ANALYTICAL REPORT

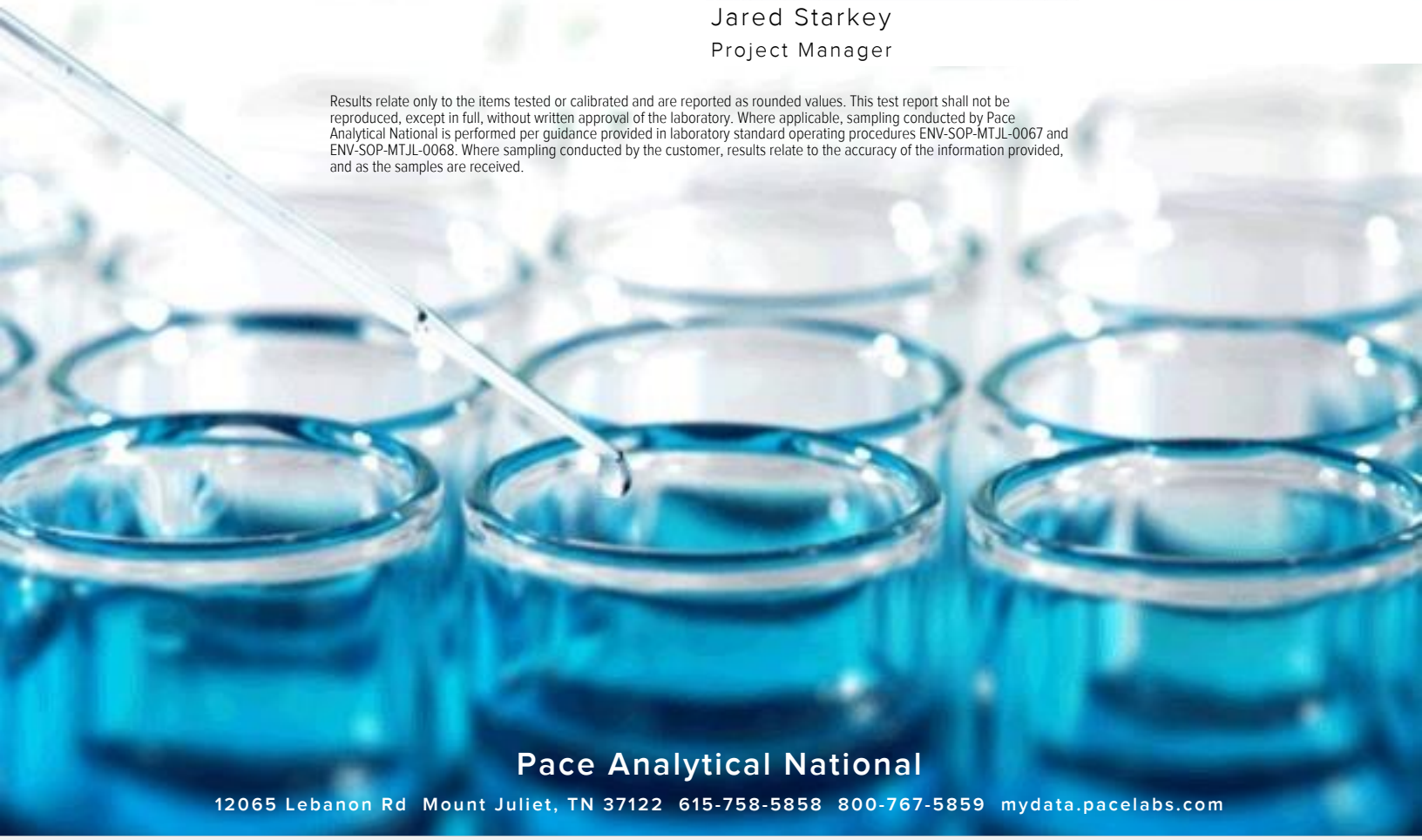
May 15, 2025

CTEH - ER

Sample Delivery Group:	L1858441
Samples Received:	05/14/2025
Project Number:	PROJ-054017
Description:	Bishop Loss of Containment Incident
Report To:	CTEH 5120 North Shore Drive North Little Rock, AR 72118

Entire Report Reviewed By:

Jared Starkey
Project Manager



Pace Analytical National
12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 mydata.pacelabs.com

TABLE OF CONTENTS

GACO0513T013S001 L1858441-01

Collected by: Andrew Schall
Collected date/time: 05/13/25 10:50
Received date/time: 05/14/25 11:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2515050	1	05/14/25 16:48	05/15/25 09:54	KMB	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG2514715	1	05/14/25 13:02	05/14/25 13:16	KDW	Mt. Juliet, TN
Wet Chemistry by Method 350.1	WG2514941	1	05/14/25 16:15	05/14/25 23:44	RTW	Mt. Juliet, TN
Wet Chemistry by Method 4500NOrg D-2021	WG2514925	5	05/14/25 22:58	05/15/25 09:54	KMB	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2515050	1	05/14/25 16:48	05/14/25 23:16	ZSA	Mt. Juliet, TN
Wet Chemistry by Method WALKLEY-BLACK	WG2514959	5	05/15/25 10:00	05/15/25 14:06	PAN	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2514882	1	05/14/25 14:11	05/14/25 16:45	RLS	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2514844	1	05/14/25 12:24	05/14/25 15:28	WHS	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2514852	2	05/14/25 14:00	05/15/25 01:18	MBE	Mt. Juliet, TN

GACO0513T013T001 L1858441-02

Collected by: Andrew Schall
Collected date/time: 05/13/25 07:00
Received date/time: 05/14/25 11:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2514719	1	05/14/25 14:31	05/14/25 14:31	WHS	Mt. Juliet, TN

Unless qualified or notated within the narrative below, all sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.

Jared Starkey
Project Manager

Metals (ICP) by Method 6010D

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

Batch	Lab Sample ID	Analytes
WG2514882	(MS) R4214751-5, (MSD) R4214751-6	Aluminum and Manganese

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

Batch	Lab Sample ID	Analytes
WG2514882	(MS) R4214751-5	Iron

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

Batch	Lab Sample ID	Analytes
WG2514882	(MS) R4214751-5, (MSD) R4214751-6	Thallium

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

Batch	Lab Sample ID	Analytes
WG2514882	(MSD) R4214751-6	Iron and Manganese

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
WG2514719	L1858441-02	1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, 1,2-Dibromo-3-Chloropropane, Acetone, Bromoform, Bromomethane and Naphthalene
WG2514844	L1858441-01	1,1,2-Trichlorotrifluoroethane, 1,2-Dibromo-3-Chloropropane, Carbon tetrachloride, Dichlorodifluoromethane, Trichlorofluoromethane and Vinyl chloride

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

The reported concentration is an estimate. The continuing calibration standard associated with this data responded low. Method sensitivity check is acceptable.

Batch	Lab Sample ID	Analytes
WG2514852	L1858441-01	2,4-Dimethylphenol and Pentachlorophenol

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

Batch	Lab Sample ID	Analytes
WG2514852	L1858441-01	Hexachlorocyclopentadiene

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

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

Batch	Lab Sample ID	Analytes
WG2514852	(MS) R4214940-3, (MSD) R4214940-4	Benzidine

Calculated Results

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Total Nitrogen	2160000		22500	1	05/15/2025 09:54	WG2515050

Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	89.1		1	05/14/2025 13:16	WG2514715

Wet Chemistry by Method 350.1

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Ammonia Nitrogen	ND		11200	1	05/14/2025 23:44	WG2514941

Wet Chemistry by Method 4500NOrg D-2021

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Kjeldahl Nitrogen, TKN	2160000		112000	5	05/15/2025 09:54	WG2514925

Wet Chemistry by Method 9056A

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	ND		22500	1	05/14/2025 23:16	WG2515050

Wet Chemistry by Method WALKLEY-BLACK

Analyte	Result ug/kg	Qualifier	RDL ug/kg	Dilution	Analysis date / time	Batch
TOC By Walkley Black	24700000		500000	5	05/15/2025 14:06	WG2514959

Metals (ICP) by Method 6010D

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Aluminum	5100000		22500	1	05/14/2025 16:45	WG2514882
Antimony	ND		2250	1	05/14/2025 16:45	WG2514882
Beryllium	481		225	1	05/14/2025 16:45	WG2514882
Calcium	11800000		112000	1	05/14/2025 16:45	WG2514882
Cobalt	4060		1120	1	05/14/2025 16:45	WG2514882
Iron	7040000		11200	1	05/14/2025 16:45	WG2514882
Magnesium	3750000		112000	1	05/14/2025 16:45	WG2514882
Manganese	224000		1120	1	05/14/2025 16:45	WG2514882
Potassium	1990000		112000	1	05/14/2025 16:45	WG2514882
Sodium	810000		112000	1	05/14/2025 16:45	WG2514882
Thallium	ND		2250	1	05/14/2025 16:45	WG2514882
Vanadium	12300		2250	1	05/14/2025 16:45	WG2514882

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

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Acetone	ND		62.3	1	05/14/2025 15:28	WG2514844
Acrylonitrile	ND		15.6	1	05/14/2025 15:28	WG2514844
Bromobenzene	ND		15.6	1	05/14/2025 15:28	WG2514844
Bromodichloromethane	ND		3.11	1	05/14/2025 15:28	WG2514844
Bromoform	ND		31.1	1	05/14/2025 15:28	WG2514844
Bromomethane	ND		15.6	1	05/14/2025 15:28	WG2514844

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

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
n-Butylbenzene	ND		15.6	1	05/14/2025 15:28	WG2514844
sec-Butylbenzene	ND		15.6	1	05/14/2025 15:28	WG2514844
tert-Butylbenzene	ND		6.23	1	05/14/2025 15:28	WG2514844
Carbon tetrachloride	ND	C3	6.23	1	05/14/2025 15:28	WG2514844
Chlorobenzene	ND		3.11	1	05/14/2025 15:28	WG2514844
Chlorodibromomethane	ND		3.11	1	05/14/2025 15:28	WG2514844
Chloroethane	ND		6.23	1	05/14/2025 15:28	WG2514844
Chloroform	ND		3.11	1	05/14/2025 15:28	WG2514844
Chloromethane	ND		15.6	1	05/14/2025 15:28	WG2514844
2-Chlorotoluene	ND		3.11	1	05/14/2025 15:28	WG2514844
4-Chlorotoluene	ND		6.23	1	05/14/2025 15:28	WG2514844
1,2-Dibromo-3-Chloropropane	ND	C3	31.1	1	05/14/2025 15:28	WG2514844
1,2-Dibromoethane	ND		3.11	1	05/14/2025 15:28	WG2514844
Dibromomethane	ND		6.23	1	05/14/2025 15:28	WG2514844
1,2-Dichlorobenzene	ND		6.23	1	05/14/2025 15:28	WG2514844
1,3-Dichlorobenzene	ND		6.23	1	05/14/2025 15:28	WG2514844
1,4-Dichlorobenzene	ND		6.23	1	05/14/2025 15:28	WG2514844
Dichlorodifluoromethane	ND	C3	6.23	1	05/14/2025 15:28	WG2514844
1,1-Dichloroethane	ND		3.11	1	05/14/2025 15:28	WG2514844
1,2-Dichloroethane	ND		3.11	1	05/14/2025 15:28	WG2514844
1,1-Dichloroethene	ND		3.11	1	05/14/2025 15:28	WG2514844
cis-1,2-Dichloroethene	ND		3.11	1	05/14/2025 15:28	WG2514844
trans-1,2-Dichloroethene	ND		6.23	1	05/14/2025 15:28	WG2514844
1,2-Dichloropropane	ND		6.23	1	05/14/2025 15:28	WG2514844
1,1-Dichloropropene	ND		3.11	1	05/14/2025 15:28	WG2514844
1,3-Dichloropropane	ND		6.23	1	05/14/2025 15:28	WG2514844
cis-1,3-Dichloropropene	ND		3.11	1	05/14/2025 15:28	WG2514844
trans-1,3-Dichloropropene	ND		6.23	1	05/14/2025 15:28	WG2514844
2,2-Dichloropropane	ND		3.11	1	05/14/2025 15:28	WG2514844
Di-isopropyl ether	ND		1.25	1	05/14/2025 15:28	WG2514844
Hexachloro-1,3-butadiene	ND		31.1	1	05/14/2025 15:28	WG2514844
Isopropylbenzene	ND		3.11	1	05/14/2025 15:28	WG2514844
p-Isopropyltoluene	ND		6.23	1	05/14/2025 15:28	WG2514844
2-Butanone (MEK)	ND		125	1	05/14/2025 15:28	WG2514844
Methylene Chloride	ND		31.1	1	05/14/2025 15:28	WG2514844
4-Methyl-2-pentanone (MIBK)	ND		31.1	1	05/14/2025 15:28	WG2514844
Methyl tert-butyl ether	ND		1.25	1	05/14/2025 15:28	WG2514844
n-Propylbenzene	ND		6.23	1	05/14/2025 15:28	WG2514844
Styrene	ND		15.6	1	05/14/2025 15:28	WG2514844
1,1,1,2-Tetrachloroethane	ND		3.11	1	05/14/2025 15:28	WG2514844
1,1,2,2-Tetrachloroethane	ND		3.11	1	05/14/2025 15:28	WG2514844
1,1,2-Trichlorotrifluoroethane	ND	C3	3.11	1	05/14/2025 15:28	WG2514844
Tetrachloroethene	ND		3.11	1	05/14/2025 15:28	WG2514844
1,2,3-Trichlorobenzene	ND		15.6	1	05/14/2025 15:28	WG2514844
1,2,4-Trichlorobenzene	ND		15.6	1	05/14/2025 15:28	WG2514844
1,1,1-Trichloroethane	ND		3.11	1	05/14/2025 15:28	WG2514844
1,1,2-Trichloroethane	ND		3.11	1	05/14/2025 15:28	WG2514844
Trichloroethene	ND		1.25	1	05/14/2025 15:28	WG2514844
Trichlorofluoromethane	ND	C3	3.11	1	05/14/2025 15:28	WG2514844
1,2,3-Trichloropropane	ND		15.6	1	05/14/2025 15:28	WG2514844
1,2,3-Trimethylbenzene	ND		6.23	1	05/14/2025 15:28	WG2514844
Vinyl chloride	ND	C3	3.11	1	05/14/2025 15:28	WG2514844
(S) Toluene-d8	*109*		*75.0-131*		*05/14/2025 15:28*	WG2514844
(S) 4-Bromofluorobenzene	*93.6*		*67.0-138*		*05/14/2025 15:28*	WG2514844
(S) 1,2-Dichloroethane-d4	*100*		*70.0-130*		*05/14/2025 15:28*	WG2514844

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

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Acenaphthylene	ND		74.8	2	05/15/2025 01:18	WG2514852
Benzidine	ND		3750	2	05/15/2025 01:18	WG2514852
Benzo(g,h,i)perylene	ND		74.8	2	05/15/2025 01:18	WG2514852
Bis(2-chlorethoxy)methane	ND		748	2	05/15/2025 01:18	WG2514852
Bis(2-chloroethyl)ether	ND		748	2	05/15/2025 01:18	WG2514852
2,2-Oxybis(1-Chloropropane)	ND		748	2	05/15/2025 01:18	WG2514852
4-Bromophenyl-phenylether	ND		748	2	05/15/2025 01:18	WG2514852
2-Chloronaphthalene	ND		74.8	2	05/15/2025 01:18	WG2514852
4-Chlorophenyl-phenylether	ND		748	2	05/15/2025 01:18	WG2514852
1,2-Dichlorobenzene	ND		748	2	05/15/2025 01:18	WG2514852
1,3-Dichlorobenzene	ND		748	2	05/15/2025 01:18	WG2514852
1,4-Dichlorobenzene	ND		748	2	05/15/2025 01:18	WG2514852
3,3-Dichlorobenzidine	ND		748	2	05/15/2025 01:18	WG2514852
2,4-Dinitrotoluene	ND		748	2	05/15/2025 01:18	WG2514852
2,6-Dinitrotoluene	ND		748	2	05/15/2025 01:18	WG2514852
Hexachlorobenzene	ND		748	2	05/15/2025 01:18	WG2514852
Hexachloro-1,3-butadiene	ND		748	2	05/15/2025 01:18	WG2514852
Hexachlorocyclopentadiene	ND	C7	748	2	05/15/2025 01:18	WG2514852
Hexachloroethane	ND		748	2	05/15/2025 01:18	WG2514852
Isophorone	ND		748	2	05/15/2025 01:18	WG2514852
Nitrobenzene	ND		748	2	05/15/2025 01:18	WG2514852
n-Nitrosodimethylamine	ND		748	2	05/15/2025 01:18	WG2514852
n-Nitrosodiphenylamine	ND		748	2	05/15/2025 01:18	WG2514852
n-Nitrosodi-n-propylamine	ND		748	2	05/15/2025 01:18	WG2514852
Phenanthrene	ND		74.8	2	05/15/2025 01:18	WG2514852
Benzylbutyl phthalate	ND		748	2	05/15/2025 01:18	WG2514852
Bis(2-ethylhexyl)phthalate	ND		748	2	05/15/2025 01:18	WG2514852
Di-n-butyl phthalate	ND		748	2	05/15/2025 01:18	WG2514852
Diethyl phthalate	ND		748	2	05/15/2025 01:18	WG2514852
Dimethyl phthalate	ND		748	2	05/15/2025 01:18	WG2514852
Di-n-octyl phthalate	ND		748	2	05/15/2025 01:18	WG2514852
1,2,4-Trichlorobenzene	ND		748	2	05/15/2025 01:18	WG2514852
4-Chloro-3-methylphenol	ND		748	2	05/15/2025 01:18	WG2514852
2-Chlorophenol	ND		748	2	05/15/2025 01:18	WG2514852
2,4-Dichlorophenol	ND		748	2	05/15/2025 01:18	WG2514852
2,4-Dimethylphenol	ND	C3	748	2	05/15/2025 01:18	WG2514852
4,6-Dinitro-2-methylphenol	ND		748	2	05/15/2025 01:18	WG2514852
2,4-Dinitrophenol	ND		748	2	05/15/2025 01:18	WG2514852
2-Nitrophenol	ND		748	2	05/15/2025 01:18	WG2514852
4-Nitrophenol	ND		748	2	05/15/2025 01:18	WG2514852
Pentachlorophenol	ND	C3	748	2	05/15/2025 01:18	WG2514852
Phenol	ND		748	2	05/15/2025 01:18	WG2514852
2,4,6-Trichlorophenol	ND		748	2	05/15/2025 01:18	WG2514852
(S) 2-Fluorophenol	*69.0*		*12.0-120*		*05/15/2025 01:18*	WG2514852
(S) Phenol-d5	*64.1*		*10.0-120*		*05/15/2025 01:18*	WG2514852
(S) Nitrobenzene-d5	*64.3*		*10.0-122*		*05/15/2025 01:18*	WG2514852
(S) 2-Fluorobiphenyl	*58.2*		*15.0-120*		*05/15/2025 01:18*	WG2514852
(S) 2,4,6-Tribromophenol	*63.2*		*10.0-127*		*05/15/2025 01:18*	WG2514852
(S) p-Terphenyl-d14	*63.1*		*10.0-120*		*05/15/2025 01:18*	WG2514852

Sample Narrative:

L1858441-01 WG2514852: Dilution due to matrix impact during extraction procedure

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND	C3	50.0	1	05/14/2025 14:31	WG2514719
Acrolein	ND		50.0	1	05/14/2025 14:31	WG2514719
Acrylonitrile	ND		10.0	1	05/14/2025 14:31	WG2514719
Benzene	ND		1.00	1	05/14/2025 14:31	WG2514719
Bromobenzene	ND		1.00	1	05/14/2025 14:31	WG2514719
Bromodichloromethane	ND		1.00	1	05/14/2025 14:31	WG2514719
Bromoform	ND	C3	1.00	1	05/14/2025 14:31	WG2514719
Bromomethane	ND	C3	5.00	1	05/14/2025 14:31	WG2514719
n-Butylbenzene	ND		1.00	1	05/14/2025 14:31	WG2514719
sec-Butylbenzene	ND		1.00	1	05/14/2025 14:31	WG2514719
tert-Butylbenzene	ND		1.00	1	05/14/2025 14:31	WG2514719
Carbon tetrachloride	ND		1.00	1	05/14/2025 14:31	WG2514719
Chlorobenzene	ND		1.00	1	05/14/2025 14:31	WG2514719
Chlorodibromomethane	ND		1.00	1	05/14/2025 14:31	WG2514719
Chloroethane	ND		5.00	1	05/14/2025 14:31	WG2514719
Chloroform	ND		5.00	1	05/14/2025 14:31	WG2514719
Chloromethane	ND		2.50	1	05/14/2025 14:31	WG2514719
2-Chlorotoluene	ND		1.00	1	05/14/2025 14:31	WG2514719
4-Chlorotoluene	ND		1.00	1	05/14/2025 14:31	WG2514719
1,2-Dibromo-3-Chloropropane	ND	C3	5.00	1	05/14/2025 14:31	WG2514719
1,2-Dibromoethane	ND		1.00	1	05/14/2025 14:31	WG2514719
Dibromomethane	ND		1.00	1	05/14/2025 14:31	WG2514719
1,2-Dichlorobenzene	ND		1.00	1	05/14/2025 14:31	WG2514719
1,3-Dichlorobenzene	ND		1.00	1	05/14/2025 14:31	WG2514719
1,4-Dichlorobenzene	ND		1.00	1	05/14/2025 14:31	WG2514719
Dichlorodifluoromethane	ND		5.00	1	05/14/2025 14:31	WG2514719
1,1-Dichloroethane	ND		1.00	1	05/14/2025 14:31	WG2514719
1,2-Dichloroethane	ND		1.00	1	05/14/2025 14:31	WG2514719
1,1-Dichloroethene	ND		1.00	1	05/14/2025 14:31	WG2514719
cis-1,2-Dichloroethene	ND		1.00	1	05/14/2025 14:31	WG2514719
trans-1,2-Dichloroethene	ND		1.00	1	05/14/2025 14:31	WG2514719
1,2-Dichloropropane	ND		1.00	1	05/14/2025 14:31	WG2514719
1,1-Dichloropropene	ND		1.00	1	05/14/2025 14:31	WG2514719
1,3-Dichloropropane	ND		1.00	1	05/14/2025 14:31	WG2514719
cis-1,3-Dichloropropene	ND		1.00	1	05/14/2025 14:31	WG2514719
trans-1,3-Dichloropropene	ND		1.00	1	05/14/2025 14:31	WG2514719
2,2-Dichloropropane	ND		1.00	1	05/14/2025 14:31	WG2514719
Di-isopropyl ether	ND		1.00	1	05/14/2025 14:31	WG2514719
Ethylbenzene	ND		1.00	1	05/14/2025 14:31	WG2514719
Hexachloro-1,3-butadiene	ND		1.00	1	05/14/2025 14:31	WG2514719
Isopropylbenzene	ND		1.00	1	05/14/2025 14:31	WG2514719
p-Isopropyltoluene	ND		1.00	1	05/14/2025 14:31	WG2514719
2-Butanone (MEK)	ND		10.0	1	05/14/2025 14:31	WG2514719
Methylene Chloride	ND		5.00	1	05/14/2025 14:31	WG2514719
4-Methyl-2-pentanone (MIBK)	ND		10.0	1	05/14/2025 14:31	WG2514719
Methyl tert-butyl ether	ND		1.00	1	05/14/2025 14:31	WG2514719
Naphthalene	ND	C3	5.00	1	05/14/2025 14:31	WG2514719
n-Propylbenzene	ND		1.00	1	05/14/2025 14:31	WG2514719
Styrene	ND		1.00	1	05/14/2025 14:31	WG2514719
1,1,1,2-Tetrachloroethane	ND		1.00	1	05/14/2025 14:31	WG2514719
1,1,2,2-Tetrachloroethane	ND		1.00	1	05/14/2025 14:31	WG2514719
1,1,2-Trichlorotrifluoroethane	ND		1.00	1	05/14/2025 14:31	WG2514719
Tetrachloroethene	ND		1.00	1	05/14/2025 14:31	WG2514719
Toluene	ND		1.00	1	05/14/2025 14:31	WG2514719
1,2,3-Trichlorobenzene	ND	C3	1.00	1	05/14/2025 14:31	WG2514719
1,2,4-Trichlorobenzene	ND	C3	1.00	1	05/14/2025 14:31	WG2514719

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,1-Trichloroethane	ND		1.00	1	05/14/2025 14:31	WG2514719
1,1,2-Trichloroethane	ND		1.00	1	05/14/2025 14:31	WG2514719
Trichloroethene	ND		1.00	1	05/14/2025 14:31	WG2514719
Trichlorofluoromethane	ND		5.00	1	05/14/2025 14:31	WG2514719
1,2,3-Trichloropropane	ND		2.50	1	05/14/2025 14:31	WG2514719
1,2,4-Trimethylbenzene	ND		1.00	1	05/14/2025 14:31	WG2514719
1,2,3-Trimethylbenzene	ND		1.00	1	05/14/2025 14:31	WG2514719
1,3,5-Trimethylbenzene	ND		1.00	1	05/14/2025 14:31	WG2514719
Vinyl chloride	ND		1.00	1	05/14/2025 14:31	WG2514719
Xylenes, Total	ND		3.00	1	05/14/2025 14:31	WG2514719
(S) Toluene-d8	*104*		*80.0-120*		*05/14/2025 14:31*	WG2514719
(S) 4-Bromofluorobenzene	*97.9*		*77.0-126*		*05/14/2025 14:31*	WG2514719
(S) 1,2-Dichloroethane-d4	*108*		*70.0-130*		*05/14/2025 14:31*	WG2514719

Method Blank (MB)

(MB) R4214979-1 05/14/25 13:16

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

L1858440-05 Original Sample (OS) • Duplicate (DUP)

(OS) L1858440-05 05/14/25 13:16 • (DUP) R4214979-3 05/14/25 13:16

Analyte	Original Result %	DUP Result %	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Total Solids	94.8	94.9	1	0.180		10

Laboratory Control Sample (LCS)

(LCS) R4214979-2 05/14/25 13:16

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

Method Blank (MB)

(MB) R4214928-1 05/14/25 23:17

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

L1858436-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1858436-01 05/14/25 23:20 • (DUP) R4214928-3 05/14/25 23:22

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

L1858440-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1858440-01 05/14/25 23:31 • (DUP) R4214928-4 05/14/25 23:37

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

Laboratory Control Sample (LCS)

(LCS) R4214928-2 05/14/25 23:19

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
	ug/kg	ug/kg	%	%	
Ammonia Nitrogen	250000	245000	97.9	90.0-110	

L1858453-05 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1858453-05 05/15/25 00:01 • (MS) R4214928-5 05/15/25 00:02 • (MSD) R4214928-6 05/15/25 00:04

Analyte	Spike Amount (dry)	Original Result (dry)	MS Result (dry)	MSD Result (dry)	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
	ug/kg				%	%		%			%	%
Ammonia Nitrogen	305000	ND	310000	297000	102	97.6	1	90.0-110			4.10	20

Method Blank (MB)

(MB) R4215091-1 05/15/25 09:35

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

L1858436-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1858436-02 05/15/25 09:39 • (DUP) R4215091-7 05/15/25 09:41

Analyte	Original Result (dry) ug/kg	DUP Result (dry) ug/kg	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Kjeldahl Nitrogen, TKN	876000	1000000	5	13.3		20

L1858438-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1858438-01 05/15/25 09:44 • (DUP) R4215091-14 05/15/25 10:08

Analyte	Original Result (dry) ug/kg	DUP Result (dry) ug/kg	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Kjeldahl Nitrogen, TKN	1490000	1620000	5	8.82		20

Laboratory Control Sample (LCS)

(LCS) R4215091-3 05/15/25 09:36

Analyte	Spike Amount ug/kg	LCS Result ug/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Kjeldahl Nitrogen, TKN	480000	436000	90.9	81.7-124	

L1858436-01 Original Sample (OS) • Matrix Spike (MS)

(OS) L1858436-01 05/15/25 09:37 • (MS) R4215091-5 05/15/25 09:38

Analyte	Spike Amount (dry) ug/kg	Original Result (dry) ug/kg	MS Result (dry) ug/kg	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Kjeldahl Nitrogen, TKN	420000	683000	1170000	116	5	81.7-124	

QUALITY CONTROL SUMMARY

L1858441-01

L1858453-05 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1858453-05 05/15/25 10:05 • (MS) R4215091-10 05/15/25 10:06 • (MSD) R4215091-12 05/15/25 10:07

Analyte	Spike Amount (dry)	Original Result (dry)	MS Result (dry)	MSD Result (dry)	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
	ug/kg				%	%		%			%	%
Kjeldahl Nitrogen, TKN	488000	415000	821000	835000	83.4	86.2	5	81.7-124			1.65	20

Method Blank (MB)

(MB) R4214983-1 05/14/25 22:38

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

Laboratory Control Sample (LCS)

(LCS) R4214983-2 05/14/25 22:51

Analyte	Spike Amount ug/kg	LCS Result ug/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Nitrate-Nitrite	40000	42300	106	80.0-120	

L1858444-10 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1858444-10 05/14/25 23:29 • (MS) R4214983-3 05/14/25 23:41 • (MSD) R4214983-4 05/14/25 23:54

Analyte	Spike Amount (dry) ug/kg	Original Result (dry) ug/kg	MS Result (dry) ug/kg	MSD Result (dry) ug/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Nitrate-Nitrite	42300	ND	57300	59700	95.3	101	1	80.0-120			4.12	15

Method Blank (MB)

(MB) R4215288-1 05/15/25 14:02

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

L1858438-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1858438-01 05/15/25 14:03 • (DUP) R4215288-3 05/15/25 14:04

Analyte	Original Result ug/kg	DUP Result ug/kg	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
TOC By Walkley Black	21000000	22700000	10	7.68		20

L1858444-07 Original Sample (OS) • Duplicate (DUP)

(OS) L1858444-07 05/15/25 14:07 • (DUP) R4215288-4 05/15/25 14:08

Analyte	Original Result ug/kg	DUP Result ug/kg	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
TOC By Walkley Black	5120000	4820000	5	6.11		20

Laboratory Control Sample (LCS)

(LCS) R4215288-2 05/15/25 14:03

Analyte	Spike Amount ug/kg	LCS Result ug/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
TOC By Walkley Black	3230000	4190000	130	75.0-144	

L1858453-05 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1858453-05 05/15/25 14:22 • (MS) R4215288-5 05/15/25 14:22 • (MSD) R4215288-6 05/15/25 14:22

Analyte	Spike Amount ug/kg	Original Result ug/kg	MS Result ug/kg	MSD Result ug/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
TOC By Walkley Black	40000000	7110000	51300000	51100000	111	110	10	80.0-120			0.516	20

Method Blank (MB)

(MB) R4214751-1 05/14/25 16:05

Analyte	MB Result ug/kg	MB Qualifier	MB MDL ug/kg	MB RDL ug/kg
Aluminum	U		6080	20000
Antimony	862	J	691	2000
Beryllium	U		47.7	200
Calcium	U		19000	100000
Cobalt	227	J	177	1000
Iron	U		2240	10000
Magnesium	U		19900	100000
Manganese	U		173	1000
Potassium	28400	J	20900	100000
Sodium	U		41200	100000
Thallium	U		518	2000
Vanadium	U		383	2000

Laboratory Control Sample (LCS)

(LCS) R4214751-2 05/14/25 16:06

Analyte	Spike Amount ug/kg	LCS Result ug/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Aluminum	1000000	1060000	106	80.0-120	
Antimony	100000	109000	109	80.0-120	
Beryllium	100000	109000	109	80.0-120	
Calcium	1000000	1040000	104	80.0-120	
Cobalt	100000	97100	97.1	80.0-120	
Iron	1000000	1010000	101	80.0-120	
Magnesium	1000000	996000	99.6	80.0-120	
Manganese	100000	106000	106	80.0-120	
Potassium	1000000	1010000	101	80.0-120	
Sodium	1000000	1020000	102	80.0-120	
Thallium	100000	109000	109	80.0-120	
Vanadium	100000	99500	99.5	80.0-120	

L1858436-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1858436-02 05/14/25 16:08 • (MS) R4214751-5 05/14/25 16:13 • (MSD) R4214751-6 05/14/25 16:15

Analyte	Spike Amount (dry) ug/kg	Original Result (dry)	MS Result (dry)	MSD Result (dry)	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Aluminum	1070000	3360000	5320000	5150000	184	168	1	75.0-125	J5	J5	3.27	20
Antimony	107000	ND	88000	82600	81.1	76.0	1	75.0-125			6.38	20

L1858436-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1858436-02 05/14/25 16:08 • (MS) R4214751-5 05/14/25 16:13 • (MSD) R4214751-6 05/14/25 16:15

Analyte	Spike Amount (dry)	Original Result (dry)	MS Result (dry)	MSD Result (dry)	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
	ug/kg				%	%		%			%	%
Beryllium	107000	343	104000	99800	97.5	93.3	1	75.0-125			4.41	20
Calcium	1070000	2760000	3800000	3790000	97.2	96.2	1	75.0-125			0.274	20
Cobalt	107000	2690	102000	96100	93.5	87.6	1	75.0-125			6.38	20
Iron	1070000	7130000	13400000	8330000	585	113	1	75.0-125	V	J3	46.4	20
Magnesium	1070000	1240000	2340000	2310000	103	101	1	75.0-125			1.10	20
Manganese	107000	186000	380000	292000	182	99.1	1	75.0-125	J5	J3	26.4	20
Potassium	1070000	963000	2010000	1940000	98.5	91.5	1	75.0-125			3.79	20
Sodium	1070000	ND	1070000	1070000	95.3	95.6	1	75.0-125			0.239	20
Thallium	107000	ND	56300	52700	52.8	49.5	1	75.0-125	J6	J6	6.55	20
Vanadium	107000	9540	116000	101000	99.9	85.7	1	75.0-125			14.0	20

Method Blank (MB)

(MB) R4214853-2 05/14/25 10:42

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

Method Blank (MB)

(MB) R4214853-2 05/14/25 10:42

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Isopropylbenzene	U		0.105	1.00
p-Isopropyltoluene	U		0.120	1.00
2-Butanone (MEK)	U		1.19	10.0
Methylene Chloride	U		0.430	5.00
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0
Methyl tert-butyl ether	U		0.101	1.00
Naphthalene	U		1.00	5.00
n-Propylbenzene	U		0.0993	1.00
Styrene	U		0.118	1.00
1,1,1,2-Tetrachloroethane	U		0.147	1.00
1,1,2,2-Tetrachloroethane	U		0.133	1.00
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00
Tetrachloroethene	U		0.300	1.00
Toluene	U		0.278	1.00
1,2,3-Trichlorobenzene	U		0.230	1.00
1,2,4-Trichlorobenzene	U		0.481	1.00
1,1,1-Trichloroethane	U		0.149	1.00
1,1,2-Trichloroethane	U		0.158	1.00
Trichloroethene	U		0.190	1.00
Trichlorofluoromethane	U		0.160	5.00
1,2,3-Trichloropropane	U		0.237	2.50
1,2,4-Trimethylbenzene	U		0.322	1.00
1,2,3-Trimethylbenzene	U		0.104	1.00
1,3,5-Trimethylbenzene	U		0.104	1.00
Vinyl chloride	U		0.234	1.00
Xylenes, Total	U		0.174	3.00
(S) Toluene-d8	*105*			*80.0-120*
(S) 4-Bromofluorobenzene	*97.7*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*104*			*70.0-130*

Laboratory Control Sample (LCS)

(LCS) R4214853-1 05/14/25 10:00

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Acetone	25.0	17.6	70.4	19.0-160	
Acrolein	25.0	21.5	86.0	10.0-160	
Acrylonitrile	25.0	26.4	106	55.0-149	
Benzene	5.00	4.55	91.0	70.0-123	

Laboratory Control Sample (LCS)

(LCS) R4214853-1 05/14/25 10:00

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Bromobenzene	5.00	4.16	83.2	73.0-121	
Bromodichloromethane	5.00	4.80	96.0	75.0-120	
Bromoform	5.00	3.97	79.4	68.0-132	
Bromomethane	5.00	2.55	51.0	10.0-160	
n-Butylbenzene	5.00	4.03	80.6	73.0-125	
sec-Butylbenzene	5.00	4.19	83.8	75.0-125	
tert-Butylbenzene	5.00	4.21	84.2	76.0-124	
Carbon tetrachloride	5.00	4.63	92.6	68.0-126	
Chlorobenzene	5.00	4.24	84.8	80.0-121	
Chlorodibromomethane	5.00	4.59	91.8	77.0-125	
Chloroethane	5.00	5.90	118	47.0-150	
Chloroform	5.00	4.48	89.6	73.0-120	
Chloromethane	5.00	5.23	105	41.0-142	
2-Chlorotoluene	5.00	4.08	81.6	76.0-123	
4-Chlorotoluene	5.00	4.11	82.2	75.0-122	
1,2-Dibromo-3-Chloropropane	5.00	3.63	72.6	58.0-134	
1,2-Dibromoethane	5.00	4.31	86.2	80.0-122	
Dibromomethane	5.00	4.73	94.6	80.0-120	
1,2-Dichlorobenzene	5.00	4.26	85.2	79.0-121	
1,3-Dichlorobenzene	5.00	4.37	87.4	79.0-120	
1,4-Dichlorobenzene	5.00	4.34	86.8	79.0-120	
Dichlorodifluoromethane	5.00	4.24	84.8	51.0-149	
1,1-Dichloroethane	5.00	5.10	102	70.0-126	
1,2-Dichloroethane	5.00	4.92	98.4	70.0-128	
1,1-Dichloroethene	5.00	4.29	85.8	71.0-124	
cis-1,2-Dichloroethene	5.00	4.56	91.2	73.0-120	
trans-1,2-Dichloroethene	5.00	4.62	92.4	73.0-120	
1,2-Dichloropropane	5.00	5.01	100	77.0-125	
1,1-Dichloropropene	5.00	4.29	85.8	74.0-126	
1,3-Dichloropropane	5.00	4.55	91.0	80.0-120	
cis-1,3-Dichloropropene	5.00	4.59	91.8	80.0-123	
trans-1,3-Dichloropropene	5.00	4.48	89.6	78.0-124	
2,2-Dichloropropane	5.00	5.15	103	58.0-130	
Di-isopropyl ether	5.00	5.92	118	58.0-138	
Ethylbenzene	5.00	4.16	83.2	79.0-123	
Hexachloro-1,3-butadiene	5.00	4.28	85.6	54.0-138	
Isopropylbenzene	5.00	4.01	80.2	76.0-127	
p-Isopropyltoluene	5.00	4.22	84.4	76.0-125	
2-Butanone (MEK)	25.0	20.4	81.6	44.0-160	
Methylene Chloride	5.00	4.38	87.6	67.0-120	

Laboratory Control Sample (LCS)

(LCS) R4214853-1 05/14/25 10:00

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
4-Methyl-2-pentanone (MIBK)	25.0	26.4	106	68.0-142	
Methyl tert-butyl ether	5.00	4.61	92.2	68.0-125	
Naphthalene	5.00	3.54	70.8	54.0-135	
n-Propylbenzene	5.00	4.07	81.4	77.0-124	
Styrene	5.00	4.06	81.2	73.0-130	
1,1,1,2-Tetrachloroethane	5.00	4.27	85.4	75.0-125	
1,1,2,2-Tetrachloroethane	5.00	4.30	86.0	65.0-130	
1,1,2-Trichlorotrifluoroethane	5.00	4.27	85.4	69.0-132	
Tetrachloroethene	5.00	4.34	86.8	72.0-132	
Toluene	5.00	3.99	79.8	79.0-120	
1,2,3-Trichlorobenzene	5.00	3.94	78.8	50.0-138	
1,2,4-Trichlorobenzene	5.00	3.97	79.4	57.0-137	
1,1,1-Trichloroethane	5.00	4.82	96.4	73.0-124	
1,1,2-Trichloroethane	5.00	4.46	89.2	80.0-120	
Trichloroethene	5.00	4.54	90.8	78.0-124	
Trichlorofluoromethane	5.00	4.76	95.2	59.0-147	
1,2,3-Trichloropropane	5.00	4.51	90.2	73.0-130	
1,2,4-Trimethylbenzene	5.00	4.17	83.4	76.0-121	
1,2,3-Trimethylbenzene	5.00	3.98	79.6	77.0-120	
1,3,5-Trimethylbenzene	5.00	4.10	82.0	76.0-122	
Vinyl chloride	5.00	4.94	98.8	67.0-131	
Xylenes, Total	15.0	12.5	83.3	79.0-123	
(S) Toluene-d8			*101*	*80.0-120*	
(S) 4-Bromofluorobenzene			*97.1*	*77.0-126*	
(S) 1,2-Dichloroethane-d4			*111*	*70.0-130*	

Method Blank (MB)

(MB) R4214825-2 05/14/25 11:41

Analyte	MB Result ug/kg	MB Qualifier	MB MDL ug/kg	MB RDL ug/kg
Acetone	U		36.5	50.0
Acrylonitrile	U		3.61	12.5
Bromobenzene	U		0.900	12.5
Bromodichloromethane	U		0.725	2.50
Bromoform	U		1.17	25.0
Bromomethane	7.20	J	1.97	12.5
n-Butylbenzene	U		5.25	12.5
sec-Butylbenzene	U		2.88	12.5
tert-Butylbenzene	U		1.95	5.00
Carbon tetrachloride	U		0.898	5.00
Chlorobenzene	U		0.210	2.50
Chlorodibromomethane	U		0.612	2.50
Chloroethane	U		1.70	5.00
Chloroform	U		1.03	2.50
Chloromethane	U		4.35	12.5
2-Chlorotoluene	U		0.865	2.50
4-Chlorotoluene	U		0.450	5.00
1,2-Dibromo-3-Chloropropane	U		3.90	25.0
1,2-Dibromoethane	U		0.648	2.50
Dibromomethane	U		0.750	5.00
1,2-Dichlorobenzene	U		0.425	5.00
1,3-Dichlorobenzene	U		0.600	5.00
1,4-Dichlorobenzene	U		0.700	5.00
Dichlorodifluoromethane	U		1.61	5.00
1,1-Dichloroethane	U		0.491	2.50
1,2-Dichloroethane	U		0.649	2.50
1,1-Dichloroethene	U		0.606	2.50
cis-1,2-Dichloroethene	U		0.734	2.50
trans-1,2-Dichloroethene	U		1.04	5.00
1,2-Dichloropropane	U		1.42	5.00
1,1-Dichloropropene	U		0.809	2.50
1,3-Dichloropropane	U		0.501	5.00
cis-1,3-Dichloropropene	U		0.757	2.50
trans-1,3-Dichloropropene	U		1.14	5.00
2,2-Dichloropropane	U		1.38	2.50
Di-isopropyl ether	U		0.410	1.00
Hexachloro-1,3-butadiene	U		6.00	25.0
Isopropylbenzene	U		0.425	2.50
p-Isopropyltoluene	U		2.55	5.00
2-Butanone (MEK)	U		63.5	100

Method Blank (MB)

(MB) R4214825-2 05/14/25 11:41

Analyte	MB Result ug/kg	MB Qualifier	MB MDL ug/kg	MB RDL ug/kg
Methylene Chloride	U		6.64	25.0
4-Methyl-2-pentanone (MIBK)	U		2.28	25.0
Methyl tert-butyl ether	U		0.350	1.00
n-Propylbenzene	U		0.950	5.00
Styrene	U		0.229	12.5
1,1,1,2-Tetrachloroethane	U		0.948	2.50
1,1,2,2-Tetrachloroethane	U		0.695	2.50
1,1,2-Trichlorotrifluoroethane	U		0.754	2.50
Tetrachloroethene	U		0.896	2.50
1,2,3-Trichlorobenzene	U		7.33	12.5
1,2,4-Trichlorobenzene	U		4.40	12.5
1,1,1-Trichloroethane	U		0.923	2.50
1,1,2-Trichloroethane	U		0.597	2.50
Trichloroethene	U		0.584	1.00
Trichlorofluoromethane	U		0.827	2.50
1,2,3-Trichloropropane	U		1.62	12.5
1,2,3-Trimethylbenzene	U		1.58	5.00
Vinyl chloride	U		1.16	2.50
(S) Toluene-d8	*109*			*75.0-131*
(S) 4-Bromofluorobenzene	*95.9*			*67.0-138*
(S) 1,2-Dichloroethane-d4	*94.6*			*70.0-130*

Laboratory Control Sample (LCS)

(LCS) R4214825-1 05/14/25 10:22

Analyte	Spike Amount ug/kg	LCS Result ug/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Acetone	625	555	88.8	10.0-160	
Acrylonitrile	625	589	94.2	45.0-153	
Bromobenzene	125	133	106	73.0-121	
Bromodichloromethane	125	109	87.2	73.0-121	
Bromoform	125	107	85.6	64.0-132	
Bromomethane	125	120	96.0	56.0-147	
n-Butylbenzene	125	139	111	68.0-135	
sec-Butylbenzene	125	140	112	74.0-130	
tert-Butylbenzene	125	131	105	75.0-127	
Carbon tetrachloride	125	99.0	79.2	66.0-128	
Chlorobenzene	125	125	100	76.0-128	
Chlorodibromomethane	125	115	92.0	74.0-127	

Laboratory Control Sample (LCS)

(LCS) R4214825-1 05/14/25 10:22

Analyte	Spike Amount ug/kg	LCS Result ug/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Chloroethane	125	99.6	79.7	61.0-134	
Chloroform	125	113	90.4	72.0-123	
Chloromethane	125	105	84.0	51.0-138	
2-Chlorotoluene	125	132	106	75.0-124	
4-Chlorotoluene	125	136	109	75.0-124	
1,2-Dibromo-3-Chloropropane	125	98.3	78.6	59.0-130	
1,2-Dibromoethane	125	125	100	74.0-128	
Dibromomethane	125	110	88.0	75.0-122	
1,2-Dichlorobenzene	125	125	100	76.0-124	
1,3-Dichlorobenzene	125	130	104	76.0-125	
1,4-Dichlorobenzene	125	129	103	77.0-121	
Dichlorodifluoromethane	125	90.9	72.7	43.0-156	
1,1-Dichloroethane	125	110	88.0	70.0-127	
1,2-Dichloroethane	125	114	91.2	65.0-131	
1,1-Dichloroethene	125	101	80.8	65.0-131	
cis-1,2-Dichloroethene	125	107	85.6	73.0-125	
trans-1,2-Dichloroethene	125	103	82.4	71.0-125	
1,2-Dichloropropane	125	111	88.8	74.0-125	
1,1-Dichloropropene	125	101	80.8	73.0-125	
1,3-Dichloropropane	125	123	98.4	80.0-125	
cis-1,3-Dichloropropene	125	109	87.2	76.0-127	
trans-1,3-Dichloropropene	125	127	102	73.0-127	
2,2-Dichloropropane	125	109	87.2	59.0-135	
Di-isopropyl ether	125	109	87.2	60.0-136	
Hexachloro-1,3-butadiene	125	116	92.8	57.0-150	
Isopropylbenzene	125	125	100	72.0-127	
p-Isopropyltoluene	125	138	110	72.0-133	
2-Butanone (MEK)	625	527	84.3	30.0-160	
Methylene Chloride	125	111	88.8	68.0-123	
4-Methyl-2-pentanone (MIBK)	625	644	103	56.0-143	
Methyl tert-butyl ether	125	104	83.2	66.0-132	
n-Propylbenzene	125	139	111	74.0-126	
Styrene	125	125	100	72.0-127	
1,1,1,2-Tetrachloroethane	125	124	99.2	74.0-129	
1,1,2,2-Tetrachloroethane	125	131	105	68.0-128	
1,1,2-Trichlorotrifluoroethane	125	99.0	79.2	61.0-139	
Tetrachloroethene	125	119	95.2	70.0-136	
1,2,3-Trichlorobenzene	125	101	80.8	59.0-139	
1,2,4-Trichlorobenzene	125	120	96.0	62.0-137	
1,1,1-Trichloroethane	125	103	82.4	69.0-126	

Laboratory Control Sample (LCS)

(LCS) R4214825-1 05/14/25 10:22

Analyte	Spike Amount ug/kg	LCS Result ug/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
1,1,2-Trichloroethane	125	124	99.2	78.0-123	
Trichloroethene	125	103	82.4	76.0-126	
Trichlorofluoromethane	125	92.2	73.8	61.0-142	
1,2,3-Trichloropropane	125	135	108	67.0-129	
1,2,3-Trimethylbenzene	125	135	108	74.0-124	
Vinyl chloride	125	93.9	75.1	63.0-134	
(S) Toluene-d8			*108*	*75.0-131*	
(S) 4-Bromofluorobenzene			*94.1*	*67.0-138*	
(S) 1,2-Dichloroethane-d4			*99.1*	*70.0-130*	

Method Blank (MB)

(MB) R4214940-2 05/14/25 19:47

Analyte	MB Result ug/kg	MB Qualifier	MB MDL ug/kg	MB RDL ug/kg
Acenaphthylene	U		4.69	33.3
Benzidine	U		62.6	1670
Benzo(g,h,i)perylene	U		6.09	33.3
Bis(2-chlorethoxy)methane	U		10.0	333
Bis(2-chloroethyl)ether	U		11.0	333
2,2-Oxybis(1-Chloropropane)	U		14.4	333
4-Bromophenyl-phenylether	U		11.7	333
2-Chloronaphthalene	U		5.85	33.3
4-Chlorophenyl-phenylether	U		11.6	333
1,2-Dichlorobenzene	U		9.87	333
1,3-Dichlorobenzene	U		10.1	333
1,4-Dichlorobenzene	U		9.91	333
3,3-Dichlorobenzidine	U		12.3	333
2,4-Dinitrotoluene	U		9.55	333
2,6-Dinitrotoluene	U		10.9	333
Hexachlorobenzene	U		11.8	333
Hexachloro-1,3-butadiene	U		11.2	333
Hexachlorocyclopentadiene	U		17.5	333
Hexachloroethane	U		13.1	333
Isophorone	U		10.2	333
Nitrobenzene	U		11.6	333
n-Nitrosodimethylamine	U		49.4	333
n-Nitrosodiphenylamine	U		25.2	333
n-Nitrosodi-n-propylamine	U		11.1	333
Phenanthrene	U		6.61	33.3
Benzylbutyl phthalate	U		10.4	333
Bis(2-ethylhexyl)phthalate	U		42.2	333
Di-n-butyl phthalate	U		11.4	333
Diethyl phthalate	U		11.0	333
Dimethyl phthalate	U		70.6	333
Di-n-octyl phthalate	U		22.5	333
1,2,4-Trichlorobenzene	U		10.4	333
4-Chloro-3-methylphenol	U		10.8	333
2-Chlorophenol	U		11.0	333
2,4-Dichlorophenol	U		9.70	333
2,4-Dimethylphenol	U		8.70	333
4,6-Dinitro-2-methylphenol	U		75.5	333
2,4-Dinitrophenol	U		77.9	333
2-Nitrophenol	U		11.9	333
4-Nitrophenol	U		10.4	333

Method Blank (MB)

(MB) R4214940-2 05/14/25 19:47

Analyte	MB Result ug/kg	MB Qualifier	MB MDL ug/kg	MB RDL ug/kg
Pentachlorophenol	U		8.96	333
Phenol	U		13.4	333
2,4,6-Trichlorophenol	U		10.7	333
(S) 2-Fluorophenol	*71.6*			*12.0-120*
(S) Phenol-d5	*66.2*			*10.0-120*
(S) Nitrobenzene-d5	*64.3*			*10.0-122*
(S) 2-Fluorobiphenyl	*62.2*			*15.0-120*
(S) 2,4,6-Tribromophenol	*59.8*			*10.0-127*
(S) p-Terphenyl-d14	*71.5*			*10.0-120*

Laboratory Control Sample (LCS)

(LCS) R4214940-1 05/14/25 19:25

Analyte	Spike Amount ug/kg	LCS Result ug/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Acenaphthylene	666	499	74.9	40.0-120	
Benzidine	1330	445	33.5	10.0-120	
Benzo(g,h,i)perylene	666	445	66.8	43.0-120	
Bis(2-chlorethoxy)methane	666	376	56.5	20.0-120	
Bis(2-chloroethyl)ether	666	351	52.7	16.0-120	
2,2-Oxybis(1-Chloropropane)	666	373	56.0	23.0-120	
4-Bromophenyl-phenylether	666	468	70.3	40.0-120	
2-Chloronaphthalene	666	437	65.6	35.0-120	
4-Chlorophenyl-phenylether	666	440	66.1	40.0-120	
1,2-Dichlorobenzene	666	417	62.6	32.0-120	
1,3-Dichlorobenzene	666	405	60.8	30.0-120	
1,4-Dichlorobenzene	666	430	64.6	31.0-120	
3,3-Dichlorobenzidine	1330	887	66.7	28.0-120	
2,4-Dinitrotoluene	666	486	73.0	45.0-120	
2,6-Dinitrotoluene	666	455	68.3	42.0-120	
Hexachlorobenzene	666	430	64.6	39.0-120	
Hexachloro-1,3-butadiene	666	326	48.9	15.0-120	
Hexachlorocyclopentadiene	666	275	41.3	15.0-120	
Hexachloroethane	666	426	64.0	17.0-120	
Isophorone	666	390	58.6	23.0-120	
Nitrobenzene	666	381	57.2	17.0-120	
n-Nitrosodimethylamine	666	406	61.0	10.0-125	
n-Nitrosodiphenylamine	666	450	67.6	40.0-120	
n-Nitrosodi-n-propylamine	666	468	70.3	26.0-120	

Laboratory Control Sample (LCS)

(LCS) R4214940-1 05/14/25 19:25

Analyte	Spike Amount ug/kg	LCS Result ug/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Phenanthrene	666	419	62.9	42.0-120	
Benzylbutyl phthalate	666	517	77.6	40.0-120	
Bis(2-ethylhexyl)phthalate	666	541	81.2	41.0-120	
Di-n-butyl phthalate	666	512	76.9	43.0-120	
Diethyl phthalate	666	491	73.7	43.0-120	
Dimethyl phthalate	666	486	73.0	43.0-120	
Di-n-octyl phthalate	666	496	74.5	40.0-120	
1,2,4-Trichlorobenzene	666	365	54.8	17.0-120	
4-Chloro-3-methylphenol	666	417	62.6	28.0-120	
2-Chlorophenol	666	418	62.8	28.0-120	
2,4-Dichlorophenol	666	384	57.7	25.0-120	
2,4-Dimethylphenol	666	374	56.2	15.0-120	
4,6-Dinitro-2-methylphenol	666	457	68.6	16.0-120	
2,4-Dinitrophenol	666	405	60.8	10.0-120	
2-Nitrophenol	666	431	64.7	20.0-120	
4-Nitrophenol	666	461	69.2	27.0-120	
Pentachlorophenol	666	303	45.5	29.0-120	
Phenol	666	444	66.7	28.0-120	
2,4,6-Trichlorophenol	666	429	64.4	37.0-120	
(S) 2-Fluorophenol			*77.3*	*12.0-120*	
(S) Phenol-d5			*70.0*	*10.0-120*	
(S) Nitrobenzene-d5			*59.5*	*10.0-122*	
(S) 2-Fluorobiphenyl			*64.0*	*15.0-120*	
(S) 2,4,6-Tribromophenol			*70.4*	*10.0-127*	
(S) p-Terphenyl-d14			*68.5*	*10.0-120*	

L1858453-05 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1858453-05 05/15/25 00:11 • (MS) R4214940-3 05/15/25 00:34 • (MSD) R4214940-4 05/15/25 00:56

Analyte	Spike Amount (dry) ug/kg	Original Result (dry)	MS Result (dry)	MSD Result (dry)	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Acenaphthylene	804	ND	557	528	69.2	66.2	1	25.0-120			5.39	32
Benzidine	1610	ND	ND	ND	0.000	0.000	1	10.0-120	J6	J6	0.000	40
Benzo(g,h,i)perylene	804	ND	400	373	49.7	46.8	1	10.0-120			6.94	33
Bis(2-chlorethoxy)methane	804	ND	406	ND	50.5	49.5	1	10.0-120			2.74	34
Bis(2-chloroethyl)ether	804	ND	468	466	58.2	58.4	1	10.0-120			0.522	40
2,2-Oxybis(1-Chloropropane)	804	ND	419	ND	52.1	50.5	1	10.0-120			4.15	40
4-Bromophenyl-phenylether	804	ND	523	499	65.0	62.5	1	27.0-120			4.77	30
2-Chloronaphthalene	804	ND	485	449	60.3	56.3	1	20.0-120			7.83	32

L1858453-05 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1858453-05 05/15/25 00:11 • (MS) R4214940-3 05/15/25 00:34 • (MSD) R4214940-4 05/15/25 00:56

Analyte	Spike Amount (dry)	Original Result (dry)	MS Result (dry)	MSD Result (dry)	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
	ug/kg				%	%		%			%	%
4-Chlorophenyl-phenylether	804	ND	495	470	61.5	59.0	1	24.0-120			5.05	29
1,2-Dichlorobenzene	804	ND	434	424	53.9	53.2	1	10.0-120			2.27	38
1,3-Dichlorobenzene	804	ND	427	413	53.0	51.8	1	10.0-120			3.19	40
1,4-Dichlorobenzene	804	ND	446	431	55.5	54.1	1	10.0-120			3.33	39
3,3-Dichlorobenzidine	1610	ND	718	665	44.6	41.7	1	10.0-120			7.58	34
2,4-Dinitrotoluene	804	ND	540	501	67.1	62.8	1	30.0-120			7.49	31
2,6-Dinitrotoluene	804	ND	517	492	64.2	61.8	1	25.0-120			4.83	31
Hexachlorobenzene	804	ND	481	452	59.8	56.7	1	27.0-120			6.27	28
Hexachloro-1,3-butadiene	804	ND	ND	ND	44.4	43.0	1	10.0-120			4.18	38
Hexachlorocyclopentadiene	804	ND	ND	ND	12.5	11.7	1	10.0-120			7.55	40
Hexachloroethane	804	ND	ND	ND	49.1	47.1	1	10.0-120			5.06	40
Isophorone	804	ND	424	414	52.7	52.0	1	13.0-120			2.33	34
Nitrobenzene	804	ND	418	ND	52.0	50.6	1	10.0-120			3.56	36
n-Nitrosodimethylamine	804	ND	ND	ND	47.9	45.6	1	10.0-127			5.86	40
n-Nitrosodiphenylamine	804	ND	494	473	61.4	59.3	1	17.0-120			4.29	29
n-Nitrosodi-n-propylamine	804	ND	545	514	67.7	64.5	1	10.0-120			5.75	37
Phenanthrene	804	ND	474	455	58.9	57.0	1	17.0-120			4.20	31
Benzylbutyl phthalate	804	ND	664	630	82.6	79.1	1	23.0-120			5.27	30
Bis(2-ethylhexyl)phthalate	804	ND	679	644	84.4	80.7	1	17.0-126			5.35	30
Di-n-butyl phthalate	804	ND	611	585	75.9	73.4	1	30.0-120			4.28	29
Diethyl phthalate	804	ND	564	531	70.2	66.7	1	26.0-120			6.01	28
Dimethyl phthalate	804	ND	538	512	66.8	64.2	1	25.0-120			4.88	29
Di-n-octyl phthalate	804	ND	683	644	84.8	80.7	1	21.0-123			5.88	29
1,2,4-Trichlorobenzene	804	ND	ND	ND	48.2	47.6	1	12.0-120			2.23	37
4-Chloro-3-methylphenol	804	ND	491	477	61.1	59.8	1	15.0-120			3.02	30
2-Chlorophenol	804	ND	455	434	56.5	54.4	1	15.0-120			4.66	37
2,4-Dichlorophenol	804	ND	431	410	53.6	51.4	1	20.0-120			5.22	31
2,4-Dimethylphenol	804	ND	412	ND	51.2	49.5	1	10.0-120			4.23	33
4,6-Dinitro-2-methylphenol	804	ND	428	ND	53.2	45.1	1	10.0-120			17.3	39
2,4-Dinitrophenol	804	ND	430	ND	53.5	46.3	1	10.0-121			15.2	40
2-Nitrophenol	804	ND	490	464	60.9	58.3	1	12.0-120			5.36	39
4-Nitrophenol	804	ND	594	551	73.8	69.1	1	10.0-137			7.45	32
Pentachlorophenol	804	ND	444	423	55.2	53.1	1	10.0-160			4.78	31
Phenol	804	ND	500	469	62.1	58.9	1	12.0-120			6.29	38
2,4,6-Trichlorophenol	804	ND	512	491	63.6	61.6	1	19.0-120			4.13	32
(S) 2-Fluorophenol					*69.4*	*66.5*		*12.0-120*				
(S) Phenol-d5					*65.8*	*61.9*		*10.0-120*				
(S) Nitrobenzene-d5					*53.3*	*52.0*		*10.0-122*				
(S) 2-Fluorobiphenyl					*59.7*	*55.7*		*15.0-120*				

L1858453-05 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1858453-05 05/15/25 00:11 • (MS) R4214940-3 05/15/25 00:34 • (MSD) R4214940-4 05/15/25 00:56

Analyte	Spike Amount (dry)	Original Result (dry)	MS Result (dry)	MSD Result (dry)	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
	ug/kg				%	%		%			%	%
(S) 2,4,6-Tribromophenol					*70.6*	*68.7*		*10.0-127*				
(S) p-Terphenyl-d14					*64.8*	*61.2*		*10.0-120*				

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

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

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

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

Abbreviations and Definitions

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

Qualifier	Description
C3	The reported concentration is an estimate. The continuing calibration standard associated with this data responded low. Method sensitivity check is acceptable.
C7	The initial calibration verification standard (SSCV) associated with this data responded high.
J	The identification of the analyte is acceptable; the reported value is an estimate.
J3	The associated batch QC was outside the established quality control range for precision.
J5	The sample matrix interfered with the ability to make any accurate determination; spike value is high.
J6	The sample matrix interfered with the ability to make any accurate determination; spike value is low.
V	The sample concentration is too high to evaluate accurate spike recoveries.

ACCREDITATIONS & LOCATIONS

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LAO000356
Kentucky [1 6]	KY90010	South Carolina	84004002
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas [5]	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [6] Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

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

Pace® Location Requested (City/State):

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

CHAIN-OF-CUSTODY Analytical Request Document

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

LAB USE ONLY- Affix Workorder/Login Label Here

Scan QR Code for instructions

L1858441

Company Name: CTEH, LLC

Contact/Report To: Chevron-Bishop, Kyle Lawrence, Tami McMullin, Andy Henault, Eric Catlin, Madelyn Klinkerman

Street Address: 5120 North Shore Drive, North Little Rock, AR 72118

Phone #:

E-Mail: chevron_bishop@cteh.com; kylelawrence@cteh.com; tmcmullin@cteh.com; ahenault@cteh.com

Cc E-Mail: ecatlin@cteh.com; mklinkerman@cteh.com

Customer Project #: PROJ-054017

Invoice to: CTEH

Project Name: Bishop LOC

Invoice E-mail: ctehap@montrose-env.com

Site Collection Info/Facility ID (as applicable): Galeton, CO

Purchase Order # (if applicable):

Quote #:

Time Zone Collected: [ ] AK [ ] PT [X] MT [ ] CT [ ] ET

County / State origin of sample(s): CO

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

Regulatory Program (DW, RCRA, etc.) as applicable:

Reportable [ ] Yes [ ] No

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

Date Results Requested:

DW PWSID # or WW Permit # as applicable:

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

Analysis:

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

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

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

Analysis Requested

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

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

Lab Use Only: Proj. Mgr: 546-Jared Starkey; AcctNum / Client ID: CTEHER; Table #: G206; Profile / T: T271979; Prelog / Bottle Ord. ID:

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Residual Chlorine Result	Residual Chlorine Units	VOCs 8260D	SVOCs 8270E; Metals 6010D	Total N/TKN/N+N/NH3 EPA 351.2/8056A	TOC Walkley Black	VOCs 8260D	Sample Comment
GAC00513T013S001	SS	G	-	-	5/13/2025	1050	3	-	-	X	X	X	X	-	-01
GAC00513T013T001	OT	-	-	-	5/13/2025	0700	2	-	-	-	-	-	-	X	-02

Sample Receipt Checklist

COC Seal Present/Intact: [Y] N NP — If Applicable

COC Signed/Accurate: [Y] N — VOA Zero Headspace: [Y] N

Bottles arrive intact: [Y] N — Pres. Correct/Check: [Y] N

Correct bottles used: [Y] N

Sufficient volume sent: [Y] N — Condition: NCF [OK]

RA Screen <0.5 mR/hr: [Y] N

EDD 1.6+0.4=2.0

Additional Instructions from Pace®:

VOCs - full list minus BTEX, 1,2,4-TMB, 1,3,5-TMB; SVOCs - full list minus PAHs, 1-methylnaphthalene, 2-methylnaphthalene; Metals - TAL minus RCRA, Cu, Ni, Zn

Collected By: Printed Name Andrew Schall; Signature Andrew Schall

Customer Remarks / Special Conditions / Possible Hazards:

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

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Andrew Schall / EnviroScience	05/13/25 18:00		5/14/25 1115
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

Tracking Number:

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

Page: 1 of 1

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