ANALYTICAL REPORT

September 25, 2025

Oregon Dept of Transportation - ODOT

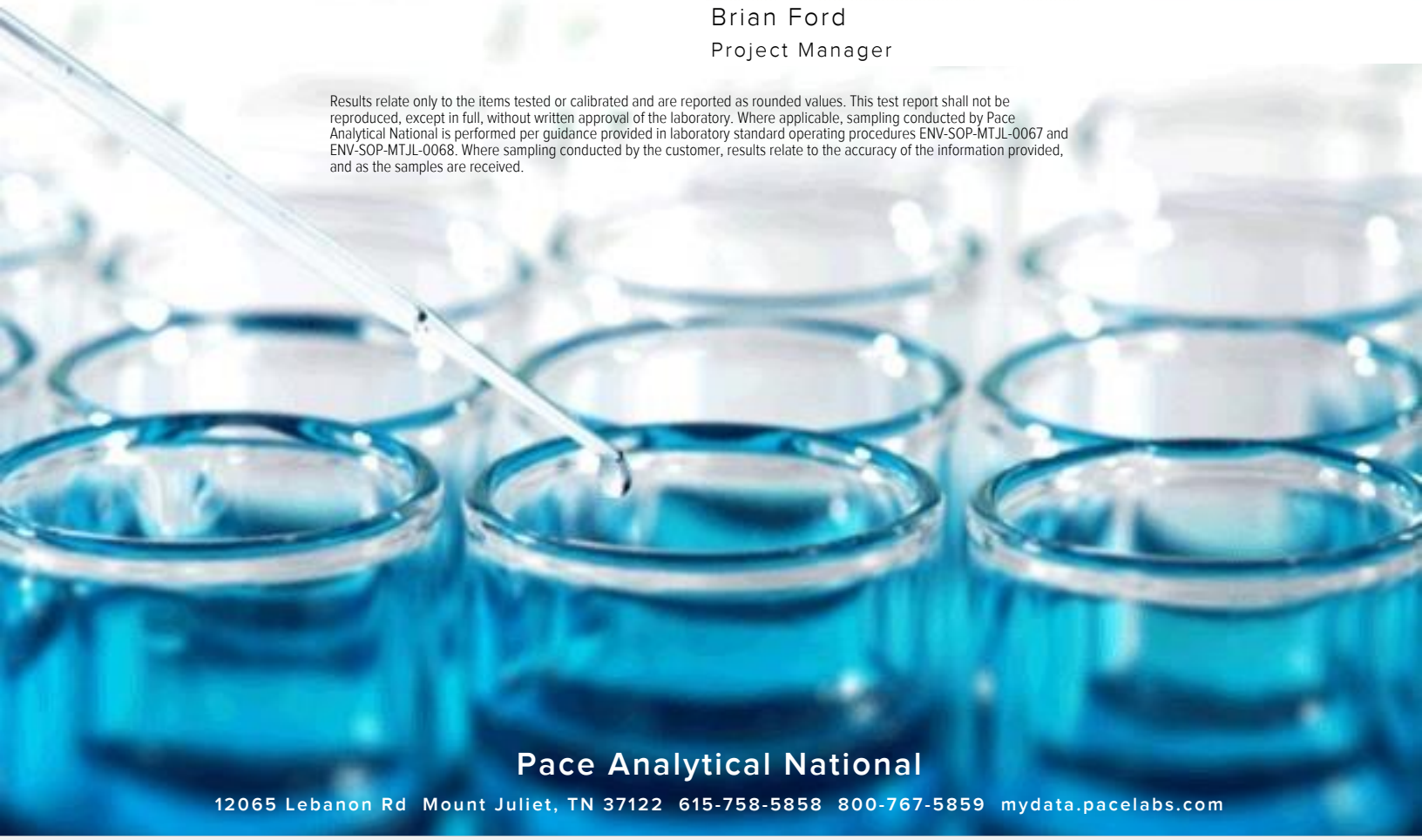
Sample Delivery Group:	L1897243
Samples Received:	09/11/2025
Project Number:	23709
Description:	OR422: Chiloquin Hwy-OR422S

Report To:

Ryan Franklin
63055 N. Hwy 97, Bldg M
Bend, OR 97701

Entire Report Reviewed By:

Brian Ford
Project Manager



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P25-03-6'-7' L1897243-01

Collected by: Ryan Franklin | Collected date/time: 09/08/25 13:55 | Received date/time: 09/11/25 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2599905	1	09/13/25 15:52	09/13/25 16:00	KDW	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2599571	1	09/12/25 14:40	09/24/25 12:01	UNP	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2599832	100	09/08/25 13:55	09/14/25 18:24	AEB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2599673	8	09/08/25 13:55	09/12/25 20:10	ACG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG2601354	1	09/16/25 19:28	09/17/25 13:05	PS	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2601430	1	09/17/25 06:23	09/17/25 23:26	DMG	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2601430	20	09/17/25 06:23	09/18/25 19:07	JRM	Mt. Juliet, TN

P25-04-4' L1897243-02

Collected by: Ryan Franklin | Collected date/time: 09/08/25 14:17 | Received date/time: 09/11/25 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2599905	1	09/13/25 15:52	09/13/25 16:00	KDW	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2599571	1	09/12/25 14:40	09/24/25 11:41	UNP	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2599832	36	09/08/25 14:17	09/14/25 15:28	AEB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2599673	1.44	09/08/25 14:17	09/12/25 19:51	ACG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG2601354	1	09/16/25 19:28	09/17/25 14:38	PS	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2601430	1	09/17/25 06:23	09/17/25 23:46	DMG	Mt. Juliet, TN

P25-04-7-7.5' L1897243-03

Collected by: Ryan Franklin | Collected date/time: 09/08/25 14:27 | Received date/time: 09/11/25 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2599905	1	09/13/25 15:52	09/13/25 16:00	KDW	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2599832	100	09/08/25 14:27	09/14/25 18:48	AEB	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG2601354	1	09/16/25 19:28	09/18/25 12:22	JAS	Mt. Juliet, TN

P25-05-4.5' L1897243-04

Collected by: Ryan Franklin | Collected date/time: 09/08/25 14:41 | Received date/time: 09/11/25 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2599905	1	09/13/25 15:52	09/13/25 16:00	KDW	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2599832	28	09/08/25 14:41	09/14/25 15:47	AEB	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG2601403	1	09/17/25 06:42	09/17/25 17:41	JAS	Mt. Juliet, TN

P25-05-6.5' L1897243-05

Collected by: Ryan Franklin | Collected date/time: 09/08/25 14:47 | Received date/time: 09/11/25 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2599905	1	09/13/25 15:52	09/13/25 16:00	KDW	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2599832	25	09/08/25 14:47	09/14/25 16:07	AEB	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG2601403	1	09/17/25 06:42	09/17/25 21:17	JAS	Mt. Juliet, TN

P25-07-4' L1897243-06

Collected by: Ryan Franklin | Collected date/time: 09/09/25 08:33 | Received date/time: 09/11/25 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2599905	1	09/13/25 15:52	09/13/25 16:00	KDW	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2599832	30.3	09/09/25 08:33	09/14/25 16:52	AEB	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG2601404	1	09/17/25 06:26	09/17/25 23:53	JAS	Mt. Juliet, TN

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

P25-07-5.5 L1897243-07

Collected by: Ryan Franklin | Collected date/time: 09/09/25 08:47 | Received date/time: 09/11/25 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2599905	1	09/13/25 15:52	09/13/25 16:00	KDW	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2599571	1.02	09/12/25 14:40	09/24/25 12:04	UNP	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2599832	25	09/09/25 08:47	09/14/25 17:12	AEB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2599784	1	09/09/25 08:47	09/12/25 22:05	JAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2602712	10	09/09/25 08:47	09/17/25 20:51	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG2601404	50	09/17/25 06:26	09/17/25 20:06	JAS	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2601430	1	09/17/25 06:23	09/18/25 02:46	DMG	Mt. Juliet, TN

P25-07-1.5' L1897243-08

Collected by: Ryan Franklin | Collected date/time: 09/09/25 08:52 | Received date/time: 09/11/25 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2599905	1	09/13/25 15:52	09/13/25 16:00	KDW	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2602045	25	09/09/25 08:52	09/17/25 02:07	ADM	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG2601404	1	09/17/25 06:26	09/18/25 01:46	JAS	Mt. Juliet, TN

P25-08-3.5' L1897243-09

Collected by: Ryan Franklin | Collected date/time: 09/09/25 09:08 | Received date/time: 09/11/25 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2599906	1	09/13/25 15:42	09/13/25 15:49	KDW	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2599832	34.8	09/09/25 09:08	09/14/25 18:05	AEB	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG2601404	1	09/17/25 06:26	09/17/25 22:14	JAS	Mt. Juliet, TN

P25-08-1.5' L1897243-10

Collected by: Ryan Franklin | Collected date/time: 09/09/25 09:12 | Received date/time: 09/11/25 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2599906	1	09/13/25 15:42	09/13/25 15:49	KDW	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2599571	1	09/12/25 14:40	09/24/25 12:15	UNP	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2599832	100	09/09/25 09:12	09/14/25 19:07	AEB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2599784	8	09/09/25 09:12	09/13/25 02:46	JAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2602712	8	09/09/25 09:12	09/17/25 21:10	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG2601404	20	09/17/25 06:26	09/18/25 13:18	JAS	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG2601404	5	09/17/25 06:26	09/17/25 19:09	JAS	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2601430	1	09/17/25 06:23	09/18/25 00:06	DMG	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2601430	20	09/17/25 06:23	09/18/25 19:25	JRM	Mt. Juliet, TN

P25-09-3.5' L1897243-11

Collected by: Ryan Franklin | Collected date/time: 09/09/25 09:49 | Received date/time: 09/11/25 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2599906	1	09/13/25 15:42	09/13/25 15:49	KDW	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2602565	25	09/09/25 09:49	09/17/25 15:25	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2602712	1	09/09/25 09:49	09/17/25 21:29	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG2601404	1	09/17/25 06:26	09/18/25 01:32	JAS	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2601430	1	09/17/25 06:23	09/18/25 00:26	DMG	Mt. Juliet, TN

P25-11-5.5' L1897243-12

Collected by: Ryan Franklin | Collected date/time: 09/09/25 12:46 | Received date/time: 09/11/25 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2599906	1	09/13/25 15:42	09/13/25 15:49	KDW	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2599865	100	09/09/25 12:46	09/14/25 17:33	CDD	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG2601404	10	09/17/25 06:26	09/17/25 18:41	JAS	Mt. Juliet, TN

P25-12-4.5' L1897243-13

Collected by: Ryan Franklin | Collected date/time: 09/09/25 13:04 | Received date/time: 09/11/25 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2599906	1	09/13/25 15:42	09/13/25 15:49	KDW	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2599865	25	09/09/25 13:04	09/14/25 15:37	CDD	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG2601404	1	09/17/25 06:26	09/18/25 00:49	JAS	Mt. Juliet, TN

P25-13-4' L1897243-14

Collected by: Ryan Franklin | Collected date/time: 09/09/25 14:01 | Received date/time: 09/11/25 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2599906	1	09/13/25 15:42	09/13/25 15:49	KDW	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2599571	1	09/12/25 14:40	09/24/25 12:18	UNP	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2599865	200	09/09/25 14:01	09/14/25 17:56	CDD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2599784	20	09/09/25 14:01	09/13/25 03:23	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG2601404	1	09/17/25 06:26	09/18/25 13:18	JAS	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2601430	1	09/17/25 06:23	09/18/25 00:46	DMG	Mt. Juliet, TN

P25-14-5.5' L1897243-15

Collected by: Ryan Franklin | Collected date/time: 09/09/25 14:27 | Received date/time: 09/11/25 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2599906	1	09/13/25 15:42	09/13/25 15:49	KDW	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2599571	1	09/12/25 14:40	09/24/25 12:22	UNP	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2599865	100	09/09/25 14:27	09/14/25 18:19	CDD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2599784	8	09/09/25 14:27	09/13/25 03:42	JAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2602712	8	09/09/25 14:27	09/17/25 21:48	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG2601404	1	09/17/25 06:26	09/18/25 01:18	JAS	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2601430	1	09/17/25 06:23	09/18/25 01:06	DMG	Mt. Juliet, TN

P25-15-5.5' L1897243-16

Collected by: Ryan Franklin | Collected date/time: 09/09/25 14:51 | Received date/time: 09/11/25 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2599906	1	09/13/25 15:42	09/13/25 15:49	KDW	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2599865	25.5	09/09/25 14:51	09/14/25 16:00	CDD	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG2601404	1	09/17/25 06:26	09/18/25 00:35	JAS	Mt. Juliet, TN

P25-16-7.5' L1897243-17

Collected by: Ryan Franklin | Collected date/time: 09/09/25 15:12 | Received date/time: 09/11/25 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2599906	1	09/13/25 15:42	09/13/25 15:49	KDW	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2599865	25.3	09/09/25 15:12	09/14/25 16:23	CDD	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG2601404	1	09/17/25 06:26	09/18/25 00:07	JAS	Mt. Juliet, TN

SAMPLE SUMMARY

P25-17-7.5' L1897243-18

Collected by: Ryan Franklin
Collected date/time: 09/09/25 15:34
Received date/time: 09/11/25 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2599906	1	09/13/25 15:42	09/13/25 15:49	KDW	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2599865	25	09/09/25 15:34	09/14/25 16:46	CDD	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG2601404	1	09/17/25 06:26	09/18/25 02:00	JAS	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.

Brian Ford
Project Manager

Project Comments

Update RCRA8 to lead, chromium, and cadmium only per request of Ryan Franklin.

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
WG2599673	L1897243-01	1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, 1,2-Dibromo-3-Chloropropane, Hexachloro-1,3-butadiene and Naphthalene
WG2599673	L1897243-02	1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, 1,2-Dibromo-3-Chloropropane, Hexachloro-1,3-butadiene and Naphthalene
WG2599784	L1897243-07	2-Chlorotoluene, 4-Chlorotoluene and tert-Butylbenzene
WG2599784	L1897243-10	2-Chlorotoluene, 4-Chlorotoluene and tert-Butylbenzene
WG2599784	L1897243-14	2-Chlorotoluene, 4-Chlorotoluene and tert-Butylbenzene
WG2599784	L1897243-15	2-Chlorotoluene, 4-Chlorotoluene and tert-Butylbenzene
WG2602712	L1897243-11	Bromomethane and Vinyl chloride

The analyte concentration exceeds the upper limit of the calibration range of the instrument established by the initial calibration (ICAL).

Batch	Lab Sample ID	Analytes
WG2599784	(LCS) R4274608-1	Trichlorofluoromethane

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

Batch	Analyte	Lab Sample ID
WG2599784	4-Bromofluorobenzene	(MS) R4274608-3, (MSD) R4274608-4, L1897243-07, 10

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

Batch	Lab Sample ID	Analytes
WG2599673	(LCSD) R4274090-2, L1897243-01, 02	Naphthalene
WG2599784	(LCS) R4274608-1, L1897243-07, 10, 14, 15	4-Chlorotoluene

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

Batch	Lab Sample ID	Analytes
WG2599784	(LCS) R4274608-1, L1897243-07, 10, 14, 15	Acetone and Chloromethane

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

Batch	Lab Sample ID	Analytes
WG2599784	(MS) R4274608-3, (MSD) R4274608-4, L1897243-10	1,1,2,2-Tetrachloroethane, 2,2-Dichloropropane, 2-Butanone (MEK), 4-Methyl-2-pentanone (MIBK), Acetone and Chloromethane

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

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

Batch	Lab Sample ID	Analytes
WG2599784	(MSD) R4274608-4, L1897243-10	1,1,2-Trichlorotrifluoroethane, 1,2,3-Trichlorobenzene and Dichlorodifluoromethane

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT

Surrogate recovery cannot be used for control limit evaluation due to dilution.

Batch	Analyte	Lab Sample ID
WG2601404	o-Terphenyl	L1897243-07, 10

The same analyte is found in the associated blank.

Batch	Analyte	Lab Sample ID
WG2601404	Residual Range Organics (RRO)	L1897243-06, 08, 11, 13, 14, 15, 18

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

Surrogate recovery cannot be used for control limit evaluation due to dilution.

Batch	Analyte	Lab Sample ID
WG2601430	2-Fluorobiphenyl	L1897243-01, 10
WG2601430	2-Methylnaphthalene-d10	L1897243-01, 10
WG2601430	p-Terphenyl-d14	L1897243-01, 10

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	82.5		1	09/13/2025 16:00	WG2599905

Metals (ICPMS) by Method 6020B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Cadmium	U		0.110	0.243	1	09/24/2025 12:01	WG2599571
Chromium	31.2		0.199	1.21	1	09/24/2025 12:01	WG2599571
Lead	3.10		0.173	0.485	1	09/24/2025 12:01	WG2599571

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Gasoline Range Organics-NWTPH	485		7.84	14.5	100	09/14/2025 18:24	WG2599832
(S) a,a,a-Trifluorotoluene(FID)	*101*			*77.0-120*		*09/14/2025 18:24*	WG2599832

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

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acetone	U		0.810	1.16	8	09/12/2025 20:10	WG2599673
Acrylonitrile	U		0.0932	0.145	8	09/12/2025 20:10	WG2599673
Benzene	U		0.00826	0.0116	8	09/12/2025 20:10	WG2599673
Bromobenzene	U		0.0453	0.145	8	09/12/2025 20:10	WG2599673
Bromodichloromethane	U		0.0136	0.0290	8	09/12/2025 20:10	WG2599673
Bromoform	U		0.115	0.290	8	09/12/2025 20:10	WG2599673
Bromomethane	U		0.117	0.145	8	09/12/2025 20:10	WG2599673
n-Butylbenzene	5.65		0.0726	0.145	8	09/12/2025 20:10	WG2599673
sec-Butylbenzene	1.39		0.0444	0.145	8	09/12/2025 20:10	WG2599673
tert-Butylbenzene	U		0.0219	0.0581	8	09/12/2025 20:10	WG2599673
Carbon tetrachloride	U		0.0350	0.0581	8	09/12/2025 20:10	WG2599673
Chlorobenzene	U		0.00996	0.0290	8	09/12/2025 20:10	WG2599673
Chlorodibromomethane	U		0.0187	0.0290	8	09/12/2025 20:10	WG2599673
Chloroethane	U		0.0661	0.116	8	09/12/2025 20:10	WG2599673
Chloroform	U		0.0189	0.0290	8	09/12/2025 20:10	WG2599673
Chloromethane	U		0.0988	0.145	8	09/12/2025 20:10	WG2599673
2-Chlorotoluene	U		0.0150	0.0290	8	09/12/2025 20:10	WG2599673
4-Chlorotoluene	U		0.0179	0.0581	8	09/12/2025 20:10	WG2599673
1,2-Dibromo-3-Chloropropane	U	C3	0.124	0.290	8	09/12/2025 20:10	WG2599673
1,2-Dibromoethane	U		0.0147	0.0290	8	09/12/2025 20:10	WG2599673
Dibromomethane	U		0.0206	0.0581	8	09/12/2025 20:10	WG2599673
1,2-Dichlorobenzene	U		0.0182	0.0581	8	09/12/2025 20:10	WG2599673
1,3-Dichlorobenzene	U		0.0192	0.0581	8	09/12/2025 20:10	WG2599673
1,4-Dichlorobenzene	U		0.0203	0.0581	8	09/12/2025 20:10	WG2599673
Dichlorodifluoromethane	U		0.0505	0.0581	8	09/12/2025 20:10	WG2599673
1,1-Dichloroethane	U		0.0117	0.0290	8	09/12/2025 20:10	WG2599673
1,2-Dichloroethane	U		0.0170	0.0290	8	09/12/2025 20:10	WG2599673
1,1-Dichloroethene	U		0.0177	0.0290	8	09/12/2025 20:10	WG2599673
cis-1,2-Dichloroethene	U		0.0150	0.0290	8	09/12/2025 20:10	WG2599673
trans-1,2-Dichloroethene	U		0.0121	0.0581	8	09/12/2025 20:10	WG2599673
1,2-Dichloropropane	U		0.0224	0.0581	8	09/12/2025 20:10	WG2599673
1,1-Dichloropropene	U		0.0160	0.0581	8	09/12/2025 20:10	WG2599673
1,3-Dichloropropane	U		0.0189	0.0581	8	09/12/2025 20:10	WG2599673
cis-1,3-Dichloropropene	U		0.0122	0.0290	8	09/12/2025 20:10	WG2599673
trans-1,3-Dichloropropene	U		0.0122	0.0581	8	09/12/2025 20:10	WG2599673
2,2-Dichloropropane	U		0.0235	0.0290	8	09/12/2025 20:10	WG2599673

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

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Di-isopropyl ether	U		0.00893	0.0116	8	09/12/2025 20:10	WG2599673
Ethylbenzene	1.40		0.0115	0.0290	8	09/12/2025 20:10	WG2599673
Hexachloro-1,3-butadiene	U	C3	0.121	0.290	8	09/12/2025 20:10	WG2599673
Isopropylbenzene	0.890		0.0117	0.0290	8	09/12/2025 20:10	WG2599673
p-Isopropyltoluene	0.453		0.0247	0.0581	8	09/12/2025 20:10	WG2599673
2-Butanone (MEK)	U		1.03	1.16	8	09/12/2025 20:10	WG2599673
Methylene Chloride	U		0.128	0.290	8	09/12/2025 20:10	WG2599673
4-Methyl-2-pentanone (MIBK)	1.28		0.115	0.290	8	09/12/2025 20:10	WG2599673
Methyl tert-butyl ether	U		0.00897	0.0116	8	09/12/2025 20:10	WG2599673
Naphthalene	4.73	C3 J4	0.0886	0.145	8	09/12/2025 20:10	WG2599673
n-Propylbenzene	4.97		0.0196	0.0581	8	09/12/2025 20:10	WG2599673
Styrene	U		0.0517	0.145	8	09/12/2025 20:10	WG2599673
1,1,1,2-Tetrachloroethane	U		0.0151	0.0290	8	09/12/2025 20:10	WG2599673
1,1,2,2-Tetrachloroethane	U		0.0135	0.0290	8	09/12/2025 20:10	WG2599673
1,1,2-Trichlorotrifluoroethane	U		0.0327	0.0581	8	09/12/2025 20:10	WG2599673
Tetrachloroethene	U		0.0177	0.0290	8	09/12/2025 20:10	WG2599673
Toluene	U		0.0335	0.0581	8	09/12/2025 20:10	WG2599673
1,2,3-Trichlorobenzene	U	C3	0.0812	0.145	8	09/12/2025 20:10	WG2599673
1,2,4-Trichlorobenzene	U	C3	0.0630	0.145	8	09/12/2025 20:10	WG2599673
1,1,1-Trichloroethane	U		0.0168	0.0290	8	09/12/2025 20:10	WG2599673
1,1,2-Trichloroethane	U		0.0155	0.0290	8	09/12/2025 20:10	WG2599673
Trichloroethene	U		0.0104	0.0116	8	09/12/2025 20:10	WG2599673
Trichlorofluoromethane	U		0.0304	0.0465	8	09/12/2025 20:10	WG2599673
1,2,3-Trichloropropane	U		0.0712	0.145	8	09/12/2025 20:10	WG2599673
1,2,4-Trimethylbenzene	0.510		0.0276	0.0581	8	09/12/2025 20:10	WG2599673
1,2,3-Trimethylbenzene	4.94		0.0212	0.0581	8	09/12/2025 20:10	WG2599673
Vinyl chloride	U		0.0234	0.0290	8	09/12/2025 20:10	WG2599673
1,3,5-Trimethylbenzene	0.110		0.0264	0.0581	8	09/12/2025 20:10	WG2599673
Xylenes, Total	0.608		0.0325	0.0755	8	09/12/2025 20:10	WG2599673
(S) Toluene-d8	*92.9*			*75.0-131*		*09/12/2025 20:10*	WG2599673
(S) 4-Bromofluorobenzene	*103*			*67.0-138*		*09/12/2025 20:10*	WG2599673
(S) 1,2-Dichloroethane-d4	*103*			*70.0-130*		*09/12/2025 20:10*	WG2599673

Sample Narrative:

L1897243-01 WG2599673: Non-target compounds too high to run at a lower dilution.

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Diesel Range Organics (DRO)	74.3		1.61	4.85	1	09/17/2025 13:05	WG2601354
Residual Range Organics (RRO)	U		4.04	12.1	1	09/17/2025 13:05	WG2601354
(S) o-Terphenyl	*69.8*			*18.0-148*		*09/17/2025 13:05*	WG2601354

Sample Narrative:

L1897243-01 WG2601354: Sample resembles laboratory standard for Mineral Spirits

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

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Anthracene	0.00308	J	0.00198	0.00728	1	09/17/2025 23:26	WG2601430
Acenaphthene	0.0127		0.00196	0.00728	1	09/17/2025 23:26	WG2601430
Acenaphthylene	U		0.00193	0.00728	1	09/17/2025 23:26	WG2601430
Benzo(a)anthracene	U		0.00243	0.00728	1	09/17/2025 23:26	WG2601430
Benzo(a)pyrene	U		0.00198	0.00728	1	09/17/2025 23:26	WG2601430
Benzo(b)fluoranthene	U		0.00334	0.00728	1	09/17/2025 23:26	WG2601430

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

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Benzo(g,h,i)perylene	U		0.00234	0.00728	1	09/17/2025 23:26	WG2601430
Benzo(k)fluoranthene	U		0.00258	0.00728	1	09/17/2025 23:26	WG2601430
Chrysene	U		0.00250	0.00728	1	09/17/2025 23:26	WG2601430
Dibenz(a,h)anthracene	U		0.00244	0.00728	1	09/17/2025 23:26	WG2601430
Fluoranthene	0.00375	J	0.00290	0.00728	1	09/17/2025 23:26	WG2601430
Fluorene	0.0121		0.00218	0.00728	1	09/17/2025 23:26	WG2601430
Indeno(1,2,3-cd)pyrene	U		0.00284	0.00728	1	09/17/2025 23:26	WG2601430
Naphthalene	2.05		0.00702	0.0243	1	09/17/2025 23:26	WG2601430
Phenanthrene	0.0143		0.00370	0.00728	1	09/17/2025 23:26	WG2601430
Pyrene	0.00374	J	0.00249	0.00728	1	09/17/2025 23:26	WG2601430
1-Methylnaphthalene	2.95		0.00266	0.0243	1	09/17/2025 23:26	WG2601430
2-Methylnaphthalene	7.05		0.138	0.485	20	09/18/2025 19:07	WG2601430
2-Chloronaphthalene	U		0.00156	0.0243	1	09/17/2025 23:26	WG2601430
(S) p-Terphenyl-d14	*66.3*			*23.0-120*		*09/17/2025 23:26*	WG2601430
(S) p-Terphenyl-d14	*78.6*	J7		*23.0-120*		*09/18/2025 19:07*	WG2601430
(S) 2-Fluorobiphenyl	*71.1*			*34.0-125*		*09/17/2025 23:26*	WG2601430
(S) 2-Fluorobiphenyl	*73.0*	J7		*34.0-125*		*09/18/2025 19:07*	WG2601430
(S) 2-Methylnaphthalene-d10	*80.9*	J7		*50.0-150*		*09/18/2025 19:07*	WG2601430
(S) 2-Methylnaphthalene-d10	*74.1*			*50.0-150*		*09/17/2025 23:26*	WG2601430

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	74.2		1	09/13/2025 16:00	WG2599905

Metals (ICPMS) by Method 6020B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Cadmium	U		0.122	0.270	1	09/24/2025 11:41	WG2599571
Chromium	11.7		0.221	1.35	1	09/24/2025 11:41	WG2599571
Lead	3.05		0.193	0.539	1	09/24/2025 11:41	WG2599571

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Gasoline Range Organics-NWTPH	U		3.08	5.72	36	09/14/2025 15:28	WG2599832
(S) a,a,a-Trifluorotoluene(FID)	*96.7*			*77.0-120*		*09/14/2025 15:28*	WG2599832

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

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acetone	U		0.159	0.229	1.44	09/12/2025 19:51	WG2599673
Acrylonitrile	U		0.0184	0.0286	1.44	09/12/2025 19:51	WG2599673
Benzene	U		0.00162	0.00229	1.44	09/12/2025 19:51	WG2599673
Bromobenzene	U		0.00893	0.0286	1.44	09/12/2025 19:51	WG2599673
Bromodichloromethane	U		0.00267	0.00572	1.44	09/12/2025 19:51	WG2599673
Bromoform	U		0.0227	0.0572	1.44	09/12/2025 19:51	WG2599673
Bromomethane	U		0.0230	0.0286	1.44	09/12/2025 19:51	WG2599673
n-Butylbenzene	0.0161	J	0.0143	0.0286	1.44	09/12/2025 19:51	WG2599673
sec-Butylbenzene	U		0.00877	0.0286	1.44	09/12/2025 19:51	WG2599673
tert-Butylbenzene	U		0.00432	0.0114	1.44	09/12/2025 19:51	WG2599673
Carbon tetrachloride	U		0.00688	0.0114	1.44	09/12/2025 19:51	WG2599673
Chlorobenzene	U		0.00197	0.00572	1.44	09/12/2025 19:51	WG2599673
Chlorodibromomethane	U		0.00369	0.00572	1.44	09/12/2025 19:51	WG2599673
Chloroethane	U		0.0130	0.0229	1.44	09/12/2025 19:51	WG2599673
Chloroform	U		0.00370	0.00572	1.44	09/12/2025 19:51	WG2599673
Chloromethane	U		0.0194	0.0286	1.44	09/12/2025 19:51	WG2599673
2-Chlorotoluene	U		0.00296	0.00572	1.44	09/12/2025 19:51	WG2599673
4-Chlorotoluene	U		0.00353	0.0114	1.44	09/12/2025 19:51	WG2599673
1,2-Dibromo-3-Chloropropane	U	C3	0.0245	0.0572	1.44	09/12/2025 19:51	WG2599673
1,2-Dibromoethane	U		0.00288	0.00572	1.44	09/12/2025 19:51	WG2599673
Dibromomethane	U		0.00407	0.0114	1.44	09/12/2025 19:51	WG2599673
1,2-Dichlorobenzene	U		0.00358	0.0114	1.44	09/12/2025 19:51	WG2599673
1,3-Dichlorobenzene	U		0.00378	0.0114	1.44	09/12/2025 19:51	WG2599673
1,4-Dichlorobenzene	U		0.00400	0.0114	1.44	09/12/2025 19:51	WG2599673
Dichlorodifluoromethane	U		0.00995	0.0114	1.44	09/12/2025 19:51	WG2599673
1,1-Dichloroethane	U		0.00230	0.00572	1.44	09/12/2025 19:51	WG2599673
1,2-Dichloroethane	U		0.00334	0.00572	1.44	09/12/2025 19:51	WG2599673
1,1-Dichloroethene	U		0.00350	0.00572	1.44	09/12/2025 19:51	WG2599673
cis-1,2-Dichloroethene	U		0.00296	0.00572	1.44	09/12/2025 19:51	WG2599673
trans-1,2-Dichloroethene	U		0.00238	0.0114	1.44	09/12/2025 19:51	WG2599673
1,2-Dichloropropane	U		0.00439	0.0114	1.44	09/12/2025 19:51	WG2599673
1,1-Dichloropropene	U		0.00316	0.0114	1.44	09/12/2025 19:51	WG2599673
1,3-Dichloropropane	U		0.00370	0.0114	1.44	09/12/2025 19:51	WG2599673
cis-1,3-Dichloropropene	U		0.00240	0.00572	1.44	09/12/2025 19:51	WG2599673
trans-1,3-Dichloropropene	U		0.00240	0.0114	1.44	09/12/2025 19:51	WG2599673
2,2-Dichloropropane	U		0.00462	0.00572	1.44	09/12/2025 19:51	WG2599673

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

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Di-isopropyl ether	U		0.00176	0.00229	1.44	09/12/2025 19:51	WG2599673
Ethylbenzene	0.0153		0.00226	0.00572	1.44	09/12/2025 19:51	WG2599673
Hexachloro-1,3-butadiene	U	C3	0.0238	0.0572	1.44	09/12/2025 19:51	WG2599673
Isopropylbenzene	0.00407	J	0.00230	0.00572	1.44	09/12/2025 19:51	WG2599673
p-Isopropyltoluene	U		0.00488	0.0114	1.44	09/12/2025 19:51	WG2599673
2-Butanone (MEK)	U		0.203	0.229	1.44	09/12/2025 19:51	WG2599673
Methylene Chloride	U		0.0251	0.0572	1.44	09/12/2025 19:51	WG2599673
4-Methyl-2-pentanone (MIBK)	U		0.0227	0.0572	1.44	09/12/2025 19:51	WG2599673
Methyl tert-butyl ether	U		0.00176	0.00229	1.44	09/12/2025 19:51	WG2599673
Naphthalene	0.183	C3 J4	0.0175	0.0286	1.44	09/12/2025 19:51	WG2599673
n-Propylbenzene	0.0210		0.00386	0.0114	1.44	09/12/2025 19:51	WG2599673
Styrene	U		0.0102	0.0286	1.44	09/12/2025 19:51	WG2599673
1,1,1,2-Tetrachloroethane	U		0.00297	0.00572	1.44	09/12/2025 19:51	WG2599673
1,1,2,2-Tetrachloroethane	U		0.00265	0.00572	1.44	09/12/2025 19:51	WG2599673
1,1,2-Trichlorotrifluoroethane	U		0.00644	0.0114	1.44	09/12/2025 19:51	WG2599673
Tetrachloroethene	U		0.00348	0.00572	1.44	09/12/2025 19:51	WG2599673
Toluene	U		0.00661	0.0114	1.44	09/12/2025 19:51	WG2599673
1,2,3-Trichlorobenzene	U	C3	0.0161	0.0286	1.44	09/12/2025 19:51	WG2599673
1,2,4-Trichlorobenzene	U	C3	0.0124	0.0286	1.44	09/12/2025 19:51	WG2599673
1,1,1-Trichloroethane	U		0.00332	0.00572	1.44	09/12/2025 19:51	WG2599673
1,1,2-Trichloroethane	U		0.00307	0.00572	1.44	09/12/2025 19:51	WG2599673
Trichloroethene	U		0.00203	0.00229	1.44	09/12/2025 19:51	WG2599673
Trichlorofluoromethane	U		0.00598	0.00915	1.44	09/12/2025 19:51	WG2599673
1,2,3-Trichloropropane	U		0.0140	0.0286	1.44	09/12/2025 19:51	WG2599673
1,2,4-Trimethylbenzene	0.0146		0.00545	0.0114	1.44	09/12/2025 19:51	WG2599673
1,2,3-Trimethylbenzene	0.0227		0.00416	0.0114	1.44	09/12/2025 19:51	WG2599673
Vinyl chloride	U		0.00459	0.00572	1.44	09/12/2025 19:51	WG2599673
1,3,5-Trimethylbenzene	U		0.00521	0.0114	1.44	09/12/2025 19:51	WG2599673
Xylenes, Total	0.0218		0.00640	0.0149	1.44	09/12/2025 19:51	WG2599673
(S) Toluene-d8	*93.9*			*75.0-131*		*09/12/2025 19:51*	WG2599673
(S) 4-Bromofluorobenzene	*101*			*67.0-138*		*09/12/2025 19:51*	WG2599673
(S) 1,2-Dichloroethane-d4	*103*			*70.0-130*		*09/12/2025 19:51*	WG2599673

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Diesel Range Organics (DRO)	6.64		1.79	5.39	1	09/17/2025 14:38	WG2601354
Residual Range Organics (RRO)	19.9		4.49	13.5	1	09/17/2025 14:38	WG2601354
(S) o-Terphenyl	*70.5*			*18.0-148*		*09/17/2025 14:38*	WG2601354

Sample Narrative:

L1897243-02 WG2601354: Sample resembles laboratory standard for Hydraulic Oil & Diesel.

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

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Anthracene	U		0.00220	0.00809	1	09/17/2025 23:46	WG2601430
Acenaphthene	U		0.00218	0.00809	1	09/17/2025 23:46	WG2601430
Acenaphthylene	U		0.00214	0.00809	1	09/17/2025 23:46	WG2601430
Benzo(a)anthracene	U		0.00270	0.00809	1	09/17/2025 23:46	WG2601430
Benzo(a)pyrene	U		0.00220	0.00809	1	09/17/2025 23:46	WG2601430
Benzo(b)fluoranthene	U		0.00371	0.00809	1	09/17/2025 23:46	WG2601430
Benzo(g,h,i)perylene	U		0.00260	0.00809	1	09/17/2025 23:46	WG2601430
Benzo(k)fluoranthene	U		0.00287	0.00809	1	09/17/2025 23:46	WG2601430
Chrysene	U		0.00278	0.00809	1	09/17/2025 23:46	WG2601430

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

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Dibenz(a,h)anthracene	U		0.00271	0.00809	1	09/17/2025 23:46	WG2601430
Fluoranthene	U		0.00322	0.00809	1	09/17/2025 23:46	WG2601430
Fluorene	U		0.00243	0.00809	1	09/17/2025 23:46	WG2601430
Indeno(1,2,3-cd)pyrene	U		0.00315	0.00809	1	09/17/2025 23:46	WG2601430
Naphthalene	0.191		0.00780	0.0270	1	09/17/2025 23:46	WG2601430
Phenanthrene	U		0.00411	0.00809	1	09/17/2025 23:46	WG2601430
Pyrene	U		0.00276	0.00809	1	09/17/2025 23:46	WG2601430
1-Methylnaphthalene	0.0625		0.00295	0.0270	1	09/17/2025 23:46	WG2601430
2-Methylnaphthalene	0.172		0.00769	0.0270	1	09/17/2025 23:46	WG2601430
2-Chloronaphthalene	U		0.00174	0.0270	1	09/17/2025 23:46	WG2601430
(S) p-Terphenyl-d14	*66.8*			*23.0-120*		*09/17/2025 23:46*	WG2601430
(S) 2-Fluorobiphenyl	*71.2*			*34.0-125*		*09/17/2025 23:46*	WG2601430
(S) 2-Methylnaphthalene-d10	*70.8*			*50.0-150*		*09/17/2025 23:46*	WG2601430

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	82.1		1	09/13/2025 16:00	WG2599905

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Gasoline Range Organics-NWTPH	1330		7.77	14.4	100	09/14/2025 18:48	WG2599832
(S) a,a,a-Trifluorotoluene(FID)	*105*			*77.0-120*		*09/14/2025 18:48*	WG2599832

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Diesel Range Organics (DRO)	263		1.62	4.87	1	09/18/2025 12:22	WG2601354
Residual Range Organics (RRO)	68.2		4.06	12.2	1	09/18/2025 12:22	WG2601354
(S) o-Terphenyl	*52.0*			*18.0-148*		*09/18/2025 12:22*	WG2601354

Sample Narrative:

L1897243-03 WG2601354: Sample resembles laboratory standard for Kerosene.

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	74.2		1	09/13/2025 16:00	WG2599905

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Gasoline Range Organics-NWTPH	2.87	J	2.50	4.64	28	09/14/2025 15:47	WG2599832
(S) a,a,a-Trifluorotoluene(FID)	*96.5*			*77.0-120*		*09/14/2025 15:47*	WG2599832

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Diesel Range Organics (DRO)	1.85	J	1.79	5.39	1	09/17/2025 17:41	WG2601403
Residual Range Organics (RRO)	U		4.49	13.5	1	09/17/2025 17:41	WG2601403
(S) o-Terphenyl	*66.0*			*18.0-148*		*09/17/2025 17:41*	WG2601403

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	76.3		1	09/13/2025 16:00	WG2599905

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Gasoline Range Organics-NWTPH	3.98	J	2.27	4.20	25	09/14/2025 16:07	WG2599832
(S) a,a,a-Trifluorotoluene(FID)	*96.1*			*77.0-120*		*09/14/2025 16:07*	WG2599832

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Diesel Range Organics (DRO)	4.52	J	1.74	5.24	1	09/17/2025 21:17	WG2601403
Residual Range Organics (RRO)	21.5		4.37	13.1	1	09/17/2025 21:17	WG2601403
(S) o-Terphenyl	*61.4*			*18.0-148*		*09/17/2025 21:17*	WG2601403

Sample Narrative:

L1897243-05 WG2601403: Sample resembles laboratory standard for Hydraulic Oil.

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	51.7		1	09/13/2025 16:00	WG2599905

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Gasoline Range Organics-NWTPH	U		4.44	8.21	30.3	09/14/2025 16:52	WG2599832
(S) a,a,a-Trifluorotoluene(FID)	*97.6*			*77.0-120*		*09/14/2025 16:52*	WG2599832

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Diesel Range Organics (DRO)	3.19	J	2.57	7.74	1	09/17/2025 23:53	WG2601404
Residual Range Organics (RRO)	7.43	B J	6.45	19.4	1	09/17/2025 23:53	WG2601404
(S) o-Terphenyl	*40.9*			*18.0-148*		*09/17/2025 23:53*	WG2601404

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	60.2		1	09/13/2025 16:00	WG2599905

Metals (ICPMS) by Method 6020B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Cadmium	0.212	J	0.154	0.339	1.02	09/24/2025 12:04	WG2599571
Chromium	18.5		0.277	1.69	1.02	09/24/2025 12:04	WG2599571
Lead	23.2		0.243	0.678	1.02	09/24/2025 12:04	WG2599571

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Gasoline Range Organics-NWTPH	418		3.42	6.33	25	09/14/2025 17:12	WG2599832
(S) a,a,a-Trifluorotoluene(FID)	*101*			*77.0-120*		*09/14/2025 17:12*	WG2599832

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

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acetone	U	J4	0.177	0.253	1	09/12/2025 22:05	WG2599784
Acrylonitrile	U		0.0203	0.0317	1	09/12/2025 22:05	WG2599784
Benzene	0.00395		0.00180	0.00253	1	09/12/2025 22:05	WG2599784
Bromobenzene	U		0.00988	0.0317	1	09/12/2025 22:05	WG2599784
Bromodichloromethane	U		0.00296	0.00633	1	09/12/2025 22:05	WG2599784
Bromoform	U		0.0251	0.0633	1	09/12/2025 22:05	WG2599784
Bromomethane	U		0.0256	0.0317	1	09/12/2025 22:05	WG2599784
n-Butylbenzene	U		0.0158	0.0317	1	09/12/2025 22:05	WG2599784
sec-Butylbenzene	0.0438		0.00970	0.0317	1	09/12/2025 22:05	WG2599784
tert-Butylbenzene	U	C3	0.00479	0.0127	1	09/12/2025 22:05	WG2599784
Carbon tetrachloride	U		0.00762	0.0127	1	09/12/2025 22:05	WG2599784
Chlorobenzene	U		0.00217	0.00633	1	09/12/2025 22:05	WG2599784
Chlorodibromomethane	U		0.00408	0.00633	1	09/12/2025 22:05	WG2599784
Chloroethane	U		0.0144	0.0253	1	09/12/2025 22:05	WG2599784
Chloroform	U		0.00410	0.00633	1	09/12/2025 22:05	WG2599784
Chloromethane	U	J4	0.0215	0.0317	1	09/12/2025 22:05	WG2599784
2-Chlorotoluene	U	C3	0.00327	0.00633	1	09/12/2025 22:05	WG2599784
4-Chlorotoluene	U	C3 J4	0.00390	0.0127	1	09/12/2025 22:05	WG2599784
1,2-Dibromo-3-Chloropropane	U		0.0271	0.0633	1	09/12/2025 22:05	WG2599784
1,2-Dibromoethane	U		0.00319	0.00633	1	09/12/2025 22:05	WG2599784
Dibromomethane	U		0.00451	0.0127	1	09/12/2025 22:05	WG2599784
1,2-Dichlorobenzene	U		0.00395	0.0127	1	09/12/2025 22:05	WG2599784
1,3-Dichlorobenzene	U		0.00418	0.0127	1	09/12/2025 22:05	WG2599784
1,4-Dichlorobenzene	U		0.00443	0.0127	1	09/12/2025 22:05	WG2599784
Dichlorodifluoromethane	U		0.0110	0.0127	1	09/12/2025 22:05	WG2599784
1,1-Dichloroethane	U		0.00256	0.00633	1	09/12/2025 22:05	WG2599784
1,2-Dichloroethane	U		0.00370	0.00633	1	09/12/2025 22:05	WG2599784
1,1-Dichloroethene	U		0.00388	0.00633	1	09/12/2025 22:05	WG2599784
cis-1,2-Dichloroethene	U		0.00327	0.00633	1	09/12/2025 22:05	WG2599784
trans-1,2-Dichloroethene	U		0.00263	0.0127	1	09/12/2025 22:05	WG2599784
1,2-Dichloropropane	U		0.00486	0.0127	1	09/12/2025 22:05	WG2599784
1,1-Dichloropropene	U		0.00350	0.0127	1	09/12/2025 22:05	WG2599784
1,3-Dichloropropane	U		0.00410	0.0127	1	09/12/2025 22:05	WG2599784
cis-1,3-Dichloropropene	U		0.00266	0.00633	1	09/12/2025 22:05	WG2599784
trans-1,3-Dichloropropene	U		0.00266	0.0127	1	09/12/2025 22:05	WG2599784
2,2-Dichloropropane	U		0.00512	0.00633	1	09/12/2025 22:05	WG2599784

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

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Di-isopropyl ether	U		0.00195	0.00253	1	09/12/2025 22:05	WG2599784
Ethylbenzene	0.0355		0.00250	0.00633	1	09/12/2025 22:05	WG2599784
Hexachloro-1,3-butadiene	U		0.0263	0.0633	1	09/12/2025 22:05	WG2599784
Isopropylbenzene	0.0274		0.00256	0.00633	1	09/12/2025 22:05	WG2599784
p-Isopropyltoluene	0.491		0.00540	0.0127	1	09/12/2025 22:05	WG2599784
2-Butanone (MEK)	U		0.225	0.253	1	09/12/2025 22:05	WG2599784
Methylene Chloride	U		0.0279	0.0633	1	09/12/2025 22:05	WG2599784
4-Methyl-2-pentanone (MIBK)	U		0.0251	0.0633	1	09/12/2025 22:05	WG2599784
Methyl tert-butyl ether	U		0.00196	0.00253	1	09/12/2025 22:05	WG2599784
Naphthalene	0.481		0.0193	0.0317	1	09/12/2025 22:05	WG2599784
n-Propylbenzene	0.0301		0.00428	0.0127	1	09/12/2025 22:05	WG2599784
Styrene	U		0.0113	0.0317	1	09/12/2025 22:05	WG2599784
1,1,1,2-Tetrachloroethane	U		0.00329	0.00633	1	09/12/2025 22:05	WG2599784
1,1,2,2-Tetrachloroethane	U		0.00294	0.00633	1	09/12/2025 22:05	WG2599784
1,1,2-Trichlorotrifluoroethane	U		0.00712	0.0127	1	09/12/2025 22:05	WG2599784
Tetrachloroethene	U		0.00385	0.00633	1	09/12/2025 22:05	WG2599784
Toluene	0.347		0.00732	0.0127	1	09/12/2025 22:05	WG2599784
1,2,3-Trichlorobenzene	U		0.0177	0.0317	1	09/12/2025 22:05	WG2599784
1,2,4-Trichlorobenzene	U		0.0137	0.0317	1	09/12/2025 22:05	WG2599784
1,1,1-Trichloroethane	U		0.00367	0.00633	1	09/12/2025 22:05	WG2599784
1,1,2-Trichloroethane	U		0.00339	0.00633	1	09/12/2025 22:05	WG2599784
Trichloroethene	U		0.00226	0.00253	1	09/12/2025 22:05	WG2599784
Trichlorofluoromethane	U		0.00661	0.0101	1	09/12/2025 22:05	WG2599784
1,2,3-Trichloropropane	U		0.0155	0.0317	1	09/12/2025 22:05	WG2599784
1,2,4-Trimethylbenzene	4.18		0.00603	0.0127	1	09/12/2025 22:05	WG2599784
1,2,3-Trimethylbenzene	5.65		0.0461	0.127	10	09/17/2025 20:51	WG2602712
Vinyl chloride	U		0.00509	0.00633	1	09/12/2025 22:05	WG2599784
1,3,5-Trimethylbenzene	3.17		0.00578	0.0127	1	09/12/2025 22:05	WG2599784
Xylenes, Total	3.22		0.00709	0.0165	1	09/12/2025 22:05	WG2599784
(S) Toluene-d8	*86.1*			*75.0-131*		*09/12/2025 22:05*	WG2599784
(S) Toluene-d8	*105*			*75.0-131*		*09/17/2025 20:51*	WG2602712
(S) 4-Bromofluorobenzene	*159*	J1		*67.0-138*		*09/12/2025 22:05*	WG2599784
(S) 4-Bromofluorobenzene	*98.0*			*67.0-138*		*09/17/2025 20:51*	WG2602712
(S) 1,2-Dichloroethane-d4	*101*			*70.0-130*		*09/12/2025 22:05*	WG2599784
(S) 1,2-Dichloroethane-d4	*106*			*70.0-130*		*09/17/2025 20:51*	WG2602712

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Diesel Range Organics (DRO)	1180		110	332	50	09/17/2025 20:06	WG2601404
Residual Range Organics (RRO)	6860		276	831	50	09/17/2025 20:06	WG2601404
(S) o-Terphenyl	*0.000*	J7		*18.0-148*		*09/17/2025 20:06*	WG2601404

Sample Narrative:

L1897243-07 WG2601404: Sample resembles laboratory standard for Mineral Spirits & Hydraulic Oil.

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

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Anthracene	U		0.00271	0.00997	1	09/18/2025 02:46	WG2601430
Acenaphthene	0.00733	J	0.00269	0.00997	1	09/18/2025 02:46	WG2601430
Acenaphthylene	U		0.00264	0.00997	1	09/18/2025 02:46	WG2601430
Benzo(a)anthracene	0.424		0.00332	0.00997	1	09/18/2025 02:46	WG2601430
Benzo(a)pyrene	0.162		0.00271	0.00997	1	09/18/2025 02:46	WG2601430
Benzo(b)fluoranthene	0.201		0.00457	0.00997	1	09/18/2025 02:46	WG2601430

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

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Benzo(g,h,i)perylene	0.0836		0.00321	0.00997	1	09/18/2025 02:46	WG2601430
Benzo(k)fluoranthene	U		0.00354	0.00997	1	09/18/2025 02:46	WG2601430
Chrysene	0.174		0.00342	0.00997	1	09/18/2025 02:46	WG2601430
Dibenz(a,h)anthracene	0.0774		0.00334	0.00997	1	09/18/2025 02:46	WG2601430
Fluoranthene	0.0670		0.00397	0.00997	1	09/18/2025 02:46	WG2601430
Fluorene	0.0301		0.00299	0.00997	1	09/18/2025 02:46	WG2601430
Indeno(1,2,3-cd)pyrene	0.0429		0.00389	0.00997	1	09/18/2025 02:46	WG2601430
Naphthalene	0.508		0.00962	0.0332	1	09/18/2025 02:46	WG2601430
Phenanthrene	0.132		0.00507	0.00997	1	09/18/2025 02:46	WG2601430
Pyrene	0.153		0.00341	0.00997	1	09/18/2025 02:46	WG2601430
1-Methylnaphthalene	0.100		0.00364	0.0332	1	09/18/2025 02:46	WG2601430
2-Methylnaphthalene	0.139		0.00949	0.0332	1	09/18/2025 02:46	WG2601430
2-Chloronaphthalene	0.00322	J	0.00214	0.0332	1	09/18/2025 02:46	WG2601430
(S) p-Terphenyl-d14	*66.0*			*23.0-120*		*09/18/2025 02:46*	WG2601430
(S) 2-Fluorobiphenyl	*74.8*			*34.0-125*		*09/18/2025 02:46*	WG2601430
(S) 2-Methylnaphthalene-d10	*82.7*			*50.0-150*		*09/18/2025 02:46*	WG2601430

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	76.2		1	09/13/2025 16:00	WG2599905

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Gasoline Range Organics-NWTPH	U		2.25	4.16	25	09/17/2025 02:07	WG2602045
(S) a,a,a-Trifluorotoluene(FID)	*102*			*77.0-120*		*09/17/2025 02:07*	WG2602045

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Diesel Range Organics (DRO)	4.79	J	1.74	5.25	1	09/18/2025 01:46	WG2601404
Residual Range Organics (RRO)	19.4	B	4.37	13.1	1	09/18/2025 01:46	WG2601404
(S) o-Terphenyl	*25.2*			*18.0-148*		*09/18/2025 01:46*	WG2601404

Sample Narrative:

L1897243-08 WG2601404: Sample resembles laboratory standard for Hydraulic Oil.

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

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	49.4		1	09/13/2025 15:49	WG2599906

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Gasoline Range Organics-NWTPH	11.2		5.19	9.60	34.8	09/14/2025 18:05	WG2599832
(S) a,a,a-Trifluorotoluene(FID)	*96.8*			*77.0-120*		*09/14/2025 18:05*	WG2599832

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Diesel Range Organics (DRO)	37.0		2.69	8.10	1	09/17/2025 22:14	WG2601404
Residual Range Organics (RRO)	U		6.74	20.2	1	09/17/2025 22:14	WG2601404
(S) o-Terphenyl	*31.3*			*18.0-148*		*09/17/2025 22:14*	WG2601404

Sample Narrative:

L1897243-09 WG2601404: Sample resembles laboratory standard for Diesel.

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

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	73.4		1	09/13/2025 15:49	WG2599906

Metals (ICPMS) by Method 6020B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Cadmium	U		0.124	0.273	1	09/24/2025 12:15	WG2599571
Chromium	28.9		0.224	1.36	1	09/24/2025 12:15	WG2599571
Lead	5.29		0.195	0.545	1	09/24/2025 12:15	WG2599571

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Gasoline Range Organics-NWTPH	649		9.47	17.5	100	09/14/2025 19:07	WG2599832
(S) a,a,a-Trifluorotoluene(FID)	*98.2*			*77.0-120*		*09/14/2025 19:07*	WG2599832

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

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acetone	U		0.978	1.40	8	09/17/2025 21:10	WG2602712
Acrylonitrile	U		0.113	0.175	8	09/13/2025 02:46	WG2599784
Benzene	U		0.00997	0.0140	8	09/13/2025 02:46	WG2599784
Bromobenzene	U		0.0547	0.175	8	09/13/2025 02:46	WG2599784
Bromodichloromethane	U		0.0164	0.0351	8	09/13/2025 02:46	WG2599784
Bromoform	U		0.139	0.351	8	09/13/2025 02:46	WG2599784
Bromomethane	U		0.142	0.175	8	09/13/2025 02:46	WG2599784
n-Butylbenzene	2.31		0.0876	0.175	8	09/13/2025 02:46	WG2599784
sec-Butylbenzene	1.28		0.0536	0.175	8	09/13/2025 02:46	WG2599784
tert-Butylbenzene	0.0584	C3 J	0.0265	0.0701	8	09/13/2025 02:46	WG2599784
Carbon tetrachloride	U		0.0422	0.0701	8	09/13/2025 02:46	WG2599784
Chlorobenzene	U		0.0120	0.0351	8	09/13/2025 02:46	WG2599784
Chlorodibromomethane	U		0.0226	0.0351	8	09/13/2025 02:46	WG2599784
Chloroethane	U		0.0798	0.140	8	09/13/2025 02:46	WG2599784
Chloroform	U		0.0228	0.0351	8	09/13/2025 02:46	WG2599784
Chloromethane	U	J4 J5	0.119	0.175	8	09/13/2025 02:46	WG2599784
2-Chlorotoluene	U	C3	0.0181	0.0351	8	09/13/2025 02:46	WG2599784
4-Chlorotoluene	U	C3 J4	0.0216	0.0701	8	09/13/2025 02:46	WG2599784
1,2-Dibromo-3-Chloropropane	U		0.150	0.351	8	09/13/2025 02:46	WG2599784
1,2-Dibromoethane	U		0.0177	0.0351	8	09/13/2025 02:46	WG2599784
Dibromomethane	U		0.0249	0.0701	8	09/13/2025 02:46	WG2599784
1,2-Dichlorobenzene	U		0.0219	0.0701	8	09/13/2025 02:46	WG2599784
1,3-Dichlorobenzene	U		0.0231	0.0701	8	09/13/2025 02:46	WG2599784
1,4-Dichlorobenzene	U		0.0245	0.0701	8	09/13/2025 02:46	WG2599784
Dichlorodifluoromethane	U	J3	0.0610	0.0701	8	09/13/2025 02:46	WG2599784
1,1-Dichloroethane	U		0.0142	0.0351	8	09/13/2025 02:46	WG2599784
1,2-Dichloroethane	U		0.0205	0.0351	8	09/13/2025 02:46	WG2599784
1,1-Dichloroethene	U		0.0214	0.0351	8	09/13/2025 02:46	WG2599784
cis-1,2-Dichloroethene	U		0.0181	0.0351	8	09/13/2025 02:46	WG2599784
trans-1,2-Dichloroethene	U		0.0146	0.0701	8	09/13/2025 02:46	WG2599784
1,2-Dichloropropane	U		0.0270	0.0701	8	09/13/2025 02:46	WG2599784
1,1-Dichloropropene	U		0.0193	0.0701	8	09/13/2025 02:46	WG2599784
1,3-Dichloropropane	U		0.0228	0.0701	8	09/13/2025 02:46	WG2599784
cis-1,3-Dichloropropene	U		0.0147	0.0351	8	09/13/2025 02:46	WG2599784
trans-1,3-Dichloropropene	U		0.0147	0.0701	8	09/13/2025 02:46	WG2599784
2,2-Dichloropropane	U	J5	0.0284	0.0351	8	09/13/2025 02:46	WG2599784

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

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Di-isopropyl ether	U		0.0108	0.0140	8	09/13/2025 02:46	WG2599784
Ethylbenzene	U		0.0138	0.0351	8	09/13/2025 02:46	WG2599784
Hexachloro-1,3-butadiene	U		0.146	0.351	8	09/13/2025 02:46	WG2599784
Isopropylbenzene	0.254		0.0142	0.0351	8	09/13/2025 02:46	WG2599784
p-Isopropyltoluene	U		0.0298	0.0701	8	09/13/2025 02:46	WG2599784
2-Butanone (MEK)	U	J5	1.24	1.40	8	09/13/2025 02:46	WG2599784
Methylene Chloride	U		0.154	0.351	8	09/13/2025 02:46	WG2599784
4-Methyl-2-pentanone (MIBK)	U	J5	0.139	0.351	8	09/13/2025 02:46	WG2599784
Methyl tert-butyl ether	U		0.0108	0.0140	8	09/13/2025 02:46	WG2599784
Naphthalene	U		0.107	0.175	8	09/13/2025 02:46	WG2599784
n-Propylbenzene	0.957		0.0237	0.0701	8	09/13/2025 02:46	WG2599784
Styrene	U		0.0624	0.175	8	09/13/2025 02:46	WG2599784
1,1,1,2-Tetrachloroethane	U		0.0182	0.0351	8	09/13/2025 02:46	WG2599784
1,1,2,2-Tetrachloroethane	U	J5	0.0163	0.0351	8	09/13/2025 02:46	WG2599784
1,1,2-Trichlorotrifluoroethane	U	J3	0.0394	0.0701	8	09/13/2025 02:46	WG2599784
Tetrachloroethene	U		0.0214	0.0351	8	09/13/2025 02:46	WG2599784
Toluene	U		0.0405	0.0701	8	09/13/2025 02:46	WG2599784
1,2,3-Trichlorobenzene	U	J3	0.0980	0.175	8	09/13/2025 02:46	WG2599784
1,2,4-Trichlorobenzene	U		0.0761	0.175	8	09/13/2025 02:46	WG2599784
1,1,1-Trichloroethane	U		0.0203	0.0351	8	09/13/2025 02:46	WG2599784
1,1,2-Trichloroethane	U		0.0188	0.0351	8	09/13/2025 02:46	WG2599784
Trichloroethene	U		0.0125	0.0140	8	09/13/2025 02:46	WG2599784
Trichlorofluoromethane	U		0.0366	0.0561	8	09/13/2025 02:46	WG2599784
1,2,3-Trichloropropane	U		0.0859	0.175	8	09/13/2025 02:46	WG2599784
1,2,4-Trimethylbenzene	0.0338	J	0.0333	0.0701	8	09/13/2025 02:46	WG2599784
1,2,3-Trimethylbenzene	U		0.0256	0.0701	8	09/13/2025 02:46	WG2599784
Vinyl chloride	U		0.0282	0.0351	8	09/13/2025 02:46	WG2599784
1,3,5-Trimethylbenzene	U		0.0319	0.0701	8	09/13/2025 02:46	WG2599784
Xylenes, Total	U		0.0393	0.0911	8	09/13/2025 02:46	WG2599784
(S) Toluene-d8	*88.3*			*75.0-131*		*09/13/2025 02:46*	WG2599784
(S) Toluene-d8	*101*			*75.0-131*		*09/17/2025 21:10*	WG2602712
(S) 4-Bromofluorobenzene	*141*	J1		*67.0-138*		*09/13/2025 02:46*	WG2599784
(S) 4-Bromofluorobenzene	*71.3*			*67.0-138*		*09/17/2025 21:10*	WG2602712
(S) 1,2-Dichloroethane-d4	*106*			*70.0-130*		*09/13/2025 02:46*	WG2599784
(S) 1,2-Dichloroethane-d4	*106*			*70.0-130*		*09/17/2025 21:10*	WG2602712

Sample Narrative:

L1897243-10 WG2599784: Non-target compounds too high to run at a lower dilution.

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Diesel Range Organics (DRO)	3860		36.3	109	20	09/18/2025 13:18	WG2601404
Residual Range Organics (RRO)	U		22.6	68.2	5	09/17/2025 19:09	WG2601404
(S) o-Terphenyl	*64.1*			*18.0-148*		*09/17/2025 19:09*	WG2601404
(S) o-Terphenyl	*0.000*	J7		*18.0-148*		*09/18/2025 13:18*	WG2601404

Sample Narrative:

L1897243-10 WG2601404: Sample resembles laboratory standard for Diesel.

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

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Anthracene	U		0.00222	0.00818	1	09/18/2025 00:06	WG2601430
Acenaphthene	0.394		0.00221	0.00818	1	09/18/2025 00:06	WG2601430
Acenaphthylene	U		0.00217	0.00818	1	09/18/2025 00:06	WG2601430
Benzo(a)anthracene	U		0.00273	0.00818	1	09/18/2025 00:06	WG2601430
Benzo(a)pyrene	U		0.00222	0.00818	1	09/18/2025 00:06	WG2601430
Benzo(b)fluoranthene	U		0.00375	0.00818	1	09/18/2025 00:06	WG2601430
Benzo(g,h,i)perylene	U		0.00263	0.00818	1	09/18/2025 00:06	WG2601430
Benzo(k)fluoranthene	U		0.00290	0.00818	1	09/18/2025 00:06	WG2601430
Chrysene	U		0.00281	0.00818	1	09/18/2025 00:06	WG2601430
Dibenz(a,h)anthracene	U		0.00274	0.00818	1	09/18/2025 00:06	WG2601430
Fluoranthene	0.00657	J	0.00326	0.00818	1	09/18/2025 00:06	WG2601430
Fluorene	1.10		0.00245	0.00818	1	09/18/2025 00:06	WG2601430
Indeno(1,2,3-cd)pyrene	U		0.00319	0.00818	1	09/18/2025 00:06	WG2601430
Naphthalene	0.766		0.00789	0.0273	1	09/18/2025 00:06	WG2601430
Phenanthrene	0.717		0.00416	0.00818	1	09/18/2025 00:06	WG2601430
Pyrene	0.00395	J	0.00279	0.00818	1	09/18/2025 00:06	WG2601430
1-Methylnaphthalene	6.22		0.0597	0.545	20	09/18/2025 19:25	WG2601430
2-Methylnaphthalene	2.25		0.00778	0.0273	1	09/18/2025 00:06	WG2601430
2-Chloronaphthalene	U		0.00176	0.0273	1	09/18/2025 00:06	WG2601430
(S) p-Terphenyl-d14	*63.8*			*23.0-120*		*09/18/2025 00:06*	WG2601430
(S) p-Terphenyl-d14	*77.1*	J7		*23.0-120*		*09/18/2025 19:25*	WG2601430
(S) 2-Fluorobiphenyl	*66.0*	J7		*34.0-125*		*09/18/2025 19:25*	WG2601430
(S) 2-Fluorobiphenyl	*86.3*			*34.0-125*		*09/18/2025 00:06*	WG2601430
(S) 2-Methylnaphthalene-d10	*104*			*50.0-150*		*09/18/2025 00:06*	WG2601430
(S) 2-Methylnaphthalene-d10	*105*	J7		*50.0-150*		*09/18/2025 19:25*	WG2601430

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	67.9		1	09/13/2025 15:49	WG2599906

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Gasoline Range Organics-NWTPH	U		2.65	4.91	25	09/17/2025 15:25	WG2602565
(S) a,a,a-Trifluorotoluene(FID)	*101*			*77.0-120*		*09/17/2025 15:25*	WG2602565

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

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acetone	U		0.137	0.196	1	09/17/2025 21:29	WG2602712
Acrylonitrile	U		0.0158	0.0246	1	09/17/2025 21:29	WG2602712
Benzene	U		0.00140	0.00196	1	09/17/2025 21:29	WG2602712
Bromobenzene	U		0.00766	0.0246	1	09/17/2025 21:29	WG2602712
Bromodichloromethane	U		0.00230	0.00491	1	09/17/2025 21:29	WG2602712
Bromoform	U		0.0195	0.0491	1	09/17/2025 21:29	WG2602712
Bromomethane	U	C3	0.0198	0.0246	1	09/17/2025 21:29	WG2602712
n-Butylbenzene	U		0.0123	0.0246	1	09/17/2025 21:29	WG2602712
sec-Butylbenzene	U		0.00752	0.0246	1	09/17/2025 21:29	WG2602712
tert-Butylbenzene	U		0.00371	0.00982	1	09/17/2025 21:29	WG2602712
Carbon tetrachloride	U		0.00591	0.00982	1	09/17/2025 21:29	WG2602712
Chlorobenzene	U		0.00169	0.00491	1	09/17/2025 21:29	WG2602712
Chlorodibromomethane	U		0.00316	0.00491	1	09/17/2025 21:29	WG2602712
Chloroethane	U		0.0112	0.0196	1	09/17/2025 21:29	WG2602712
Chloroform	U		0.00318	0.00491	1	09/17/2025 21:29	WG2602712
Chloromethane	U		0.0167	0.0246	1	09/17/2025 21:29	WG2602712
2-Chlorotoluene	U		0.00253	0.00491	1	09/17/2025 21:29	WG2602712
4-Chlorotoluene	U		0.00303	0.00982	1	09/17/2025 21:29	WG2602712
1,2-Dibromo-3-Chloropropane	U		0.0210	0.0491	1	09/17/2025 21:29	WG2602712
1,2-Dibromoethane	U		0.00248	0.00491	1	09/17/2025 21:29	WG2602712
Dibromomethane	U		0.00350	0.00982	1	09/17/2025 21:29	WG2602712
1,2-Dichlorobenzene	U		0.00306	0.00982	1	09/17/2025 21:29	WG2602712
1,3-Dichlorobenzene	U		0.00324	0.00982	1	09/17/2025 21:29	WG2602712
1,4-Dichlorobenzene	U		0.00344	0.00982	1	09/17/2025 21:29	WG2602712
Dichlorodifluoromethane	U		0.00855	0.00982	1	09/17/2025 21:29	WG2602712
1,1-Dichloroethane	U		0.00198	0.00491	1	09/17/2025 21:29	WG2602712
1,2-Dichloroethane	U		0.00287	0.00491	1	09/17/2025 21:29	WG2602712
1,1-Dichloroethene	U		0.00301	0.00491	1	09/17/2025 21:29	WG2602712
cis-1,2-Dichloroethene	U		0.00253	0.00491	1	09/17/2025 21:29	WG2602712
trans-1,2-Dichloroethene	U		0.00204	0.00982	1	09/17/2025 21:29	WG2602712
1,2-Dichloropropane	U		0.00377	0.00982	1	09/17/2025 21:29	WG2602712
1,1-Dichloropropene	U		0.00271	0.00982	1	09/17/2025 21:29	WG2602712
1,3-Dichloropropane	U		0.00318	0.00982	1	09/17/2025 21:29	WG2602712
cis-1,3-Dichloropropene	U		0.00206	0.00491	1	09/17/2025 21:29	WG2602712
trans-1,3-Dichloropropene	U		0.00206	0.00982	1	09/17/2025 21:29	WG2602712
2,2-Dichloropropane	U		0.00397	0.00491	1	09/17/2025 21:29	WG2602712
Di-isopropyl ether	U		0.00151	0.00196	1	09/17/2025 21:29	WG2602712
Ethylbenzene	U		0.00194	0.00491	1	09/17/2025 21:29	WG2602712
Hexachloro-1,3-butadiene	U		0.0204	0.0491	1	09/17/2025 21:29	WG2602712
Isopropylbenzene	U		0.00198	0.00491	1	09/17/2025 21:29	WG2602712
p-Isopropyltoluene	U		0.00418	0.00982	1	09/17/2025 21:29	WG2602712
2-Butanone (MEK)	U		0.174	0.196	1	09/17/2025 21:29	WG2602712
Methylene Chloride	U		0.0216	0.0491	1	09/17/2025 21:29	WG2602712
4-Methyl-2-pentanone (MIBK)	U		0.0195	0.0491	1	09/17/2025 21:29	WG2602712

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

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Methyl tert-butyl ether	U		0.00152	0.00196	1	09/17/2025 21:29	WG2602712
Naphthalene	U		0.0150	0.0246	1	09/17/2025 21:29	WG2602712
n-Propylbenzene	U		0.00332	0.00982	1	09/17/2025 21:29	WG2602712
Styrene	U		0.00874	0.0246	1	09/17/2025 21:29	WG2602712
1,1,1,2-Tetrachloroethane	U		0.00255	0.00491	1	09/17/2025 21:29	WG2602712
1,1,2,2-Tetrachloroethane	U		0.00228	0.00491	1	09/17/2025 21:29	WG2602712
1,1,2-Trichlorotrifluoroethane	U		0.00552	0.00982	1	09/17/2025 21:29	WG2602712
Tetrachloroethene	U		0.00299	0.00491	1	09/17/2025 21:29	WG2602712
Toluene	U		0.00568	0.00982	1	09/17/2025 21:29	WG2602712
1,2,3-Trichlorobenzene	U		0.0137	0.0246	1	09/17/2025 21:29	WG2602712
1,2,4-Trichlorobenzene	U		0.0106	0.0246	1	09/17/2025 21:29	WG2602712
1,1,1-Trichloroethane	U		0.00285	0.00491	1	09/17/2025 21:29	WG2602712
1,1,2-Trichloroethane	U		0.00263	0.00491	1	09/17/2025 21:29	WG2602712
Trichloroethene	U		0.00175	0.00196	1	09/17/2025 21:29	WG2602712
Trichlorofluoromethane	U		0.00513	0.00786	1	09/17/2025 21:29	WG2602712
1,2,3-Trichloropropane	U		0.0120	0.0246	1	09/17/2025 21:29	WG2602712
1,2,4-Trimethylbenzene	U		0.00468	0.00982	1	09/17/2025 21:29	WG2602712
1,2,3-Trimethylbenzene	U		0.00358	0.00982	1	09/17/2025 21:29	WG2602712
Vinyl chloride	U	C3	0.00395	0.00491	1	09/17/2025 21:29	WG2602712
1,3,5-Trimethylbenzene	U		0.00448	0.00982	1	09/17/2025 21:29	WG2602712
Xylenes, Total	U		0.00550	0.0128	1	09/17/2025 21:29	WG2602712
(S) Toluene-d8	*105*			*75.0-131*		*09/17/2025 21:29*	WG2602712
(S) 4-Bromofluorobenzene	*91.8*			*67.0-138*		*09/17/2025 21:29*	WG2602712
(S) 1,2-Dichloroethane-d4	*95.8*			*70.0-130*		*09/17/2025 21:29*	WG2602712

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Diesel Range Organics (DRO)	2.24	J	1.96	5.89	1	09/18/2025 01:32	WG2601404
Residual Range Organics (RRO)	10.6	B J	4.90	14.7	1	09/18/2025 01:32	WG2601404
(S) o-Terphenyl	*24.0*			*18.0-148*		*09/18/2025 01:32*	WG2601404

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

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Anthracene	U		0.00240	0.00883	1	09/18/2025 00:26	WG2601430
Acenaphthene	U		0.00239	0.00883	1	09/18/2025 00:26	WG2601430
Acenaphthylene	U		0.00234	0.00883	1	09/18/2025 00:26	WG2601430
Benzo(a)anthracene	U		0.00294	0.00883	1	09/18/2025 00:26	WG2601430
Benzo(a)pyrene	U		0.00240	0.00883	1	09/18/2025 00:26	WG2601430
Benzo(b)fluoranthene	U		0.00405	0.00883	1	09/18/2025 00:26	WG2601430
Benzo(g,h,i)perylene	U		0.00284	0.00883	1	09/18/2025 00:26	WG2601430
Benzo(k)fluoranthene	U		0.00314	0.00883	1	09/18/2025 00:26	WG2601430
Chrysene	U		0.00303	0.00883	1	09/18/2025 00:26	WG2601430
Dibenz(a,h)anthracene	U		0.00296	0.00883	1	09/18/2025 00:26	WG2601430
Fluoranthene	U		0.00352	0.00883	1	09/18/2025 00:26	WG2601430
Fluorene	U		0.00265	0.00883	1	09/18/2025 00:26	WG2601430
Indeno(1,2,3-cd)pyrene	U		0.00345	0.00883	1	09/18/2025 00:26	WG2601430
Naphthalene	U		0.00853	0.0294	1	09/18/2025 00:26	WG2601430
Phenanthrene	U		0.00449	0.00883	1	09/18/2025 00:26	WG2601430
Pyrene	U		0.00302	0.00883	1	09/18/2025 00:26	WG2601430
1-Methylnaphthalene	U		0.00322	0.0294	1	09/18/2025 00:26	WG2601430
2-Methylnaphthalene	U		0.00841	0.0294	1	09/18/2025 00:26	WG2601430
2-Chloronaphthalene	U		0.00190	0.0294	1	09/18/2025 00:26	WG2601430
(S) p-Terphenyl-d14	*56.9*			*23.0-120*		*09/18/2025 00:26*	WG2601430

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

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
(S) 2-Fluorobiphenyl	*59.8*			*34.0-125*		*09/18/2025 00:26*	WG2601430
(S) 2-Methylnaphthalene-d10	*58.8*			*50.0-150*		*09/18/2025 00:26*	WG2601430

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	78.3		1	09/13/2025 15:49	WG2599906

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Gasoline Range Organics-NWTPH	397		8.67	16.1	100	09/14/2025 17:33	WG2599865
(S) a,a,a-Trifluorotoluene(FID)	*98.9*			*77.0-120*		*09/14/2025 17:33*	WG2599865

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Diesel Range Organics (DRO)	170		17.0	51.1	10	09/17/2025 18:41	WG2601404
Residual Range Organics (RRO)	341		42.5	128	10	09/17/2025 18:41	WG2601404
(S) o-Terphenyl	*40.4*			*18.0-148*		*09/17/2025 18:41*	WG2601404

Sample Narrative:

L1897243-12 WG2601404: Sample resembles laboratory standard for Mineral Spirits & Hydraulic Oil.

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	70.7		1	09/13/2025 15:49	WG2599906

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Gasoline Range Organics-NWTPH	12.1		2.62	4.85	25	09/14/2025 15:37	WG2599865
(S) a,a,a-Trifluorotoluene(FID)	*98.6*			*77.0-120*		*09/14/2025 15:37*	WG2599865

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Diesel Range Organics (DRO)	4.61	J	1.88	5.66	1	09/18/2025 00:49	WG2601404
Residual Range Organics (RRO)	9.90	B J	4.71	14.1	1	09/18/2025 00:49	WG2601404
(S) o-Terphenyl	*26.2*			*18.0-148*		*09/18/2025 00:49*	WG2601404

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	75.2		1	09/13/2025 15:49	WG2599906

Metals (ICPMS) by Method 6020B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Cadmium	0.147	J	0.121	0.266	1	09/24/2025 12:18	WG2599571
Chromium	26.0		0.218	1.33	1	09/24/2025 12:18	WG2599571
Lead	5.07		0.190	0.532	1	09/24/2025 12:18	WG2599571

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Gasoline Range Organics-NWTPH	1620		18.6	34.5	200	09/14/2025 17:56	WG2599865
(S) a,a,a-Trifluorotoluene(FID)	*99.7*			*77.0-120*		*09/14/2025 17:56*	WG2599865

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

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acetone	U	J4	2.40	3.45	20	09/13/2025 03:23	WG2599784
Acrylonitrile	U		0.278	0.431	20	09/13/2025 03:23	WG2599784
Benzene	U		0.0245	0.0345	20	09/13/2025 03:23	WG2599784
Bromobenzene	U		0.135	0.431	20	09/13/2025 03:23	WG2599784
Bromodichloromethane	U		0.0404	0.0862	20	09/13/2025 03:23	WG2599784
Bromoform	U		0.341	0.862	20	09/13/2025 03:23	WG2599784
Bromomethane	U		0.348	0.431	20	09/13/2025 03:23	WG2599784
n-Butylbenzene	1.78		0.216	0.431	20	09/13/2025 03:23	WG2599784
sec-Butylbenzene	1.26		0.132	0.431	20	09/13/2025 03:23	WG2599784
tert-Butylbenzene	0.0695	C3 J	0.0652	0.172	20	09/13/2025 03:23	WG2599784
Carbon tetrachloride	U		0.104	0.172	20	09/13/2025 03:23	WG2599784
Chlorobenzene	U		0.0297	0.0862	20	09/13/2025 03:23	WG2599784
Chlorodibromomethane	U		0.0555	0.0862	20	09/13/2025 03:23	WG2599784
Chloroethane	U		0.197	0.345	20	09/13/2025 03:23	WG2599784
Chloroform	U		0.0559	0.0862	20	09/13/2025 03:23	WG2599784
Chloromethane	U	J4	0.293	0.431	20	09/13/2025 03:23	WG2599784
2-Chlorotoluene	U	C3	0.0445	0.0862	20	09/13/2025 03:23	WG2599784
4-Chlorotoluene	U	C3 J4	0.0531	0.172	20	09/13/2025 03:23	WG2599784
1,2-Dibromo-3-Chloropropane	U		0.369	0.862	20	09/13/2025 03:23	WG2599784
1,2-Dibromoethane	U		0.0435	0.0862	20	09/13/2025 03:23	WG2599784
Dibromomethane	U		0.0614	0.172	20	09/13/2025 03:23	WG2599784
1,2-Dichlorobenzene	U		0.0538	0.172	20	09/13/2025 03:23	WG2599784
1,3-Dichlorobenzene	U		0.0569	0.172	20	09/13/2025 03:23	WG2599784
1,4-Dichlorobenzene	U		0.0604	0.172	20	09/13/2025 03:23	WG2599784
Dichlorodifluoromethane	U		0.150	0.172	20	09/13/2025 03:23	WG2599784
1,1-Dichloroethane	U		0.0348	0.0862	20	09/13/2025 03:23	WG2599784
1,2-Dichloroethane	U		0.0504	0.0862	20	09/13/2025 03:23	WG2599784
1,1-Dichloroethene	U		0.0528	0.0862	20	09/13/2025 03:23	WG2599784
cis-1,2-Dichloroethene	U		0.0445	0.0862	20	09/13/2025 03:23	WG2599784
trans-1,2-Dichloroethene	U		0.0359	0.172	20	09/13/2025 03:23	WG2599784
1,2-Dichloropropane	U		0.0662	0.172	20	09/13/2025 03:23	WG2599784
1,1-Dichloropropene	U		0.0476	0.172	20	09/13/2025 03:23	WG2599784
1,3-Dichloropropane	U		0.0559	0.172	20	09/13/2025 03:23	WG2599784
cis-1,3-Dichloropropene	U		0.0362	0.0862	20	09/13/2025 03:23	WG2599784
trans-1,3-Dichloropropene	U		0.0362	0.172	20	09/13/2025 03:23	WG2599784
2,2-Dichloropropane	U		0.0697	0.0862	20	09/13/2025 03:23	WG2599784

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

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Di-isopropyl ether	U		0.0266	0.0345	20	09/13/2025 03:23	WG2599784
Ethylbenzene	0.126		0.0340	0.0862	20	09/13/2025 03:23	WG2599784
Hexachloro-1,3-butadiene	U		0.360	0.862	20	09/13/2025 03:23	WG2599784
Isopropylbenzene	1.05		0.0348	0.0862	20	09/13/2025 03:23	WG2599784
p-Isopropyltoluene	2.48		0.0735	0.172	20	09/13/2025 03:23	WG2599784
2-Butanone (MEK)	U		3.05	3.45	20	09/13/2025 03:23	WG2599784
Methylene Chloride	U		0.379	0.862	20	09/13/2025 03:23	WG2599784
4-Methyl-2-pentanone (MIBK)	U		0.341	0.862	20	09/13/2025 03:23	WG2599784
Methyl tert-butyl ether	U		0.0267	0.0345	20	09/13/2025 03:23	WG2599784
Naphthalene	U		0.264	0.431	20	09/13/2025 03:23	WG2599784
n-Propylbenzene	1.95		0.0583	0.172	20	09/13/2025 03:23	WG2599784
Styrene	U		0.153	0.431	20	09/13/2025 03:23	WG2599784
1,1,1,2-Tetrachloroethane	U		0.0448	0.0862	20	09/13/2025 03:23	WG2599784
1,1,2,2-Tetrachloroethane	U		0.0400	0.0862	20	09/13/2025 03:23	WG2599784
1,1,2-Trichlorotrifluoroethane	U		0.0969	0.172	20	09/13/2025 03:23	WG2599784
Tetrachloroethene	U		0.0524	0.0862	20	09/13/2025 03:23	WG2599784
Toluene	U		0.0997	0.172	20	09/13/2025 03:23	WG2599784
1,2,3-Trichlorobenzene	U		0.241	0.431	20	09/13/2025 03:23	WG2599784
1,2,4-Trichlorobenzene	U		0.186	0.431	20	09/13/2025 03:23	WG2599784
1,1,1-Trichloroethane	U		0.0500	0.0862	20	09/13/2025 03:23	WG2599784
1,1,2-Trichloroethane	U		0.0462	0.0862	20	09/13/2025 03:23	WG2599784
Trichloroethene	U		0.0307	0.0345	20	09/13/2025 03:23	WG2599784
Trichlorofluoromethane	U		0.0900	0.138	20	09/13/2025 03:23	WG2599784
1,2,3-Trichloropropane	U		0.210	0.431	20	09/13/2025 03:23	WG2599784
1,2,4-Trimethylbenzene	U		0.0821	0.172	20	09/13/2025 03:23	WG2599784
1,2,3-Trimethylbenzene	0.156	J	0.0628	0.172	20	09/13/2025 03:23	WG2599784
Vinyl chloride	U		0.0693	0.0862	20	09/13/2025 03:23	WG2599784
1,3,5-Trimethylbenzene	U		0.0786	0.172	20	09/13/2025 03:23	WG2599784
Xylenes, Total	U		0.0966	0.224	20	09/13/2025 03:23	WG2599784
(S) Toluene-d8	*88.7*			*75.0-131*		*09/13/2025 03:23*	WG2599784
(S) 4-Bromofluorobenzene	*110*			*67.0-138*		*09/13/2025 03:23*	WG2599784
(S) 1,2-Dichloroethane-d4	*107*			*70.0-130*		*09/13/2025 03:23*	WG2599784

Sample Narrative:

L1897243-14 WG2599784: Non-target compounds too high to run at a lower dilution.

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Diesel Range Organics (DRO)	427		1.77	5.32	1	09/18/2025 13:18	WG2601404
Residual Range Organics (RRO)	43.2	B	4.43	13.3	1	09/18/2025 13:18	WG2601404
(S) o-Terphenyl	*46.5*			*18.0-148*		*09/18/2025 13:18*	WG2601404

Sample Narrative:

L1897243-14 WG2601404: Sample resembles laboratory standard for Mineral Spirits & Hydraulic Oil.

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

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Anthracene	U		0.00217	0.00798	1	09/18/2025 00:46	WG2601430
Acenaphthene	0.0146		0.00216	0.00798	1	09/18/2025 00:46	WG2601430
Acenaphthylene	U		0.00212	0.00798	1	09/18/2025 00:46	WG2601430
Benzo(a)anthracene	U		0.00266	0.00798	1	09/18/2025 00:46	WG2601430
Benzo(a)pyrene	U		0.00217	0.00798	1	09/18/2025 00:46	WG2601430
Benzo(b)fluoranthene	U		0.00366	0.00798	1	09/18/2025 00:46	WG2601430

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

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Benzo(g,h,i)perylene	U		0.00257	0.00798	1	09/18/2025 00:46	WG2601430
Benzo(k)fluoranthene	U		0.00283	0.00798	1	09/18/2025 00:46	WG2601430
Chrysene	U		0.00274	0.00798	1	09/18/2025 00:46	WG2601430
Dibenz(a,h)anthracene	U		0.00267	0.00798	1	09/18/2025 00:46	WG2601430
Fluoranthene	U		0.00318	0.00798	1	09/18/2025 00:46	WG2601430
Fluorene	0.00792	J	0.00239	0.00798	1	09/18/2025 00:46	WG2601430
Indeno(1,2,3-cd)pyrene	U		0.00311	0.00798	1	09/18/2025 00:46	WG2601430
Naphthalene	1.04		0.00770	0.0266	1	09/18/2025 00:46	WG2601430
Phenanthrene	U		0.00406	0.00798	1	09/18/2025 00:46	WG2601430
Pyrene	U		0.00273	0.00798	1	09/18/2025 00:46	WG2601430
1-Methylnaphthalene	2.26		0.00291	0.0266	1	09/18/2025 00:46	WG2601430
2-Methylnaphthalene	4.68		0.00760	0.0266	1	09/18/2025 00:46	WG2601430
2-Chloronaphthalene	U		0.00172	0.0266	1	09/18/2025 00:46	WG2601430
(S) p-Terphenyl-d14	*55.9*			*23.0-120*		*09/18/2025 00:46*	WG2601430
(S) 2-Fluorobiphenyl	*56.4*			*34.0-125*		*09/18/2025 00:46*	WG2601430
(S) 2-Methylnaphthalene-d10	*74.1*			*50.0-150*		*09/18/2025 00:46*	WG2601430

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	57.4		1	09/13/2025 15:49	WG2599906

Metals (ICPMS) by Method 6020B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Cadmium	U		0.158	0.348	1	09/24/2025 12:22	WG2599571
Chromium	31.0		0.286	1.74	1	09/24/2025 12:22	WG2599571
Lead	10.1		0.249	0.697	1	09/24/2025 12:22	WG2599571

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Gasoline Range Organics-NWTPH	1610		13.6	25.2	100	09/14/2025 18:19	WG2599865
(S) a,a,a-Trifluorotoluene(FID)	*99.4*			*77.0-120*		*09/14/2025 18:19*	WG2599865

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

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acetone	U		1.41	2.02	8	09/17/2025 21:48	WG2602712
Acrylonitrile	U		0.162	0.252	8	09/13/2025 03:42	WG2599784
Benzene	U		0.0144	0.0202	8	09/13/2025 03:42	WG2599784
Bromobenzene	U		0.0787	0.252	8	09/13/2025 03:42	WG2599784
Bromodichloromethane	U		0.0236	0.0505	8	09/13/2025 03:42	WG2599784
Bromoform	U		0.200	0.505	8	09/13/2025 03:42	WG2599784
Bromomethane	U		0.204	0.252	8	09/13/2025 03:42	WG2599784
n-Butylbenzene	0.386		0.126	0.252	8	09/13/2025 03:42	WG2599784
sec-Butylbenzene	0.0873	J	0.0772	0.252	8	09/13/2025 03:42	WG2599784
tert-Butylbenzene	U	C3	0.0381	0.101	8	09/13/2025 03:42	WG2599784
Carbon tetrachloride	U		0.0608	0.101	8	09/13/2025 03:42	WG2599784
Chlorobenzene	U		0.0173	0.0505	8	09/13/2025 03:42	WG2599784
Chlorodibromomethane	U		0.0325	0.0505	8	09/13/2025 03:42	WG2599784
Chloroethane	U		0.115	0.202	8	09/13/2025 03:42	WG2599784
Chloroform	U		0.0328	0.0505	8	09/13/2025 03:42	WG2599784
Chloromethane	U	J4	0.172	0.252	8	09/13/2025 03:42	WG2599784
2-Chlorotoluene	U	C3	0.0260	0.0505	8	09/13/2025 03:42	WG2599784
4-Chlorotoluene	U	C3 J4	0.0310	0.101	8	09/13/2025 03:42	WG2599784
1,2-Dibromo-3-Chloropropane	U		0.216	0.505	8	09/13/2025 03:42	WG2599784
1,2-Dibromoethane	U		0.0255	0.0505	8	09/13/2025 03:42	WG2599784
Dibromomethane	U		0.0358	0.101	8	09/13/2025 03:42	WG2599784
1,2-Dichlorobenzene	U		0.0315	0.101	8	09/13/2025 03:42	WG2599784
1,3-Dichlorobenzene	U		0.0333	0.101	8	09/13/2025 03:42	WG2599784
1,4-Dichlorobenzene	U		0.0353	0.101	8	09/13/2025 03:42	WG2599784
Dichlorodifluoromethane	U		0.0878	0.101	8	09/13/2025 03:42	WG2599784
1,1-Dichloroethane	U		0.0204	0.0505	8	09/13/2025 03:42	WG2599784
1,2-Dichloroethane	U		0.0295	0.0505	8	09/13/2025 03:42	WG2599784
1,1-Dichloroethene	U		0.0308	0.0505	8	09/13/2025 03:42	WG2599784
cis-1,2-Dichloroethene	U		0.0260	0.0505	8	09/13/2025 03:42	WG2599784
trans-1,2-Dichloroethene	U		0.0210	0.101	8	09/13/2025 03:42	WG2599784
1,2-Dichloropropane	U		0.0389	0.101	8	09/13/2025 03:42	WG2599784
1,1-Dichloropropene	U		0.0278	0.101	8	09/13/2025 03:42	WG2599784
1,3-Dichloropropane	U		0.0328	0.101	8	09/13/2025 03:42	WG2599784
cis-1,3-Dichloropropene	U		0.0212	0.0505	8	09/13/2025 03:42	WG2599784
trans-1,3-Dichloropropene	U		0.0212	0.101	8	09/13/2025 03:42	WG2599784
2,2-Dichloropropane	U		0.0409	0.0505	8	09/13/2025 03:42	WG2599784

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

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Di-isopropyl ether	U		0.0155	0.0202	8	09/13/2025 03:42	WG2599784
Ethylbenzene	U		0.0199	0.0505	8	09/13/2025 03:42	WG2599784
Hexachloro-1,3-butadiene	U		0.210	0.505	8	09/13/2025 03:42	WG2599784
Isopropylbenzene	0.0249	J	0.0204	0.0505	8	09/13/2025 03:42	WG2599784
p-Isopropyltoluene	U		0.0429	0.101	8	09/13/2025 03:42	WG2599784
2-Butanone (MEK)	U		1.79	2.02	8	09/13/2025 03:42	WG2599784
Methylene Chloride	U		0.222	0.505	8	09/13/2025 03:42	WG2599784
4-Methyl-2-pentanone (MIBK)	U		0.200	0.505	8	09/13/2025 03:42	WG2599784
Methyl tert-butyl ether	U		0.0156	0.0202	8	09/13/2025 03:42	WG2599784
Naphthalene	U		0.154	0.252	8	09/13/2025 03:42	WG2599784
n-Propylbenzene	U		0.0341	0.101	8	09/13/2025 03:42	WG2599784
Styrene	U		0.0898	0.252	8	09/13/2025 03:42	WG2599784
1,1,1,2-Tetrachloroethane	U		0.0262	0.0505	8	09/13/2025 03:42	WG2599784
1,1,2,2-Tetrachloroethane	U		0.0234	0.0505	8	09/13/2025 03:42	WG2599784
1,1,2-Trichlorotrifluoroethane	U		0.0568	0.101	8	09/13/2025 03:42	WG2599784
Tetrachloroethene	U		0.0308	0.0505	8	09/13/2025 03:42	WG2599784
Toluene	U		0.0583	0.101	8	09/13/2025 03:42	WG2599784
1,2,3-Trichlorobenzene	U		0.141	0.252	8	09/13/2025 03:42	WG2599784
1,2,4-Trichlorobenzene	U		0.110	0.252	8	09/13/2025 03:42	WG2599784
1,1,1-Trichloroethane	U		0.0293	0.0505	8	09/13/2025 03:42	WG2599784
1,1,2-Trichloroethane	U		0.0270	0.0505	8	09/13/2025 03:42	WG2599784
Trichloroethene	U		0.0180	0.0202	8	09/13/2025 03:42	WG2599784
Trichlorofluoromethane	U		0.0527	0.0807	8	09/13/2025 03:42	WG2599784
1,2,3-Trichloropropane	U		0.124	0.252	8	09/13/2025 03:42	WG2599784
1,2,4-Trimethylbenzene	0.0575	J	0.0479	0.101	8	09/13/2025 03:42	WG2599784
1,2,3-Trimethylbenzene	U		0.0368	0.101	8	09/13/2025 03:42	WG2599784
Vinyl chloride	U		0.0406	0.0505	8	09/13/2025 03:42	WG2599784
1,3,5-Trimethylbenzene	U		0.0459	0.101	8	09/13/2025 03:42	WG2599784
Xylenes, Total	U		0.0565	0.131	8	09/13/2025 03:42	WG2599784
(S) Toluene-d8	*89.8*			*75.0-131*		*09/13/2025 03:42*	WG2599784
(S) Toluene-d8	*105*			*75.0-131*		*09/17/2025 21:48*	WG2602712
(S) 4-Bromofluorobenzene	*134*			*67.0-138*		*09/13/2025 03:42*	WG2599784
(S) 4-Bromofluorobenzene	*115*			*67.0-138*		*09/17/2025 21:48*	WG2602712
(S) 1,2-Dichloroethane-d4	*105*			*70.0-130*		*09/13/2025 03:42*	WG2599784
(S) 1,2-Dichloroethane-d4	*103*			*70.0-130*		*09/17/2025 21:48*	WG2602712

Sample Narrative:

L1897243-15 WG2599784: Non-target compounds too high to run at a lower dilution.

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Diesel Range Organics (DRO)	115		2.32	6.97	1	09/18/2025 01:18	WG2601404
Residual Range Organics (RRO)	19.9	B	5.80	17.4	1	09/18/2025 01:18	WG2601404
(S) o-Terphenyl	*58.3*			*18.0-148*		*09/18/2025 01:18*	WG2601404

Sample Narrative:

L1897243-15 WG2601404: Sample resembles laboratory standard for Mineral Spirits & Hydraulic Oil.

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

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Anthracene	U		0.00284	0.0105	1	09/18/2025 01:06	WG2601430
Acenaphthene	U		0.00282	0.0105	1	09/18/2025 01:06	WG2601430
Acenaphthylene	U		0.00277	0.0105	1	09/18/2025 01:06	WG2601430
Benzo(a)anthracene	U		0.00348	0.0105	1	09/18/2025 01:06	WG2601430
Benzo(a)pyrene	U		0.00284	0.0105	1	09/18/2025 01:06	WG2601430
Benzo(b)fluoranthene	U		0.00479	0.0105	1	09/18/2025 01:06	WG2601430
Benzo(g,h,i)perylene	U		0.00336	0.0105	1	09/18/2025 01:06	WG2601430
Benzo(k)fluoranthene	U		0.00371	0.0105	1	09/18/2025 01:06	WG2601430
Chrysene	U		0.00359	0.0105	1	09/18/2025 01:06	WG2601430
Dibenz(a,h)anthracene	U		0.00350	0.0105	1	09/18/2025 01:06	WG2601430
Fluoranthene	U		0.00416	0.0105	1	09/18/2025 01:06	WG2601430
Fluorene	U		0.00314	0.0105	1	09/18/2025 01:06	WG2601430
Indeno(1,2,3-cd)pyrene	U		0.00408	0.0105	1	09/18/2025 01:06	WG2601430
Naphthalene	0.0109	J	0.0101	0.0348	1	09/18/2025 01:06	WG2601430
Phenanthrene	U		0.00531	0.0105	1	09/18/2025 01:06	WG2601430
Pyrene	U		0.00357	0.0105	1	09/18/2025 01:06	WG2601430
1-Methylnaphthalene	0.00632	J	0.00382	0.0348	1	09/18/2025 01:06	WG2601430
2-Methylnaphthalene	U		0.00995	0.0348	1	09/18/2025 01:06	WG2601430
2-Chloronaphthalene	U		0.00225	0.0348	1	09/18/2025 01:06	WG2601430
(S) p-Terphenyl-d14	*65.8*			*23.0-120*		*09/18/2025 01:06*	WG2601430
(S) 2-Fluorobiphenyl	*70.7*			*34.0-125*		*09/18/2025 01:06*	WG2601430
(S) 2-Methylnaphthalene-d10	*65.6*			*50.0-150*		*09/18/2025 01:06*	WG2601430

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	69.5		1	09/13/2025 15:49	WG2599906

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Gasoline Range Organics-NWTPH	U		2.58	4.76	25.5	09/14/2025 16:00	WG2599865
(S) a,a,a-Trifluorotoluene(FID)	*100*			*77.0-120*		*09/14/2025 16:00*	WG2599865

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Diesel Range Organics (DRO)	U		1.91	5.75	1	09/18/2025 00:35	WG2601404
Residual Range Organics (RRO)	U		4.79	14.4	1	09/18/2025 00:35	WG2601404
(S) o-Terphenyl	*34.7*			*18.0-148*		*09/18/2025 00:35*	WG2601404

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

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	62.1		1	09/13/2025 15:49	WG2599906

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Gasoline Range Organics-NWTPH	U		3.04	5.60	25.3	09/14/2025 16:23	WG2599865
(S) a,a,a-Trifluorotoluene(FID)	*99.3*			*77.0-120*		*09/14/2025 16:23*	WG2599865

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Diesel Range Organics (DRO)	2.74	J	2.14	6.44	1	09/18/2025 00:07	WG2601404
Residual Range Organics (RRO)	U		5.36	16.1	1	09/18/2025 00:07	WG2601404
(S) o-Terphenyl	*36.4*			*18.0-148*		*09/18/2025 00:07*	WG2601404

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

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	84.6		1	09/13/2025 15:49	WG2599906

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Gasoline Range Organics-NWTPH	U		1.87	3.46	25	09/14/2025 16:46	WG2599865
(S) a,a,a-Trifluorotoluene(FID)	*99.1*			*77.0-120*		*09/14/2025 16:46*	WG2599865

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Diesel Range Organics (DRO)	3.60	J	1.57	4.73	1	09/18/2025 02:00	WG2601404
Residual Range Organics (RRO)	17.9	B	3.94	11.8	1	09/18/2025 02:00	WG2601404
(S) o-Terphenyl	*32.6*			*18.0-148*		*09/18/2025 02:00*	WG2601404

Sample Narrative:

L1897243-18 WG2601404: Sample resembles laboratory standard for Hydraulic Oil.

Method Blank (MB)

(MB) R4273225-1 09/13/25 16:00

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

L1897243-08 Original Sample (OS) • Duplicate (DUP)

(OS) L1897243-08 09/13/25 16:00 • (DUP) R4273225-3 09/13/25 16:00

Analyte	Original Result %	DUP Result %	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Total Solids	76.2	74.6	1	2.15		10

Laboratory Control Sample (LCS)

(LCS) R4273225-2 09/13/25 16:00

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

Method Blank (MB)

(MB) R4273220-1 09/13/25 15:49

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

L1897243-18 Original Sample (OS) • Duplicate (DUP)

(OS) L1897243-18 09/13/25 15:49 • (DUP) R4273220-3 09/13/25 15:49

Analyte	Original Result %	DUP Result %	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Total Solids	84.6	84.3	1	0.341		10

Laboratory Control Sample (LCS)

(LCS) R4273220-2 09/13/25 15:49

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

Method Blank (MB)

(MB) R4277874-1 09/24/25 11:35

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Cadmium	U		0.0944	0.208
Chromium	U		0.171	1.04
Lead	U		0.149	0.416

Laboratory Control Sample (LCS)

(LCS) R4277874-2 09/24/25 11:38

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Cadmium	100	110	110	80.0-120	
Chromium	100	111	111	80.0-120	
Lead	100	107	107	80.0-120	

L1897243-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1897243-02 09/24/25 11:41 • (MS) R4277874-5 09/24/25 11:51 • (MSD) R4277874-6 09/24/25 11:54

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Cadmium	135	U	145	137	108	101	1	75.0-125			5.97	20
Chromium	135	11.7	159	150	109	102	1	75.0-125			5.82	20
Lead	135	3.05	141	134	102	97.2	1	75.0-125			4.89	20

Method Blank (MB)

(MB) R4274200-2 09/14/25 11:03

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Gasoline Range Organics-NWTPH	U		1.35	2.50
(S) a,a,a-Trifluorotoluene(FID)	*96.6*			*77.0-120*

Laboratory Control Sample (LCS)

(LCS) R4274200-1 09/14/25 10:20

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Gasoline Range Organics-NWTPH	5.00	4.41	88.2	71.0-124	
(S) a,a,a-Trifluorotoluene(FID)			*107*	*77.0-120*	

L1897174-04 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1897174-04 09/14/25 12:47 • (MS) R4274200-3 09/14/25 19:26 • (MSD) R4274200-4 09/14/25 19:46

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Gasoline Range Organics-NWTPH	126	U	126	113	100	89.6	25	50.0-150			11.2	27
(S) a,a,a-Trifluorotoluene(FID)					*109*	*106*		*77.0-120*				

Method Blank (MB)

(MB) R4274494-3 09/14/25 10:21

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Gasoline Range Organics-NWTPH	U		1.35	2.50
(S) a,a,a-Trifluorotoluene(FID)	*98.5*			*77.0-120*

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

(LCS) R4274494-1 09/14/25 08:48 • (LCSD) R4274494-2 09/14/25 09:11

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Gasoline Range Organics-NWTPH	5.00	4.93	4.58	98.6	91.6	71.0-124			7.36	20
(S) a,a,a-Trifluorotoluene(FID)				*102*	*103*	*77.0-120*				

L1897246-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1897246-01 09/14/25 10:58 • (MS) R4274494-4 09/14/25 18:42 • (MSD) R4274494-5 09/14/25 19:05

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Gasoline Range Organics-NWTPH	172	U	165	180	96.0	105	25	50.0-150			8.76	27
(S) a,a,a-Trifluorotoluene(FID)					*102*	*102*		*77.0-120*				

Method Blank (MB)

(MB) R4274490-2 09/17/25 01:28

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Gasoline Range Organics-NWTPH	U		1.35	2.50
(S) a,a,a-Trifluorotoluene(FID)	*102*			*77.0-120*

Laboratory Control Sample (LCS)

(LCS) R4274490-1 09/17/25 00:27

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Gasoline Range Organics-NWTPH	5.00	5.31	106	71.0-124	
(S) a,a,a-Trifluorotoluene(FID)			*110*	*77.0-120*	

Method Blank (MB)

(MB) R4275124-2 09/17/25 13:00

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Gasoline Range Organics-NWTPH	U		1.35	2.50
(S) a,a,a-Trifluorotoluene(FID)	*96.9*			*77.0-120*

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

(LCS) R4275124-1 09/17/25 11:15 • (LCSD) R4275124-3 09/17/25 17:27

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Gasoline Range Organics-NWTPH	5.00	5.48	5.22	110	104	71.0-124			4.86	20
(S) a,a,a-Trifluorotoluene(FID)				*111*	*109*	*77.0-120*				

Method Blank (MB)

(MB) R4274090-3 09/12/25 11:24

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Acetone	U		0.0697	0.100
Acrylonitrile	U		0.00803	0.0125
Benzene	U		0.000711	0.00100
Bromobenzene	U		0.00390	0.0125
Bromodichloromethane	U		0.00117	0.00250
Bromoform	U		0.00992	0.0250
Bromomethane	U		0.0101	0.0125
n-Butylbenzene	U		0.00625	0.0125
sec-Butylbenzene	U		0.00383	0.0125
tert-Butylbenzene	U		0.00189	0.00500
Carbon tetrachloride	U		0.00301	0.00500
Chlorobenzene	U		0.000858	0.00250
Chlorodibromomethane	U		0.00161	0.00250
Chloroethane	U		0.00569	0.0100
Chloroform	U		0.00162	0.00250
Chloromethane	U		0.00850	0.0125
2-Chlorotoluene	U		0.00129	0.00250
4-Chlorotoluene	U		0.00154	0.00500
1,2-Dibromo-3-Chloropropane	U		0.0107	0.0250
1,2-Dibromoethane	U		0.00126	0.00250
Dibromomethane	U		0.00178	0.00500
1,2-Dichlorobenzene	U		0.00156	0.00500
1,3-Dichlorobenzene	U		0.00165	0.00500
1,4-Dichlorobenzene	U		0.00175	0.00500
Dichlorodifluoromethane	U		0.00435	0.00500
1,1-Dichloroethane	U		0.00101	0.00250
1,2-Dichloroethane	U		0.00146	0.00250
1,1-Dichloroethene	U		0.00153	0.00250
cis-1,2-Dichloroethene	U		0.00129	0.00250
trans-1,2-Dichloroethene	U		0.00104	0.00500
1,2-Dichloropropane	U		0.00192	0.00500
1,1-Dichloropropene	U		0.00138	0.00500
1,3-Dichloropropane	U		0.00162	0.00500
cis-1,3-Dichloropropene	U		0.00105	0.00250
trans-1,3-Dichloropropene	U		0.00105	0.00500
2,2-Dichloropropane	U		0.00202	0.00250
Di-isopropyl ether	U		0.000769	0.00100
Ethylbenzene	U		0.000987	0.00250
Hexachloro-1,3-butadiene	U		0.0104	0.0250
Isopropylbenzene	U		0.00101	0.00250

Method Blank (MB)

(MB) R4274090-3 09/12/25 11:24

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
p-Isopropyltoluene	U		0.00213	0.00500
2-Butanone (MEK)	U		0.0887	0.100
Methylene Chloride	U		0.0110	0.0250
4-Methyl-2-pentanone (MIBK)	U		0.00992	0.0250
Methyl tert-butyl ether	U		0.000773	0.00100
Naphthalene	U		0.00763	0.0125
n-Propylbenzene	U		0.00169	0.00500
Styrene	U		0.00445	0.0125
1,1,1,2-Tetrachloroethane	U		0.00130	0.00250
1,1,2,2-Tetrachloroethane	U		0.00116	0.00250
1,1,2-Trichlorotrifluoroethane	U		0.00281	0.00500
Tetrachloroethene	U		0.00152	0.00250
Toluene	U		0.00289	0.00500
1,2,3-Trichlorobenzene	U		0.00699	0.0125
1,2,4-Trichlorobenzene	U		0.00542	0.0125
1,1,1-Trichloroethane	U		0.00145	0.00250
1,1,2-Trichloroethane	U		0.00134	0.00250
Trichloroethene	U		0.000891	0.00100
Trichlorofluoromethane	U		0.00261	0.00400
1,2,3-Trichloropropane	U		0.00612	0.0125
1,2,4-Trimethylbenzene	U		0.00238	0.00500
1,2,3-Trimethylbenzene	U		0.00182	0.00500
Vinyl chloride	U		0.00201	0.00250
1,3,5-Trimethylbenzene	U		0.00228	0.00500
Xylenes, Total	U		0.00280	0.00650
(S) Toluene-d8	*93.0*			*75.0-131*
(S) 4-Bromofluorobenzene	*101*			*67.0-138*
(S) 1,2-Dichloroethane-d4	*102*			*70.0-130*

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

(LCS) R4274090-1 09/12/25 09:08 • (LCSD) R4274090-2 09/12/25 09:27

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	3.13	3.79	3.76	121	120	10.0-160			0.795	31
Acrylonitrile	3.13	3.01	3.15	96.2	101	45.0-153			4.55	22
Benzene	0.625	0.589	0.599	94.2	95.8	70.0-123			1.68	20
Bromobenzene	0.625	0.578	0.616	92.5	98.6	73.0-121			6.37	20
Bromodichloromethane	0.625	0.635	0.672	102	108	73.0-121			5.66	20

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

(LCS) R4274090-1 09/12/25 09:08 • (LCSD) R4274090-2 09/12/25 09:27

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Bromoform	0.625	0.529	0.541	84.6	86.6	64.0-132			2.24	20
Bromomethane	0.625	0.697	0.730	112	117	56.0-147			4.63	20
n-Butylbenzene	0.625	0.537	0.522	85.9	83.5	68.0-135			2.83	20
sec-Butylbenzene	0.625	0.584	0.601	93.4	96.2	74.0-130			2.87	20
tert-Butylbenzene	0.625	0.578	0.602	92.5	96.3	75.0-127			4.07	20
Carbon tetrachloride	0.625	0.661	0.690	106	110	66.0-128			4.29	20
Chlorobenzene	0.625	0.505	0.517	80.8	82.7	76.0-128			2.35	20
Chlorodibromomethane	0.625	0.540	0.569	86.4	91.0	74.0-127			5.23	20
Chloroethane	0.625	0.651	0.674	104	108	61.0-134			3.47	20
Chloroform	0.625	0.609	0.630	97.4	101	72.0-123			3.39	20
Chloromethane	0.625	0.652	0.678	104	108	51.0-138			3.91	20
2-Chlorotoluene	0.625	0.542	0.581	86.7	93.0	75.0-124			6.95	20
4-Chlorotoluene	0.625	0.575	0.613	92.0	98.1	75.0-124			6.40	20
1,2-Dibromo-3-Chloropropane	0.625	0.449	0.465	71.8	74.4	59.0-130			3.50	20
1,2-Dibromoethane	0.625	0.522	0.545	83.5	87.2	74.0-128			4.31	20
Dibromomethane	0.625	0.607	0.636	97.1	102	75.0-122			4.67	20
1,2-Dichlorobenzene	0.625	0.510	0.510	81.6	81.6	76.0-124			0.000	20
1,3-Dichlorobenzene	0.625	0.521	0.532	83.4	85.1	76.0-125			2.09	20
1,4-Dichlorobenzene	0.625	0.498	0.511	79.7	81.8	77.0-121			2.58	20
Dichlorodifluoromethane	0.625	0.690	0.731	110	117	43.0-156			5.77	20
1,1-Dichloroethane	0.625	0.620	0.632	99.2	101	70.0-127			1.92	20
1,2-Dichloroethane	0.625	0.591	0.613	94.6	98.1	65.0-131			3.65	20
1,1-Dichloroethene	0.625	0.654	0.685	105	110	65.0-131			4.63	20
cis-1,2-Dichloroethene	0.625	0.622	0.645	99.5	103	73.0-125			3.63	20
trans-1,2-Dichloroethene	0.625	0.618	0.659	98.9	105	71.0-125			6.42	20
1,2-Dichloropropane	0.625	0.587	0.615	93.9	98.4	74.0-125			4.66	20
1,1-Dichloropropene	0.625	0.612	0.671	97.9	107	73.0-125			9.20	20
1,3-Dichloropropane	0.625	0.531	0.553	85.0	88.5	80.0-125			4.06	20
cis-1,3-Dichloropropene	0.625	0.649	0.679	104	109	76.0-127			4.52	20
trans-1,3-Dichloropropene	0.625	0.549	0.570	87.8	91.2	73.0-127			3.75	20
2,2-Dichloropropane	0.625	0.671	0.701	107	112	59.0-135			4.37	20
Di-isopropyl ether	0.625	0.638	0.661	102	106	60.0-136			3.54	20
Ethylbenzene	0.625	0.534	0.537	85.4	85.9	74.0-126			0.560	20
Hexachloro-1,3-butadiene	0.625	0.457	0.396	73.1	63.4	57.0-150			14.3	20
Isopropylbenzene	0.625	0.579	0.577	92.6	92.3	72.0-127			0.346	20
p-Isopropyltoluene	0.625	0.591	0.595	94.6	95.2	72.0-133			0.675	20
2-Butanone (MEK)	3.13	3.52	3.60	112	115	30.0-160			2.25	24
Methylene Chloride	0.625	0.631	0.673	101	108	68.0-123			6.44	20
4-Methyl-2-pentanone (MIBK)	3.13	2.78	2.92	88.8	93.3	56.0-143			4.91	20
Methyl tert-butyl ether	0.625	0.656	0.697	105	112	66.0-132			6.06	20

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

(LCS) R4274090-1 09/12/25 09:08 • (LCSD) R4274090-2 09/12/25 09:27

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Naphthalene	0.625	0.394	0.362	63.0	57.9	59.0-130		J4	8.47	20
n-Propylbenzene	0.625	0.566	0.606	90.6	97.0	74.0-126			6.83	20
Styrene	0.625	0.562	0.566	89.9	90.6	72.0-127			0.709	20
1,1,1,2-Tetrachloroethane	0.625	0.534	0.565	85.4	90.4	74.0-129			5.64	20
1,1,2,2-Tetrachloroethane	0.625	0.513	0.560	82.1	89.6	68.0-128			8.76	20
1,1,2-Trichlorotrifluoroethane	0.625	0.586	0.640	93.8	102	61.0-139			8.81	20
Tetrachloroethene	0.625	0.552	0.560	88.3	89.6	70.0-136			1.44	20
Toluene	0.625	0.519	0.536	83.0	85.8	75.0-121			3.22	20
1,2,3-Trichlorobenzene	0.625	0.409	0.379	65.4	60.6	59.0-139			7.61	20
1,2,4-Trichlorobenzene	0.625	0.459	0.407	73.4	65.1	62.0-137			12.0	20
1,1,1-Trichloroethane	0.625	0.654	0.695	105	111	69.0-126			6.08	20
1,1,2-Trichloroethane	0.625	0.507	0.520	81.1	83.2	78.0-123			2.53	20
Trichloroethene	0.625	0.620	0.635	99.2	102	76.0-126			2.39	20
Trichlorofluoromethane	0.625	0.694	0.703	111	112	61.0-142			1.29	20
1,2,3-Trichloropropane	0.625	0.542	0.609	86.7	97.4	67.0-129			11.6	20
1,2,4-Trimethylbenzene	0.625	0.574	0.590	91.8	94.4	70.0-126			2.75	20
1,2,3-Trimethylbenzene	0.625	0.544	0.549	87.0	87.8	74.0-124			0.915	20
Vinyl chloride	0.625	0.698	0.722	112	116	63.0-134			3.38	20
1,3,5-Trimethylbenzene	0.625	0.588	0.609	94.1	97.4	73.0-127			3.51	20
Xylenes, Total	1.88	1.65	1.65	87.8	87.8	72.0-127			0.000	20
(S) Toluene-d8				*89.7*	*89.8*	*75.0-131*				
(S) 4-Bromofluorobenzene				*97.8*	*93.2*	*67.0-138*				
(S) 1,2-Dichloroethane-d4				*106*	*110*	*70.0-130*				

L1897243-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1897243-01 09/12/25 20:10 • (MS) R4274090-4 09/12/25 20:29 • (MSD) R4274090-5 09/12/25 20:49

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Acetone	32.4	U	38.8	39.8	120	123	8	10.0-160			2.59	40
Acrylonitrile	32.4	U	33.7	33.4	104	103	8	10.0-160			0.866	40
Benzene	6.46	U	6.77	6.64	105	103	8	10.0-149			1.95	37
Bromobenzene	6.46	U	6.55	6.32	101	97.8	8	10.0-156			3.61	38
Bromodichloromethane	6.46	U	7.19	7.23	111	112	8	10.0-143			0.604	37
Bromoform	6.46	U	5.69	5.81	88.1	89.9	8	10.0-146			2.02	36
Bromomethane	6.46	U	8.38	8.36	130	129	8	10.0-149			0.173	38
n-Butylbenzene	6.46	5.65	10.2	10.6	71.0	76.9	8	10.0-160			3.62	40
sec-Butylbenzene	6.46	1.39	6.80	6.96	83.7	86.2	8	10.0-159			2.32	39
tert-Butylbenzene	6.46	U	5.65	5.68	87.4	87.9	8	10.0-156			0.513	39

L1897243-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1897243-01 09/12/25 20:10 • (MS) R4274090-4 09/12/25 20:29 • (MSD) R4274090-5 09/12/25 20:49

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Carbon tetrachloride	6.46	U	7.93	7.73	123	120	8	10.0-145			2.60	37
Chlorobenzene	6.46	U	5.66	5.61	87.6	86.7	8	10.0-152			1.03	39
Chlorodibromomethane	6.46	U	5.95	6.03	92.1	93.3	8	10.0-146			1.21	37
Chloroethane	6.46	U	7.13	7.01	110	109	8	10.0-146			1.64	40
Chloroform	6.46	U	7.17	6.96	111	108	8	10.0-146			3.08	37
Chloromethane	6.46	U	8.34	8.35	129	129	8	10.0-159			0.174	37
2-Chlorotoluene	6.46	U	6.10	5.98	94.4	92.6	8	10.0-159			1.92	38
4-Chlorotoluene	6.46	U	6.67	6.33	103	98.0	8	10.0-155			5.14	39
1,2-Dibromo-3-Chloropropane	6.46	U	5.17	5.66	80.0	87.6	8	10.0-151			9.12	39
1,2-Dibromoethane	6.46	U	5.68	5.77	87.9	89.2	8	10.0-148			1.52	34
Dibromomethane	6.46	U	6.75	6.90	104	107	8	10.0-147			2.13	35
1,2-Dichlorobenzene	6.46	U	5.75	5.71	89.0	88.3	8	10.0-155			0.760	37
1,3-Dichlorobenzene	6.46	U	5.74	5.58	88.8	86.3	8	10.0-153			2.82	38
1,4-Dichlorobenzene	6.46	U	5.49	5.42	84.9	83.8	8	10.0-151			1.33	38
Dichlorodifluoromethane	6.46	U	9.16	9.41	142	146	8	10.0-160			2.66	35
1,1-Dichloroethane	6.46	U	7.25	7.10	112	110	8	10.0-147			2.02	37
1,2-Dichloroethane	6.46	U	6.85	6.55	106	101	8	10.0-148			4.55	35
1,1-Dichloroethene	6.46	U	7.55	7.64	117	118	8	10.0-155			1.15	37
cis-1,2-Dichloroethene	6.46	U	7.22	7.09	112	110	8	10.0-149			1.83	37
trans-1,2-Dichloroethene	6.46	U	7.48	7.30	116	113	8	10.0-150			2.36	37
1,2-Dichloropropane	6.46	U	6.97	6.78	108	105	8	10.0-148			2.75	37
1,1-Dichloropropene	6.46	U	7.30	7.19	113	111	8	10.0-153			1.60	35
1,3-Dichloropropane	6.46	U	5.82	5.84	90.1	90.3	8	10.0-154			0.249	35
cis-1,3-Dichloropropene	6.46	U	7.45	7.36	115	114	8	10.0-151			1.18	37
trans-1,3-Dichloropropene	6.46	U	6.06	6.01	93.7	93.0	8	10.0-148			0.722	37
2,2-Dichloropropane	6.46	U	7.32	7.32	113	113	8	10.0-138			0.000	36
Di-isopropyl ether	6.46	U	7.23	7.09	112	110	8	10.0-147			2.03	36
Ethylbenzene	6.46	1.40	7.25	7.35	90.4	92.0	8	10.0-160			1.39	38
Hexachloro-1,3-butadiene	6.46	U	3.57	5.27	55.3	81.6	8	10.0-160			38.4	40
Isopropylbenzene	6.46	0.890	7.07	7.16	95.7	97.0	8	10.0-155			1.22	38
p-Isopropyltoluene	6.46	0.453	5.77	5.98	82.2	85.6	8	10.0-160			3.71	40
2-Butanone (MEK)	32.4	U	40.7	40.4	126	125	8	10.0-160			0.717	40
Methylene Chloride	6.46	U	7.23	7.07	112	109	8	10.0-141			2.23	37
4-Methyl-2-pentanone (MIBK)	32.4	1.28	30.4	31.1	89.8	92.0	8	10.0-160			2.36	35
Methyl tert-butyl ether	6.46	U	7.44	7.26	115	112	8	11.0-147			2.37	35
Naphthalene	6.46	4.73	8.28	10.6	54.8	90.3	8	10.0-160			24.3	36
n-Propylbenzene	6.46	4.97	11.5	11.3	101	98.2	8	10.0-158			1.65	38
Styrene	6.46	U	6.27	6.14	97.1	95.1	8	10.0-160			2.11	40
1,1,1,2-Tetrachloroethane	6.46	U	5.97	6.07	92.4	93.9	8	10.0-149			1.69	39

L1897243-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1897243-01 09/12/25 20:10 • (MS) R4274090-4 09/12/25 20:29 • (MSD) R4274090-5 09/12/25 20:49

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
1,1,2,2-Tetrachloroethane	6.46	U	5.69	5.74	88.1	88.8	8	10.0-160			0.762	35
1,1,2-Trichlorotrifluoroethane	6.46	U	7.20	6.59	111	102	8	10.0-160			8.84	36
Tetrachloroethene	6.46	U	6.17	6.38	95.5	98.7	8	10.0-156			3.24	39
Toluene	6.46	U	5.78	5.82	89.4	90.1	8	10.0-156			0.751	38
1,2,3-Trichlorobenzene	6.46	U	4.04	5.39	62.5	83.4	8	10.0-160			28.7	40
1,2,4-Trichlorobenzene	6.46	U	4.46	5.75	69.0	89.0	8	10.0-160			25.3	40
1,1,1-Trichloroethane	6.46	U	7.81	7.61	121	118	8	10.0-144			2.64	35
1,1,2-Trichloroethane	6.46	U	5.16	5.14	79.8	79.6	8	10.0-160			0.282	35
Trichloroethene	6.46	U	7.22	7.12	112	110	8	10.0-156			1.42	38
Trichlorofluoromethane	6.46	U	8.09	8.12	125	126	8	10.0-160			0.358	40
1,2,3-Trichloropropane	6.46	U	5.77	5.61	89.2	86.7	8	10.0-156			2.81	35
1,2,4-Trimethylbenzene	6.46	0.510	6.51	6.51	92.8	92.8	8	10.0-160			0.000	36
1,2,3-Trimethylbenzene	6.46	4.94	10.4	10.6	83.8	88.1	8	10.0-160			2.63	36
Vinyl chloride	6.46	U	8.55	8.48	132	131	8	10.0-160			0.853	37
1,3,5-Trimethylbenzene	6.46	0.110	6.27	6.23	95.4	94.7	8	10.0-160			0.697	38
Xylenes, Total	19.5	0.608	19.0	19.0	94.6	94.6	8	10.0-160			0.000	38
(S) Toluene-d8					*88.3*	*89.3*		*75.0-131*				
(S) 4-Bromofluorobenzene					*94.6*	*104*		*67.0-138*				
(S) 1,2-Dichloroethane-d4					*113*	*112*		*70.0-130*				

Sample Narrative:

OS: Non-target compounds too high to run at a lower dilution.

Method Blank (MB)

(MB) R4274608-2 09/12/25 21:20

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Acetone	U		0.0697	0.100
Acrylonitrile	U		0.00803	0.0125
Benzene	U		0.000711	0.00100
Bromobenzene	U		0.00390	0.0125
Bromodichloromethane	U		0.00117	0.00250
Bromoform	U		0.00992	0.0250
Bromomethane	U		0.0101	0.0125
n-Butylbenzene	U		0.00625	0.0125
sec-Butylbenzene	U		0.00383	0.0125
tert-Butylbenzene	U		0.00189	0.00500
Carbon tetrachloride	U		0.00301	0.00500
Chlorobenzene	U		0.000858	0.00250
Chlorodibromomethane	U		0.00161	0.00250
Chloroethane	U		0.00569	0.0100
Chloroform	U		0.00162	0.00250
Chloromethane	U		0.00850	0.0125
2-Chlorotoluene	U		0.00129	0.00250
4-Chlorotoluene	U		0.00154	0.00500
1,2-Dibromo-3-Chloropropane	U		0.0107	0.0250
1,2-Dibromoethane	U		0.00126	0.00250
Dibromomethane	U		0.00178	0.00500
1,2-Dichlorobenzene	U		0.00156	0.00500
1,3-Dichlorobenzene	U		0.00165	0.00500
1,4-Dichlorobenzene	U		0.00175	0.00500
Dichlorodifluoromethane	U		0.00435	0.00500
1,1-Dichloroethane	U		0.00101	0.00250
1,2-Dichloroethane	U		0.00146	0.00250
1,1-Dichloroethene	U		0.00153	0.00250
cis-1,2-Dichloroethene	U		0.00129	0.00250
trans-1,2-Dichloroethene	U		0.00104	0.00500
1,2-Dichloropropane	U		0.00192	0.00500
1,1-Dichloropropene	U		0.00138	0.00500
1,3-Dichloropropane	U		0.00162	0.00500
cis-1,3-Dichloropropene	U		0.00105	0.00250
trans-1,3-Dichloropropene	U		0.00105	0.00500
2,2-Dichloropropane	U		0.00202	0.00250
Di-isopropyl ether	U		0.000769	0.00100
Ethylbenzene	U		0.000987	0.00250
Hexachloro-1,3-butadiene	U		0.0104	0.0250
Isopropylbenzene	U		0.00101	0.00250

Method Blank (MB)

(MB) R4274608-2 09/12/25 21:20

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
p-Isopropyltoluene	U		0.00213	0.00500
2-Butanone (MEK)	U		0.0887	0.100
Methylene Chloride	U		0.0110	0.0250
4-Methyl-2-pentanone (MIBK)	U		0.00992	0.0250
Methyl tert-butyl ether	U		0.000773	0.00100
Naphthalene	U		0.00763	0.0125
n-Propylbenzene	U		0.00169	0.00500
Styrene	U		0.00445	0.0125
1,1,1,2-Tetrachloroethane	U		0.00130	0.00250
1,1,2,2-Tetrachloroethane	U		0.00116	0.00250
1,1,2-Trichlorotrifluoroethane	U		0.00281	0.00500
Tetrachloroethene	U		0.00152	0.00250
Toluene	U		0.00289	0.00500
1,2,3-Trichlorobenzene	U		0.00699	0.0125
1,2,4-Trichlorobenzene	U		0.00542	0.0125
1,1,1-Trichloroethane	U		0.00145	0.00250
1,1,2-Trichloroethane	U		0.00134	0.00250
Trichloroethene	U		0.000891	0.00100
Trichlorofluoromethane	U		0.00261	0.00400
1,2,3-Trichloropropane	U		0.00612	0.0125
1,2,4-Trimethylbenzene	U		0.00238	0.00500
1,2,3-Trimethylbenzene	U		0.00182	0.00500
Vinyl chloride	U		0.00201	0.00250
1,3,5-Trimethylbenzene	U		0.00228	0.00500
Xylenes, Total	U		0.00280	0.00650
(S) Toluene-d8	*95.6*			*75.0-131*
(S) 4-Bromofluorobenzene	*97.6*			*67.0-138*
(S) 1,2-Dichloroethane-d4	*103*			*70.0-130*

Laboratory Control Sample (LCS)

(LCS) R4274608-1 09/12/25 20:05

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Acetone	3.13	7.30	233	10.0-160	J4
Acrylonitrile	3.13	4.63	148	45.0-153	
Benzene	0.625	0.602	96.3	70.0-123	
Bromobenzene	0.625	0.522	83.5	73.0-121	
Bromodichloromethane	0.625	0.615	98.4	73.0-121	

Laboratory Control Sample (LCS)

(LCS) R4274608-1 09/12/25 20:05

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Bromoform	0.625	0.547	87.5	64.0-132	
Bromomethane	0.625	0.535	85.6	56.0-147	
n-Butylbenzene	0.625	0.543	86.9	68.0-135	
sec-Butylbenzene	0.625	0.515	82.4	74.0-130	
tert-Butylbenzene	0.625	0.483	77.3	75.0-127	
Carbon tetrachloride	0.625	0.621	99.4	66.0-128	
Chlorobenzene	0.625	0.520	83.2	76.0-128	
Chlorodibromomethane	0.625	0.519	83.0	74.0-127	
Chloroethane	0.625	0.743	119	61.0-134	
Chloroform	0.625	0.605	96.8	72.0-123	
Chloromethane	0.625	1.23	197	51.0-138	J4
2-Chlorotoluene	0.625	0.495	79.2	75.0-124	
4-Chlorotoluene	0.625	0.467	74.7	75.0-124	J4
1,2-Dibromo-3-Chloropropane	0.625	0.577	92.3	59.0-130	
1,2-Dibromoethane	0.625	0.520	83.2	74.0-128	
Dibromomethane	0.625	0.615	98.4	75.0-122	
1,2-Dichlorobenzene	0.625	0.529	84.6	76.0-124	
1,3-Dichlorobenzene	0.625	0.521	83.4	76.0-125	
1,4-Dichlorobenzene	0.625	0.507	81.1	77.0-121	
Dichlorodifluoromethane	0.625	0.650	104	43.0-156	
1,1-Dichloroethane	0.625	0.699	112	70.0-127	
1,2-Dichloroethane	0.625	0.660	106	65.0-131	
1,1-Dichloroethene	0.625	0.695	111	65.0-131	
cis-1,2-Dichloroethene	0.625	0.603	96.5	73.0-125	
trans-1,2-Dichloroethene	0.625	0.565	90.4	71.0-125	
1,2-Dichloropropane	0.625	0.726	116	74.0-125	
1,1-Dichloropropene	0.625	0.630	101	73.0-125	
1,3-Dichloropropane	0.625	0.527	84.3	80.0-125	
cis-1,3-Dichloropropene	0.625	0.632	101	76.0-127	
trans-1,3-Dichloropropene	0.625	0.523	83.7	73.0-127	
2,2-Dichloropropane	0.625	0.705	113	59.0-135	
Di-isopropyl ether	0.625	0.827	132	60.0-136	
Ethylbenzene	0.625	0.535	85.6	74.0-126	
Hexachloro-1,3-butadiene	0.625	0.545	87.2	57.0-150	
Isopropylbenzene	0.625	0.534	85.4	72.0-127	
p-Isopropyltoluene	0.625	0.538	86.1	72.0-133	
2-Butanone (MEK)	3.13	4.42	141	30.0-160	
Methylene Chloride	0.625	0.607	97.1	68.0-123	
4-Methyl-2-pentanone (MIBK)	3.13	3.88	124	56.0-143	
Methyl tert-butyl ether	0.625	0.683	109	66.0-132	

Laboratory Control Sample (LCS)

(LCS) R4274608-1 09/12/25 20:05

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Naphthalene	0.625	0.533	85.3	59.0-130	
n-Propylbenzene	0.625	0.507	81.1	74.0-126	
Styrene	0.625	0.547	87.5	72.0-127	
1,1,1,2-Tetrachloroethane	0.625	0.501	80.2	74.0-129	
1,1,2,2-Tetrachloroethane	0.625	0.546	87.4	68.0-128	
1,1,2-Trichlorotrifluoroethane	0.625	0.624	99.8	61.0-139	
Tetrachloroethene	0.625	0.549	87.8	70.0-136	
Toluene	0.625	0.500	80.0	75.0-121	
1,2,3-Trichlorobenzene	0.625	0.559	89.4	59.0-139	
1,2,4-Trichlorobenzene	0.625	0.578	92.5	62.0-137	
1,1,1-Trichloroethane	0.625	0.642	103	69.0-126	
1,1,2-Trichloroethane	0.625	0.533	85.3	78.0-123	
Trichloroethene	0.625	0.615	98.4	76.0-126	
Trichlorofluoromethane	0.625	0.661	106	61.0-142	E
1,2,3-Trichloropropane	0.625	0.535	85.6	67.0-129	
1,2,4-Trimethylbenzene	0.625	0.517	82.7	70.0-126	
1,2,3-Trimethylbenzene	0.625	0.517	82.7	74.0-124	
Vinyl chloride	0.625	0.587	93.9	63.0-134	
1,3,5-Trimethylbenzene	0.625	0.505	80.8	73.0-127	
Xylenes, Total	1.88	1.56	83.0	72.0-127	
(S) Toluene-d8			*87.1*	*75.0-131*	
(S) 4-Bromofluorobenzene			*97.9*	*67.0-138*	
(S) 1,2-Dichloroethane-d4			*112*	*70.0-130*	

L1897243-10 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1897243-10 09/13/25 02:46 • (MS) R4274608-3 09/13/25 04:01 • (MSD) R4274608-4 09/13/25 04:20

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Acetone	8.15	1.09	32.4	27.9	384	329	8	10.0-160	J5	J5	15.1	40
Acrylonitrile	8.15	U	12.5	13.0	154	160	8	10.0-160			3.84	40
Benzene	1.63	U	1.77	1.51	109	92.5	8	10.0-149			16.0	37
Bromobenzene	1.63	U	1.57	1.51	96.0	92.7	8	10.0-156			3.53	38
Bromodichloromethane	1.63	U	1.71	1.65	105	101	8	10.0-143			3.34	37
Bromoform	1.63	U	1.55	1.58	94.8	97.1	8	10.0-146			2.35	36
Bromomethane	1.63	U	1.56	1.31	95.6	80.1	8	10.0-149			17.6	38
n-Butylbenzene	1.63	2.31	3.79	3.28	90.3	59.1	8	10.0-160			14.4	40
sec-Butylbenzene	1.63	1.28	2.84	2.37	95.5	66.5	8	10.0-159			18.2	39
tert-Butylbenzene	1.63	0.0584	1.55	1.24	91.7	72.2	8	10.0-156			22.8	39

L1897243-10 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1897243-10 09/13/25 02:46 • (MS) R4274608-3 09/13/25 04:01 • (MSD) R4274608-4 09/13/25 04:20

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Carbon tetrachloride	1.63	U	1.89	1.35	116	83.0	8	10.0-145			33.3	37
Chlorobenzene	1.63	U	1.60	1.49	98.3	91.5	8	10.0-152			7.14	39
Chlorodibromomethane	1.63	U	1.53	1.57	93.9	96.6	8	10.0-146			2.82	37
Chloroethane	1.63	U	2.00	1.51	123	92.5	8	10.0-146			28.0	40
Chloroform	1.63	U	1.82	1.59	112	97.5	8	10.0-146			13.7	37
Chloromethane	1.63	U	3.16	2.40	194	147	8	10.0-159	J5		27.1	37
2-Chlorotoluene	1.63	U	1.59	1.26	97.7	77.5	8	10.0-159			23.1	38
4-Chlorotoluene	1.63	U	1.46	1.34	89.8	82.5	8	10.0-155			8.49	39
1,2-Dibromo-3-Chloropropane	1.63	U	1.73	1.75	106	108	8	10.0-151			1.51	39
1,2-Dibromoethane	1.63	U	1.62	1.72	99.2	105	8	10.0-148			5.89	34
Dibromomethane	1.63	U	1.89	1.84	116	113	8	10.0-147			2.82	35
1,2-Dichlorobenzene	1.63	U	1.62	1.52	99.1	93.1	8	10.0-155			6.26	37
1,3-Dichlorobenzene	1.63	U	1.50	1.39	92.3	85.5	8	10.0-153			7.62	38
1,4-Dichlorobenzene	1.63	U	1.47	1.37	90.2	84.2	8	10.0-151			6.91	38
Dichlorodifluoromethane	1.63	U	1.91	1.27	117	77.8	8	10.0-160		J3	40.4	35
1,1-Dichloroethane	1.63	U	2.05	1.75	126	107	8	10.0-147			15.9	37
1,2-Dichloroethane	1.63	U	1.98	1.93	122	118	8	10.0-148			2.69	35
1,1-Dichloroethene	1.63	U	2.10	1.56	129	95.5	8	10.0-155			29.9	37
cis-1,2-Dichloroethene	1.63	U	1.77	1.58	109	97.0	8	10.0-149			11.3	37
trans-1,2-Dichloroethene	1.63	U	1.69	1.35	104	82.9	8	10.0-150			22.2	37
1,2-Dichloropropane	1.63	U	2.16	1.98	132	122	8	10.0-148			8.47	37
1,1-Dichloropropene	1.63	U	1.82	1.32	112	80.9	8	10.0-153			32.1	35
1,3-Dichloropropane	1.63	U	1.60	1.65	98.0	102	8	10.0-154			3.56	35
cis-1,3-Dichloropropene	1.63	U	1.82	1.74	112	106	8	10.0-151			4.93	37
trans-1,3-Dichloropropene	1.63	U	1.46	1.54	89.7	94.6	8	10.0-148			5.37	37
2,2-Dichloropropane	1.63	U	2.38	1.82	146	112	8	10.0-138	J5		26.7	36
Di-isopropyl ether	1.63	U	2.37	2.23	145	137	8	10.0-147			6.11	36
Ethylbenzene	1.63	U	1.62	1.37	99.7	84.0	8	10.0-160			17.1	38
Hexachloro-1,3-butadiene	1.63	U	2.37	2.21	145	135	8	10.0-160			6.90	40
Isopropylbenzene	1.63	0.254	1.89	1.55	101	79.6	8	10.0-155			19.8	38
p-Isopropyltoluene	1.63	U	1.62	1.33	99.1	81.8	8	10.0-160			19.1	40
2-Butanone (MEK)	8.15	U	15.7	14.3	192	175	8	10.0-160	J5	J5	9.12	40
Methylene Chloride	1.63	U	1.82	1.71	112	105	8	10.0-141			6.14	37
4-Methyl-2-pentanone (MIBK)	8.15	U	15.5	16.1	190	198	8	10.0-160	J5	J5	4.33	35
Methyl tert-butyl ether	1.63	U	2.05	2.03	126	125	8	11.0-147			0.858	35
Naphthalene	1.63	U	2.00	2.49	123	153	8	10.0-160			21.9	36
n-Propylbenzene	1.63	0.957	2.42	2.09	89.7	69.2	8	10.0-158			14.8	38
Styrene	1.63	U	1.60	1.51	98.3	92.4	8	10.0-160			6.20	40
1,1,1,2-Tetrachloroethane	1.63	U	1.51	1.48	92.7	90.8	8	10.0-149			2.11	39

L1897243-10 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1897243-10 09/13/25 02:46 • (MS) R4274608-3 09/13/25 04:01 • (MSD) R4274608-4 09/13/25 04:20

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
1,1,2,2-Tetrachloroethane	1.63	U	4.29	4.14	263	254	8	10.0-160	J5	J5	3.74	35
1,1,2-Trichlorotrifluoroethane	1.63	U	2.05	1.33	126	81.8	8	10.0-160		J3	42.4	36
Tetrachloroethene	1.63	U	1.64	1.27	101	77.8	8	10.0-156			25.6	39
Toluene	1.63	U	1.53	1.35	94.1	82.9	8	10.0-156			12.6	38
1,2,3-Trichlorobenzene	1.63	U	1.41	2.19	86.5	134	8	10.0-160		J3	43.4	40
1,2,4-Trichlorobenzene	1.63	U	1.65	1.40	101	85.8	8	10.0-160			16.6	40
1,1,1-Trichloroethane	1.63	U	1.96	1.45	120	89.2	8	10.0-144			29.7	35
1,1,2-Trichloroethane	1.63	U	2.42	2.21	148	135	8	10.0-160			9.09	35
Trichloroethene	1.63	U	1.82	1.45	112	88.7	8	10.0-156			23.1	38
Trichlorofluoromethane	1.63	U	1.88	1.28	115	78.7	8	10.0-160			37.5	40
1,2,3-Trichloropropane	1.63	U	1.79	1.86	110	114	8	10.0-156			3.85	35
1,2,4-Trimethylbenzene	1.63	0.0338	1.55	1.34	93.2	79.9	8	10.0-160			15.0	36
1,2,3-Trimethylbenzene	1.63	U	1.49	1.35	91.2	82.7	8	10.0-160			9.77	36
Vinyl chloride	1.63	U	1.63	1.19	100	72.8	8	10.0-160			31.5	37
1,3,5-Trimethylbenzene	1.63	U	1.48	1.22	91.0	74.7	8	10.0-160			19.6	38
Xylenes, Total	4.89	U	4.80	4.19	98.2	85.7	8	10.0-160			13.6	38
(S) Toluene-d8					*90.2*	*94.5*		*75.0-131*				
(S) 4-Bromofluorobenzene					*139*	*140*		*67.0-138*	J1	J1		
(S) 1,2-Dichloroethane-d4					*105*	*105*		*70.0-130*				

Sample Narrative:

OS: Non-target compounds too high to run at a lower dilution.

Method Blank (MB)

(MB) R4275062-2 09/17/25 20:17

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Acetone	U		0.0697	0.100
Acrylonitrile	U		0.00803	0.0125
Benzene	U		0.000711	0.00100
Bromobenzene	U		0.00390	0.0125
Bromodichloromethane	U		0.00117	0.00250
Bromoform	U		0.00992	0.0250
Bromomethane	U		0.0101	0.0125
n-Butylbenzene	U		0.00625	0.0125
sec-Butylbenzene	U		0.00383	0.0125
tert-Butylbenzene	U		0.00189	0.00500
Carbon tetrachloride	U		0.00301	0.00500
Chlorobenzene	U		0.000858	0.00250
Chlorodibromomethane	U		0.00161	0.00250
Chloroethane	U		0.00569	0.0100
Chloroform	U		0.00162	0.00250
Chloromethane	U		0.00850	0.0125
2-Chlorotoluene	U		0.00129	0.00250
4-Chlorotoluene	U		0.00154	0.00500
1,2-Dibromo-3-Chloropropane	U		0.0107	0.0250
1,2-Dibromoethane	U		0.00126	0.00250
Dibromomethane	U		0.00178	0.00500
1,2-Dichlorobenzene	U		0.00156	0.00500
1,3-Dichlorobenzene	U		0.00165	0.00500
1,4-Dichlorobenzene	U		0.00175	0.00500
Dichlorodifluoromethane	U		0.00435	0.00500
1,1-Dichloroethane	U		0.00101	0.00250
1,2-Dichloroethane	U		0.00146	0.00250
1,1-Dichloroethene	U		0.00153	0.00250
cis-1,2-Dichloroethene	U		0.00129	0.00250
trans-1,2-Dichloroethene	U		0.00104	0.00500
1,2-Dichloropropane	U		0.00192	0.00500
1,1-Dichloropropene	U		0.00138	0.00500
1,3-Dichloropropane	U		0.00162	0.00500
cis-1,3-Dichloropropene	U		0.00105	0.00250
trans-1,3-Dichloropropene	U		0.00105	0.00500
2,2-Dichloropropane	U		0.00202	0.00250
Di-isopropyl ether	U		0.000769	0.00100
Ethylbenzene	U		0.000987	0.00250
Hexachloro-1,3-butadiene	U		0.0104	0.0250
Isopropylbenzene	U		0.00101	0.00250

Method Blank (MB)

(MB) R4275062-2 09/17/25 20:17

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
p-Isopropyltoluene	U		0.00213	0.00500
2-Butanone (MEK)	U		0.0887	0.100
Methylene Chloride	U		0.0110	0.0250
4-Methyl-2-pentanone (MIBK)	U		0.00992	0.0250
Methyl tert-butyl ether	U		0.000773	0.00100
Naphthalene	U		0.00763	0.0125
n-Propylbenzene	U		0.00169	0.00500
Styrene	U		0.00445	0.0125
1,1,1,2-Tetrachloroethane	U		0.00130	0.00250
1,1,2,2-Tetrachloroethane	U		0.00116	0.00250
1,1,2-Trichlorotrifluoroethane	U		0.00281	0.00500
Tetrachloroethene	U		0.00152	0.00250
Toluene	U		0.00289	0.00500
1,2,3-Trichlorobenzene	U		0.00699	0.0125
1,2,4-Trichlorobenzene	U		0.00542	0.0125
1,1,1-Trichloroethane	U		0.00145	0.00250
1,1,2-Trichloroethane	U		0.00134	0.00250
Trichloroethene	U		0.000891	0.00100
Trichlorofluoromethane	U		0.00261	0.00400
1,2,3-Trichloropropane	U		0.00612	0.0125
1,2,4-Trimethylbenzene	U		0.00238	0.00500
1,2,3-Trimethylbenzene	U		0.00182	0.00500
Vinyl chloride	U		0.00201	0.00250
1,3,5-Trimethylbenzene	U		0.00228	0.00500
Xylenes, Total	U		0.00280	0.00650
(S) Toluene-d8	*106*			*75.0-131*
(S) 4-Bromofluorobenzene	*92.1*			*67.0-138*
(S) 1,2-Dichloroethane-d4	*98.3*			*70.0-130*

Laboratory Control Sample (LCS)

(LCS) R4275062-1 09/17/25 19:01

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Acetone	3.13	2.69	85.9	10.0-160	
Acrylonitrile	3.13	2.48	79.2	45.0-153	
Benzene	0.625	0.565	90.4	70.0-123	
Bromobenzene	0.625	0.628	100	73.0-121	
Bromodichloromethane	0.625	0.611	97.8	73.0-121	

Laboratory Control Sample (LCS)

(LCS) R4275062-1 09/17/25 19:01

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Bromoform	0.625	0.538	86.1	64.0-132	
Bromomethane	0.625	0.404	64.6	56.0-147	
n-Butylbenzene	0.625	0.552	88.3	68.0-135	
sec-Butylbenzene	0.625	0.580	92.8	74.0-130	
tert-Butylbenzene	0.625	0.598	95.7	75.0-127	
Carbon tetrachloride	0.625	0.618	98.9	66.0-128	
Chlorobenzene	0.625	0.570	91.2	76.0-128	
Chlorodibromomethane	0.625	0.638	102	74.0-127	
Chloroethane	0.625	0.626	100	61.0-134	
Chloroform	0.625	0.570	91.2	72.0-123	
Chloromethane	0.625	0.542	86.7	51.0-138	
2-Chlorotoluene	0.625	0.591	94.6	75.0-124	
4-Chlorotoluene	0.625	0.612	97.9	75.0-124	
1,2-Dibromo-3-Chloropropane	0.625	0.610	97.6	59.0-130	
1,2-Dibromoethane	0.625	0.598	95.7	74.0-128	
Dibromomethane	0.625	0.572	91.5	75.0-122	
1,2-Dichlorobenzene	0.625	0.585	93.6	76.0-124	
1,3-Dichlorobenzene	0.625	0.587	93.9	76.0-125	
1,4-Dichlorobenzene	0.625	0.561	89.8	77.0-121	
Dichlorodifluoromethane	0.625	0.556	89.0	43.0-156	
1,1-Dichloroethane	0.625	0.590	94.4	70.0-127	
1,2-Dichloroethane	0.625	0.672	108	65.0-131	
1,1-Dichloroethene	0.625	0.624	99.8	65.0-131	
cis-1,2-Dichloroethene	0.625	0.553	88.5	73.0-125	
trans-1,2-Dichloroethene	0.625	0.538	86.1	71.0-125	
1,2-Dichloropropane	0.625	0.614	98.2	74.0-125	
1,1-Dichloropropene	0.625	0.582	93.1	73.0-125	
1,3-Dichloropropane	0.625	0.609	97.4	80.0-125	
cis-1,3-Dichloropropene	0.625	0.593	94.9	76.0-127	
trans-1,3-Dichloropropene	0.625	0.624	99.8	73.0-127	
2,2-Dichloropropane	0.625	0.561	89.8	59.0-135	
Di-isopropyl ether	0.625	0.568	90.9	60.0-136	
Ethylbenzene	0.625	0.568	90.9	74.0-126	
Hexachloro-1,3-butadiene	0.625	0.529	84.6	57.0-150	
Isopropylbenzene	0.625	0.563	90.1	72.0-127	
p-Isopropyltoluene	0.625	0.577	92.3	72.0-133	
2-Butanone (MEK)	3.13	3.55	113	30.0-160	
Methylene Chloride	0.625	0.503	80.5	68.0-123	
4-Methyl-2-pentanone (MIBK)	3.13	3.23	103	56.0-143	
Methyl tert-butyl ether	0.625	0.524	83.8	66.0-132	

Laboratory Control Sample (LCS)

(LCS) R4275062-1 09/17/25 19:01

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Naphthalene	0.625	0.544	87.0	59.0-130	
n-Propylbenzene	0.625	0.596	95.4	74.0-126	
Styrene	0.625	0.576	92.2	72.0-127	
1,1,1,2-Tetrachloroethane	0.625	0.571	91.4	74.0-129	
1,1,2,2-Tetrachloroethane	0.625	0.572	91.5	68.0-128	
1,1,2-Trichlorotrifluoroethane	0.625	0.576	92.2	61.0-139	
Tetrachloroethene	0.625	0.633	101	70.0-136	
Toluene	0.625	0.550	88.0	75.0-121	
1,2,3-Trichlorobenzene	0.625	0.603	96.5	59.0-139	
1,2,4-Trichlorobenzene	0.625	0.590	94.4	62.0-137	
1,1,1-Trichloroethane	0.625	0.598	95.7	69.0-126	
1,1,2-Trichloroethane	0.625	0.580	92.8	78.0-123	
Trichloroethene	0.625	0.660	106	76.0-126	
Trichlorofluoromethane	0.625	0.573	91.7	61.0-142	
1,2,3-Trichloropropane	0.625	0.611	97.8	67.0-129	
1,2,4-Trimethylbenzene	0.625	0.586	93.8	70.0-126	
1,2,3-Trimethylbenzene	0.625	0.575	92.0	74.0-124	
Vinyl chloride	0.625	0.498	79.7	63.0-134	
1,3,5-Trimethylbenzene	0.625	0.569	91.0	73.0-127	
Xylenes, Total	1.88	1.66	88.3	72.0-127	
(S) Toluene-d8			*98.5*	*75.0-131*	
(S) 4-Bromofluorobenzene			*93.0*	*67.0-138*	
(S) 1,2-Dichloroethane-d4			*110*	*70.0-130*	

Method Blank (MB)

(MB) R4275244-1 09/17/25 10:26

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Diesel Range Organics (DRO)	U		1.33	4.00
Residual Range Organics (RRO)	U		3.33	10.0
(S) o-Terphenyl	*79.0*			*18.0-148*

Laboratory Control Sample (LCS)

(LCS) R4275244-2 09/17/25 10:39

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Diesel Range Organics (DRO)	50.0	43.2	86.4	50.0-150	
(S) o-Terphenyl			*78.5*	*18.0-148*	

L1897216-18 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1897216-18 09/17/25 11:32 • (MS) R4275244-3 09/17/25 11:45 • (MSD) R4275244-4 09/17/25 11:58

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Diesel Range Organics (DRO)	54.3	3.55	40.3	46.4	67.7	78.2	1	50.0-150			13.9	20
(S) o-Terphenyl					*65.6*	*76.5*		*18.0-148*				

Method Blank (MB)

(MB) R4275193-1 09/17/25 15:30

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Diesel Range Organics (DRO)	U		1.33	4.00
Residual Range Organics (RRO)	U		3.33	10.0
(S) o-Terphenyl	*72.4*			*18.0-148*

Laboratory Control Sample (LCS)

(LCS) R4275193-2 09/17/25 15:45

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Diesel Range Organics (DRO)	50.0	39.2	78.4	50.0-150	
(S) o-Terphenyl			*85.9*	*18.0-148*	

L1897174-08 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1897174-08 09/17/25 18:10 • (MS) R4275193-3 09/17/25 18:24 • (MSD) R4275193-4 09/17/25 18:39

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Diesel Range Organics (DRO)	54.0	5.00	43.7	42.6	71.6	69.4	1	50.0-150			2.58	20
(S) o-Terphenyl					*86.8*	*78.1*		*18.0-148*				

Sample Narrative:

OS: Sample resembles laboratory standard for Kerosene.

Method Blank (MB)

(MB) R4275195-1 09/17/25 17:43

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Diesel Range Organics (DRO)	U		1.33	4.00
Residual Range Organics (RRO)	3.52	J	3.33	10.0
(S) o-Terphenyl	*51.2*			*18.0-148*

Laboratory Control Sample (LCS)

(LCS) R4275195-2 09/17/25 17:57

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Diesel Range Organics (DRO)	50.0	41.9	83.8	50.0-150	
(S) o-Terphenyl			*48.8*	*18.0-148*	

L1897243-09 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1897243-09 09/17/25 22:14 • (MS) R4275195-3 09/17/25 22:28 • (MSD) R4275195-4 09/17/25 22:42

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Diesel Range Organics (DRO)	100	37.0	96.6	94.7	59.5	58.2	1	50.0-150			1.90	20
(S) o-Terphenyl					*38.6*	*40.1*		*18.0-148*				

Sample Narrative:

OS: Sample resembles laboratory standard for Diesel.

Method Blank (MB)

(MB) R4275168-2 09/17/25 18:47

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Anthracene	U		0.00163	0.00600
Acenaphthene	U		0.00162	0.00600
Acenaphthylene	U		0.00159	0.00600
Benzo(a)anthracene	U		0.00200	0.00600
Benzo(a)pyrene	U		0.00163	0.00600
Benzo(b)fluoranthene	U		0.00275	0.00600
Benzo(g,h,i)perylene	U		0.00193	0.00600
Benzo(k)fluoranthene	U		0.00213	0.00600
Chrysene	U		0.00206	0.00600
Dibenz(a,h)anthracene	U		0.00201	0.00600
Fluoranthene	U		0.00239	0.00600
Fluorene	U		0.00180	0.00600
Indeno(1,2,3-cd)pyrene	U		0.00234	0.00600
Naphthalene	U		0.00579	0.0200
Phenanthrene	U		0.00305	0.00600
Pyrene	U		0.00205	0.00600
1-Methylnaphthalene	U		0.00219	0.0200
2-Methylnaphthalene	U		0.00571	0.0200
2-Chloronaphthalene	U		0.00129	0.0200
(S) p-Terphenyl-d14	*61.0*			*23.0-120*
(S) 2-Fluorobiphenyl	*61.8*			*34.0-125*
(S) 2-Methylnaphthalene-d10	*63.7*			*50.0-150*

Laboratory Control Sample (LCS)

(LCS) R4275168-1 09/17/25 18:27

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Anthracene	0.0800	0.0770	96.3	50.0-126	
Acenaphthene	0.0800	0.0697	87.1	50.0-120	
Acenaphthylene	0.0800	0.0808	101	50.0-120	
Benzo(a)anthracene	0.0800	0.0790	98.8	45.0-120	
Benzo(a)pyrene	0.0800	0.0669	83.6	42.0-120	
Benzo(b)fluoranthene	0.0800	0.0807	101	42.0-121	
Benzo(g,h,i)perylene	0.0800	0.0801	100	45.0-125	
Benzo(k)fluoranthene	0.0800	0.0790	98.8	49.0-125	
Chrysene	0.0800	0.0833	104	49.0-122	
Dibenz(a,h)anthracene	0.0800	0.0848	106	47.0-125	
Fluoranthene	0.0800	0.0778	97.3	49.0-129	

Laboratory Control Sample (LCS)

(LCS) R4275168-1 09/17/25 18:27

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Fluorene	0.0800	0.0831	104	49.0-120	
Indeno(1,2,3-cd)pyrene	0.0800	0.0794	99.3	46.0-125	
Naphthalene	0.0800	0.0717	89.6	50.0-120	
Phenanthrene	0.0800	0.0805	101	47.0-120	
Pyrene	0.0800	0.0783	97.9	43.0-123	
1-Methylnaphthalene	0.0800	0.0781	97.6	51.0-121	
2-Methylnaphthalene	0.0800	0.0743	92.9	50.0-120	
2-Chloronaphthalene	0.0800	0.0713	89.1	50.0-120	
(S) p-Terphenyl-d14			*74.8*	*23.0-120*	
(S) 2-Fluorobiphenyl			*79.3*	*34.0-125*	
(S) 2-Methylnaphthalene-d10			*76.7*	*50.0-150*	

L1897242-03 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1897242-03 09/17/25 19:07 • (MS) R4275168-3 09/17/25 19:27 • (MSD) R4275168-4 09/17/25 19:46

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Anthracene	0.379	U	0.337	0.317	88.8	83.9	1	10.0-145			6.25	30
Acenaphthene	0.379	U	0.309	0.294	81.5	78.0	1	14.0-127			5.00	27
Acenaphthylene	0.379	U	0.351	0.337	92.6	89.2	1	21.0-124			4.24	25
Benzo(a)anthracene	0.379	U	0.337	0.319	88.7	84.7	1	10.0-139			5.19	30
Benzo(a)pyrene	0.379	U	0.330	0.317	86.9	83.9	1	10.0-141			4.06	31
Benzo(b)fluoranthene	0.379	U	0.345	0.332	91.0	87.9	1	10.0-140			4.02	36
Benzo(g,h,i)perylene	0.379	U	0.345	0.338	90.9	89.6	1	10.0-140			1.99	33
Benzo(k)fluoranthene	0.379	U	0.336	0.325	88.6	86.2	1	10.0-137			3.24	31
Chrysene	0.379	U	0.352	0.341	92.7	90.5	1	10.0-145			2.95	30
Dibenz(a,h)anthracene	0.379	U	0.354	0.343	93.3	90.9	1	10.0-132			3.21	31
Fluoranthene	0.379	U	0.334	0.314	88.1	83.2	1	10.0-153			6.15	33
Fluorene	0.379	U	0.358	0.344	94.5	91.2	1	11.0-130			4.01	29
Indeno(1,2,3-cd)pyrene	0.379	U	0.337	0.322	89.0	85.4	1	10.0-137			4.57	32
Naphthalene	0.379	U	0.323	0.301	85.3	79.6	1	10.0-135			7.33	27
Phenanthrene	0.379	U	0.344	0.326	90.6	86.5	1	10.0-144			5.22	31
Pyrene	0.379	U	0.337	0.325	88.8	86.1	1	10.0-148			3.67	35
1-Methylnaphthalene	0.379	U	0.355	0.327	93.7	86.7	1	10.0-142			8.26	28
2-Methylnaphthalene	0.379	U	0.347	0.310	91.4	82.1	1	10.0-137			11.3	28
2-Chloronaphthalene	0.379	U	0.317	0.299	83.5	79.1	1	29.0-120			5.85	24
(S) p-Terphenyl-d14					*70.5*	*68.0*		*23.0-120*				
(S) 2-Fluorobiphenyl					*71.8*	*69.1*		*34.0-125*				
(S) 2-Methylnaphthalene-d10					*68.1*	*67.5*		*50.0-150*				

L1897244-07 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1897244-07 09/17/25 20:06 • (MS) R4275168-5 09/17/25 20:27 • (MSD) R4275168-6 09/17/25 20:47

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Anthracene	0.0848	U	0.0768	0.0744	90.5	87.3	1	10.0-145			3.12	30
Acenaphthene	0.0848	U	0.0681	0.0652	80.3	76.5	1	14.0-127			4.34	27
Acenaphthylene	0.0848	U	0.0787	0.0748	92.8	87.7	1	21.0-124			5.16	25
Benzo(a)anthracene	0.0848	U	0.0775	0.0722	91.4	84.7	1	10.0-139			7.15	30
Benzo(a)pyrene	0.0848	U	0.0750	0.0694	88.4	81.4	1	10.0-141			7.72	31
Benzo(b)fluoranthene	0.0848	U	0.0793	0.0739	93.4	86.7	1	10.0-140			6.99	36
Benzo(g,h,i)perylene	0.0848	U	0.0758	0.0683	89.4	80.2	1	10.0-140			10.4	33
Benzo(k)fluoranthene	0.0848	U	0.0758	0.0696	89.4	81.7	1	10.0-137			8.54	31
Chrysene	0.0848	U	0.0816	0.0757	96.2	88.8	1	10.0-145			7.49	30
Dibenz(a,h)anthracene	0.0848	U	0.0784	0.0710	92.4	83.3	1	10.0-132			9.89	31
Fluoranthene	0.0848	U	0.0794	0.0752	93.6	88.2	1	10.0-153			5.41	33
Fluorene	0.0848	U	0.0826	0.0769	97.3	90.2	1	11.0-130			7.12	29
Indeno(1,2,3-cd)pyrene	0.0848	U	0.0737	0.0673	86.9	78.9	1	10.0-137			9.12	32
Naphthalene	0.0848	U	0.0699	0.0679	82.4	79.6	1	10.0-135			2.95	27
Phenanthrene	0.0848	U	0.0782	0.0777	92.2	91.1	1	10.0-144			0.687	31
Pyrene	0.0848	U	0.0792	0.0743	93.3	87.2	1	10.0-148			6.28	35
1-Methylnaphthalene	0.0848	U	0.0774	0.0745	91.3	87.4	1	10.0-142			3.81	28
2-Methylnaphthalene	0.0848	U	0.0722	0.0705	85.1	82.7	1	10.0-137			2.40	28
2-Chloronaphthalene	0.0848	U	0.0697	0.0660	82.2	77.4	1	29.0-120			5.52	24
(S) p-Terphenyl-d14					*68.3*	*65.7*		*23.0-120*				
(S) 2-Fluorobiphenyl					*69.6*	*66.9*		*34.0-125*				
(S) 2-Methylnaphthalene-d10					*63.7*	*65.4*		*50.0-150*				

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

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

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

Abbreviations and Definitions

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

Qualifier	Description
B	The same analyte is found in the associated blank.
C3	The reported concentration is an estimate. The continuing calibration standard associated with this data responded low. Method sensitivity check is acceptable.
E	The analyte concentration exceeds the upper limit of the calibration range of the instrument established by the initial calibration (ICAL).
J	The identification of the analyte is acceptable; the reported value is an estimate.
J1	Surrogate recovery limits have been exceeded; values are outside upper control limits.
J3	The associated batch QC was outside the established quality control range for precision.

GLOSSARY OF TERMS

Qualifier	Description
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.
J7	Surrogate recovery cannot be used for control limit evaluation due to dilution.

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.

State of Oregon Sample Chain of Custody

B202

Agency, Authorized Purchaser or Agent: ODOT

Send Lab Report To: Ryan Franklin
Address: 63034 O.B. Riley Rd. Bend, OR 97701
Tel. #: (541) 388-6088
E-mail: ryan.franklin@odot.oregon.gov

Contract Laboratory Name: Pace Analytical
Lab Batch #:
Invoice To: Same
Address:
Tel. #:

Lab Selection Criteria:
- ☐ Proximity (if TAT < 48 hrs)
- ☐ Prior work on same project
- ☒ Cost (for anticipated analyses)
- ☐ Other labs disqualified or unable to perform requested services
- ☐ Emergency work

Turn Around Time:
- ☒ 10 days (std.)
- ☐ 5 days
- ☐ 72 hours
- ☐ 48 hours
- ☐ 24 hours
- ☐ Other

Project Name: OR422: Chiloquin Hwy - OR422S
Project #: 23709
Sampler Name: Ryan Franklin

Sample ID#	Collection Date/Time	Matrix	Number of Containers	Sample Preservative										Comments
				None	5035 Kit	None	5035 Kit	None	None	None				L1897243
				Requested Analyses										
				NWTPH-HCID	NWTPH-Gx	NWTPH-Dx	VOCs by 8260	PAHs by 8270SIM	TCLP Lead	RCRA-8 Metals				
P25-03-6'-7'	9/8/25 1:55pm	S	2		X	X	X	X		X				-01
P25-04-4'	2:17pm				X	X	X	X		X				-02
P25-04-7-7.5'	2:27pm				X	X								-03
P25-05-4.5'	2:41pm				X	X								-04
P25-05-6.5'	2:47pm				X	X								-05
P25-07-4'	9/9/25 8:33am				X	X								-06
P25-07-5.5	8:47am				X	X	X	X		X				-07
P25-07-1.5'	8:52am				X	X								-08
P25-08-3.5'	9:08am				X	X								-09
P25-08-1.5'	9:12am				X	X	X	X		X				-10
P25-09-3.5'	9:49am				X	X	X	X						-11
P25-11-5.5'	12:46pm				X	X								-12

Notes:

Relinquished By:	Agency/Agent:	Received By:	Agency/Agent:
Ryan Franklin	ODOT	FedEx	
Signature:	Time & Date: 1:00pm 9/10/25	Signature:	Time & Date:
Relinquished By:	Agency/Agent:	Received By: Alexa Mitchell	Agency/Agent: PACE
Signature:	Time & Date:	Signature: Alexa Mitchell	Time & Date: 9/11/25 0930

THIS PURCHASE IS SUBMITTED PURSUANT TO STATE OF OREGON SOLICITATION #102-1098-07 AND PRICE AGREEMENT # []. THE PRICE AGREEMENT INCLUDING CONTRACT TERMS AND CONDITIONS AND SPECIAL CONTRACT TERMS AND CONDITIONS (T'S &C'S) CONTAINED IN THE PRICE AGREEMENT ARE HEREBY INCORPORATED BY REFERENCE AND SHALL APPLY TO THIS PURCHASE AND SHALL TAKE PRECEDENCE OVER ALL OTHER CONFLICTING T'S AND C'S, EXPRESS OR IMPLIED.

Version: 4/4/2008

State of Oregon Sample Chain of Custody

Agency, Authorized Purchaser or Agent: ODOT

Send Lab Report To: Ryan Franklin
Address: 63034 O.B. Riley Rd. Bend, OR 97701
Tel. #: (541) 388-6088
E-mail: ryan.franklin@odot.oregon.gov

Contract Laboratory Name: Pace Analytical
Lab Batch #:
Invoice To: Same
Address:
Tel. #:

Lab Selection Criteria:
- ☐ Proximity (if TAT < 48 hrs)
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- ☒ Cost (for anticipated analyses)
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Sampler Name: Ryan Franklin

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				Requested Analyses										L1897243
				NWTPH-HCID	NWTPH-Gx	NWTPH-Dx	VOCs by 8260	PAHs by 8270SIM	TCLP Lead	RCRA-8 Metals				
P25-12-4.5'	9/9/25 1:04pm	S	2	~~X~~	X	X	~~X~~	~~X~~						-13
P25-13-4'	2:01pm	↓	↓		X	X	X	X		X				-14
P25-14-5.5'	2:27pm				X	X	X	X		X				-15
P25-15-5.5'	2:51pm				X	X								-16
P25-16-7.5'	3:12pm				X	X								-17
P25-17-7.5'	3:34pm				X	X								-18

Sample Receipt Checklist 1.9, 1=1.8

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		

Notes:

Relinquished By: Ryan Franklin	Agency/Agent: ODOT	Received By: FedEx	Agency/Agent:
Signature: [signature]	Time & Date: 1:00pm 9/10/25	Signature:	Time & Date:
Relinquished By:	Agency/Agent:	Received By: Alexa Mitchell	Agency/Agent: PACE
Signature:	Time & Date:	Signature: Alexa Mitchell	Time & Date: 9/11/25 0930

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Version: 4/4/2008