorodibromomethane	ND		2.84	1	05/23/2025 19:01	WG2522110
Chloroethane	ND		5.68	1	05/23/2025 19:01	WG2522110
Chloroform	ND		2.84	1	05/23/2025 19:01	WG2522110
Chloromethane	ND		14.2	1	05/23/2025 19:01	WG2522110
2-Chlorotoluene	ND		2.84	1	05/23/2025 19:01	WG2522110
4-Chlorotoluene	ND		5.68	1	05/23/2025 19:01	WG2522110
1,2-Dibromo-3-Chloropropane	ND		28.4	1	05/23/2025 19:01	WG2522110
1,2-Dibromoethane	ND		2.84	1	05/23/2025 19:01	WG2522110
Dibromomethane	ND		5.68	1	05/23/2025 19:01	WG2522110
1,2-Dichlorobenzene	ND		5.68	1	05/23/2025 19:01	WG2522110
1,3-Dichlorobenzene	ND		5.68	1	05/23/2025 19:01	WG2522110
1,4-Dichlorobenzene	ND		5.68	1	05/23/2025 19:01	WG2522110
Dichlorodifluoromethane	ND		5.68	1	05/23/2025 19:01	WG2522110
1,1-Dichloroethane	ND		2.84	1	05/23/2025 19:01	WG2522110
1,2-Dichloroethane	ND		2.84	1	05/23/2025 19:01	WG2522110
1,1-Dichloroethene	ND		2.84	1	05/23/2025 19:01	WG2522110
cis-1,2-Dichloroethene	ND		2.84	1	05/23/2025 19:01	WG2522110
trans-1,2-Dichloroethene	ND		5.68	1	05/23/2025 19:01	WG2522110
1,2-Dichloropropane	ND		5.68	1	05/23/2025 19:01	WG2522110
1,1-Dichloropropene	ND		2.84	1	05/23/2025 19:01	WG2522110
1,3-Dichloropropane	ND		5.68	1	05/23/2025 19:01	WG2522110
cis-1,3-Dichloropropene	ND		2.84	1	05/23/2025 19:01	WG2522110
trans-1,3-Dichloropropene	ND		5.68	1	05/23/2025 19:01	WG2522110
2,2-Dichloropropane	ND		2.84	1	05/23/2025 19:01	WG2522110
Di-isopropyl ether	ND	J4	1.14	1	05/23/2025 19:01	WG2522110
Hexachloro-1,3-butadiene	ND		28.4	1	05/23/2025 19:01	WG2522110
Isopropylbenzene	ND		2.84	1	05/23/2025 19:01	WG2522110
p-Isopropyltoluene	ND		5.68	1	05/23/2025 19:01	WG2522110
2-Butanone (MEK)	ND		114	1	05/23/2025 19:01	WG2522110
Methylene Chloride	ND		28.4	1	05/23/2025 19:01	WG2522110
4-Methyl-2-pentanone (MIBK)	ND		28.4	1	05/23/2025 19:01	WG2522110
Methyl tert-butyl ether	ND		1.14	1	05/23/2025 19:01	WG2522110
n-Propylbenzene	ND		5.68	1	05/23/2025 19:01	WG2522110
Styrene	ND		14.2	1	05/23/2025 19:01	WG2522110
1,1,1,2-Tetrachloroethane	ND		2.84	1	05/23/2025 19:01	WG2522110
1,1,2,2-Tetrachloroethane	ND		2.84	1	05/23/2025 19:01	WG2522110
1,1,2-Trichlorotrifluoroethane	ND		2.84	1	05/23/2025 19:01	WG2522110
Tetrachloroethene	ND		2.84	1	05/23/2025 19:01	WG2522110
1,2,3-Trichlorobenzene	ND	J3	14.2	1	05/23/2025 19:01	WG2522110
1,2,4-Trichlorobenzene	ND		14.2	1	05/23/2025 19:01	WG2522110
1,1,1-Trichloroethane	ND		2.84	1	05/23/2025 19:01	WG2522110
1,1,2-Trichloroethane	ND		2.84	1	05/23/2025 19:01	WG2522110
Trichloroethene	ND		1.14	1	05/23/2025 19:01	WG2522110
Trichlorofluoromethane	ND		2.84	1	05/23/2025 19:01	WG2522110
1,2,3-Trichloropropane	ND		14.2	1	05/23/2025 19:01	WG2522110
1,2,3-Trimethylbenzene	ND		5.68	1	05/23/2025 19:01	WG2522110
Vinyl chloride	ND		2.84	1	05/23/2025 19:01	WG2522110
(S) Toluene-d8	*94.3*		*75.0-131*		*05/23/2025 19:01*	WG2522110
(S) 4-Bromofluorobenzene	*103*		*67.0-138*		*05/23/2025 19:01*	WG2522110
(S) 1,2-Dichloroethane-d4	*104*		*70.0-130*		*05/23/2025 19:01*	WG2522110

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		35.5	1	05/23/2025 21:55	WG2522172
Benzidine	ND		1780	1	05/23/2025 21:55	WG2522172
Benzo(g,h,i)perylene	55.7		35.5	1	05/23/2025 21:55	WG2522172
Bis(2-chlorethoxy)methane	ND		355	1	05/23/2025 21:55	WG2522172
Bis(2-chloroethyl)ether	ND		355	1	05/23/2025 21:55	WG2522172
2,2-Oxybis(1-Chloropropane)	ND		355	1	05/23/2025 21:55	WG2522172
4-Bromophenyl-phenylether	ND		355	1	05/23/2025 21:55	WG2522172
2-Chloronaphthalene	ND		35.5	1	05/23/2025 21:55	WG2522172
4-Chlorophenyl-phenylether	ND		355	1	05/23/2025 21:55	WG2522172
1,2-Dichlorobenzene	ND		355	1	05/23/2025 21:55	WG2522172
1,3-Dichlorobenzene	ND		355	1	05/23/2025 21:55	WG2522172
1,4-Dichlorobenzene	ND		355	1	05/23/2025 21:55	WG2522172
3,3-Dichlorobenzidine	ND		355	1	05/23/2025 21:55	WG2522172
2,4-Dinitrotoluene	ND		355	1	05/23/2025 21:55	WG2522172
2,6-Dinitrotoluene	ND		355	1	05/23/2025 21:55	WG2522172
Hexachlorobenzene	ND		355	1	05/23/2025 21:55	WG2522172
Hexachloro-1,3-butadiene	ND		355	1	05/23/2025 21:55	WG2522172
Hexachlorocyclopentadiene	ND	C7	355	1	05/23/2025 21:55	WG2522172
Hexachloroethane	ND		355	1	05/23/2025 21:55	WG2522172
Isophorone	ND		355	1	05/23/2025 21:55	WG2522172
Nitrobenzene	ND		355	1	05/23/2025 21:55	WG2522172
n-Nitrosodimethylamine	ND		355	1	05/23/2025 21:55	WG2522172
n-Nitrosodiphenylamine	ND		355	1	05/23/2025 21:55	WG2522172
n-Nitrosodi-n-propylamine	ND		355	1	05/23/2025 21:55	WG2522172
Phenanthrene	ND		35.5	1	05/23/2025 21:55	WG2522172
Benzylbutyl phthalate	ND		355	1	05/23/2025 21:55	WG2522172
Bis(2-ethylhexyl)phthalate	ND		355	1	05/23/2025 21:55	WG2522172
Di-n-butyl phthalate	ND		355	1	05/23/2025 21:55	WG2522172
Diethyl phthalate	ND		355	1	05/23/2025 21:55	WG2522172
Dimethyl phthalate	ND		355	1	05/23/2025 21:55	WG2522172
Di-n-octyl phthalate	ND		355	1	05/23/2025 21:55	WG2522172
1,2,4-Trichlorobenzene	ND		355	1	05/23/2025 21:55	WG2522172
4-Chloro-3-methylphenol	ND		355	1	05/23/2025 21:55	WG2522172
2-Chlorophenol	ND		355	1	05/23/2025 21:55	WG2522172
2,4-Dichlorophenol	ND		355	1	05/23/2025 21:55	WG2522172
2,4-Dimethylphenol	ND		355	1	05/23/2025 21:55	WG2522172
4,6-Dinitro-2-methylphenol	ND		355	1	05/23/2025 21:55	WG2522172
2,4-Dinitrophenol	ND		355	1	05/23/2025 21:55	WG2522172
2-Nitrophenol	ND		355	1	05/23/2025 21:55	WG2522172
4-Nitrophenol	ND		355	1	05/23/2025 21:55	WG2522172
Pentachlorophenol	ND		355	1	05/23/2025 21:55	WG2522172
Phenol	ND		355	1	05/23/2025 21:55	WG2522172
2,4,6-Trichlorophenol	ND		355	1	05/23/2025 21:55	WG2522172
(S) 2-Fluorophenol	*72.8*		*12.0-120*		*05/23/2025 21:55*	WG2522172
(S) Phenol-d5	*69.9*		*10.0-120*		*05/23/2025 21:55*	WG2522172
(S) Nitrobenzene-d5	*71.3*		*10.0-122*		*05/23/2025 21:55*	WG2522172
(S) 2-Fluorobiphenyl	*64.3*		*15.0-120*		*05/23/2025 21:55*	WG2522172
(S) 2,4,6-Tribromophenol	*72.9*		*10.0-127*		*05/23/2025 21:55*	WG2522172
(S) p-Terphenyl-d14	*71.3*		*10.0-120*		*05/23/2025 21:55*	WG2522172

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 15:20	WG2522013
Acrolein	ND		50.0	1	05/23/2025 15:20	WG2522013
Acrylonitrile	ND		10.0	1	05/23/2025 15:20	WG2522013
Benzene	ND		1.00	1	05/23/2025 15:20	WG2522013
Bromobenzene	ND		1.00	1	05/23/2025 15:20	WG2522013
Bromodichloromethane	ND		1.00	1	05/23/2025 15:20	WG2522013
Bromoform	ND		1.00	1	05/23/2025 15:20	WG2522013
Bromomethane	ND	J4	5.00	1	05/23/2025 15:20	WG2522013
n-Butylbenzene	ND		1.00	1	05/23/2025 15:20	WG2522013
sec-Butylbenzene	ND		1.00	1	05/23/2025 15:20	WG2522013
tert-Butylbenzene	ND		1.00	1	05/23/2025 15:20	WG2522013
Carbon tetrachloride	ND		1.00	1	05/23/2025 15:20	WG2522013
Chlorobenzene	ND		1.00	1	05/23/2025 15:20	WG2522013
Chlorodibromomethane	ND		1.00	1	05/23/2025 15:20	WG2522013
Chloroethane	ND		5.00	1	05/23/2025 15:20	WG2522013
Chloroform	ND		5.00	1	05/23/2025 15:20	WG2522013
Chloromethane	ND		2.50	1	05/23/2025 15:20	WG2522013
2-Chlorotoluene	ND		1.00	1	05/23/2025 15:20	WG2522013
4-Chlorotoluene	ND		1.00	1	05/23/2025 15:20	WG2522013
1,2-Dibromo-3-Chloropropane	ND	C3	5.00	1	05/23/2025 15:20	WG2522013
1,2-Dibromoethane	ND		1.00	1	05/23/2025 15:20	WG2522013
Dibromomethane	ND		1.00	1	05/23/2025 15:20	WG2522013
1,2-Dichlorobenzene	ND		1.00	1	05/23/2025 15:20	WG2522013
1,3-Dichlorobenzene	ND		1.00	1	05/23/2025 15:20	WG2522013
1,4-Dichlorobenzene	ND		1.00	1	05/23/2025 15:20	WG2522013
Dichlorodifluoromethane	ND		5.00	1	05/23/2025 15:20	WG2522013
1,1-Dichloroethane	ND		1.00	1	05/23/2025 15:20	WG2522013
1,2-Dichloroethane	ND		1.00	1	05/23/2025 15:20	WG2522013
1,1-Dichloroethene	ND		1.00	1	05/23/2025 15:20	WG2522013
cis-1,2-Dichloroethene	ND		1.00	1	05/23/2025 15:20	WG2522013
trans-1,2-Dichloroethene	ND		1.00	1	05/23/2025 15:20	WG2522013
1,2-Dichloropropane	ND		1.00	1	05/23/2025 15:20	WG2522013
1,1-Dichloropropene	ND		1.00	1	05/23/2025 15:20	WG2522013
1,3-Dichloropropane	ND		1.00	1	05/23/2025 15:20	WG2522013
cis-1,3-Dichloropropene	ND		1.00	1	05/23/2025 15:20	WG2522013
trans-1,3-Dichloropropene	ND		1.00	1	05/23/2025 15:20	WG2522013
2,2-Dichloropropane	ND		1.00	1	05/23/2025 15:20	WG2522013
Di-isopropyl ether	ND		1.00	1	05/23/2025 15:20	WG2522013
Ethylbenzene	ND		1.00	1	05/23/2025 15:20	WG2522013
Hexachloro-1,3-butadiene	ND		1.00	1	05/23/2025 15:20	WG2522013
Isopropylbenzene	ND		1.00	1	05/23/2025 15:20	WG2522013
p-Isopropyltoluene	ND		1.00	1	05/23/2025 15:20	WG2522013
2-Butanone (MEK)	ND		10.0	1	05/23/2025 15:20	WG2522013
Methylene Chloride	ND		5.00	1	05/23/2025 15:20	WG2522013
4-Methyl-2-pentanone (MIBK)	ND		10.0	1	05/23/2025 15:20	WG2522013
Methyl tert-butyl ether	ND		1.00	1	05/23/2025 15:20	WG2522013
Naphthalene	ND	C3	5.00	1	05/23/2025 15:20	WG2522013
n-Propylbenzene	ND		1.00	1	05/23/2025 15:20	WG2522013
Styrene	ND		1.00	1	05/23/2025 15:20	WG2522013
1,1,1,2-Tetrachloroethane	ND		1.00	1	05/23/2025 15:20	WG2522013
1,1,2,2-Tetrachloroethane	ND		1.00	1	05/23/2025 15:20	WG2522013
1,1,2-Trichlorotrifluoroethane	ND		1.00	1	05/23/2025 15:20	WG2522013
Tetrachloroethene	ND		1.00	1	05/23/2025 15:20	WG2522013
Toluene	ND		1.00	1	05/23/2025 15:20	WG2522013
1,2,3-Trichlorobenzene	ND	C3	1.00	1	05/23/2025 15:20	WG2522013
1,2,4-Trichlorobenzene	ND	C3	1.00	1	05/23/2025 15:20	WG2522013

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 15:20	WG2522013
1,1,2-Trichloroethane	ND		1.00	1	05/23/2025 15:20	WG2522013
Trichloroethene	ND		1.00	1	05/23/2025 15:20	WG2522013
Trichlorofluoromethane	ND		5.00	1	05/23/2025 15:20	WG2522013
1,2,3-Trichloropropane	ND		2.50	1	05/23/2025 15:20	WG2522013
1,2,4-Trimethylbenzene	ND		1.00	1	05/23/2025 15:20	WG2522013
1,2,3-Trimethylbenzene	ND		1.00	1	05/23/2025 15:20	WG2522013
1,3,5-Trimethylbenzene	ND		1.00	1	05/23/2025 15:20	WG2522013
Vinyl chloride	ND		1.00	1	05/23/2025 15:20	WG2522013
Xylenes, Total	ND		3.00	1	05/23/2025 15:20	WG2522013
(S) Toluene-d8	*121*	J1	*80.0-120*		*05/23/2025 15:20*	WG2522013
(S) 4-Bromofluorobenzene	*106*		*77.0-126*		*05/23/2025 15:20*	WG2522013
(S) 1,2-Dichloroethane-d4	*101*		*70.0-130*		*05/23/2025 15:20*	WG2522013

Calculated Results

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Total Nitrogen	981000		21100	1	05/24/2025 19:18	WG2522255

Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	94.9		1	05/23/2025 12:59	WG2522029

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	05/25/2025 00:36	WG2522300

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	976000		105000	5	05/24/2025 13:04	WG2522185

Wet Chemistry by Method 9056A

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	ND		21100	1	05/24/2025 19:18	WG2522255

Wet Chemistry by Method WALKLEY-BLACK

Analyte	Result ug/kg	Qualifier	RDL ug/kg	Dilution	Analysis date / time	Batch
TOC By Walkley Black	13600000		500000	5	05/24/2025 18:02	WG2522211

Metals (ICP) by Method 6010D

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Aluminum	1770000		21100	1	05/24/2025 01:01	WG2522246
Antimony	ND		2110	1	05/24/2025 01:01	WG2522246
Beryllium	242		211	1	05/24/2025 01:01	WG2522246
Calcium	3100000		105000	1	05/24/2025 01:01	WG2522246
Chromium	1920		1050	1	05/24/2025 01:01	WG2522246
Cobalt	1790		1050	1	05/24/2025 01:01	WG2522246
Iron	4200000		10500	1	05/24/2025 01:01	WG2522246
Magnesium	725000		105000	1	05/24/2025 01:01	WG2522246
Manganese	132000		1050	1	05/24/2025 01:01	WG2522246
Potassium	1450000		105000	1	05/24/2025 01:01	WG2522246
Sodium	ND		105000	1	05/24/2025 01:01	WG2522246
Thallium	ND		2110	1	05/24/2025 14:40	WG2522246
Vanadium	7350		2110	1	05/24/2025 01:01	WG2522246

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		55.4	1	05/23/2025 19:40	WG2522141
Acrylonitrile	ND		13.9	1	05/23/2025 19:40	WG2522141
Bromobenzene	ND		13.9	1	05/23/2025 19:40	WG2522141
Bromodichloromethane	ND		2.77	1	05/23/2025 19:40	WG2522141
Bromoform	ND		27.7	1	05/23/2025 19:40	WG2522141

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		13.9	1	05/23/2025 19:40	WG2522141
n-Butylbenzene	ND		13.9	1	05/23/2025 19:40	WG2522141
sec-Butylbenzene	ND		13.9	1	05/23/2025 19:40	WG2522141
tert-Butylbenzene	ND		5.54	1	05/23/2025 19:40	WG2522141
Carbon tetrachloride	ND		5.54	1	05/23/2025 19:40	WG2522141
Chlorobenzene	ND		2.77	1	05/23/2025 19:40	WG2522141
Chlorodibromomethane	ND		2.77	1	05/23/2025 19:40	WG2522141
Chloroethane	ND		5.54	1	05/23/2025 19:40	WG2522141
Chloroform	ND		2.77	1	05/23/2025 19:40	WG2522141
Chloromethane	ND	J3	13.9	1	05/23/2025 19:40	WG2522141
2-Chlorotoluene	ND	J3	2.77	1	05/23/2025 19:40	WG2522141
4-Chlorotoluene	ND		5.54	1	05/23/2025 19:40	WG2522141
1,2-Dibromo-3-Chloropropane	ND		27.7	1	05/23/2025 19:40	WG2522141
1,2-Dibromoethane	ND		2.77	1	05/23/2025 19:40	WG2522141
Dibromomethane	ND		5.54	1	05/23/2025 19:40	WG2522141
1,2-Dichlorobenzene	ND		5.54	1	05/23/2025 19:40	WG2522141
1,3-Dichlorobenzene	ND		5.54	1	05/23/2025 19:40	WG2522141
1,4-Dichlorobenzene	ND		5.54	1	05/23/2025 19:40	WG2522141
Dichlorodifluoromethane	ND		5.54	1	05/23/2025 19:40	WG2522141
1,1-Dichloroethane	ND		2.77	1	05/23/2025 19:40	WG2522141
1,2-Dichloroethane	ND	J3	2.77	1	05/23/2025 19:40	WG2522141
1,1-Dichloroethene	ND		2.77	1	05/23/2025 19:40	WG2522141
cis-1,2-Dichloroethene	ND		2.77	1	05/23/2025 19:40	WG2522141
trans-1,2-Dichloroethene	ND		5.54	1	05/23/2025 19:40	WG2522141
1,2-Dichloropropane	ND		5.54	1	05/23/2025 19:40	WG2522141
1,1-Dichloropropene	ND		2.77	1	05/23/2025 19:40	WG2522141
1,3-Dichloropropane	ND		5.54	1	05/23/2025 19:40	WG2522141
cis-1,3-Dichloropropene	ND		2.77	1	05/23/2025 19:40	WG2522141
trans-1,3-Dichloropropene	ND		5.54	1	05/23/2025 19:40	WG2522141
2,2-Dichloropropane	ND		2.77	1	05/23/2025 19:40	WG2522141
Di-isopropyl ether	ND		1.11	1	05/23/2025 19:40	WG2522141
Hexachloro-1,3-butadiene	ND	J3	27.7	1	05/23/2025 19:40	WG2522141
Isopropylbenzene	ND		2.77	1	05/23/2025 19:40	WG2522141
p-Isopropyltoluene	ND	J3	5.54	1	05/23/2025 19:40	WG2522141
2-Butanone (MEK)	ND		111	1	05/23/2025 19:40	WG2522141
Methylene Chloride	ND		27.7	1	05/23/2025 19:40	WG2522141
4-Methyl-2-pentanone (MIBK)	ND		27.7	1	05/23/2025 19:40	WG2522141
Methyl tert-butyl ether	ND		1.11	1	05/23/2025 19:40	WG2522141
n-Propylbenzene	ND		5.54	1	05/23/2025 19:40	WG2522141
Styrene	ND		13.9	1	05/23/2025 19:40	WG2522141
1,1,1,2-Tetrachloroethane	ND		2.77	1	05/23/2025 19:40	WG2522141
1,1,2,2-Tetrachloroethane	ND		2.77	1	05/23/2025 19:40	WG2522141
1,1,2-Trichlorotrifluoroethane	ND		2.77	1	05/23/2025 19:40	WG2522141
Tetrachloroethene	ND	J3	2.77	1	05/23/2025 19:40	WG2522141
1,2,3-Trichlorobenzene	ND	J3	13.9	1	05/23/2025 19:40	WG2522141
1,2,4-Trichlorobenzene	ND	J3	13.9	1	05/23/2025 19:40	WG2522141
1,1,1-Trichloroethane	ND		2.77	1	05/23/2025 19:40	WG2522141
1,1,2-Trichloroethane	ND		2.77	1	05/23/2025 19:40	WG2522141
Trichloroethene	ND		1.11	1	05/23/2025 19:40	WG2522141
Trichlorofluoromethane	ND		2.77	1	05/23/2025 19:40	WG2522141
1,2,3-Trichloropropane	ND	J3	13.9	1	05/23/2025 19:40	WG2522141
1,2,3-Trimethylbenzene	ND		5.54	1	05/23/2025 19:40	WG2522141
Vinyl chloride	ND		2.77	1	05/23/2025 19:40	WG2522141
(S) Toluene-d8	*125*		*75.0-131*		*05/23/2025 19:40*	WG2522141
(S) 4-Bromofluorobenzene	*97.4*		*67.0-138*		*05/23/2025 19:40*	WG2522141
(S) 1,2-Dichloroethane-d4	*103*		*70.0-130*		*05/23/2025 19:40*	WG2522141

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		35.1	1	05/23/2025 19:52	WG2522172
Benzidine	ND		1760	1	05/23/2025 19:52	WG2522172
Benzo(g,h,i)perylene	ND		35.1	1	05/23/2025 19:52	WG2522172
Bis(2-chlorethoxy)methane	ND		351	1	05/23/2025 19:52	WG2522172
Bis(2-chloroethyl)ether	ND		351	1	05/23/2025 19:52	WG2522172
2,2-Oxybis(1-Chloropropane)	ND		351	1	05/23/2025 19:52	WG2522172
4-Bromophenyl-phenylether	ND		351	1	05/23/2025 19:52	WG2522172
2-Chloronaphthalene	ND		35.1	1	05/23/2025 19:52	WG2522172
4-Chlorophenyl-phenylether	ND		351	1	05/23/2025 19:52	WG2522172
1,2-Dichlorobenzene	ND		351	1	05/23/2025 19:52	WG2522172
1,3-Dichlorobenzene	ND		351	1	05/23/2025 19:52	WG2522172
1,4-Dichlorobenzene	ND		351	1	05/23/2025 19:52	WG2522172
3,3-Dichlorobenzidine	ND		351	1	05/23/2025 19:52	WG2522172
2,4-Dinitrotoluene	ND		351	1	05/23/2025 19:52	WG2522172
2,6-Dinitrotoluene	ND		351	1	05/23/2025 19:52	WG2522172
Hexachlorobenzene	ND		351	1	05/23/2025 19:52	WG2522172
Hexachloro-1,3-butadiene	ND		351	1	05/23/2025 19:52	WG2522172
Hexachlorocyclopentadiene	ND	C7	351	1	05/23/2025 19:52	WG2522172
Hexachloroethane	ND		351	1	05/23/2025 19:52	WG2522172
Isophorone	ND		351	1	05/23/2025 19:52	WG2522172
Nitrobenzene	ND		351	1	05/23/2025 19:52	WG2522172
n-Nitrosodimethylamine	ND		351	1	05/23/2025 19:52	WG2522172
n-Nitrosodiphenylamine	ND		351	1	05/23/2025 19:52	WG2522172
n-Nitrosodi-n-propylamine	ND		351	1	05/23/2025 19:52	WG2522172
Phenanthrene	ND		35.1	1	05/23/2025 19:52	WG2522172
Benzylbutyl phthalate	ND		351	1	05/23/2025 19:52	WG2522172
Bis(2-ethylhexyl)phthalate	ND		351	1	05/23/2025 19:52	WG2522172
Di-n-butyl phthalate	ND		351	1	05/23/2025 19:52	WG2522172
Diethyl phthalate	ND		351	1	05/23/2025 19:52	WG2522172
Dimethyl phthalate	ND		351	1	05/23/2025 19:52	WG2522172
Di-n-octyl phthalate	ND		351	1	05/23/2025 19:52	WG2522172
1,2,4-Trichlorobenzene	ND		351	1	05/23/2025 19:52	WG2522172
4-Chloro-3-methylphenol	ND		351	1	05/23/2025 19:52	WG2522172
2-Chlorophenol	ND		351	1	05/23/2025 19:52	WG2522172
2,4-Dichlorophenol	ND		351	1	05/23/2025 19:52	WG2522172
2,4-Dimethylphenol	ND		351	1	05/23/2025 19:52	WG2522172
4,6-Dinitro-2-methylphenol	ND		351	1	05/23/2025 19:52	WG2522172
2,4-Dinitrophenol	ND		351	1	05/23/2025 19:52	WG2522172
2-Nitrophenol	ND		351	1	05/23/2025 19:52	WG2522172
4-Nitrophenol	ND		351	1	05/23/2025 19:52	WG2522172
Pentachlorophenol	ND		351	1	05/23/2025 19:52	WG2522172
Phenol	ND		351	1	05/23/2025 19:52	WG2522172
2,4,6-Trichlorophenol	ND		351	1	05/23/2025 19:52	WG2522172
(S) 2-Fluorophenol	*64.9*		*12.0-120*		*05/23/2025 19:52*	WG2522172
(S) Phenol-d5	*59.6*		*10.0-120*		*05/23/2025 19:52*	WG2522172
(S) Nitrobenzene-d5	*63.5*		*10.0-122*		*05/23/2025 19:52*	WG2522172
(S) 2-Fluorobiphenyl	*58.7*		*15.0-120*		*05/23/2025 19:52*	WG2522172
(S) 2,4,6-Tribromophenol	*66.9*		*10.0-127*		*05/23/2025 19:52*	WG2522172
(S) p-Terphenyl-d14	*62.9*		*10.0-120*		*05/23/2025 19:52*	WG2522172

Calculated Results

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Total Nitrogen	1370000		114000	1	05/24/2025 19:59	WG2522255

Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	88.1		1	05/23/2025 12:59	WG2522029

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 00:37	WG2522300

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	1230000		114000	5	05/24/2025 13:05	WG2522185

Wet Chemistry by Method 9056A

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	ND		227000	10	05/24/2025 19:59	WG2522255

Sample Narrative:

L1862233-14 WG2522255: Dilution due to matrix impact on instrumentation at lower dilution

Wet Chemistry by Method WALKLEY-BLACK

Analyte	Result ug/kg	Qualifier	RDL ug/kg	Dilution	Analysis date / time	Batch
TOC By Walkley Black	165000000		5000000	50	05/24/2025 18:02	WG2522211

Metals (ICP) by Method 6010D

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Aluminum	1540000		22700	1	05/24/2025 01:03	WG2522246
Antimony	ND		2270	1	05/24/2025 01:03	WG2522246
Beryllium	ND		227	1	05/24/2025 01:03	WG2522246
Calcium	5720000		114000	1	05/24/2025 01:03	WG2522246
Chromium	2100		1140	1	05/24/2025 01:03	WG2522246
Cobalt	1370		1140	1	05/24/2025 01:03	WG2522246
Iron	3270000		11400	1	05/24/2025 01:03	WG2522246
Magnesium	903000		114000	1	05/24/2025 01:03	WG2522246
Manganese	104000		1140	1	05/24/2025 01:03	WG2522246
Potassium	1310000		114000	1	05/24/2025 01:03	WG2522246
Sodium	ND		114000	1	05/24/2025 01:03	WG2522246
Thallium	ND		2270	1	05/24/2025 14:42	WG2522246
Vanadium	5610		2270	1	05/24/2025 01:03	WG2522246

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		63.5	1	05/23/2025 19:59	WG2522141
Acrylonitrile	ND		15.9	1	05/23/2025 19:59	WG2522141
Bromobenzene	ND		15.9	1	05/23/2025 19:59	WG2522141
Bromodichloromethane	ND		3.18	1	05/23/2025 19:59	WG2522141
Bromoform	ND		31.8	1	05/23/2025 19:59	WG2522141
Bromomethane	ND		15.9	1	05/23/2025 19:59	WG2522141
n-Butylbenzene	ND		15.9	1	05/23/2025 19:59	WG2522141
sec-Butylbenzene	ND		15.9	1	05/23/2025 19:59	WG2522141
tert-Butylbenzene	ND		6.35	1	05/23/2025 19:59	WG2522141
Carbon tetrachloride	ND		6.35	1	05/23/2025 19:59	WG2522141
Chlorobenzene	ND		3.18	1	05/23/2025 19:59	WG2522141
Chlorodibromomethane	ND		3.18	1	05/23/2025 19:59	WG2522141
Chloroethane	ND		6.35	1	05/23/2025 19:59	WG2522141
Chloroform	ND		3.18	1	05/23/2025 19:59	WG2522141
Chloromethane	ND	J3	15.9	1	05/23/2025 19:59	WG2522141
2-Chlorotoluene	ND	J3	3.18	1	05/23/2025 19:59	WG2522141
4-Chlorotoluene	ND		6.35	1	05/23/2025 19:59	WG2522141
1,2-Dibromo-3-Chloropropane	ND		31.8	1	05/23/2025 19:59	WG2522141
1,2-Dibromoethane	ND		3.18	1	05/23/2025 19:59	WG2522141
Dibromomethane	ND		6.35	1	05/23/2025 19:59	WG2522141
1,2-Dichlorobenzene	ND		6.35	1	05/23/2025 19:59	WG2522141
1,3-Dichlorobenzene	ND		6.35	1	05/23/2025 19:59	WG2522141
1,4-Dichlorobenzene	ND		6.35	1	05/23/2025 19:59	WG2522141
Dichlorodifluoromethane	ND		6.35	1	05/23/2025 19:59	WG2522141
1,1-Dichloroethane	ND		3.18	1	05/23/2025 19:59	WG2522141
1,2-Dichloroethane	ND	J3	3.18	1	05/23/2025 19:59	WG2522141
1,1-Dichloroethene	ND		3.18	1	05/23/2025 19:59	WG2522141
cis-1,2-Dichloroethene	ND		3.18	1	05/23/2025 19:59	WG2522141
trans-1,2-Dichloroethene	ND		6.35	1	05/23/2025 19:59	WG2522141
1,2-Dichloropropane	ND		6.35	1	05/23/2025 19:59	WG2522141
1,1-Dichloropropene	ND		3.18	1	05/23/2025 19:59	WG2522141
1,3-Dichloropropane	ND		6.35	1	05/23/2025 19:59	WG2522141
cis-1,3-Dichloropropene	ND		3.18	1	05/23/2025 19:59	WG2522141
trans-1,3-Dichloropropene	ND		6.35	1	05/23/2025 19:59	WG2522141
2,2-Dichloropropane	ND		3.18	1	05/23/2025 19:59	WG2522141
Di-isopropyl ether	ND		1.27	1	05/23/2025 19:59	WG2522141
Hexachloro-1,3-butadiene	ND	J3	31.8	1	05/23/2025 19:59	WG2522141
Isopropylbenzene	ND		3.18	1	05/23/2025 19:59	WG2522141
p-Isopropyltoluene	ND	J3	6.35	1	05/23/2025 19:59	WG2522141
2-Butanone (MEK)	ND		127	1	05/23/2025 19:59	WG2522141
Methylene Chloride	ND		31.8	1	05/23/2025 19:59	WG2522141
4-Methyl-2-pentanone (MIBK)	ND		31.8	1	05/23/2025 19:59	WG2522141
Methyl tert-butyl ether	ND		1.27	1	05/23/2025 19:59	WG2522141
n-Propylbenzene	ND		6.35	1	05/23/2025 19:59	WG2522141
Styrene	ND		15.9	1	05/23/2025 19:59	WG2522141
1,1,1,2-Tetrachloroethane	ND		3.18	1	05/23/2025 19:59	WG2522141
1,1,2,2-Tetrachloroethane	ND		3.18	1	05/23/2025 19:59	WG2522141
1,1,2-Trichlorotrifluoroethane	ND		3.18	1	05/23/2025 19:59	WG2522141
Tetrachloroethene	ND	J3	3.18	1	05/23/2025 19:59	WG2522141
1,2,3-Trichlorobenzene	ND	J3	15.9	1	05/23/2025 19:59	WG2522141
1,2,4-Trichlorobenzene	ND	J3	15.9	1	05/23/2025 19:59	WG2522141
1,1,1-Trichloroethane	ND		3.18	1	05/23/2025 19:59	WG2522141
1,1,2-Trichloroethane	ND		3.18	1	05/23/2025 19:59	WG2522141
Trichloroethene	ND		1.27	1	05/23/2025 19:59	WG2522141
Trichlorofluoromethane	ND		3.18	1	05/23/2025 19:59	WG2522141
1,2,3-Trichloropropane	ND	J3	15.9	1	05/23/2025 19:59	WG2522141

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

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
1,2,3-Trimethylbenzene	ND		6.35	1	05/23/2025 19:59	WG2522141
Vinyl chloride	ND		3.18	1	05/23/2025 19:59	WG2522141
(S) Toluene-d8	*90.1*		*75.0-131*		*05/23/2025 19:59*	WG2522141
(S) 4-Bromofluorobenzene	*97.8*		*67.0-138*		*05/23/2025 19:59*	WG2522141
(S) 1,2-Dichloroethane-d4	*81.3*		*70.0-130*		*05/23/2025 19:59*	WG2522141

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		37.8	1	05/23/2025 20:12	WG2522172
Benzidine	ND		1900	1	05/23/2025 20:12	WG2522172
Benzo(g,h,i)perylene	ND		37.8	1	05/23/2025 20:12	WG2522172
Bis(2-chlorethoxy)methane	ND		378	1	05/23/2025 20:12	WG2522172
Bis(2-chloroethyl)ether	ND		378	1	05/23/2025 20:12	WG2522172
2,2-Oxybis(1-Chloropropane)	ND		378	1	05/23/2025 20:12	WG2522172
4-Bromophenyl-phenylether	ND		378	1	05/23/2025 20:12	WG2522172
2-Chloronaphthalene	ND		37.8	1	05/23/2025 20:12	WG2522172
4-Chlorophenyl-phenylether	ND		378	1	05/23/2025 20:12	WG2522172
1,2-Dichlorobenzene	ND		378	1	05/23/2025 20:12	WG2522172
1,3-Dichlorobenzene	ND		378	1	05/23/2025 20:12	WG2522172
1,4-Dichlorobenzene	ND		378	1	05/23/2025 20:12	WG2522172
3,3-Dichlorobenzidine	ND		378	1	05/23/2025 20:12	WG2522172
2,4-Dinitrotoluene	ND		378	1	05/23/2025 20:12	WG2522172
2,6-Dinitrotoluene	ND		378	1	05/23/2025 20:12	WG2522172
Hexachlorobenzene	ND		378	1	05/23/2025 20:12	WG2522172
Hexachloro-1,3-butadiene	ND		378	1	05/23/2025 20:12	WG2522172
Hexachlorocyclopentadiene	ND	C7	378	1	05/23/2025 20:12	WG2522172
Hexachloroethane	ND		378	1	05/23/2025 20:12	WG2522172
Isophorone	ND		378	1	05/23/2025 20:12	WG2522172
Nitrobenzene	ND		378	1	05/23/2025 20:12	WG2522172
n-Nitrosodimethylamine	ND		378	1	05/23/2025 20:12	WG2522172
n-Nitrosodiphenylamine	ND		378	1	05/23/2025 20:12	WG2522172
n-Nitrosodi-n-propylamine	ND		378	1	05/23/2025 20:12	WG2522172
Phenanthrene	ND		37.8	1	05/23/2025 20:12	WG2522172
Benzylbutyl phthalate	ND		378	1	05/23/2025 20:12	WG2522172
Bis(2-ethylhexyl)phthalate	ND		378	1	05/23/2025 20:12	WG2522172
Di-n-butyl phthalate	ND		378	1	05/23/2025 20:12	WG2522172
Diethyl phthalate	ND		378	1	05/23/2025 20:12	WG2522172
Dimethyl phthalate	ND		378	1	05/23/2025 20:12	WG2522172
Di-n-octyl phthalate	ND		378	1	05/23/2025 20:12	WG2522172
1,2,4-Trichlorobenzene	ND		378	1	05/23/2025 20:12	WG2522172
4-Chloro-3-methylphenol	ND		378	1	05/23/2025 20:12	WG2522172
2-Chlorophenol	ND		378	1	05/23/2025 20:12	WG2522172
2,4-Dichlorophenol	ND		378	1	05/23/2025 20:12	WG2522172
2,4-Dimethylphenol	ND		378	1	05/23/2025 20:12	WG2522172
4,6-Dinitro-2-methylphenol	ND		378	1	05/23/2025 20:12	WG2522172
2,4-Dinitrophenol	ND		378	1	05/23/2025 20:12	WG2522172
2-Nitrophenol	ND		378	1	05/23/2025 20:12	WG2522172
4-Nitrophenol	ND		378	1	05/23/2025 20:12	WG2522172
Pentachlorophenol	ND		378	1	05/23/2025 20:12	WG2522172
Phenol	ND		378	1	05/23/2025 20:12	WG2522172
2,4,6-Trichlorophenol	ND		378	1	05/23/2025 20:12	WG2522172
(S) 2-Fluorophenol	*77.2*		*12.0-120*		*05/23/2025 20:12*	WG2522172
(S) Phenol-d5	*74.1*		*10.0-120*		*05/23/2025 20:12*	WG2522172
(S) Nitrobenzene-d5	*77.3*		*10.0-122*		*05/23/2025 20:12*	WG2522172
(S) 2-Fluorobiphenyl	*69.3*		*15.0-120*		*05/23/2025 20:12*	WG2522172

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

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
(S) 2,4,6-Tribromophenol	*81.2*		*10.0-127*		*05/23/2025 20:12*	WG2522172
(S) p-Terphenyl-d14	*71.7*		*10.0-120*		*05/23/2025 20:12*	WG2522172

Calculated Results

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Total Nitrogen	2550000		21600	1	05/24/2025 20:12	WG2522255

Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	92.5		1	05/23/2025 12:59	WG2522029

Wet Chemistry by Method 350.1

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Ammonia Nitrogen	ND		10800	1	05/25/2025 00:39	WG2522300

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	2540000		108000	5	05/24/2025 13:07	WG2522185

Wet Chemistry by Method 9056A

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	ND		21600	1	05/24/2025 20:12	WG2522255

Wet Chemistry by Method WALKLEY-BLACK

Analyte	Result ug/kg	Qualifier	RDL ug/kg	Dilution	Analysis date / time	Batch
TOC By Walkley Black	40300000		500000	5	05/24/2025 18:02	WG2522211

Metals (ICP) by Method 6010D

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Aluminum	2380000		21600	1	05/24/2025 01:05	WG2522246
Antimony	ND		2160	1	05/24/2025 01:05	WG2522246
Beryllium	277		216	1	05/24/2025 01:05	WG2522246
Calcium	3810000		108000	1	05/24/2025 01:05	WG2522246
Chromium	3520		1080	1	05/24/2025 01:05	WG2522246
Cobalt	2150		1080	1	05/24/2025 01:05	WG2522246
Iron	3780000		10800	1	05/24/2025 01:05	WG2522246
Magnesium	1160000		108000	1	05/24/2025 01:05	WG2522246
Manganese	149000		1080	1	05/24/2025 01:05	WG2522246
Potassium	1010000		108000	1	05/24/2025 01:05	WG2522246
Sodium	548000		108000	1	05/24/2025 01:05	WG2522246
Thallium	ND		2160	1	05/24/2025 14:44	WG2522246
Vanadium	7140		2160	1	05/24/2025 01:05	WG2522246

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		58.1	1	05/23/2025 20:18	WG2522141
Acrylonitrile	ND		14.5	1	05/23/2025 20:18	WG2522141
Bromobenzene	ND		14.5	1	05/23/2025 20:18	WG2522141
Bromodichloromethane	ND		2.90	1	05/23/2025 20:18	WG2522141
Bromoform	ND		29.0	1	05/23/2025 20:18	WG2522141

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		14.5	1	05/23/2025 20:18	WG2522141
n-Butylbenzene	ND		14.5	1	05/23/2025 20:18	WG2522141
sec-Butylbenzene	ND		14.5	1	05/23/2025 20:18	WG2522141
tert-Butylbenzene	ND		5.81	1	05/23/2025 20:18	WG2522141
Carbon tetrachloride	ND		5.81	1	05/23/2025 20:18	WG2522141
Chlorobenzene	ND		2.90	1	05/23/2025 20:18	WG2522141
Chlorodibromomethane	ND		2.90	1	05/23/2025 20:18	WG2522141
Chloroethane	ND		5.81	1	05/23/2025 20:18	WG2522141
Chloroform	ND		2.90	1	05/23/2025 20:18	WG2522141
Chloromethane	ND	J3	14.5	1	05/23/2025 20:18	WG2522141
2-Chlorotoluene	ND	J3	2.90	1	05/23/2025 20:18	WG2522141
4-Chlorotoluene	ND		5.81	1	05/23/2025 20:18	WG2522141
1,2-Dibromo-3-Chloropropane	ND		29.0	1	05/23/2025 20:18	WG2522141
1,2-Dibromoethane	ND		2.90	1	05/23/2025 20:18	WG2522141
Dibromomethane	ND		5.81	1	05/23/2025 20:18	WG2522141
1,2-Dichlorobenzene	ND		5.81	1	05/23/2025 20:18	WG2522141
1,3-Dichlorobenzene	ND		5.81	1	05/23/2025 20:18	WG2522141
1,4-Dichlorobenzene	ND		5.81	1	05/23/2025 20:18	WG2522141
Dichlorodifluoromethane	ND		5.81	1	05/23/2025 20:18	WG2522141
1,1-Dichloroethane	ND		2.90	1	05/23/2025 20:18	WG2522141
1,2-Dichloroethane	ND	J3	2.90	1	05/23/2025 20:18	WG2522141
1,1-Dichloroethene	ND		2.90	1	05/23/2025 20:18	WG2522141
cis-1,2-Dichloroethene	ND		2.90	1	05/23/2025 20:18	WG2522141
trans-1,2-Dichloroethene	ND		5.81	1	05/23/2025 20:18	WG2522141
1,2-Dichloropropane	ND		5.81	1	05/23/2025 20:18	WG2522141
1,1-Dichloropropene	ND		2.90	1	05/23/2025 20:18	WG2522141
1,3-Dichloropropane	ND		5.81	1	05/23/2025 20:18	WG2522141
cis-1,3-Dichloropropene	ND		2.90	1	05/23/2025 20:18	WG2522141
trans-1,3-Dichloropropene	ND		5.81	1	05/23/2025 20:18	WG2522141
2,2-Dichloropropane	ND		2.90	1	05/23/2025 20:18	WG2522141
Di-isopropyl ether	ND		1.16	1	05/23/2025 20:18	WG2522141
Hexachloro-1,3-butadiene	ND	J3	29.0	1	05/23/2025 20:18	WG2522141
Isopropylbenzene	ND		2.90	1	05/23/2025 20:18	WG2522141
p-Isopropyltoluene	ND	J3	5.81	1	05/23/2025 20:18	WG2522141
2-Butanone (MEK)	ND		116	1	05/23/2025 20:18	WG2522141
Methylene Chloride	ND		29.0	1	05/23/2025 20:18	WG2522141
4-Methyl-2-pentanone (MIBK)	ND		29.0	1	05/23/2025 20:18	WG2522141
Methyl tert-butyl ether	ND		1.16	1	05/23/2025 20:18	WG2522141
n-Propylbenzene	ND		5.81	1	05/23/2025 20:18	WG2522141
Styrene	ND		14.5	1	05/23/2025 20:18	WG2522141
1,1,1,2-Tetrachloroethane	ND		2.90	1	05/23/2025 20:18	WG2522141
1,1,2,2-Tetrachloroethane	ND		2.90	1	05/23/2025 20:18	WG2522141
1,1,2-Trichlorotrifluoroethane	ND		2.90	1	05/23/2025 20:18	WG2522141
Tetrachloroethene	ND	J3	2.90	1	05/23/2025 20:18	WG2522141
1,2,3-Trichlorobenzene	ND	J3	14.5	1	05/23/2025 20:18	WG2522141
1,2,4-Trichlorobenzene	ND	J3	14.5	1	05/23/2025 20:18	WG2522141
1,1,1-Trichloroethane	ND		2.90	1	05/23/2025 20:18	WG2522141
1,1,2-Trichloroethane	ND		2.90	1	05/23/2025 20:18	WG2522141
Trichloroethene	ND		1.16	1	05/23/2025 20:18	WG2522141
Trichlorofluoromethane	ND		2.90	1	05/23/2025 20:18	WG2522141
1,2,3-Trichloropropane	ND	J3	14.5	1	05/23/2025 20:18	WG2522141
1,2,3-Trimethylbenzene	ND		5.81	1	05/23/2025 20:18	WG2522141
Vinyl chloride	ND		2.90	1	05/23/2025 20:18	WG2522141
(S) Toluene-d8	*97.4*		*75.0-131*		*05/23/2025 20:18*	WG2522141
(S) 4-Bromofluorobenzene	*109*		*67.0-138*		*05/23/2025 20:18*	WG2522141
(S) 1,2-Dichloroethane-d4	*101*		*70.0-130*		*05/23/2025 20:18*	WG2522141

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		36.0	1	05/23/2025 20:33	WG2522172
Benzidine	ND		1800	1	05/23/2025 20:33	WG2522172
Benzo(g,h,i)perylene	ND		36.0	1	05/23/2025 20:33	WG2522172
Bis(2-chlorethoxy)methane	ND		360	1	05/23/2025 20:33	WG2522172
Bis(2-chloroethyl)ether	ND		360	1	05/23/2025 20:33	WG2522172
2,2-Oxybis(1-Chloropropane)	ND		360	1	05/23/2025 20:33	WG2522172
4-Bromophenyl-phenylether	ND		360	1	05/23/2025 20:33	WG2522172
2-Chloronaphthalene	ND		36.0	1	05/23/2025 20:33	WG2522172
4-Chlorophenyl-phenylether	ND		360	1	05/23/2025 20:33	WG2522172
1,2-Dichlorobenzene	ND		360	1	05/23/2025 20:33	WG2522172
1,3-Dichlorobenzene	ND		360	1	05/23/2025 20:33	WG2522172
1,4-Dichlorobenzene	ND		360	1	05/23/2025 20:33	WG2522172
3,3-Dichlorobenzidine	ND		360	1	05/23/2025 20:33	WG2522172
2,4-Dinitrotoluene	ND		360	1	05/23/2025 20:33	WG2522172
2,6-Dinitrotoluene	ND		360	1	05/23/2025 20:33	WG2522172
Hexachlorobenzene	ND		360	1	05/23/2025 20:33	WG2522172
Hexachloro-1,3-butadiene	ND		360	1	05/23/2025 20:33	WG2522172
Hexachlorocyclopentadiene	ND	C7	360	1	05/23/2025 20:33	WG2522172
Hexachloroethane	ND		360	1	05/23/2025 20:33	WG2522172
Isophorone	ND		360	1	05/23/2025 20:33	WG2522172
Nitrobenzene	ND		360	1	05/23/2025 20:33	WG2522172
n-Nitrosodimethylamine	ND		360	1	05/23/2025 20:33	WG2522172
n-Nitrosodiphenylamine	ND		360	1	05/23/2025 20:33	WG2522172
n-Nitrosodi-n-propylamine	ND		360	1	05/23/2025 20:33	WG2522172
Phenanthrene	ND		36.0	1	05/23/2025 20:33	WG2522172
Benzylbutyl phthalate	ND		360	1	05/23/2025 20:33	WG2522172
Bis(2-ethylhexyl)phthalate	ND		360	1	05/23/2025 20:33	WG2522172
Di-n-butyl phthalate	ND		360	1	05/23/2025 20:33	WG2522172
Diethyl phthalate	ND		360	1	05/23/2025 20:33	WG2522172
Dimethyl phthalate	ND		360	1	05/23/2025 20:33	WG2522172
Di-n-octyl phthalate	ND		360	1	05/23/2025 20:33	WG2522172
1,2,4-Trichlorobenzene	ND		360	1	05/23/2025 20:33	WG2522172
4-Chloro-3-methylphenol	ND		360	1	05/23/2025 20:33	WG2522172
2-Chlorophenol	ND		360	1	05/23/2025 20:33	WG2522172
2,4-Dichlorophenol	ND		360	1	05/23/2025 20:33	WG2522172
2,4-Dimethylphenol	ND		360	1	05/23/2025 20:33	WG2522172
4,6-Dinitro-2-methylphenol	ND		360	1	05/23/2025 20:33	WG2522172
2,4-Dinitrophenol	ND		360	1	05/23/2025 20:33	WG2522172
2-Nitrophenol	ND		360	1	05/23/2025 20:33	WG2522172
4-Nitrophenol	ND		360	1	05/23/2025 20:33	WG2522172
Pentachlorophenol	ND		360	1	05/23/2025 20:33	WG2522172
Phenol	ND		360	1	05/23/2025 20:33	WG2522172
2,4,6-Trichlorophenol	ND		360	1	05/23/2025 20:33	WG2522172
(S) 2-Fluorophenol	*70.2*		*12.0-120*		*05/23/2025 20:33*	WG2522172
(S) Phenol-d5	*65.9*		*10.0-120*		*05/23/2025 20:33*	WG2522172
(S) Nitrobenzene-d5	*68.5*		*10.0-122*		*05/23/2025 20:33*	WG2522172
(S) 2-Fluorobiphenyl	*62.7*		*15.0-120*		*05/23/2025 20:33*	WG2522172
(S) 2,4,6-Tribromophenol	*73.9*		*10.0-127*		*05/23/2025 20:33*	WG2522172
(S) p-Terphenyl-d14	*69.1*		*10.0-120*		*05/23/2025 20:33*	WG2522172

Calculated Results

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Total Nitrogen	3180000		27300	1	05/24/2025 20:27	WG2522255

Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	73.3		1	05/23/2025 12:59	WG2522029

Wet Chemistry by Method 350.1

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Ammonia Nitrogen	ND		13600	1	05/25/2025 00:40	WG2522300

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	3160000		136000	5	05/24/2025 13:07	WG2522185

Wet Chemistry by Method 9056A

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	ND		27300	1	05/24/2025 20:27	WG2522255

Wet Chemistry by Method WALKLEY-BLACK

Analyte	Result ug/kg	Qualifier	RDL ug/kg	Dilution	Analysis date / time	Batch
TOC By Walkley Black	39700000		1000000	10	05/24/2025 18:06	WG2522211

Metals (ICP) by Method 6010D

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Aluminum	2510000		27300	1	05/24/2025 01:07	WG2522246
Antimony	ND		2730	1	05/24/2025 01:07	WG2522246
Beryllium	306		273	1	05/24/2025 01:07	WG2522246
Calcium	4300000		136000	1	05/24/2025 01:07	WG2522246
Chromium	3770		1360	1	05/24/2025 01:07	WG2522246
Cobalt	2160		1360	1	05/24/2025 01:07	WG2522246
Iron	4190000		13600	1	05/24/2025 01:07	WG2522246
Magnesium	1220000		136000	1	05/24/2025 01:07	WG2522246
Manganese	151000		1360	1	05/24/2025 01:07	WG2522246
Potassium	1090000		136000	1	05/24/2025 01:07	WG2522246
Sodium	607000		136000	1	05/24/2025 01:07	WG2522246
Thallium	ND		2730	1	05/24/2025 14:45	WG2522246
Vanadium	7850		2730	1	05/24/2025 01:07	WG2522246

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		86.4	1	05/23/2025 20:37	WG2522141
Acrylonitrile	ND		21.6	1	05/23/2025 20:37	WG2522141
Bromobenzene	ND		21.6	1	05/23/2025 20:37	WG2522141
Bromodichloromethane	ND		4.32	1	05/23/2025 20:37	WG2522141
Bromoform	ND		43.2	1	05/23/2025 20:37	WG2522141

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		21.6	1	05/23/2025 20:37	WG2522141
n-Butylbenzene	ND		21.6	1	05/23/2025 20:37	WG2522141
sec-Butylbenzene	ND		21.6	1	05/23/2025 20:37	WG2522141
tert-Butylbenzene	ND		8.64	1	05/23/2025 20:37	WG2522141
Carbon tetrachloride	ND		8.64	1	05/23/2025 20:37	WG2522141
Chlorobenzene	ND		4.32	1	05/23/2025 20:37	WG2522141
Chlorodibromomethane	ND		4.32	1	05/23/2025 20:37	WG2522141
Chloroethane	ND		8.64	1	05/23/2025 20:37	WG2522141
Chloroform	ND		4.32	1	05/23/2025 20:37	WG2522141
Chloromethane	ND	J3	21.6	1	05/23/2025 20:37	WG2522141
2-Chlorotoluene	ND	J3	4.32	1	05/23/2025 20:37	WG2522141
4-Chlorotoluene	ND		8.64	1	05/23/2025 20:37	WG2522141
1,2-Dibromo-3-Chloropropane	ND		43.2	1	05/23/2025 20:37	WG2522141
1,2-Dibromoethane	ND		4.32	1	05/23/2025 20:37	WG2522141
Dibromomethane	ND		8.64	1	05/23/2025 20:37	WG2522141
1,2-Dichlorobenzene	ND		8.64	1	05/23/2025 20:37	WG2522141
1,3-Dichlorobenzene	ND		8.64	1	05/23/2025 20:37	WG2522141
1,4-Dichlorobenzene	ND		8.64	1	05/23/2025 20:37	WG2522141
Dichlorodifluoromethane	ND		8.64	1	05/23/2025 20:37	WG2522141
1,1-Dichloroethane	ND		4.32	1	05/23/2025 20:37	WG2522141
1,2-Dichloroethane	ND	J3	4.32	1	05/23/2025 20:37	WG2522141
1,1-Dichloroethene	ND		4.32	1	05/23/2025 20:37	WG2522141
cis-1,2-Dichloroethene	ND		4.32	1	05/23/2025 20:37	WG2522141
trans-1,2-Dichloroethene	ND		8.64	1	05/23/2025 20:37	WG2522141
1,2-Dichloropropane	ND		8.64	1	05/23/2025 20:37	WG2522141
1,1-Dichloropropene	ND		4.32	1	05/23/2025 20:37	WG2522141
1,3-Dichloropropane	ND		8.64	1	05/23/2025 20:37	WG2522141
cis-1,3-Dichloropropene	ND		4.32	1	05/23/2025 20:37	WG2522141
trans-1,3-Dichloropropene	ND		8.64	1	05/23/2025 20:37	WG2522141
2,2-Dichloropropane	ND		4.32	1	05/23/2025 20:37	WG2522141
Di-isopropyl ether	ND		1.73	1	05/23/2025 20:37	WG2522141
Hexachloro-1,3-butadiene	ND	J3	43.2	1	05/23/2025 20:37	WG2522141
Isopropylbenzene	ND		4.32	1	05/23/2025 20:37	WG2522141
p-Isopropyltoluene	ND	J3	8.64	1	05/23/2025 20:37	WG2522141
2-Butanone (MEK)	ND		173	1	05/23/2025 20:37	WG2522141
Methylene Chloride	ND		43.2	1	05/23/2025 20:37	WG2522141
4-Methyl-2-pentanone (MIBK)	ND		43.2	1	05/23/2025 20:37	WG2522141
Methyl tert-butyl ether	ND		1.73	1	05/23/2025 20:37	WG2522141
n-Propylbenzene	ND		8.64	1	05/23/2025 20:37	WG2522141
Styrene	ND		21.6	1	05/23/2025 20:37	WG2522141
1,1,1,2-Tetrachloroethane	ND		4.32	1	05/23/2025 20:37	WG2522141
1,1,2,2-Tetrachloroethane	ND		4.32	1	05/23/2025 20:37	WG2522141
1,1,2-Trichlorotrifluoroethane	ND		4.32	1	05/23/2025 20:37	WG2522141
Tetrachloroethene	ND	J3	4.32	1	05/23/2025 20:37	WG2522141
1,2,3-Trichlorobenzene	ND	J3	21.6	1	05/23/2025 20:37	WG2522141
1,2,4-Trichlorobenzene	ND	J3	21.6	1	05/23/2025 20:37	WG2522141
1,1,1-Trichloroethane	ND		4.32	1	05/23/2025 20:37	WG2522141
1,1,2-Trichloroethane	ND		4.32	1	05/23/2025 20:37	WG2522141
Trichloroethene	ND		1.73	1	05/23/2025 20:37	WG2522141
Trichlorofluoromethane	ND		4.32	1	05/23/2025 20:37	WG2522141
1,2,3-Trichloropropane	ND	J3	21.6	1	05/23/2025 20:37	WG2522141
1,2,3-Trimethylbenzene	ND		8.64	1	05/23/2025 20:37	WG2522141
Vinyl chloride	ND		4.32	1	05/23/2025 20:37	WG2522141
(S) Toluene-d8	*96.9*		*75.0-131*		*05/23/2025 20:37*	WG2522141
(S) 4-Bromofluorobenzene	*90.6*		*67.0-138*		*05/23/2025 20:37*	WG2522141
(S) 1,2-Dichloroethane-d4	*109*		*70.0-130*		*05/23/2025 20:37*	WG2522141

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		45.4	1	05/23/2025 20:53	WG2522172
Benzidine	ND		2280	1	05/23/2025 20:53	WG2522172
Benzo(g,h,i)perylene	ND		45.4	1	05/23/2025 20:53	WG2522172
Bis(2-chlorethoxy)methane	ND		454	1	05/23/2025 20:53	WG2522172
Bis(2-chloroethyl)ether	ND		454	1	05/23/2025 20:53	WG2522172
2,2-Oxybis(1-Chloropropane)	ND		454	1	05/23/2025 20:53	WG2522172
4-Bromophenyl-phenylether	ND		454	1	05/23/2025 20:53	WG2522172
2-Chloronaphthalene	ND		45.4	1	05/23/2025 20:53	WG2522172
4-Chlorophenyl-phenylether	ND		454	1	05/23/2025 20:53	WG2522172
1,2-Dichlorobenzene	ND		454	1	05/23/2025 20:53	WG2522172
1,3-Dichlorobenzene	ND		454	1	05/23/2025 20:53	WG2522172
1,4-Dichlorobenzene	ND		454	1	05/23/2025 20:53	WG2522172
3,3-Dichlorobenzidine	ND		454	1	05/23/2025 20:53	WG2522172
2,4-Dinitrotoluene	ND		454	1	05/23/2025 20:53	WG2522172
2,6-Dinitrotoluene	ND		454	1	05/23/2025 20:53	WG2522172
Hexachlorobenzene	ND		454	1	05/23/2025 20:53	WG2522172
Hexachloro-1,3-butadiene	ND		454	1	05/23/2025 20:53	WG2522172
Hexachlorocyclopentadiene	ND	C7	454	1	05/23/2025 20:53	WG2522172
Hexachloroethane	ND		454	1	05/23/2025 20:53	WG2522172
Isophorone	ND		454	1	05/23/2025 20:53	WG2522172
Nitrobenzene	ND		454	1	05/23/2025 20:53	WG2522172
n-Nitrosodimethylamine	ND		454	1	05/23/2025 20:53	WG2522172
n-Nitrosodiphenylamine	ND		454	1	05/23/2025 20:53	WG2522172
n-Nitrosodi-n-propylamine	ND		454	1	05/23/2025 20:53	WG2522172
Phenanthrene	ND		45.4	1	05/23/2025 20:53	WG2522172
Benzylbutyl phthalate	ND		454	1	05/23/2025 20:53	WG2522172
Bis(2-ethylhexyl)phthalate	ND		454	1	05/23/2025 20:53	WG2522172
Di-n-butyl phthalate	ND		454	1	05/23/2025 20:53	WG2522172
Diethyl phthalate	ND		454	1	05/23/2025 20:53	WG2522172
Dimethyl phthalate	ND		454	1	05/23/2025 20:53	WG2522172
Di-n-octyl phthalate	ND		454	1	05/23/2025 20:53	WG2522172
1,2,4-Trichlorobenzene	ND		454	1	05/23/2025 20:53	WG2522172
4-Chloro-3-methylphenol	ND		454	1	05/23/2025 20:53	WG2522172
2-Chlorophenol	ND		454	1	05/23/2025 20:53	WG2522172
2,4-Dichlorophenol	ND		454	1	05/23/2025 20:53	WG2522172
2,4-Dimethylphenol	ND		454	1	05/23/2025 20:53	WG2522172
4,6-Dinitro-2-methylphenol	ND		454	1	05/23/2025 20:53	WG2522172
2,4-Dinitrophenol	ND		454	1	05/23/2025 20:53	WG2522172
2-Nitrophenol	ND		454	1	05/23/2025 20:53	WG2522172
4-Nitrophenol	ND		454	1	05/23/2025 20:53	WG2522172
Pentachlorophenol	ND		454	1	05/23/2025 20:53	WG2522172
Phenol	ND		454	1	05/23/2025 20:53	WG2522172
2,4,6-Trichlorophenol	ND		454	1	05/23/2025 20:53	WG2522172
(S) 2-Fluorophenol	*69.5*		*12.0-120*		*05/23/2025 20:53*	WG2522172
(S) Phenol-d5	*67.2*		*10.0-120*		*05/23/2025 20:53*	WG2522172
(S) Nitrobenzene-d5	*69.3*		*10.0-122*		*05/23/2025 20:53*	WG2522172
(S) 2-Fluorobiphenyl	*64.4*		*15.0-120*		*05/23/2025 20:53*	WG2522172
(S) 2,4,6-Tribromophenol	*75.7*		*10.0-127*		*05/23/2025 20:53*	WG2522172
(S) p-Terphenyl-d14	*71.8*		*10.0-120*		*05/23/2025 20:53*	WG2522172

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 15:41	WG2522013
Acrolein	ND		50.0	1	05/23/2025 15:41	WG2522013
Acrylonitrile	ND		10.0	1	05/23/2025 15:41	WG2522013
Benzene	ND		1.00	1	05/23/2025 15:41	WG2522013
Bromobenzene	ND		1.00	1	05/23/2025 15:41	WG2522013
Bromodichloromethane	ND		1.00	1	05/23/2025 15:41	WG2522013
Bromoform	ND		1.00	1	05/23/2025 15:41	WG2522013
Bromomethane	ND	J4	5.00	1	05/23/2025 15:41	WG2522013
n-Butylbenzene	ND		1.00	1	05/23/2025 15:41	WG2522013
sec-Butylbenzene	ND		1.00	1	05/23/2025 15:41	WG2522013
tert-Butylbenzene	ND		1.00	1	05/23/2025 15:41	WG2522013
Carbon tetrachloride	ND		1.00	1	05/23/2025 15:41	WG2522013
Chlorobenzene	ND		1.00	1	05/23/2025 15:41	WG2522013
Chlorodibromomethane	ND		1.00	1	05/23/2025 15:41	WG2522013
Chloroethane	ND		5.00	1	05/23/2025 15:41	WG2522013
Chloroform	ND		5.00	1	05/23/2025 15:41	WG2522013
Chloromethane	ND		2.50	1	05/23/2025 15:41	WG2522013
2-Chlorotoluene	ND		1.00	1	05/23/2025 15:41	WG2522013
4-Chlorotoluene	ND		1.00	1	05/23/2025 15:41	WG2522013
1,2-Dibromo-3-Chloropropane	ND	C3	5.00	1	05/23/2025 15:41	WG2522013
1,2-Dibromoethane	ND		1.00	1	05/23/2025 15:41	WG2522013
Dibromomethane	ND		1.00	1	05/23/2025 15:41	WG2522013
1,2-Dichlorobenzene	ND		1.00	1	05/23/2025 15:41	WG2522013
1,3-Dichlorobenzene	ND		1.00	1	05/23/2025 15:41	WG2522013
1,4-Dichlorobenzene	ND		1.00	1	05/23/2025 15:41	WG2522013
Dichlorodifluoromethane	ND		5.00	1	05/23/2025 15:41	WG2522013
1,1-Dichloroethane	ND		1.00	1	05/23/2025 15:41	WG2522013
1,2-Dichloroethane	ND		1.00	1	05/23/2025 15:41	WG2522013
1,1-Dichloroethene	ND		1.00	1	05/23/2025 15:41	WG2522013
cis-1,2-Dichloroethene	ND		1.00	1	05/23/2025 15:41	WG2522013
trans-1,2-Dichloroethene	ND		1.00	1	05/23/2025 15:41	WG2522013
1,2-Dichloropropane	ND		1.00	1	05/23/2025 15:41	WG2522013
1,1-Dichloropropene	ND		1.00	1	05/23/2025 15:41	WG2522013
1,3-Dichloropropane	ND		1.00	1	05/23/2025 15:41	WG2522013
cis-1,3-Dichloropropene	ND		1.00	1	05/23/2025 15:41	WG2522013
trans-1,3-Dichloropropene	ND		1.00	1	05/23/2025 15:41	WG2522013
2,2-Dichloropropane	ND		1.00	1	05/23/2025 15:41	WG2522013
Di-isopropyl ether	ND		1.00	1	05/23/2025 15:41	WG2522013
Ethylbenzene	ND		1.00	1	05/23/2025 15:41	WG2522013
Hexachloro-1,3-butadiene	ND		1.00	1	05/23/2025 15:41	WG2522013
Isopropylbenzene	ND		1.00	1	05/23/2025 15:41	WG2522013
p-Isopropyltoluene	ND		1.00	1	05/23/2025 15:41	WG2522013
2-Butanone (MEK)	ND		10.0	1	05/23/2025 15:41	WG2522013
Methylene Chloride	ND		5.00	1	05/23/2025 15:41	WG2522013
4-Methyl-2-pentanone (MIBK)	ND		10.0	1	05/23/2025 15:41	WG2522013
Methyl tert-butyl ether	ND		1.00	1	05/23/2025 15:41	WG2522013
Naphthalene	ND	C3	5.00	1	05/23/2025 15:41	WG2522013
n-Propylbenzene	ND		1.00	1	05/23/2025 15:41	WG2522013
Styrene	ND		1.00	1	05/23/2025 15:41	WG2522013
1,1,1,2-Tetrachloroethane	ND		1.00	1	05/23/2025 15:41	WG2522013
1,1,2,2-Tetrachloroethane	ND		1.00	1	05/23/2025 15:41	WG2522013
1,1,2-Trichlorotrifluoroethane	ND		1.00	1	05/23/2025 15:41	WG2522013
Tetrachloroethene	ND		1.00	1	05/23/2025 15:41	WG2522013
Toluene	ND		1.00	1	05/23/2025 15:41	WG2522013
1,2,3-Trichlorobenzene	ND	C3	1.00	1	05/23/2025 15:41	WG2522013
1,2,4-Trichlorobenzene	ND	C3	1.00	1	05/23/2025 15:41	WG2522013

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 15:41	WG2522013
1,1,2-Trichloroethane	ND		1.00	1	05/23/2025 15:41	WG2522013
Trichloroethene	ND		1.00	1	05/23/2025 15:41	WG2522013
Trichlorofluoromethane	ND		5.00	1	05/23/2025 15:41	WG2522013
1,2,3-Trichloropropane	ND		2.50	1	05/23/2025 15:41	WG2522013
1,2,4-Trimethylbenzene	ND		1.00	1	05/23/2025 15:41	WG2522013
1,2,3-Trimethylbenzene	ND		1.00	1	05/23/2025 15:41	WG2522013
1,3,5-Trimethylbenzene	ND		1.00	1	05/23/2025 15:41	WG2522013
Vinyl chloride	ND		1.00	1	05/23/2025 15:41	WG2522013
Xylenes, Total	ND		3.00	1	05/23/2025 15:41	WG2522013
(S) Toluene-d8	*110*		*80.0-120*		*05/23/2025 15:41*	WG2522013
(S) 4-Bromofluorobenzene	*98.7*		*77.0-126*		*05/23/2025 15:41*	WG2522013
(S) 1,2-Dichloroethane-d4	*100*		*70.0-130*		*05/23/2025 15:41*	WG2522013

Method Blank (MB)

(MB) R4219972-1 05/23/25 13:15

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

L1862233-10 Original Sample (OS) • Duplicate (DUP)

(OS) L1862233-10 05/23/25 13:15 • (DUP) R4219972-3 05/23/25 13:15

Analyte	Original Result %	DUP Result %	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Total Solids	91.4	90.9	1	0.590		10

Laboratory Control Sample (LCS)

(LCS) R4219972-2 05/23/25 13:15

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) R4219971-1 05/23/25 12:59

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

L1862234-03 Original Sample (OS) • Duplicate (DUP)

(OS) L1862234-03 05/23/25 12:59 • (DUP) R4219971-3 05/23/25 12:59

Analyte	Original Result %	DUP Result %	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Total Solids	93.4	93.4	1	0.0611		10

Laboratory Control Sample (LCS)

(LCS) R4219971-2 05/23/25 12:59

Analyte	Spike Amount %	LCS Result %	LCS Rec. %	Rec. Limits %	LCS Qualifier
Total Solids	50.0	50.1	100	90.0-110	

Method Blank (MB)

(MB) R4220232-1 05/25/25 01:15

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

L1862209-06 Original Sample (OS) • Duplicate (DUP)

(OS) L1862209-06 05/25/25 01:28 • (DUP) R4220232-5 05/25/25 01:34

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

L1862215-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1862215-01 05/25/25 01:36 • (DUP) R4220232-6 05/25/25 01:37

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) R4220232-2 05/25/25 01:16

Analyte	Spike Amount ug/kg	LCS Result ug/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Ammonia Nitrogen	250000	246000	98.4	90.0-110	

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

(OS) L1862209-01 05/25/25 01:18 • (MS) R4220232-3 05/25/25 01:19 • (MSD) R4220232-4 05/25/25 01:21

Analyte	Spike Amount (dry) ug/kg	Original Result (dry) ug/kg	MS Result (dry) ug/kg	MSD Result (dry) ug/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Ammonia Nitrogen	272000	ND	286000	285000	105	105	1	90.0-110			0.349	20

Method Blank (MB)

(MB) R4220229-1 05/25/25 00:09

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

L1862233-03 Original Sample (OS) • Duplicate (DUP)

(OS) L1862233-03 05/25/25 00:13 • (DUP) R4220229-3 05/25/25 00:15

Analyte	Original Result (dry) ug/kg	DUP Result (dry) ug/kg	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Ammonia Nitrogen	ND	ND	1	200	P1	20

L1862233-11 Original Sample (OS) • Duplicate (DUP)

(OS) L1862233-11 05/25/25 00:33 • (DUP) R4220229-6 05/25/25 00:34

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) R4220229-2 05/25/25 00:10

Analyte	Spike Amount ug/kg	LCS Result ug/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Ammonia Nitrogen	250000	248000	99.0	90.0-110	

L1862233-10 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1862233-10 05/25/25 00:28 • (MS) R4220229-4 05/25/25 00:30 • (MSD) R4220229-5 05/25/25 00:31

Analyte	Spike Amount (dry) ug/kg	Original Result (dry) ug/kg	MS Result (dry) ug/kg	MSD Result (dry) ug/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Ammonia Nitrogen	273000	ND	292000	284000	107	104	1	90.0-110			2.66	20

Method Blank (MB)

(MB) R4220075-1 05/24/25 12:43

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

L1862215-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1862215-01 05/24/25 12:46 • (DUP) R4220075-5 05/24/25 12:47

Analyte	Original Result (dry) ug/kg	DUP Result (dry) ug/kg	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Kjeldahl Nitrogen, TKN	1830000	2640000	5	36.4	J3	20

L1862233-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1862233-01 05/24/25 12:49 • (DUP) R4220075-7 05/24/25 12:49

Analyte	Original Result (dry) ug/kg	DUP Result (dry) ug/kg	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Kjeldahl Nitrogen, TKN	2190000	2030000	5	7.91		20

Laboratory Control Sample (LCS)

(LCS) R4220075-3 05/24/25 12:45

Analyte	Spike Amount ug/kg	LCS Result ug/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Kjeldahl Nitrogen, TKN	480000	449000	93.6	81.7-124	

L1862233-10 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1862233-10 05/24/25 13:00 • (MS) R4220075-9 05/24/25 13:01 • (MSD) R4220075-11 05/24/25 13:02

Analyte	Spike Amount (dry) ug/kg	Original Result (dry) ug/kg	MS Result (dry) ug/kg	MSD Result (dry) ug/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Kjeldahl Nitrogen, TKN	437000	2980000	3260000	3200000	61.9	49.2	5	81.7-124	V	V	1.72	20

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

(OS) L1862234-03 05/24/25 13:12 • (MS) R4220075-13 05/24/25 13:14 • (MSD) R4220075-15 05/24/25 13:15

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	428000	1410000	1930000	2020000	121	142	5	81.7-124		J5	4.53	20

Method Blank (MB)

(MB) R4220551-1 05/24/25 16:05

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) R4220551-2 05/24/25 16:19

Analyte	Spike Amount ug/kg	LCS Result ug/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Nitrate-Nitrite	40000	40300	101	80.0-120	

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

(OS) L1862209-01 05/24/25 16:32 • (MS) R4220551-3 05/24/25 16:46 • (MSD) R4220551-4 05/24/25 16:59

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	43500	79800	121000	128000	94.7	110	1.03	80.0-120			5.22	15

Method Blank (MB)

(MB) R4220602-1 05/24/25 16:24

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) R4220602-2 05/24/25 16:38

Analyte	Spike Amount ug/kg	LCS Result ug/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Nitrate-Nitrite	40000	40600	101	80.0-120	

L1862233-10 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1862233-10 05/24/25 18:25 • (MS) R4220602-3 05/24/25 18:38 • (MSD) R4220602-4 05/24/25 18:52

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	43700	ND	42100	41100	91.2	88.9	1	80.0-120			2.37	15

Method Blank (MB)

(MB) R4220175-1 05/24/25 17:57

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

L1862233-05 Original Sample (OS) • Duplicate (DUP)

(OS) L1862233-05 05/24/25 17:58 • (DUP) R4220175-3 05/24/25 17:59

Analyte	Original Result ug/kg	DUP Result ug/kg	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
TOC By Walkley Black	22600000	19500000	5	14.7		20

L1862233-15 Original Sample (OS) • Duplicate (DUP)

(OS) L1862233-15 05/24/25 18:02 • (DUP) R4220175-6 05/24/25 18:03

Analyte	Original Result ug/kg	DUP Result ug/kg	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
TOC By Walkley Black	40300000	43500000	5	7.70		20

Laboratory Control Sample (LCS)

(LCS) R4220175-2 05/24/25 17:57

Analyte	Spike Amount ug/kg	LCS Result ug/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
TOC By Walkley Black	3230000	3730000	115	75.0-144	

L1862233-10 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1862233-10 05/24/25 18:01 • (MS) R4220175-4 05/24/25 18:01 • (MSD) R4220175-5 05/24/25 18:01

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	20000000	8840000	27400000	29200000	92.7	102	5	80.0-120			6.42	20

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

(OS) L1862234-03 05/24/25 18:06 • (MS) R4220175-7 05/24/25 18:07 • (MSD) R4220175-8 05/24/25 18:07

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	42600000	91400000	90900000	122	121	10	80.0-120	J5	J5	0.573	20

Method Blank (MB)

(MB) R4220038-1 05/24/25 00:29

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
Vanadium	U		383	2000

Method Blank (MB)

(MB) R4220116-3 05/24/25 14:08

Analyte	MB Result ug/kg	MB Qualifier	MB MDL ug/kg	MB RDL ug/kg
Thallium	U		518	2000

Laboratory Control Sample (LCS)

(LCS) R4220038-2 05/24/25 00:31

Analyte	Spike Amount ug/kg	LCS Result ug/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Aluminum	1000000	898000	89.8	80.0-120	
Antimony	100000	89600	89.6	80.0-120	
Beryllium	100000	87500	87.5	80.0-120	
Calcium	1000000	881000	88.1	80.0-120	
Chromium	100000	81600	81.6	80.0-120	
Cobalt	100000	81600	81.6	80.0-120	
Iron	1000000	895000	89.5	80.0-120	
Magnesium	1000000	864000	86.4	80.0-120	
Manganese	100000	86200	86.2	80.0-120	
Potassium	1000000	907000	90.7	80.0-120	
Sodium	1000000	899000	89.9	80.0-120	
Vanadium	100000	85400	85.4	80.0-120	

Laboratory Control Sample (LCS)

(LCS) R4220116-2 05/24/25 12:53

Analyte	Spike Amount ug/kg	LCS Result ug/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Thallium	100000	91300	91.3	80.0-120	

L1862233-10 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1862233-10 05/24/25 00:33 • (MS) R4220038-5 05/24/25 00:38 • (MSD) R4220038-6 05/24/25 00:40

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 %
Aluminum	1090000	2670000	4560000	3440000	172	70.4	1	75.0-125	J5	J3 J6	27.9	20
Antimony	109000	ND	82000	83500	75.0	76.3	1	75.0-125			1.80	20
Beryllium	109000	323	98400	97900	89.7	89.3	1	75.0-125			0.481	20
Calcium	1090000	4320000	5180000	5310000	79.4	90.6	1	75.0-125			2.32	20
Chromium	109000	4010	102000	100000	89.3	87.8	1	75.0-125			1.65	20
Cobalt	109000	2320	97500	97100	87.1	86.7	1	75.0-125			0.446	20
Iron	1090000	4510000	6500000	4680000	181	15.5	1	75.0-125	V	J3 V	32.4	20
Magnesium	1090000	1250000	2370000	2120000	102	79.2	1	75.0-125			11.3	20
Manganese	109000	145000	253000	242000	98.9	88.5	1	75.0-125			4.62	20
Potassium	1090000	1150000	2330000	2050000	108	81.9	1	75.0-125			13.1	20
Sodium	1090000	650000	1720000	1640000	97.6	90.2	1	75.0-125			4.83	20
Vanadium	109000	7990	104000	102000	87.9	86.3	1	75.0-125			1.61	20

L1862233-10 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1862233-10 05/24/25 14:10 • (MS) R4220116-6 05/24/25 14:15 • (MSD) R4220116-7 05/24/25 14:17

Analyte	Spike Amount (dry) ug/kg	Original Result (dry) ug/kg	MS Result (dry) ug/kg	MSD Result (dry) ug/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Thallium	109000	ND	99100	100000	90.6	91.8	1	75.0-125			1.34	20

Method Blank (MB)

(MB) R4219839-3 05/23/25 12:37

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) R4219839-3 05/23/25 12:37

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	*107*			*80.0-120*
(S) 4-Bromofluorobenzene	*97.7*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*103*			*70.0-130*

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

(LCS) R4219839-1 05/23/25 10:07 • (LCSD) R4219839-2 05/23/25 10:28

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	33.6	31.7	134	127	19.0-160			5.82	27
Acrolein	25.0	25.6	24.9	102	99.6	10.0-160			2.77	26
Acrylonitrile	25.0	26.2	26.4	105	106	55.0-149			0.760	20
Benzene	5.00	4.87	4.80	97.4	96.0	70.0-123			1.45	20

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

(LCS) R4219839-1 05/23/25 10:07 • (LCSD) R4219839-2 05/23/25 10:28

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	4.53	4.60	90.6	92.0	73.0-121			1.53	20
Bromodichloromethane	5.00	4.87	4.88	97.4	97.6	75.0-120			0.205	20
Bromoform	5.00	5.41	5.32	108	106	68.0-132			1.68	20
Bromomethane	5.00	12.9	13.4	258	268	10.0-160	J4	J4	3.80	25
n-Butylbenzene	5.00	4.81	4.89	96.2	97.8	73.0-125			1.65	20
sec-Butylbenzene	5.00	4.71	4.64	94.2	92.8	75.0-125			1.50	20
tert-Butylbenzene	5.00	4.93	4.93	98.6	98.6	76.0-124			0.000	20
Carbon tetrachloride	5.00	5.33	5.29	107	106	68.0-126			0.753	20
Chlorobenzene	5.00	5.29	5.22	106	104	80.0-121			1.33	20
Chlorodibromomethane	5.00	5.44	5.31	109	106	77.0-125			2.42	20
Chloroethane	5.00	5.71	5.71	114	114	47.0-150			0.000	20
Chloroform	5.00	4.94	4.95	98.8	99.0	73.0-120			0.202	20
Chloromethane	5.00	6.24	6.16	125	123	41.0-142			1.29	20
2-Chlorotoluene	5.00	5.13	5.01	103	100	76.0-123			2.37	20
4-Chlorotoluene	5.00	4.73	4.80	94.6	96.0	75.0-122			1.47	20
1,2-Dibromo-3-Chloropropane	5.00	3.94	4.29	78.8	85.8	58.0-134			8.51	20
1,2-Dibromoethane	5.00	5.24	5.33	105	107	80.0-122			1.70	20
Dibromomethane	5.00	5.31	5.26	106	105	80.0-120			0.946	20
1,2-Dichlorobenzene	5.00	4.89	5.04	97.8	101	79.0-121			3.02	20
1,3-Dichlorobenzene	5.00	4.83	4.88	96.6	97.6	79.0-120			1.03	20
1,4-Dichlorobenzene	5.00	4.91	4.99	98.2	99.8	79.0-120			1.62	20
Dichlorodifluoromethane	5.00	4.83	4.45	96.6	89.0	51.0-149			8.19	20
1,1-Dichloroethane	5.00	5.08	5.13	102	103	70.0-126			0.979	20
1,2-Dichloroethane	5.00	5.34	5.31	107	106	70.0-128			0.563	20
1,1-Dichloroethene	5.00	4.78	4.68	95.6	93.6	71.0-124			2.11	20
cis-1,2-Dichloroethene	5.00	4.68	4.77	93.6	95.4	73.0-120			1.90	20
trans-1,2-Dichloroethene	5.00	4.81	4.75	96.2	95.0	73.0-120			1.26	20
1,2-Dichloropropane	5.00	5.22	5.14	104	103	77.0-125			1.54	20
1,1-Dichloropropene	5.00	4.99	4.60	99.8	92.0	74.0-126			8.13	20
1,3-Dichloropropane	5.00	5.41	5.30	108	106	80.0-120			2.05	20
cis-1,3-Dichloropropene	5.00	4.80	4.75	96.0	95.0	80.0-123			1.05	20
trans-1,3-Dichloropropene	5.00	5.31	5.20	106	104	78.0-124			2.09	20
2,2-Dichloropropane	5.00	4.51	4.51	90.2	90.2	58.0-130			0.000	20
Di-isopropyl ether	5.00	5.22	5.18	104	104	58.0-138			0.769	20
Ethylbenzene	5.00	5.12	4.92	102	98.4	79.0-123			3.98	20
Hexachloro-1,3-butadiene	5.00	4.90	4.89	98.0	97.8	54.0-138			0.204	20
Isopropylbenzene	5.00	5.04	4.86	101	97.2	76.0-127			3.64	20
p-Isopropyltoluene	5.00	4.94	4.90	98.8	98.0	76.0-125			0.813	20
2-Butanone (MEK)	25.0	30.3	30.0	121	120	44.0-160			0.995	20
Methylene Chloride	5.00	5.10	5.11	102	102	67.0-120			0.196	20

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

(LCS) R4219839-1 05/23/25 10:07 • (LCSD) R4219839-2 05/23/25 10:28

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	30.3	30.9	121	124	68.0-142			1.96	20
Methyl tert-butyl ether	5.00	4.71	4.73	94.2	94.6	68.0-125			0.424	20
Naphthalene	5.00	2.89	3.07	57.8	61.4	54.0-135			6.04	20
n-Propylbenzene	5.00	4.93	4.95	98.6	99.0	77.0-124			0.405	20
Styrene	5.00	4.99	4.88	99.8	97.6	73.0-130			2.23	20
1,1,1,2-Tetrachloroethane	5.00	5.50	5.68	110	114	75.0-125			3.22	20
1,1,2,2-Tetrachloroethane	5.00	4.75	4.85	95.0	97.0	65.0-130			2.08	20
1,1,2-Trichlorotrifluoroethane	5.00	5.44	5.02	109	100	69.0-132			8.03	20
Tetrachloroethene	5.00	5.52	5.17	110	103	72.0-132			6.55	20
Toluene	5.00	5.10	5.09	102	102	79.0-120			0.196	20
1,2,3-Trichlorobenzene	5.00	3.14	3.32	62.8	66.4	50.0-138			5.57	20
1,2,4-Trichlorobenzene	5.00	3.28	3.35	65.6	67.0	57.0-137			2.11	20
1,1,1-Trichloroethane	5.00	5.09	4.87	102	97.4	73.0-124			4.42	20
1,1,2-Trichloroethane	5.00	5.12	5.10	102	102	80.0-120			0.391	20
Trichloroethene	5.00	5.26	5.18	105	104	78.0-124			1.53	20
Trichlorofluoromethane	5.00	5.15	4.94	103	98.8	59.0-147			4.16	20
1,2,3-Trichloropropane	5.00	5.29	5.28	106	106	73.0-130			0.189	20
1,2,4-Trimethylbenzene	5.00	4.66	4.54	93.2	90.8	76.0-121			2.61	20
1,2,3-Trimethylbenzene	5.00	4.63	4.74	92.6	94.8	77.0-120			2.35	20
1,3,5-Trimethylbenzene	5.00	4.73	4.80	94.6	96.0	76.0-122			1.47	20
Vinyl chloride	5.00	4.40	4.34	88.0	86.8	67.0-131			1.37	20
Xylenes, Total	15.0	15.7	15.3	105	102	79.0-123			2.58	20
(S) Toluene-d8				*107*	*105*	*80.0-120*				
(S) 4-Bromofluorobenzene				*100*	*98.0*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*101*	*101*	*70.0-130*				

Method Blank (MB)

(MB) R4219934-3 05/23/25 12:47

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) R4219934-3 05/23/25 12:47

Analyte	MB Result ug/kg	MB Qualifier	MB MDL ug/kg	MB RDL ug/kg
Methylene Chloride	8.30	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	*95.1*			*75.0-131*
(S) 4-Bromofluorobenzene	*102*			*67.0-138*
(S) 1,2-Dichloroethane-d4	*102*			*70.0-130*

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

(LCS) R4219934-1 05/23/25 11:12 • (LCSD) R4219934-2 05/23/25 11:31

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	1510	1100	242	176	10.0-160	J4	J3 J4	31.4	31
Acrylonitrile	625	965	874	154	140	45.0-153	J4		9.90	22
Bromobenzene	125	118	126	94.4	101	73.0-121			6.56	20
Bromodichloromethane	125	136	147	109	118	73.0-121			7.77	20
Bromoform	125	112	110	89.6	88.0	64.0-132			1.80	20
Bromomethane	125	108	111	86.4	88.8	56.0-147			2.74	20
n-Butylbenzene	125	135	129	108	103	68.0-135			4.55	20
sec-Butylbenzene	125	133	132	106	106	74.0-130			0.755	20
tert-Butylbenzene	125	121	124	96.8	99.2	75.0-127			2.45	20
Carbon tetrachloride	125	138	144	110	115	66.0-128			4.26	20
Chlorobenzene	125	121	122	96.8	97.6	76.0-128			0.823	20
Chlorodibromomethane	125	118	124	94.4	99.2	74.0-127			4.96	20

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

(LCS) R4219934-1 05/23/25 11:12 • (LCSD) R4219934-2 05/23/25 11:31

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	128	130	102	104	61.0-134			1.55	20
Chloroform	125	131	137	105	110	72.0-123			4.48	20
Chloromethane	125	147	148	118	118	51.0-138			0.678	20
2-Chlorotoluene	125	120	125	96.0	100	75.0-124			4.08	20
4-Chlorotoluene	125	121	125	96.8	100	75.0-124			3.25	20
1,2-Dibromo-3-Chloropropane	125	134	122	107	97.6	59.0-130			9.38	20
1,2-Dibromoethane	125	125	125	100	100	74.0-128			0.000	20
Dibromomethane	125	133	140	106	112	75.0-122			5.13	20
1,2-Dichlorobenzene	125	130	129	104	103	76.0-124			0.772	20
1,3-Dichlorobenzene	125	122	126	97.6	101	76.0-125			3.23	20
1,4-Dichlorobenzene	125	119	122	95.2	97.6	77.0-121			2.49	20
Dichlorodifluoromethane	125	135	137	108	110	43.0-156			1.47	20
1,1-Dichloroethane	125	149	154	119	123	70.0-127			3.30	20
1,2-Dichloroethane	125	133	137	106	110	65.0-131			2.96	20
1,1-Dichloroethene	125	148	155	118	124	65.0-131			4.62	20
cis-1,2-Dichloroethene	125	138	141	110	113	73.0-125			2.15	20
trans-1,2-Dichloroethene	125	140	140	112	112	71.0-125			0.000	20
1,2-Dichloropropane	125	144	146	115	117	74.0-125			1.38	20
1,1-Dichloropropene	125	133	136	106	109	73.0-125			2.23	20
1,3-Dichloropropane	125	120	125	96.0	100	80.0-125			4.08	20
cis-1,3-Dichloropropene	125	136	150	109	120	76.0-127			9.79	20
trans-1,3-Dichloropropene	125	127	130	102	104	73.0-127			2.33	20
2,2-Dichloropropane	125	156	161	125	129	59.0-135			3.15	20
Di-isopropyl ether	125	166	171	133	137	60.0-136		J4	2.97	20
Hexachloro-1,3-butadiene	125	127	119	102	95.2	57.0-150			6.50	20
Isopropylbenzene	125	134	128	107	102	72.0-127			4.58	20
p-Isopropyltoluene	125	132	131	106	105	72.0-133			0.760	20
2-Butanone (MEK)	625	878	768	140	123	30.0-160			13.4	24
Methylene Chloride	125	141	145	113	116	68.0-123			2.80	20
4-Methyl-2-pentanone (MIBK)	625	746	747	119	120	56.0-143			0.134	20
Methyl tert-butyl ether	125	155	154	124	123	66.0-132			0.647	20
n-Propylbenzene	125	117	121	93.6	96.8	74.0-126			3.36	20
Styrene	125	127	127	102	102	72.0-127			0.000	20
1,1,1,2-Tetrachloroethane	125	134	128	107	102	74.0-129			4.58	20
1,1,2,2-Tetrachloroethane	125	125	134	100	107	68.0-128			6.95	20
1,1,2-Trichlorotrifluoroethane	125	130	136	104	109	61.0-139			4.51	20
Tetrachloroethene	125	122	118	97.6	94.4	70.0-136			3.33	20
1,2,3-Trichlorobenzene	125	135	109	108	87.2	59.0-139		J3	21.3	20
1,2,4-Trichlorobenzene	125	134	113	107	90.4	62.0-137			17.0	20
1,1,1-Trichloroethane	125	144	149	115	119	69.0-126			3.41	20

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

(LCS) R4219934-1 05/23/25 11:12 • (LCSD) R4219934-2 05/23/25 11:31

Analyte	Spike Amount ug/kg	LCS Result ug/kg	LCSD Result ug/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
1,1,2-Trichloroethane	125	120	126	96.0	101	78.0-123			4.88	20
Trichloroethene	125	135	134	108	107	76.0-126			0.743	20
Trichlorofluoromethane	125	125	131	100	105	61.0-142			4.69	20
1,2,3-Trichloropropane	125	119	130	95.2	104	67.0-129			8.84	20
1,2,3-Trimethylbenzene	125	131	129	105	103	74.0-124			1.54	20
Vinyl chloride	125	125	129	100	103	63.0-134			3.15	20
(S) Toluene-d8				*91.8*	*91.1*	*75.0-131*				
(S) 4-Bromofluorobenzene				*107*	*103*	*67.0-138*				
(S) 1,2-Dichloroethane-d4				*103*	*104*	*70.0-130*				

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

(OS) L1862209-01 05/23/25 14:16 • (MS) R4219934-4 05/23/25 20:56 • (MSD) R4219934-5 05/23/25 21:15

Analyte	Spike Amount (dry) ug/kg	Original Result (dry)	MS Result (dry)	MSD Result (dry)	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Acetone	736	ND	300	472	40.8	64.2	1	10.0-160		J3	44.5	40
Acrylonitrile	736	ND	726	796	98.7	108	1	10.0-160			9.13	40
Bromobenzene	147	ND	151	144	102	97.6	1	10.0-156			4.80	38
Bromodichloromethane	147	ND	167	161	114	110	1	10.0-143			3.58	37
Bromoform	147	ND	113	109	77.0	74.2	1	10.0-146			3.71	36
Bromomethane	147	ND	100	84.9	68.2	57.7	1	10.0-149			16.8	38
n-Butylbenzene	147	ND	158	148	107	101	1	10.0-160			6.15	40
sec-Butylbenzene	147	ND	164	161	111	110	1	10.0-159			1.45	39
tert-Butylbenzene	147	ND	153	149	104	102	1	10.0-156			2.33	39
Carbon tetrachloride	147	ND	144	144	97.6	97.6	1	10.0-145			0.000	37
Chlorobenzene	147	ND	148	140	101	95.2	1	10.0-152			5.71	39
Chlorodibromomethane	147	ND	145	135	98.4	92.0	1	10.0-146			6.72	37
Chloroethane	147	ND	87.9	62.6	59.8	42.6	1	10.0-146			33.6	40
Chloroform	147	ND	138	140	92.7	94.3	1	10.0-146			1.69	37
Chloromethane	147	ND	157	162	106	110	1	10.0-159			3.69	37
2-Chlorotoluene	147	ND	152	146	103	99.2	1	10.0-159			3.95	38
4-Chlorotoluene	147	ND	158	152	107	103	1	10.0-155			3.80	39
1,2-Dibromo-3-Chloropropane	147	ND	94.3	112	64.1	76.1	1	10.0-151			17.1	39
1,2-Dibromoethane	147	ND	149	146	102	99.2	1	10.0-148			2.39	34
Dibromomethane	147	ND	153	151	104	102	1	10.0-147			1.55	35
1,2-Dichlorobenzene	147	ND	148	142	101	96.8	1	10.0-155			4.05	37
1,3-Dichlorobenzene	147	ND	149	145	102	98.4	1	10.0-153			3.20	38
1,4-Dichlorobenzene	147	ND	146	140	99.2	95.2	1	10.0-151			4.12	38
Dichlorodifluoromethane	147	ND	142	144	96.8	97.6	1	10.0-160			0.823	35

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

(OS) L1862209-01 05/23/25 14:16 • (MS) R4219934-4 05/23/25 20:56 • (MSD) R4219934-5 05/23/25 21:15

Analyte	Spike Amount (dry) ug/kg	Original Result (dry)	MS Result (dry)	MSD Result (dry)	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
1,1-Dichloroethane	147	ND	164	161	111	110	1	10.0-147			1.45	37
1,2-Dichloroethane	147	ND	152	151	103	102	1	10.0-148			0.778	35
1,1-Dichloroethene	147	ND	187	188	127	128	1	10.0-155			0.627	37
cis-1,2-Dichloroethene	147	ND	145	151	98.4	102	1	10.0-149			3.98	37
trans-1,2-Dichloroethene	147	ND	151	149	102	102	1	10.0-150			0.784	37
1,2-Dichloropropane	147	ND	178	167	121	114	1	10.0-148			6.14	37
1,1-Dichloropropene	147	ND	161	166	110	113	1	10.0-153			2.88	35
1,3-Dichloropropane	147	ND	151	147	102	100	1	10.0-154			2.37	35
cis-1,3-Dichloropropene	147	ND	175	164	119	111	1	10.0-151			6.94	37
trans-1,3-Dichloropropene	147	ND	161	154	110	105	1	10.0-148			4.48	37
2,2-Dichloropropane	147	ND	127	135	86.4	92.0	1	10.0-138			6.28	36
Di-isopropyl ether	147	ND	171	171	116	116	1	10.0-147			0.000	36
Hexachloro-1,3-butadiene	147	ND	148	132	101	89.6	1	10.0-160			11.8	40
Isopropylbenzene	147	ND	148	140	101	95.2	1	10.0-155			5.71	38
p-Isopropyltoluene	147	ND	158	153	107	104	1	10.0-160			3.03	40
2-Butanone (MEK)	736	ND	566	781	77.0	106	1	10.0-160			32.0	40
Methylene Chloride	147	ND	172	178	117	121	1	10.0-141			3.37	37
4-Methyl-2-pentanone (MIBK)	736	ND	687	685	93.4	93.1	1	10.0-160			0.343	35
Methyl tert-butyl ether	147	ND	127	137	86.4	92.8	1	11.0-147			7.14	35
n-Propylbenzene	147	ND	149	147	102	100	1	10.0-158			1.59	38
Styrene	147	ND	145	138	98.4	93.6	1	10.0-160			5.00	40
1,1,1,2-Tetrachloroethane	147	ND	140	134	95.2	91.2	1	10.0-149			4.29	39
1,1,2,2-Tetrachloroethane	147	ND	106	110	72.2	74.9	1	10.0-160			3.70	35
1,1,2-Trichlorotrifluoroethane	147	ND	127	132	86.4	89.6	1	10.0-160			3.64	36
Tetrachloroethene	147	ND	152	151	103	102	1	10.0-156			0.778	39
1,2,3-Trichlorobenzene	147	ND	126	121	85.6	82.4	1	10.0-160			3.81	40
1,2,4-Trichlorobenzene	147	ND	137	126	92.8	85.6	1	10.0-160			8.07	40
1,1,1-Trichloroethane	147	ND	146	145	99.2	98.4	1	10.0-144			0.810	35
1,1,2-Trichloroethane	147	ND	152	148	103	101	1	10.0-160			2.35	35
Trichloroethene	147	ND	204	198	138	134	1	10.0-156			2.93	38
Trichlorofluoromethane	147	ND	114	90.6	77.6	61.6	1	10.0-160			23.0	40
1,2,3-Trichloropropane	147	ND	134	142	91.2	96.8	1	10.0-156			5.96	35
1,2,3-Trimethylbenzene	147	ND	148	144	101	97.6	1	10.0-160			3.23	36
Vinyl chloride	147	ND	129	131	88.0	88.8	1	10.0-160			0.905	37
(S) Toluene-d8					*96.4*	*95.4*		*75.0-131*				
(S) 4-Bromofluorobenzene					*100*	*96.6*		*67.0-138*				
(S) 1,2-Dichloroethane-d4					*96.6*	*100*		*70.0-130*				

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

(OS) L1862234-03 05/23/25 19:58 • (MS) R4219934-6 05/23/25 21:34 • (MSD) R4219934-7 05/23/25 21:53

Analyte	Spike Amount (dry) ug/kg	Original Result (dry)	MS Result (dry)	MSD Result (dry)	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Acetone	714	ND	532	403	74.6	56.5	1	10.0-160			27.6	40
Acrylonitrile	714	ND	719	561	101	78.6	1	10.0-160			24.8	40
Bromobenzene	143	ND	134	124	93.6	87.2	1	10.0-156			7.08	38
Bromodichloromethane	143	ND	153	154	107	108	1	10.0-143			0.743	37
Bromoform	143	ND	110	97.6	76.8	68.4	1	10.0-146			11.6	36
Bromomethane	143	ND	111	113	77.6	78.9	1	10.0-149			1.64	38
n-Butylbenzene	143	ND	130	128	91.2	89.6	1	10.0-160			1.77	40
sec-Butylbenzene	143	ND	137	136	96.0	95.2	1	10.0-159			0.837	39
tert-Butylbenzene	143	ND	132	127	92.8	88.8	1	10.0-156			4.41	39
Carbon tetrachloride	143	ND	132	143	92.8	100	1	10.0-145			7.47	37
Chlorobenzene	143	ND	132	126	92.8	88.0	1	10.0-152			5.31	39
Chlorodibromomethane	143	ND	132	120	92.8	84.0	1	10.0-146			9.95	37
Chloroethane	143	ND	100	107	70.2	75.0	1	10.0-146			6.62	40
Chloroform	143	ND	132	122	92.8	85.6	1	10.0-146			8.07	37
Chloromethane	143	ND	207	202	145	142	1	10.0-159			2.23	37
2-Chlorotoluene	143	ND	134	124	93.6	87.2	1	10.0-159			7.08	38
4-Chlorotoluene	143	ND	137	131	96.0	92.0	1	10.0-155			4.26	39
1,2-Dibromo-3-Chloropropane	143	ND	99.1	84.0	69.4	58.9	1	10.0-151			16.5	39
1,2-Dibromoethane	143	ND	145	134	102	93.6	1	10.0-148			8.20	34
Dibromomethane	143	ND	145	140	102	98.4	1	10.0-147			3.20	35
1,2-Dichlorobenzene	143	ND	137	127	96.0	88.8	1	10.0-155			7.79	37
1,3-Dichlorobenzene	143	ND	129	126	90.4	88.0	1	10.0-153			2.69	38
1,4-Dichlorobenzene	143	ND	132	121	92.8	84.8	1	10.0-151			9.01	38
Dichlorodifluoromethane	143	ND	152	151	106	106	1	10.0-160			0.755	35
1,1-Dichloroethane	143	ND	151	136	106	95.2	1	10.0-147			10.4	37
1,2-Dichloroethane	143	ND	139	136	97.6	95.2	1	10.0-148			2.49	35
1,1-Dichloroethene	143	ND	202	200	142	140	1	10.0-155			1.14	37
cis-1,2-Dichloroethene	143	ND	135	124	94.4	87.2	1	10.0-149			7.93	37
trans-1,2-Dichloroethene	143	ND	140	134	98.4	93.6	1	10.0-150			5.00	37
1,2-Dichloropropane	143	ND	158	162	110	114	1	10.0-148			2.86	37
1,1-Dichloropropene	143	ND	144	137	101	96.0	1	10.0-153			4.88	35
1,3-Dichloropropane	143	ND	144	129	101	90.4	1	10.0-154			10.9	35
cis-1,3-Dichloropropene	143	ND	161	166	113	116	1	10.0-151			2.80	37
trans-1,3-Dichloropropene	143	ND	153	138	107	96.8	1	10.0-148			10.2	37
2,2-Dichloropropane	143	ND	138	116	96.8	81.6	1	10.0-138			17.0	36
Di-isopropyl ether	143	ND	153	143	107	100	1	10.0-147			6.95	36
Hexachloro-1,3-butadiene	143	ND	136	122	95.2	85.6	1	10.0-160			10.6	40
Isopropylbenzene	143	ND	128	123	89.6	86.4	1	10.0-155			3.64	38
p-Isopropyltoluene	143	ND	135	130	94.4	91.2	1	10.0-160			3.45	40

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

(OS) L1862234-03 05/23/25 19:58 • (MS) R4219934-6 05/23/25 21:34 • (MSD) R4219934-7 05/23/25 21:53

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				%	%		%			%	%
2-Butanone (MEK)	714	ND	756	677	106	94.9	1	10.0-160			11.0	40
Methylene Chloride	143	ND	187	185	131	130	1	10.0-141			1.23	37
4-Methyl-2-pentanone (MIBK)	714	ND	685	595	96.0	83.4	1	10.0-160			14.1	35
Methyl tert-butyl ether	143	ND	128	108	89.6	75.4	1	11.0-147			17.2	35
n-Propylbenzene	143	ND	126	124	88.0	87.2	1	10.0-158			0.913	38
Styrene	143	ND	129	123	90.4	86.4	1	10.0-160			4.52	40
1,1,1,2-Tetrachloroethane	143	ND	123	115	86.4	80.8	1	10.0-149			6.70	39
1,1,2,2-Tetrachloroethane	143	ND	107	94.2	74.6	66.0	1	10.0-160			12.3	35
1,1,2-Trichlorotrifluoroethane	143	ND	140	140	98.4	98.4	1	10.0-160			0.000	36
Tetrachloroethene	143	ND	131	124	92.0	87.2	1	10.0-156			5.36	39
1,2,3-Trichlorobenzene	143	ND	138	127	96.8	88.8	1	10.0-160			8.62	40
1,2,4-Trichlorobenzene	143	ND	135	124	94.4	87.2	1	10.0-160			7.93	40
1,1,1-Trichloroethane	143	ND	136	145	95.2	102	1	10.0-144			6.50	35
1,1,2-Trichloroethane	143	ND	142	129	99.2	90.4	1	10.0-160			9.28	35
Trichloroethene	143	ND	178	160	125	112	1	10.0-156			10.8	38
Trichlorofluoromethane	143	ND	122	115	85.6	80.8	1	10.0-160			5.77	40
1,2,3-Trichloropropane	143	ND	134	115	93.6	80.8	1	10.0-156			14.7	35
1,2,3-Trimethylbenzene	143	ND	134	127	93.6	88.8	1	10.0-160			5.26	36
Vinyl chloride	143	ND	142	140	99.2	98.4	1	10.0-160			0.810	37
(S) Toluene-d8					*94.7*	*95.1*		*75.0-131*				
(S) 4-Bromofluorobenzene					*103*	*99.7*		*67.0-138*				
(S) 1,2-Dichloroethane-d4					*97.1*	*104*		*70.0-130*				

Method Blank (MB)

(MB) R4219938-3 05/23/25 14:11

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) R4219938-3 05/23/25 14:11

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	*110*			*75.0-131*
(S) 4-Bromofluorobenzene	*73.1*			*67.0-138*
(S) 1,2-Dichloroethane-d4	*106*			*70.0-130*

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

(LCS) R4219938-1 05/23/25 12:35 • (LCSD) R4219938-2 05/23/25 12:54

Analyte	Spike Amount ug/kg	LCS Result ug/kg	LCSD Result ug/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	625	669	568	107	90.9	10.0-160			16.3	31
Acrylonitrile	625	516	460	82.6	73.6	45.0-153			11.5	22
Bromobenzene	125	132	114	106	91.2	73.0-121			14.6	20
Bromodichloromethane	125	133	116	106	92.8	73.0-121			13.7	20
Bromoform	125	104	92.1	83.2	73.7	64.0-132			12.1	20
Bromomethane	125	132	109	106	87.2	56.0-147			19.1	20
n-Butylbenzene	125	140	117	112	93.6	68.0-135			17.9	20
sec-Butylbenzene	125	142	118	114	94.4	74.0-130			18.5	20
tert-Butylbenzene	125	139	117	111	93.6	75.0-127			17.2	20
Carbon tetrachloride	125	137	115	110	92.0	66.0-128			17.5	20
Chlorobenzene	125	126	105	101	84.0	76.0-128			18.2	20
Chlorodibromomethane	125	124	108	99.2	86.4	74.0-127			13.8	20

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

(LCS) R4219938-1 05/23/25 12:35 • (LCSD) R4219938-2 05/23/25 12:54

Analyte	Spike Amount ug/kg	LCS Result ug/kg	LCSD Result ug/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Chloroethane	125	134	112	107	89.6	61.0-134			17.9	20
Chloroform	125	140	122	112	97.6	72.0-123			13.7	20
Chloromethane	125	124	99.4	99.2	79.5	51.0-138		J3	22.0	20
2-Chlorotoluene	125	138	112	110	89.6	75.0-124		J3	20.8	20
4-Chlorotoluene	125	142	117	114	93.6	75.0-124			19.3	20
1,2-Dibromo-3-Chloropropane	125	100	87.6	80.0	70.1	59.0-130			13.2	20
1,2-Dibromoethane	125	121	106	96.8	84.8	74.0-128			13.2	20
Dibromomethane	125	135	122	108	97.6	75.0-122			10.1	20
1,2-Dichlorobenzene	125	132	111	106	88.8	76.0-124			17.3	20
1,3-Dichlorobenzene	125	133	115	106	92.0	76.0-125			14.5	20
1,4-Dichlorobenzene	125	135	113	108	90.4	77.0-121			17.7	20
Dichlorodifluoromethane	125	115	109	92.0	87.2	43.0-156			5.36	20
1,1-Dichloroethane	125	149	125	119	100	70.0-127			17.5	20
1,2-Dichloroethane	125	128	100	102	80.0	65.0-131		J3	24.6	20
1,1-Dichloroethene	125	116	97.9	92.8	78.3	65.0-131			16.9	20
cis-1,2-Dichloroethene	125	139	122	111	97.6	73.0-125			13.0	20
trans-1,2-Dichloroethene	125	128	105	102	84.0	71.0-125			19.7	20
1,2-Dichloropropane	125	137	122	110	97.6	74.0-125			11.6	20
1,1-Dichloropropene	125	145	123	116	98.4	73.0-125			16.4	20
1,3-Dichloropropane	125	138	118	110	94.4	80.0-125			15.6	20
cis-1,3-Dichloropropene	125	126	111	101	88.8	76.0-127			12.7	20
trans-1,3-Dichloropropene	125	130	112	104	89.6	73.0-127			14.9	20
2,2-Dichloropropane	125	143	123	114	98.4	59.0-135			15.0	20
Di-isopropyl ether	125	135	122	108	97.6	60.0-136			10.1	20
Hexachloro-1,3-butadiene	125	124	93.1	99.2	74.5	57.0-150		J3	28.5	20
Isopropylbenzene	125	129	108	103	86.4	72.0-127			17.7	20
p-Isopropyltoluene	125	138	112	110	89.6	72.0-133		J3	20.8	20
2-Butanone (MEK)	625	567	506	90.7	81.0	30.0-160			11.4	24
Methylene Chloride	125	134	119	107	95.2	68.0-123			11.9	20
4-Methyl-2-pentanone (MIBK)	625	596	521	95.4	83.4	56.0-143			13.4	20
Methyl tert-butyl ether	125	147	131	118	105	66.0-132			11.5	20
n-Propylbenzene	125	141	118	113	94.4	74.0-126			17.8	20
Styrene	125	115	98.6	92.0	78.9	72.0-127			15.4	20
1,1,1,2-Tetrachloroethane	125	126	109	101	87.2	74.0-129			14.5	20
1,1,2,2-Tetrachloroethane	125	128	113	102	90.4	68.0-128			12.4	20
1,1,2-Trichlorotrifluoroethane	125	109	91.5	87.2	73.2	61.0-139			17.5	20
Tetrachloroethene	125	127	103	102	82.4	70.0-136		J3	20.9	20
1,2,3-Trichlorobenzene	125	126	96.5	101	77.2	59.0-139		J3	26.5	20
1,2,4-Trichlorobenzene	125	124	95.2	99.2	76.2	62.0-137		J3	26.3	20
1,1,1-Trichloroethane	125	143	122	114	97.6	69.0-126			15.8	20

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

(LCS) R4219938-1 05/23/25 12:35 • (LCSD) R4219938-2 05/23/25 12:54

Analyte	Spike Amount ug/kg	LCS Result ug/kg	LCSD Result ug/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
1,1,2-Trichloroethane	125	132	113	106	90.4	78.0-123			15.5	20
Trichloroethene	125	142	118	114	94.4	76.0-126			18.5	20
Trichlorofluoromethane	125	148	131	118	105	61.0-142			12.2	20
1,2,3-Trichloropropane	125	137	109	110	87.2	67.0-129		J3	22.8	20
1,2,3-Trimethylbenzene	125	133	113	106	90.4	74.0-124			16.3	20
Vinyl chloride	125	130	110	104	88.0	63.0-134			16.7	20
(S) Toluene-d8				*97.4*	*97.4*	*75.0-131*				
(S) 4-Bromofluorobenzene				*97.5*	*97.2*	*67.0-138*				
(S) 1,2-Dichloroethane-d4				*103*	*107*	*70.0-130*				

L1862233-10 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1862233-10 05/23/25 19:21 • (MS) R4219938-4 05/23/25 21:34 • (MSD) R4219938-5 05/23/25 21:54

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	742	ND	558	1060	75.2	142	1	10.0-160		J3	61.7	40
Acrylonitrile	742	ND	549	900	73.9	121	1	10.0-160		J3	48.5	40
Bromobenzene	148	ND	137	147	92.0	99.2	1	10.0-156			7.53	38
Bromodichloromethane	148	ND	142	152	96.0	102	1	10.0-143			6.45	37
Bromoform	148	ND	119	110	79.9	74.2	1	10.0-146			7.37	36
Bromomethane	148	ND	197	110	133	74.2	1	10.0-149		J3	56.6	38
n-Butylbenzene	148	ND	172	156	116	105	1	10.0-160			10.1	40
sec-Butylbenzene	148	ND	183	146	123	98.4	1	10.0-159			22.4	39
tert-Butylbenzene	148	ND	179	146	121	98.4	1	10.0-156			20.4	39
Carbon tetrachloride	148	ND	204	123	138	83.2	1	10.0-145		J3	49.3	37
Chlorobenzene	148	ND	151	133	102	89.6	1	10.0-152			12.6	39
Chlorodibromomethane	148	ND	142	114	96.0	76.9	1	10.0-146			22.1	37
Chloroethane	148	ND	159	55.8	107	37.6	1	10.0-146		J3	96.1	40
Chloroform	148	ND	167	153	113	103	1	10.0-146			8.89	37
Chloromethane	148	ND	188	125	126	84.0	1	10.0-159		J3	40.3	37
2-Chlorotoluene	148	ND	185	147	125	99.2	1	10.0-159			22.9	38
4-Chlorotoluene	148	ND	191	152	129	102	1	10.0-155			22.8	39
1,2-Dibromo-3-Chloropropane	148	ND	88.6	138	59.7	92.8	1	10.0-151		J3	43.4	39
1,2-Dibromoethane	148	ND	142	119	96.0	80.0	1	10.0-148			18.2	34
Dibromomethane	148	ND	135	169	91.2	114	1	10.0-147			21.9	35
1,2-Dichlorobenzene	148	ND	141	156	95.2	105	1	10.0-155			9.60	37
1,3-Dichlorobenzene	148	ND	161	152	109	102	1	10.0-153			6.06	38
1,4-Dichlorobenzene	148	ND	164	151	110	102	1	10.0-151			8.30	38
Dichlorodifluoromethane	148	ND	203	131	137	88.0	1	10.0-160		J3	43.4	35

L1862233-10 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1862233-10 05/23/25 19:21 • (MS) R4219938-4 05/23/25 21:34 • (MSD) R4219938-5 05/23/25 21:54

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	148	ND	191	159	129	107	1	10.0-147			18.3	37
1,2-Dichloroethane	148	ND	116	137	77.8	92.0	1	10.0-148			16.7	35
1,1-Dichloroethene	148	ND	234	131	158	88.0	1	10.0-155	J5	J3	56.7	37
cis-1,2-Dichloroethene	148	ND	165	160	111	108	1	10.0-149			2.92	37
trans-1,2-Dichloroethene	148	ND	186	135	126	91.2	1	10.0-150			31.7	37
1,2-Dichloropropane	148	ND	152	157	102	106	1	10.0-148			3.08	37
1,1-Dichloropropene	148	ND	198	156	134	105	1	10.0-153			24.2	35
1,3-Dichloropropane	148	ND	158	138	106	92.8	1	10.0-154			13.7	35
cis-1,3-Dichloropropene	148	ND	165	145	111	97.6	1	10.0-151			13.0	37
trans-1,3-Dichloropropene	148	ND	148	133	100	89.6	1	10.0-148			11.0	37
2,2-Dichloropropane	148	ND	188	100	126	67.4	1	10.0-138		J3	60.8	36
Di-isopropyl ether	148	ND	157	161	106	109	1	10.0-147			2.99	36
Hexachloro-1,3-butadiene	148	ND	118	163	79.2	110	1	10.0-160			32.2	40
Isopropylbenzene	148	ND	154	113	104	75.9	1	10.0-155			31.2	38
p-Isopropyltoluene	148	ND	172	148	116	100	1	10.0-160			14.8	40
2-Butanone (MEK)	742	ND	351	733	47.4	98.7	1	10.0-160		J3	70.3	40
Methylene Chloride	148	ND	207	153	139	103	1	10.0-141			29.7	37
4-Methyl-2-pentanone (MIBK)	742	ND	620	777	83.5	105	1	10.0-160			22.4	35
Methyl tert-butyl ether	148	ND	145	190	97.6	128	1	11.0-147			27.0	35
n-Propylbenzene	148	ND	154	146	104	98.4	1	10.0-158			5.53	38
Styrene	148	ND	138	120	92.8	80.8	1	10.0-160			13.8	40
1,1,1,2-Tetrachloroethane	148	ND	144	133	96.8	89.6	1	10.0-149			7.73	39
1,1,2,2-Tetrachloroethane	148	ND	133	138	89.6	92.8	1	10.0-160			3.51	35
1,1,2-Trichlorotrifluoroethane	148	ND	223	90.2	150	60.8	1	10.0-160		J3	84.8	36
Tetrachloroethene	148	ND	163	114	110	77.1	1	10.0-156			34.8	39
1,2,3-Trichlorobenzene	148	ND	107	156	71.8	105	1	10.0-160			37.4	40
1,2,4-Trichlorobenzene	148	ND	107	154	72.0	104	1	10.0-160			36.4	40
1,1,1-Trichloroethane	148	ND	189	139	127	93.6	1	10.0-144			30.4	35
1,1,2-Trichloroethane	148	ND	152	135	102	91.2	1	10.0-160			11.6	35
Trichloroethene	148	ND	183	163	123	110	1	10.0-156			11.7	38
Trichlorofluoromethane	148	ND	197	43.0	133	29.0	1	10.0-160		J3	128	40
1,2,3-Trichloropropane	148	ND	176	164	118	110	1	10.0-156			6.99	35
1,2,3-Trimethylbenzene	148	ND	159	151	107	102	1	10.0-160			5.36	36
Vinyl chloride	148	ND	195	120	131	80.8	1	10.0-160		J3	47.5	37
(S) Toluene-d8					*86.3*	*73.3*		*75.0-131*		J2		
(S) 4-Bromofluorobenzene					*100*	*75.5*		*67.0-138*				
(S) 1,2-Dichloroethane-d4					*73.8*	*112*		*70.0-130*				

Method Blank (MB)

(MB) R4220043-2 05/23/25 17:48

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) R4220043-2 05/23/25 17:48

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	*72.2*			*12.0-120*
(S) Phenol-d5	*69.1*			*10.0-120*
(S) Nitrobenzene-d5	*69.1*			*10.0-122*
(S) 2-Fluorobiphenyl	*63.1*			*15.0-120*
(S) 2,4,6-Tribromophenol	*67.1*			*10.0-127*
(S) p-Terphenyl-d14	*70.0*			*10.0-120*

Laboratory Control Sample (LCS)

(LCS) R4220043-1 05/23/25 17:27

Analyte	Spike Amount ug/kg	LCS Result ug/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Acenaphthylene	666	564	84.7	40.0-120	
Benzidine	1330	474	35.6	10.0-120	
Benzo(g,h,i)perylene	666	467	70.1	43.0-120	
Bis(2-chlorethoxy)methane	666	378	56.8	20.0-120	
Bis(2-chloroethyl)ether	666	397	59.6	16.0-120	
2,2-Oxybis(1-Chloropropane)	666	390	58.6	23.0-120	
4-Bromophenyl-phenylether	666	532	79.9	40.0-120	
2-Chloronaphthalene	666	470	70.6	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	418	62.8	30.0-120	
1,4-Dichlorobenzene	666	446	67.0	31.0-120	
3,3-Dichlorobenzidine	1330	1070	80.5	28.0-120	
2,4-Dinitrotoluene	666	536	80.5	45.0-120	
2,6-Dinitrotoluene	666	544	81.7	42.0-120	
Hexachlorobenzene	666	481	72.2	39.0-120	
Hexachloro-1,3-butadiene	666	375	56.3	15.0-120	
Hexachlorocyclopentadiene	666	232	34.8	15.0-120	
Hexachloroethane	666	398	59.8	17.0-120	
Isophorone	666	405	60.8	23.0-120	
Nitrobenzene	666	378	56.8	17.0-120	
n-Nitrosodimethylamine	666	418	62.8	10.0-125	
n-Nitrosodiphenylamine	666	521	78.2	40.0-120	
n-Nitrosodi-n-propylamine	666	471	70.7	26.0-120	

Laboratory Control Sample (LCS)

(LCS) R4220043-1 05/23/25 17:27

Analyte	Spike Amount ug/kg	LCS Result ug/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Phenanthrene	666	461	69.2	42.0-120	
Benzylbutyl phthalate	666	593	89.0	40.0-120	
Bis(2-ethylhexyl)phthalate	666	564	84.7	41.0-120	
Di-n-butyl phthalate	666	520	78.1	43.0-120	
Diethyl phthalate	666	524	78.7	43.0-120	
Dimethyl phthalate	666	538	80.8	43.0-120	
Di-n-octyl phthalate	666	585	87.8	40.0-120	
1,2,4-Trichlorobenzene	666	390	58.6	17.0-120	
4-Chloro-3-methylphenol	666	425	63.8	28.0-120	
2-Chlorophenol	666	436	65.5	28.0-120	
2,4-Dichlorophenol	666	449	67.4	25.0-120	
2,4-Dimethylphenol	666	409	61.4	15.0-120	
4,6-Dinitro-2-methylphenol	666	510	76.6	16.0-120	
2,4-Dinitrophenol	666	423	63.5	10.0-120	
2-Nitrophenol	666	456	68.5	20.0-120	
4-Nitrophenol	666	539	80.9	27.0-120	
Pentachlorophenol	666	355	53.3	29.0-120	
Phenol	666	447	67.1	28.0-120	
2,4,6-Trichlorophenol	666	491	73.7	37.0-120	
(S) 2-Fluorophenol			*83.6*	*12.0-120*	
(S) Phenol-d5			*78.2*	*10.0-120*	
(S) Nitrobenzene-d5			*66.7*	*10.0-122*	
(S) 2-Fluorobiphenyl			*76.0*	*15.0-120*	
(S) 2,4,6-Tribromophenol			*80.6*	*10.0-127*	
(S) p-Terphenyl-d14			*79.0*	*10.0-120*	

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

(OS) L1862234-03 05/23/25 22:15 • (MS) R4220043-3 05/23/25 22:35 • (MSD) R4220043-4 05/23/25 22:56

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 %
Acenaphthylene	713	ND	494	481	69.2	67.4	1	25.0-120			2.64	32
Benzidine	1420	ND	ND	ND	0.000	0.000	1	10.0-120	J6	J6	0.000	40
Benzo(g,h,i)perylene	713	ND	373	399	52.3	56.0	1	10.0-120			6.93	33
Bis(2-chlorethoxy)methane	713	ND	ND	ND	47.0	45.2	1	10.0-120			3.91	34
Bis(2-chloroethyl)ether	713	ND	398	406	55.9	56.9	1	10.0-120			1.86	40
2,2-Oxybis(1-Chloropropane)	713	ND	368	ND	51.7	48.2	1	10.0-120			6.92	40
4-Bromophenyl-phenylether	713	ND	473	469	66.4	65.8	1	27.0-120			0.909	30
2-Chloronaphthalene	713	ND	400	389	56.2	54.5	1	20.0-120			2.99	32

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

(OS) L1862234-03 05/23/25 22:15 • (MS) R4220043-3 05/23/25 22:35 • (MSD) R4220043-4 05/23/25 22:56

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 %
4-Chlorophenyl-phenylether	713	ND	459	443	64.4	62.2	1	24.0-120			3.56	29
1,2-Dichlorobenzene	713	ND	377	ND	52.9	49.7	1	10.0-120			6.15	38
1,3-Dichlorobenzene	713	ND	362	ND	50.8	48.8	1	10.0-120			3.92	40
1,4-Dichlorobenzene	713	ND	392	363	55.0	50.9	1	10.0-120			7.66	39
3,3-Dichlorobenzidine	1420	ND	697	708	48.9	49.7	1	10.0-120			1.52	34
2,4-Dinitrotoluene	713	ND	435	427	61.0	59.9	1	30.0-120			1.74	31
2,6-Dinitrotoluene	713	ND	443	450	62.2	63.1	1	25.0-120			1.44	31
Hexachlorobenzene	713	ND	432	415	60.5	58.3	1	27.0-120			3.79	28
Hexachloro-1,3-butadiene	713	ND	ND	ND	46.2	44.0	1	10.0-120			4.99	38
Hexachlorocyclopentadiene	713	ND	ND	ND	1.24	1.03	1	10.0-120	J6	J6	18.5	40
Hexachloroethane	713	ND	ND	ND	17.7	16.4	1	10.0-120			7.93	40
Isophorone	713	ND	359	ND	50.3	49.1	1	13.0-120			2.42	34
Nitrobenzene	713	ND	ND	ND	46.8	44.6	1	10.0-120			4.93	36
n-Nitrosodimethylamine	713	ND	ND	ND	49.4	43.8	1	10.0-127			11.9	40
n-Nitrosodiphenylamine	713	ND	472	452	66.2	63.4	1	17.0-120			4.40	29
n-Nitrosodi-n-propylamine	713	ND	441	404	61.9	56.6	1	10.0-120			8.87	37
Phenanthrene	713	ND	418	415	58.6	58.3	1	17.0-120			0.514	31
Benzylbutyl phthalate	713	ND	562	526	78.8	73.7	1	23.0-120			6.69	30
Bis(2-ethylhexyl)phthalate	713	ND	533	510	74.8	71.5	1	17.0-126			4.52	30
Di-n-butyl phthalate	713	ND	485	467	68.0	65.5	1	30.0-120			3.82	29
Diethyl phthalate	713	ND	472	462	66.2	64.7	1	26.0-120			2.29	28
Dimethyl phthalate	713	ND	462	454	64.7	63.7	1	25.0-120			1.64	29
Di-n-octyl phthalate	713	ND	581	548	81.5	76.9	1	21.0-123			5.88	29
1,2,4-Trichlorobenzene	713	ND	ND	ND	48.3	47.3	1	12.0-120			2.20	37
4-Chloro-3-methylphenol	713	ND	389	381	54.5	53.5	1	15.0-120			1.95	30
2-Chlorophenol	713	ND	388	371	54.4	52.0	1	15.0-120			4.52	37
2,4-Dichlorophenol	713	ND	399	392	56.0	55.0	1	20.0-120			1.89	31
2,4-Dimethylphenol	713	ND	363	ND	50.9	49.8	1	10.0-120			2.09	33
4,6-Dinitro-2-methylphenol	713	ND	ND	ND	26.1	26.7	1	10.0-120			2.27	39
2,4-Dinitrophenol	713	ND	ND	ND	19.4	20.0	1	10.0-121			3.05	40
2-Nitrophenol	713	ND	374	377	52.4	52.9	1	12.0-120			0.856	39
4-Nitrophenol	713	ND	488	465	68.5	65.2	1	10.0-137			4.94	32
Pentachlorophenol	713	ND	ND	ND	49.1	48.2	1	10.0-160			1.85	31
Phenol	713	ND	400	387	56.2	54.2	1	12.0-120			3.54	38
2,4,6-Trichlorophenol	713	ND	437	424	61.3	59.5	1	19.0-120			2.99	32
(S) 2-Fluorophenol					*66.1*	*60.4*		*12.0-120*				
(S) Phenol-d5					*64.4*	*58.0*		*10.0-120*				
(S) Nitrobenzene-d5					*55.0*	*50.5*		*10.0-122*				
(S) 2-Fluorobiphenyl					*60.7*	*53.2*		*15.0-120*				

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

(OS) L1862234-03 05/23/25 22:15 • (MS) R4220043-3 05/23/25 22:35 • (MSD) R4220043-4 05/23/25 22:56

Analyte	Spike Amount (dry) ug/kg	Original Result (dry) ug/kg	MS Result (dry) ug/kg	MSD Result (dry) ug/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
(S) 2,4,6-Tribromophenol					*72.1*	*62.8*		*10.0-127*				
(S) p-Terphenyl-d14					*67.9*	*57.7*		*10.0-120*				

L1862233-10 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1862233-10 05/24/25 00:18 • (MS) R4220043-5 05/24/25 00:38 • (MSD) R4220043-6 05/24/25 00:59

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	722	ND	491	562	68.0	77.6	2	25.0-120			13.5	32
Benzidine	1440	ND	ND	ND	0.000	0.000	2	10.0-120	J6	J6	0.000	40
Benzo(g,h,i)perylene	722	ND	375	424	52.0	58.6	2	10.0-120			12.3	33
Bis(2-chlorethoxy)methane	722	ND	ND	ND	50.2	56.5	2	10.0-120			12.2	34
Bis(2-chloroethyl)ether	722	ND	ND	ND	85.0	98.0	2	10.0-120			14.5	40
2,2-Oxybis(1-Chloropropane)	722	ND	ND	ND	48.6	58.6	2	10.0-120			18.9	40
4-Bromophenyl-phenylether	722	ND	ND	ND	67.1	74.8	2	27.0-120			11.1	30
2-Chloronaphthalene	722	ND	407	460	56.4	63.6	2	20.0-120			12.4	32
4-Chlorophenyl-phenylether	722	ND	ND	ND	63.0	72.8	2	24.0-120			14.7	29
1,2-Dichlorobenzene	722	ND	ND	ND	51.4	60.9	2	10.0-120			17.3	38
1,3-Dichlorobenzene	722	ND	ND	ND	48.9	59.5	2	10.0-120			19.8	40
1,4-Dichlorobenzene	722	ND	ND	ND	52.6	62.1	2	10.0-120			16.9	39
3,3-Dichlorobenzidine	1440	ND	ND	ND	28.3	23.2	2	10.0-120			20.0	34
2,4-Dinitrotoluene	722	ND	ND	ND	59.4	65.7	2	30.0-120			10.4	31
2,6-Dinitrotoluene	722	ND	ND	ND	60.9	69.0	2	25.0-120			12.8	31
Hexachlorobenzene	722	ND	ND	ND	58.5	67.2	2	27.0-120			14.2	28
Hexachloro-1,3-butadiene	722	ND	ND	ND	49.1	55.7	2	10.0-120			13.0	38
Hexachlorocyclopentadiene	722	ND	ND	ND	0.000	0.476	2	10.0-120	J6	J3 J6	200	40
Hexachloroethane	722	ND	ND	ND	14.0	16.2	2	10.0-120			15.0	40
Isophorone	722	ND	ND	ND	54.8	60.7	2	13.0-120			10.5	34
Nitrobenzene	722	ND	ND	ND	49.4	56.8	2	10.0-120			14.2	36
n-Nitrosodimethylamine	722	ND	ND	ND	42.4	54.4	2	10.0-127			25.0	40
n-Nitrosodiphenylamine	722	ND	ND	ND	65.3	74.9	2	17.0-120			14.0	29
n-Nitrosodi-n-propylamine	722	ND	ND	ND	59.8	68.6	2	10.0-120			13.9	37
Phenanthrene	722	ND	423	490	58.6	67.7	2	17.0-120			14.6	31
Benzylbutyl phthalate	722	ND	ND	ND	77.3	87.5	2	23.0-120			12.7	30
Bis(2-ethylhexyl)phthalate	722	ND	ND	1040	64.7	123	2	17.0-126		J3	51.5	30
Di-n-butyl phthalate	722	ND	ND	ND	66.7	76.3	2	30.0-120			13.8	29
Diethyl phthalate	722	ND	ND	ND	66.5	75.2	2	26.0-120			12.6	28
Dimethyl phthalate	722	ND	ND	ND	66.1	72.5	2	25.0-120			9.61	29

L1862233-10 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1862233-10 05/24/25 00:18 • (MS) R4220043-5 05/24/25 00:38 • (MSD) R4220043-6 05/24/25 00:59

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 %
Di-n-octyl phthalate	722	ND	ND	ND	89.5	99.4	2	21.0-123			10.7	29
1,2,4-Trichlorobenzene	722	ND	ND	ND	50.9	58.9	2	12.0-120			14.9	37
4-Chloro-3-methylphenol	722	ND	ND	ND	61.2	66.5	2	15.0-120			8.53	30
2-Chlorophenol	722	ND	ND	ND	53.2	64.0	2	15.0-120			18.8	37
2,4-Dichlorophenol	722	ND	ND	ND	60.2	67.1	2	20.0-120			11.2	31
2,4-Dimethylphenol	722	ND	ND	ND	54.2	60.3	2	10.0-120			10.8	33
4,6-Dinitro-2-methylphenol	722	ND	ND	ND	30.0	27.8	2	10.0-120			7.33	39
2,4-Dinitrophenol	722	ND	ND	ND	0.000	0.000	2	10.0-121	J6	J6	0.000	40
2-Nitrophenol	722	ND	ND	ND	50.9	58.5	2	12.0-120			14.1	39
4-Nitrophenol	722	ND	ND	ND	62.6	73.7	2	10.0-137			16.6	32
Pentachlorophenol	722	ND	ND	ND	54.4	60.1	2	10.0-160			10.3	31
Phenol	722	ND	ND	ND	57.1	65.0	2	12.0-120			13.1	38
2,4,6-Trichlorophenol	722	ND	ND	ND	60.0	67.8	2	19.0-120			12.5	32
(S) 2-Fluorophenol					*67.4*	*76.4*		*12.0-120*				
(S) Phenol-d5					*64.8*	*75.2*		*10.0-120*				
(S) Nitrobenzene-d5					*58.2*	*68.9*		*10.0-122*				
(S) 2-Fluorobiphenyl					*60.3*	*68.9*		*15.0-120*				
(S) 2,4,6-Tribromophenol					*72.0*	*80.8*		*10.0-127*				
(S) p-Terphenyl-d14					*65.2*	*75.2*		*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.
J1	Surrogate recovery limits have been exceeded; values are outside upper control limits.
J2	Surrogate recovery limits have been exceeded; values are outside lower control limits.
J3	The associated batch QC was outside the established quality control range for precision.
J4	The associated batch QC was outside the established quality control range for accuracy.
J5	The sample matrix interfered with the ability to make any accurate determination; spike value is high.
J6	The sample matrix interfered with the ability to make any accurate determination; spike value is low.

GLOSSARY OF TERMS

Qualifier	Description
P1	RPD value not applicable for sample concentrations less than 5 times the reporting limit.
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.

B086

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
Street Address: 5120 North Shore Drive, North Little Rock, AR 72118
Contact/Report To: Chevron-Bishop, Kyle Lawrence, Tami McMullin, Andy Henault, Eric Catlin, Madelyn Klinkerman
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

Lab Use Only: Proj. Mgr: 546-Jared Starkey; AcctNum / Client ID: CTEHER; Table #: L1862233; Profile / Template: T271979; Prelog / Bottle Ord. ID:

Analysis Requested:

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Time	# Cont.	Residual Chlorine Result	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
GACO0521T045-1CRS001	SS	G	-	-	5/21/2025	1420	3	-	-	X	X	X	X	-	-	-01
GACO0521T045-1CRS002	SS	G	-	-	5/21/2025	1435	3	-	-	X	X	X	X	-	-	-02
GACO0521T045-1CRS003	SS	G	-	-	5/21/2025	1450	3	-	-	X	X	X	X	-	-	-03
GACO0521T045-1CRS004	SS	G	-	-	5/21/2025	1505	3	-	-	X	X	X	X	-	-	-04
GACO0521T045-1CRS005	SS	G	-	-	5/21/2025	1530	3	-	-	X	X	X	X	-	-	-05
GACO0521T045-1CRT001	OT	-	-	-	5/21/2025	0700	2	-	-	-	-	-	-	X	-	-06

Preservation non-conformance identified for sample.

3.3+0.4=3.7

Sample Receipt Checklist
COC Seal Present/Intact: Y N NP
COC Signed/Accurate: Y N
Bottles arrive intact: Y N
Correct bottles used: Y N
Sufficient volume sent: Y N
RA Screen <0.5 mR/hr: Y N
If Applicable
VOA Zero Headspace: Y N
Pres. Correct/Check: Y N
Condition: NCF / OK
15 TOTAL

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: [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:
[signature] Montrose	5/21/25 1800		
		Christopher D. Gallien	5/23/25 1000

Tracking Number:
Delivered by: [ ] In- Person [ ] Courier [ ] FedEX [ ] UPS [ ] Other

Page: 1 of 3

GACO0521T045-1CRS

B088

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 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 #: U186253; 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.
GAC00521T045-1CRS006	SS	G	-	-	5/21/2025	1550	3	-	-	X	X	X	X	-	-	-07	
GAC00521T045-1CRS007	SS	G	-	-	5/21/2025	1615	3	-	-	X	X	X	X	-	-	-08	
GAC00521T045-1CRS008	SS	G	-	-	5/21/2025	1630	3	-	-	X	X	X	X	-	-	-09	
GAC00521T045-1CRS009	SS	G	-	-	5/21/2025	1420	9/3	-	-	X	X	X	X	-	X	Volume for MS/MSD -10	
GAC00521T045-1CRS010	SS	G	-	-	5/21/2025	1540	3	-	-	X	X	X	X	-	-	-11	
GAC00521T045-1CRT002	OT	-	-	-	5/21/2025	0700	2	-	-	-	-	-	-	X	-	-12	

3.340.433.7

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		

21 TOTAL

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) Montrose	Date/Time: 5/22/25 1800	Received by/Company: (Signature) Pace	Date/Time: 5/22/25 1800	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:	
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature) Christopher McMullin	Date/Time: 5/23/25 1000	Page: 2 of 3

GAC00521T045-1CRS

B090

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

Contact/Report To: Chevron-Bishop, Kyle Lawrence, Tami McMullin, Andy Henault, Eric Catlin, Madelyn Klinkerman
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
Invoice to: CTEH
Invoice E-mail: ctehap@montrose-env.com
Purchase Order # (if applicable):
Quote #:

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

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

Specify Container Size **: 8oz | 8oz | 8oz | 80z | 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 #: LRH67235
Profile / Template: T271979
Prelog / Bottle Ord. ID:

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

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Residual Chlorine Result	Residual Chlorine Units	VOCs 8260D	SVOCs 8270E; Metals 6010D	Total N/TKN/N+N/NH3 EPA 350.1 351.2, 9056A, SM 4500 Norg	TOC Walkley Black	VOCs 8260D	MS/MSD					Sample Comment	Preservation non-conformance identified for sample.
GAC00521T045-1CRS011	SS	G	-	-	5/21/2025	1555	3	-	-	X	X	X	X	-	-					-13	
GAC00521T045-1CRS012	SS	G	-	-	5/21/2025	1610	3	-	-	X	X	X	X	-	-					-14	
GAC00521T045-1CRS013	SS	G	-	-	5/21/2025	1500	3	-	-	X	X	X	X	-	-					-15	
GAC00521T045-1CRC013	SS	G	-	-	5/21/2025	1500	3	-	-	X	X	X	X	-	-					-16	
GAC00521T045-1CRT003	OT	-	-	-	5/21/2025	0700	2	-	-	-	-	-	-	X	-					-17	

3.3 10.4 3.7

Sample Receipt Checklist
COC Seal Present/Intact: Y N NP
COC Signed/Accurate: Y N
Bottles arrive intact: Y N
Correct bottles used: Y N
Sufficient volume sent: Y N
RA Screen <0.5 mR/hr: Y N
If Applicable
VOA Zero Headspace: Y N
Pres. Correct/Check: Y N
Condition: NCF OK
12 TOTAL

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 Signature: Alke

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	5/22/25 1800	Pace	5/22/25 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:	
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature) Christopher Gallin	Date/Time: 5/23/25 1000	Page: 3 of 3

GAC00521T045-1CRS

Multiple Parcel Form L# LK662233

Parcel Tracking Number	Infrared Thermometer ID	Temperature Reading (°C)	Correction Factor (°C)	Corrected Temperature (°C)	Custody Seal Intact
SWA		1.6	0.4	2.0	(Yes) / No / Not Present
↕		0.1	0.4	0.5	(Yes) / No / Not Present
SWA		3.3	0.4	3.7	(Yes) / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present

Name

Date