



ANALYTICAL REPORT

December 24, 2025

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

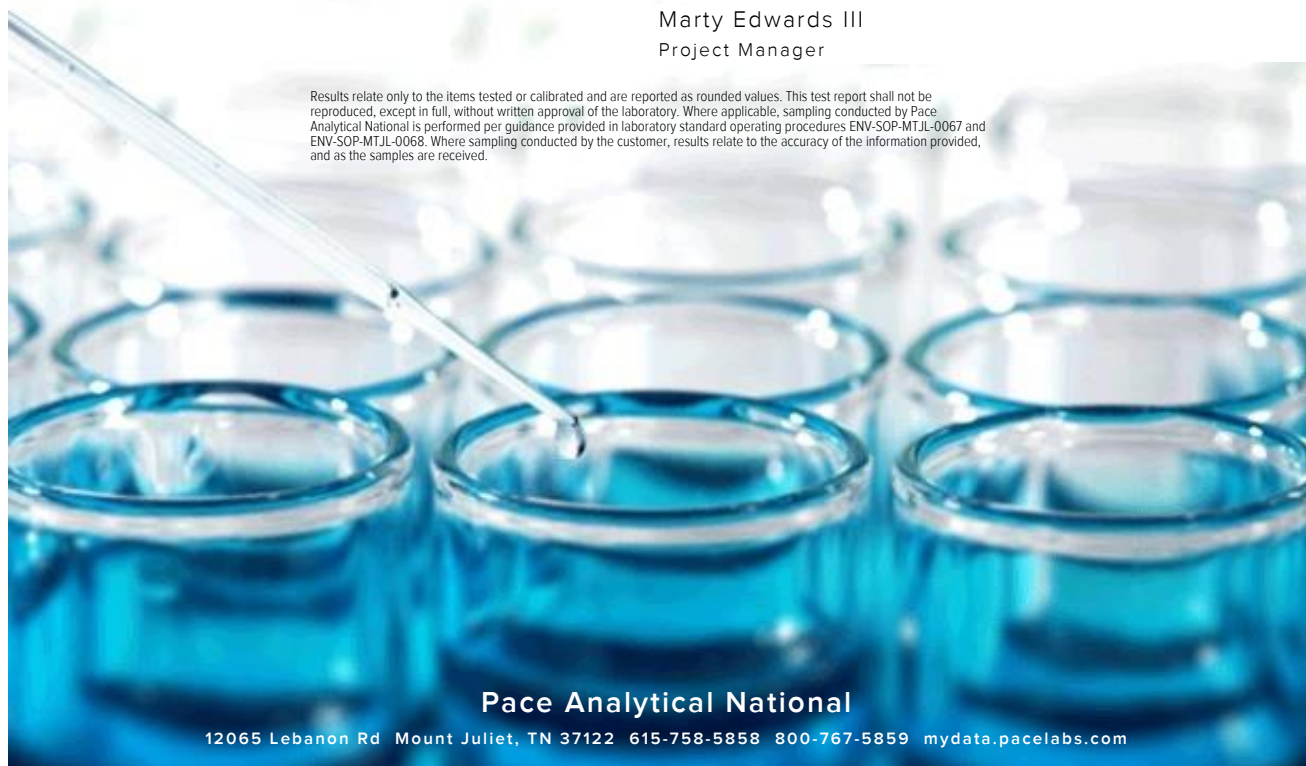
Central Plateau Cleanup Company

Sample Delivery Group: L1913110
 Samples Received: 10/30/2025
 Project Number: W26-010
 Description: RCRA, October 2025
 Site: L1913110
 Report To: Heather Medley
 2620 Fermi Ave.
 Richland, WA 99354

Entire Report Reviewed By:

Marty Edwards III
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.



Pace Analytical National

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

ACCOUNT:
Central Plateau Cleanup Company

PROJECT:
W26-010

SDG:
L1913110

DATE/TIME:
12/24/25 13:52

PAGE:
1 of 20

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SAMPLE SUMMARY

B4PN50 L1913110-01

Collected by: Rick Crabtree
Collected date/time: 10/28/25 09:10
Received date/time: 10/30/25 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2632090	1	11/02/25 17:27	11/03/25 20:01	MBE	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2634696	1	11/02/25 17:27	11/06/25 12:40	MBE	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2634696	1	11/02/25 17:27	11/11/25 11:56	MBE	Mt. Juliet, TN

1 Cp

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CASE NARRATIVE

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.

Marty Edwards III
Project Manager

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Project Comments

We certify this data package is in compliance with the analytical laboratory services for Central Plateau Cleanup Company Statement of Work, both technically and for completeness, including a full description of, explanation of, and corrective actions for any and all deviations from either the analyses requested, or the case narrative requested. Release of the data contained in this data package deliverable has been authorized by the Laboratory Analytical Manager (or designee) and the laboratory's client services representative as verified by their signatures on this report.

Sample Matrix: Water

Method 8270E WG2634696: a,a-Dimethylphenethylamine(0%), p-Phenylenediamine(0%) and 1,4-Naphthoquinone(0%) are reporting with critically low recovery in the laboratory control samples for WG2634696. These compounds are a method defined poor performer. Results are estimated for sample L1913110-1.

Sample Delivery Group (SDG) Narrative

An aliquot for analysis was taken from the original container received due to volume requirements of the laboratory's procedure. Rinsing of the original sample container for inclusion in the sample extraction was not performed.

Batch	Method	Lab Sample ID
WG2632090	8270E	L1913110-01
WG2634696	8270E	L1913110-01

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. Data is likely to show a low bias concerning the result.

Batch	Lab Sample ID	Analytes
WG2632090	L1913110-01	n-Nitrosodimethylamine
WG2634696	L1913110-01	11 analytes

Laboratory Control Sample (LCS) recoveries and/or concentration(s) were detected outside control limits.

Batch	Lab Sample ID	Analytes
WG2634696	(LCS) R4297575-1, L1913110-01	15 analytes

B4PN50

SAMPLE RESULTS - 01

Collected date/time: 10/28/25 09:10

L1913110

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acenaphthene	0.246	U	0.246	1.00	1	11/03/2025 20:01	WG2632090
Acenaphthylene	0.265	U	0.265	1.00	1	11/03/2025 20:01	WG2632090
Acetophenone	2.05	U	2.05	10.0	1	11/03/2025 20:01	WG2632090
Aniline	3.51	U	3.51	10.0	1	11/03/2025 20:01	WG2632090
Anthracene	0.196	U	0.196	1.00	1	11/03/2025 20:01	WG2632090
Benzo(a)anthracene	0.208	U	0.208	1.00	1	11/03/2025 20:01	WG2632090
Benzo(b)fluoranthene	0.280	U	0.280	1.00	1	11/03/2025 20:01	WG2632090
Benzo(k)fluoranthene	0.247	U	0.247	1.00	1	11/03/2025 20:01	WG2632090
Benzo(g,h,i)perylene	0.254	U	0.254	1.00	1	11/03/2025 20:01	WG2632090
Benzo(a)pyrene	0.128	U	0.128	1.00	1	11/03/2025 20:01	WG2632090
Benzyl alcohol	2.05	U	2.05	10.0	1	11/03/2025 20:01	WG2632090
Bis(2-chloroethoxy)methane	1.88	U	1.88	10.0	1	11/03/2025 20:01	WG2632090
Bis(2-chloroethyl)ether	2.05	U	2.05	10.0	1	11/03/2025 20:01	WG2632090
2,2-Oxybis(1-Chloropropane)	1.91	U	1.91	10.0	1	11/03/2025 20:01	WG2632090
4-Bromophenyl-phenylether	2.67	U	2.67	10.0	1	11/03/2025 20:01	WG2632090
4-Chloroaniline	5.06	U	5.06	10.0	1	11/03/2025 20:01	WG2632090
2-Chloronaphthalene	0.259	U	0.259	1.00	1	11/03/2025 20:01	WG2632090
4-Chlorophenyl-phenylether	2.22	U	2.22	10.0	1	11/03/2025 20:01	WG2632090
Chrysene	0.279	U	0.279	1.00	1	11/03/2025 20:01	WG2632090
Dibenz(a,h)anthracene	0.148	U	0.148	1.00	1	11/03/2025 20:01	WG2632090
1,2-Dichlorobenzene	2.20	U	2.20	10.0	1	11/03/2025 20:01	WG2632090
1,3-Dichlorobenzene	2.21	U	2.21	10.0	1	11/03/2025 20:01	WG2632090
1,4-Dichlorobenzene	2.23	U	2.23	10.0	1	11/03/2025 20:01	WG2632090
Dibenzofuran	2.51	U	2.51	10.0	1	11/03/2025 20:01	WG2632090
3,3-Dichlorobenzidine	7.58	U	7.58	10.0	1	11/03/2025 20:01	WG2632090
2,4-Dinitrotoluene	1.87	U	1.87	10.0	1	11/03/2025 20:01	WG2632090
2,6-Dinitrotoluene	1.86	U	1.86	10.0	1	11/03/2025 20:01	WG2632090
Diphenylamine	2.02	U	2.02	10.0	1	11/03/2025 20:01	WG2632090
Fluoranthene	0.229	U	0.229	1.00	1	11/03/2025 20:01	WG2632090
Fluorene	0.277	U	0.277	1.00	1	11/03/2025 20:01	WG2632090
Hexachlorobenzene	0.259	U	0.259	1.00	1	11/03/2025 20:01	WG2632090
Hexachloro-1,3-butadiene	2.27	U	2.27	10.0	1	11/03/2025 20:01	WG2632090
Hexachlorocyclopentadiene	2.81	U	2.81	10.0	1	11/03/2025 20:01	WG2632090
Hexachloroethane	2.15	U	2.15	10.0	1	11/03/2025 20:01	WG2632090
Indeno(1,2,3-cd)pyrene	0.285	U	0.285	1.00	1	11/03/2025 20:01	WG2632090
Isophorone	1.72	U	1.72	10.0	1	11/03/2025 20:01	WG2632090
2-Methylnaphthalene	0.276	U	0.276	1.00	1	11/03/2025 20:01	WG2632090
2-Nitroaniline	2.36	U	2.36	10.0	1	11/03/2025 20:01	WG2632090
3-Nitroaniline	1.20	U	1.20	10.0	1	11/03/2025 20:01	WG2632090
4-Nitroaniline	2.11	U	2.11	10.0	1	11/03/2025 20:01	WG2632090
Naphthalene	0.678	U	0.678	1.00	1	11/03/2025 20:01	WG2632090
Nitrobenzene	1.97	U	1.97	10.0	1	11/03/2025 20:01	WG2632090
n-Nitrosodimethylamine	2.80	U	2.80	10.0	1	11/03/2025 20:01	WG2632090
n-Nitrosodi-n-propylamine	2.02	U	2.02	10.0	1	11/03/2025 20:01	WG2632090
Phenanthrene	0.219	U	0.219	1.00	1	11/03/2025 20:01	WG2632090
Pyridine	1.49	U	1.49	10.0	1	11/03/2025 20:01	WG2632090
Benzylbutyl phthalate	1.13	U	1.13	3.00	1	11/03/2025 20:01	WG2632090
Bis(2-Ethylhexyl)phthalate	1.65	U	1.65	3.00	1	11/03/2025 20:01	WG2632090
Di-n-butyl phthalate	0.794	U	0.794	3.00	1	11/03/2025 20:01	WG2632090
Diethyl phthalate	0.861	U	0.861	3.00	1	11/03/2025 20:01	WG2632090
Dimethyl phthalate	0.772	U	0.772	3.00	1	11/03/2025 20:01	WG2632090
Di-n-octyl phthalate	1.33	U	1.33	3.00	1	11/03/2025 20:01	WG2632090
Pyrene	0.259	U	0.259	1.00	1	11/03/2025 20:01	WG2632090
1,2,4,5-Tetrachlorobenzene	2.43	U	2.43	10.0	1	11/03/2025 20:01	WG2632090
1,2,4-Trichlorobenzene	2.30	U	2.30	10.0	1	11/03/2025 20:01	WG2632090
4-Chloro-3-methylphenol	2.28	U	2.28	10.0	1	11/03/2025 20:01	WG2632090

1 Cp

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B4PN50

SAMPLE RESULTS - 01

Collected date/time: 10/28/25 09:10

L1913110

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
2-Chlorophenol	2.11	U	2.11	10.0	1	11/03/2025 20:01	WG2632090
2,4-Dichlorophenol	2.41	U	2.41	10.0	1	11/03/2025 20:01	WG2632090
2,4-Dimethylphenol	4.33	U	4.33	10.0	1	11/03/2025 20:01	WG2632090
4,6-Dinitro-2-methylphenol	3.49	U	3.49	10.0	1	11/03/2025 20:01	WG2632090
2,4-Dinitrophenol	5.71	U	5.71	10.0	1	11/03/2025 20:01	WG2632090
2-Methylphenol	1.70	U	1.70	10.0	1	11/03/2025 20:01	WG2632090
3&4-Methyl Phenol	1.54	U	1.54	10.0	1	11/03/2025 20:01	WG2632090
2-Nitrophenol	2.60	U	2.60	10.0	1	11/03/2025 20:01	WG2632090
4-Nitrophenol	7.55	U	7.55	10.0	1	11/03/2025 20:01	WG2632090
Pentachlorophenol	0.708	U	0.708	10.0	1	11/03/2025 20:01	WG2632090
Phenol	0.757	U	0.757	10.0	1	11/03/2025 20:01	WG2632090
2,3,4,6-Tetrachlorophenol	3.25	U	3.25	10.0	1	11/03/2025 20:01	WG2632090
2,4,5-Trichlorophenol	2.70	U	2.70	10.0	1	11/03/2025 20:01	WG2632090
2,4,6-Trichlorophenol	2.38	U	2.38	10.0	1	11/03/2025 20:01	WG2632090
Aramite	1.47	U	1.47	50.0	1	11/06/2025 12:40	WG2634696
2-Acetylaminofluorene	1.15	U	1.15	10.0	1	11/06/2025 12:40	WG2634696
4-Aminobiphenyl	2.39	U	2.39	10.0	1	11/06/2025 12:40	WG2634696
Carbazole	2.11	U	2.11	10.0	1	11/03/2025 20:01	WG2632090
Chlorobenzilate	1.10	U	1.10	50.0	1	11/06/2025 12:40	WG2634696
Diallate	0.524	OU	0.524	10.0	1	11/06/2025 12:40	WG2634696
2,6-Dichlorophenol	1.59	U	1.59	10.0	1	11/06/2025 12:40	WG2634696
Dimethoate	2.29	U	2.29	50.0	1	11/06/2025 12:40	WG2634696
P-(Dimethylamino) Azobenzene	1.40	OU	1.40	10.0	1	11/06/2025 12:40	WG2634696
Dimethylbenz (A) Anthracene	1.50	U	1.50	10.0	1	11/11/2025 11:56	WG2634696
3,3-Dimethylbenzidine	1.04	U	1.04	10.0	1	11/06/2025 12:40	WG2634696
a,a-Dimethylphenethylamine	2.20	OU	2.20	50.0	1	11/11/2025 11:56	WG2634696
1,3-Dinitrobenzene	1.42	U	1.42	10.0	1	11/06/2025 12:40	WG2634696
Dinoseb	1.02	U	1.02	50.0	1	11/06/2025 12:40	WG2634696
Disulfoton	2.09	U	2.09	10.0	1	11/06/2025 12:40	WG2634696
Ethyl methanesulfonate	1.82	OU	1.82	10.0	1	11/06/2025 12:40	WG2634696
Ethyl Parathion	1.59	U	1.59	10.0	1	11/06/2025 12:40	WG2634696
Famphur	1.52	U	1.52	20.0	1	11/06/2025 12:40	WG2634696
Hexachloropropene	2.12	U	2.12	50.0	1	11/06/2025 12:40	WG2634696
Hexachlorophene	6.13	OU	6.13	50.0	1	11/11/2025 11:56	WG2634696
Isodrin	1.96	OU	1.96	10.0	1	11/06/2025 12:40	WG2634696
Isosafrole	1.89	U	1.89	10.0	1	11/06/2025 12:40	WG2634696
Kepone	1.89	U	1.89	20.0	1	11/11/2025 11:56	WG2634696
Methapyrilene	2.02	U	2.02	50.0	1	11/11/2025 11:56	WG2634696
3-Methylcholanthrene	1.41	U	1.41	10.0	1	11/06/2025 12:40	WG2634696
Methyl methanesulfonate	1.38	U	1.38	50.0	1	11/06/2025 12:40	WG2634696
Methyl parathion	2.06	U	2.06	10.0	1	11/06/2025 12:40	WG2634696
1,4-Naphthoquinone	1.47	OU	1.47	50.0	1	11/06/2025 12:40	WG2634696
1-Naphthylamine	3.41	U	3.41	10.0	1	11/06/2025 12:40	WG2634696
2-Naphthylamine	3.72	U	3.72	10.0	1	11/06/2025 12:40	WG2634696
5-Nitro-o-toluidine	1.61	U	1.61	10.0	1	11/06/2025 12:40	WG2634696
4-Nitroquinoline 1-oxide	2.11	U	2.11	10.0	1	11/11/2025 11:56	WG2634696
n-Nitrosodiethylamine	1.51	U	1.51	10.0	1	11/06/2025 12:40	WG2634696
n-Nitrosodi-n-butylamine	2.30	OU	2.30	10.0	1	11/06/2025 12:40	WG2634696
n-Nitrosomethylethylamine	1.36	U	1.36	10.0	1	11/06/2025 12:40	WG2634696
n-Nitrosomorpholine	1.93	OU	1.93	10.0	1	11/06/2025 12:40	WG2634696
n-Nitrosopiperidine	1.91	OU	1.91	10.0	1	11/11/2025 11:56	WG2634696
n-Nitrosopyrrolidine	1.95	U	1.95	10.0	1	11/06/2025 12:40	WG2634696
Pentachlorobenzene	2.07	OU	2.07	10.0	1	11/06/2025 12:40	WG2634696
Pentachloroethane	2.13	U	2.13	50.0	1	11/06/2025 12:40	WG2634696
Pentachloronitrobenzene	1.10	U	1.10	10.0	1	11/06/2025 12:40	WG2634696
Phenacetin	1.69	U	1.69	10.0	1	11/06/2025 12:40	WG2634696

1 Cp

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B4PN50

SAMPLE RESULTS - 01

Collected date/time: 10/28/25 09:10

L1913110

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
p-Phenylenediamine	43.7	<u>OU</u>	43.7	6900	1	11/06/2025 12:40	WG2634696
Phorate	1.71	<u>U</u>	1.71	50.0	1	11/06/2025 12:40	WG2634696
2-Picoline	1.73	<u>U</u>	1.73	50.0	1	11/06/2025 12:40	WG2634696
Pronamide	1.89	<u>U</u>	1.89	10.0	1	11/06/2025 12:40	WG2634696
Safrole	1.61	<u>OU</u>	1.61	10.0	1	11/06/2025 12:40	WG2634696
Sulfotep	1.33	<u>U</u>	1.33	50.0	1	11/06/2025 12:40	WG2634696
Thionazin	1.75	<u>OU</u>	1.75	10.0	1	11/06/2025 12:40	WG2634696
o-Toluidine	3.46	<u>U</u>	3.46	10.0	1	11/06/2025 12:40	WG2634696
O,O,O-Triethyl Phosphorothioate	2.22	<u>OU</u>	2.22	10.0	1	11/06/2025 12:40	WG2634696
1,3,5-Trinitrobenzene	2.81	<u>U</u>	2.81	10.0	1	11/06/2025 12:40	WG2634696
TOTAL CRESOLS	1.54	<u>U</u>	1.54	10.0	1	11/03/2025 20:01	WG2632090
(S) 2-Fluorophenol	30.5		0.000	19.0-119		11/03/2025 20:01	WG2632090
(S) Phenol-d5	19.1		0.000	10.0-120		11/03/2025 20:01	WG2632090
(S) Nitrobenzene-d5	62.9		0.000	44.0-120		11/03/2025 20:01	WG2632090
(S) 2-Fluorobiphenyl	71.2		0.000	44.0-119		11/03/2025 20:01	WG2632090
(S) 2,4,6-Tribromophenol	73.5		0.000	43.0-140		11/03/2025 20:01	WG2632090
(S) p-Terphenyl-d14	78.5		0.000	50.0-134		11/03/2025 20:01	WG2632090

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WG2632090

QUALITY CONTROL SUMMARY

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

[L1913110-01](#)

Method Blank (MB)

(MB) R4296829-2 11/04/25 19:50

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Diphenylamine	2.02	U	2.02	10.0

1 Cp

2 Tc

3 Ss

Method Blank (MB)

(MB) R4296163-2 11/03/25 17:51

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Acenaphthene	0.246	IC	0.246	1.00
Acenaphthylene	0.265	IC	0.265	1.00
Acetophenone	2.05	IC	2.05	10.0
Aniline	3.51	IC	3.51	10.0
Anthracene	0.196	IC	0.196	1.00
Benzo(a)anthracene	0.208	IC	0.208	1.00
Benzo(b)fluoranthene	0.280	IC	0.280	1.00
Benzo(k)fluoranthene	0.247	IC	0.247	1.00
Benzo(g,h,i)perylene	0.254	IC	0.254	1.00
Benzo(a)pyrene	0.128	IC	0.128	1.00
Benzyl alcohol	2.05	IC	2.05	10.0
Bis(2-chloroethoxy)methane	1.88	IC	1.88	10.0
Bis(2-chloroethyl)ether	2.05	IC	2.05	10.0
2,2-Oxybis(1-Chloropropane)	1.91	IC	1.91	10.0
4-Bromophenyl-phenylether	2.67	IC	2.67	10.0
4-Chloroaniline	5.06	IC	5.06	10.0
2-Chloronaphthalene	0.259	IC	0.259	1.00
4-Chlorophenyl-phenylether	2.22	IC	2.22	10.0
Chrysene	0.279	IC	0.279	1.00
Dibenz(a,h)anthracene	0.148	IC	0.148	1.00
1,2-Dichlorobenzene	2.20	IC	2.20	10.0
1,3-Dichlorobenzene	2.21	IC	2.21	10.0
1,4-Dichlorobenzene	2.23	IC	2.23	10.0
Dibenzofuran	2.51	IC	2.51	10.0
3,3-Dichlorobenzidine	7.58	IC	7.58	10.0
2,4-Dinitrotoluene	1.87	IC	1.87	10.0
2,6-Dinitrotoluene	1.86	IC	1.86	10.0
Diphenylamine	2.02	IC	2.02	10.0
Fluoranthene	0.229	IC	0.229	1.00
Fluorene	0.277	IC	0.277	1.00
Hexachlorobenzene	0.259	IC	0.259	1.00
Hexachloro-1,3-butadiene	2.27	IC	2.27	10.0

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

WG2632090

QUALITY CONTROL SUMMARY

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

[L1913110-01](#)

Method Blank (MB)

(MB) R4296163-2 11/03/25 17:51

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Hexachlorocyclopentadiene	2.81	IC	2.81	10.0
Hexachloroethane	2.15	IC	2.15	10.0
Indeno(1,2,3-cd)pyrene	0.285	IC	0.285	1.00
Isophorone	1.72	IC	1.72	10.0
2-Methylnaphthalene	0.276	IC	0.276	1.00
2-Nitroaniline	2.36	IC	2.36	10.0
3-Nitroaniline	1.20	IC	1.20	10.0
4-Nitroaniline	2.11	IC	2.11	10.0
Naphthalene	0.678	IC	0.678	1.00
Nitrobenzene	1.97	IC	1.97	10.0
n-Nitrosodimethylamine	2.80	IC	2.80	10.0
n-Nitrosodi-n-propylamine	2.02	IC	2.02	10.0
Phenanthrene	0.219	IC	0.219	1.00
Pyridine	1.49	IC	1.49	10.0
Benzylbutyl phthalate	1.13	IC	1.13	3.00
Bis(2-Ethylhexyl)phthalate	1.65	IC	1.65	3.00
Di-n-butyl phthalate	0.794	IC	0.794	3.00
Diethyl phthalate	0.861	IC	0.861	3.00
Dimethyl phthalate	0.772	IC	0.772	3.00
Di-n-octyl phthalate	1.33	IC	1.33	3.00
Pyrene	0.259	IC	0.259	1.00
1,2,4,5-Tetrachlorobenzene	2.43	IC	2.43	10.0
1,2,4-Trichlorobenzene	2.30	IC	2.30	10.0
4-Chloro-3-methylphenol	2.28	IC	2.28	10.0
2-Chlorophenol	2.11	IC	2.11	10.0
2,4-Dichlorophenol	2.41	IC	2.41	10.0
2,4-Dimethylphenol	4.33	IC	4.33	10.0
4,6-Dinitro-2-methylphenol	3.49	IC	3.49	10.0
2,4-Dinitrophenol	5.71	IC	5.71	10.0
2-Methylphenol	1.70	IC	1.70	10.0
3&4-Methyl Phenol	1.54	IC	1.54	10.0
2-Nitrophenol	2.60	IC	2.60	10.0
4-Nitrophenol	7.55	IC	7.55	10.0
Pentachlorophenol	0.708	IC	0.708	10.0
Phenol	0.757	IC	0.757	10.0
2,3,4,6-Tetrachlorophenol	3.25	IC	3.25	10.0
2,4,5-Trichlorophenol	2.70	IC	2.70	10.0
2,4,6-Trichlorophenol	2.38	IC	2.38	10.0
Carbazole	2.11	IC	2.11	10.0
TOTAL CRESOLS	1.54	IC	1.54	10.0

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

WG2632090

QUALITY CONTROL SUMMARY

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

[L1913110-01](#)

Method Blank (MB)

(MB) R4296163-2 11/03/25 17:51

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
(S) 2-Fluorophenol	22.9			19.0-119
(S) Phenol-d5	14.9			10.0-120
(S) Nitrobenzene-d5	51.6			44.0-120
(S) 2-Fluorobiphenyl	54.9			44.0-119
(S) 2,4,6-Tribromophenol	55.0			43.0-140
(S) p-Terphenyl-d14	70.5			50.0-134

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

Laboratory Control Sample (LCS)

(LCS) R4296829-1 11/04/25 19:33

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Diphenylamine	50.0	29.8	59.6	55.0-111	

6 Qc

7 Gl

Laboratory Control Sample (LCS)

(LCS) R4296163-1 11/03/25 17:29

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Acenaphthene	50.0	33.2	66.4	47.0-122	
Acenaphthylene	50.0	35.3	70.6	41.0-130	
Acetophenone	50.0	33.0	66.0	46.0-118	
Aniline	50.0	20.2	40.4	13.0-120	
Anthracene	50.0	38.9	77.8	57.0-123	
Benzo(a)anthracene	50.0	38.4	76.8	58.0-125	
Benzo(b)fluoranthene	50.0	39.1	78.2	53.0-131	
Benzo(k)fluoranthene	50.0	40.9	81.8	57.0-129	
Benzo(g,h,i)perylene	50.0	34.7	69.4	50.0-134	
Benzo(a)pyrene	50.0	38.7	77.4	54.0-128	
Benzyl alcohol	50.0	27.5	55.0	31.0-112	
Bis(2-chloroethoxy)methane	50.0	28.6	57.2	48.0-120	
Bis(2-chloroethyl)ether	50.0	30.2	60.4	43.0-118	
2,2-Oxybis(1-Chloropropane)	50.0	29.8	59.6	28.0-120	
4-Bromophenyl-phenylether	50.0	37.5	75.0	55.0-124	
4-Chloroaniline	50.0	31.1	62.2	33.0-117	
2-Chloronaphthalene	50.0	30.9	61.8	40.0-116	
4-Chlorophenyl-phenylether	50.0	38.5	77.0	53.0-121	
Chrysene	50.0	39.7	79.4	59.0-123	
Dibenz(a,h)anthracene	50.0	37.7	75.4	51.0-134	

8 Al

9 Sc

WG2632090

QUALITY CONTROL SUMMARY

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

[L1913110-01](#)

Laboratory Control Sample (LCS)

(LCS) R4296163-1 11/03/25 17:29

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
1,2-Dichlorobenzene	50.0	27.1	54.2	32.0-111	
1,3-Dichlorobenzene	50.0	25.2	50.4	28.0-110	
1,4-Dichlorobenzene	50.0	25.9	51.8	29.0-112	
Dibenzofuran	50.0	37.4	74.8	53.0-118	
3,3-Dichlorobenzidine	100	78.2	78.2	27.0-129	
2,4-Dinitrotoluene	50.0	41.9	83.8	57.0-128	
2,6-Dinitrotoluene	50.0	39.1	78.2	57.0-124	
Diphenylamine	50.0	31.2	62.4	55.0-111	
Fluoranthene	50.0	49.1	98.2	57.0-128	
Fluorene	50.0	40.1	80.2	52.0-124	
Hexachlorobenzene	50.0	37.7	75.4	53.0-125	
Hexachloro-1,3-butadiene	50.0	24.2	48.4	22.0-124	
Hexachlorocyclopentadiene	50.0	13.9	27.8	15.0-120	
Hexachloroethane	50.0	22.2	44.4	21.0-115	
Indeno(1,2,3-cd)pyrene	50.0	32.6	65.2	52.0-134	
Isophorone	50.0	30.1	60.2	42.0-124	
2-Methylnaphthalene	50.0	30.5	61.0	40.0-121	
2-Nitroaniline	50.0	40.0	80.0	55.0-127	
3-Nitroaniline	50.0	42.9	85.8	41.0-128	
4-Nitroaniline	50.0	46.2	92.4	18.0-160	
Naphthalene	50.0	27.0	54.0	40.0-121	
Nitrobenzene	50.0	25.0	50.0	45.0-121	
n-Nitrosodimethylamine	50.0	16.9	33.8	10.0-120	
n-Nitrosodi-n-propylamine	50.0	33.3	66.6	49.0-119	
Phenanthrene	50.0	38.9	77.8	59.0-120	
Pyridine	50.0	7.68	15.4	10.0-120	J
Benzylbutyl phthalate	50.0	34.3	68.6	53.0-134	
Bis(2-Ethylhexyl)phthalate	50.0	33.2	66.4	55.0-135	
Di-n-butyl phthalate	50.0	43.6	87.2	59.0-127	
Diethyl phthalate	50.0	47.7	95.4	56.0-125	
Dimethyl phthalate	50.0	43.7	87.4	45.0-127	
Di-n-octyl phthalate	50.0	34.8	69.6	51.0-140	
Pyrene	50.0	37.5	75.0	57.0-126	
1,2,4,5-Tetrachlorobenzene	50.0	34.9	69.8	35.0-121	
1,2,4-Trichlorobenzene	50.0	26.3	52.6	29.0-116	
4-Chloro-3-methylphenol	50.0	38.7	77.4	52.0-119	
2-Chlorophenol	50.0	29.1	58.2	38.0-117	
2,4-Dichlorophenol	50.0	33.0	66.0	47.0-121	
2,4-Dimethylphenol	50.0	35.5	71.0	31.0-124	
4,6-Dinitro-2-methylphenol	50.0	51.4	103	44.0-137	

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

WG2632090

QUALITY CONTROL SUMMARY

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

[L1913110-01](#)

Laboratory Control Sample (LCS)

(LCS) R4296163-1 11/03/25 17:29

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
2,4-Dinitrophenol	50.0	55.6	111	23.0-143	
2-Methylphenol	50.0	24.9	49.8	30.0-117	
3&4-Methyl Phenol	50.0	26.7	53.4	29.0-110	
2-Nitrophenol	50.0	32.1	64.2	47.0-123	
4-Nitrophenol	50.0	14.7	29.4	10.0-120	
Pentachlorophenol	50.0	42.7	85.4	35.0-138	
Phenol	50.0	10.2	20.4	10.0-120	
2,3,4,6-Tetrachlorophenol	50.0	52.4	105	50.0-128	
2,4,5-Trichlorophenol	50.0	37.6	75.2	53.0-123	
2,4,6-Trichlorophenol	50.0	38.2	76.4	50.0-125	
Carbazole	50.0	46.2	92.4	60.0-122	
(S) 2-Fluorophenol			33.1	19.0-119	
(S) Phenol-d5			21.8	10.0-120	
(S) Nitrobenzene-d5			56.7	44.0-120	
(S) 2-Fluorobiphenyl			72.0	44.0-119	
(S) 2,4,6-Tribromophenol			93.5	43.0-140	
(S) p-Terphenyl-d14			85.4	50.0-134	

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

L1913110-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1913110-01 11/03/25 20:01 • (MS) R4296163-3 11/03/25 20:23 • (MSD) R4296163-4 11/03/25 20:45

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Acenaphthene	50.0	0.246	31.2	31.2	62.4	62.4	1	47.0-122			0.000	30
Acenaphthylene	50.0	0.265	32.9	33.2	65.8	66.4	1	41.0-130			0.908	30
Acetophenone	50.0	2.05	30.8	31.0	61.6	62.0	1	46.0-118			0.647	30
Aniline	50.0	3.51	24.4	23.9	48.8	47.8	1	13.0-120			2.07	30
Anthracene	50.0	0.196	35.5	36.0	71.0	72.0	1	57.0-123			1.40	30
Benzo(a)anthracene	50.0	0.208	33.0	34.3	66.0	68.6	1	58.0-125			3.86	30
Benzo(b)fluoranthene	50.0	0.280	32.4	34.6	64.8	69.2	1	53.0-131			6.57	30
Benzo(k)fluoranthene	50.0	0.247	33.7	35.4	67.4	70.8	1	57.0-129			4.92	30
Benzo(g,h,i)perylene	50.0	0.254	28.0	29.3	56.0	58.6	1	50.0-134			4.54	30
Benzo(a)pyrene	50.0	0.128	33.8	34.6	67.6	69.2	1	54.0-128			2.34	30
Benzyl alcohol	50.0	2.05	24.6	26.6	49.2	53.2	1	31.0-112			7.81	30
Bis(2-chloroethoxy)methane	50.0	1.88	26.6	27.0	53.2	54.0	1	48.0-120			1.49	30
Bis(2-chloroethyl)ether	50.0	2.05	28.5	28.2	57.0	56.4	1	43.0-118			1.06	30
2,2-Oxybis(1-Chloropropane)	50.0	1.91	28.7	28.5	57.4	57.0	1	28.0-120			0.699	30
4-Bromophenyl-phenylether	50.0	2.67	34.4	34.8	68.8	69.6	1	55.0-124			1.16	30
4-Chloroaniline	50.0	5.06	27.6	28.3	55.2	56.6	1	33.0-117			2.50	30

WG2632090

QUALITY CONTROL SUMMARY

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

[L1913110-01](#)

L1913110-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1913110-01 11/03/25 20:01 • (MS) R4296163-3 11/03/25 20:23 • (MSD) R4296163-4 11/03/25 20:45

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
2-Chloronaphthalene	50.0	0.259	29.3	29.1	58.6	58.2	1	40.0-116			0.685	30
4-Chlorophenyl-phenylether	50.0	2.22	34.9	35.9	69.8	71.8	1	53.0-121			2.82	30
Chrysene	50.0	0.279	34.6	36.2	69.2	72.4	1	59.0-123			4.52	30
Dibenz(a,h)anthracene	50.0	0.148	30.3	32.7	60.6	65.4	1	51.0-134			7.62	30
1,2-Dichlorobenzene	50.0	2.20	25.6	24.6	51.2	49.2	1	32.0-111			3.98	30
1,3-Dichlorobenzene	50.0	2.21	24.8	22.8	49.6	45.6	1	28.0-110			8.40	30
1,4-Dichlorobenzene	50.0	2.23	25.0	23.8	50.0	47.6	1	29.0-112			4.92	30
Dibenzofuran	50.0	2.51	34.3	35.1	68.6	70.2	1	53.0-118			2.31	30
3,3-Dichlorobenzidine	100	7.58	80.9	77.0	80.9	77.0	1	27.0-129			4.94	30
2,4-Dinitrotoluene	50.0	1.87	37.8	39.5	75.6	79.0	1	57.0-128			4.40	30
2,6-Dinitrotoluene	50.0	1.86	36.2	37.1	72.4	74.2	1	57.0-124			2.46	30
Diphenylamine	50.0	2.02	31.4	30.5	62.8	61.0	1	55.0-111			2.91	30
Fluoranthene	50.0	0.229	43.5	45.0	87.0	90.0	1	57.0-128			3.39	30
Fluorene	50.0	0.277	36.5	37.8	73.0	75.6	1	52.0-124			3.50	30
Hexachlorobenzene	50.0	0.259	34.9	35.5	69.8	71.0	1	53.0-125			1.70	30
Hexachloro-1,3-butadiene	50.0	2.27	22.2	21.7	44.4	43.4	1	22.0-124			2.28	30
Hexachlorocyclopentadiene	50.0	2.81	9.62	9.32	19.2	18.6	1	15.0-120	U	U	3.17	30
Hexachloroethane	50.0	2.15	21.7	20.1	43.4	40.2	1	21.0-115			7.66	30
Indeno(1,2,3-cd)pyrene	50.0	0.285	26.5	27.6	53.0	55.2	1	52.0-134			4.07	30
Isophorone	50.0	1.72	28.5	28.9	57.0	57.8	1	42.0-124			1.39	30
2-Methylnaphthalene	50.0	0.276	29.7	29.0	59.4	58.0	1	40.0-121			2.39	30
2-Nitroaniline	50.0	2.36	37.2	38.8	74.4	77.6	1	55.0-127			4.21	30
3-Nitroaniline	50.0	1.20	39.4	40.7	78.8	81.4	1	41.0-128			3.25	30
4-Nitroaniline	50.0	2.11	41.9	43.5	83.8	87.0	1	18.0-160			3.75	30
Naphthalene	50.0	0.678	26.9	25.3	53.8	50.6	1	40.0-121			6.13	30
Nitrobenzene	50.0	1.97	24.4	24.2	48.8	48.4	1	45.0-121			0.823	30
n-Nitrosodimethylamine	50.0	2.80	15.2	15.7	30.4	31.4	1	10.0-120			3.24	30
n-Nitrosodi-n-propylamine	50.0	2.02	31.4	31.4	62.8	62.8	1	49.0-119			0.000	30
Phenanthrene	50.0	0.219	36.3	36.6	72.6	73.2	1	59.0-120			0.823	30
Pyridine	50.0	1.49	14.6	11.4	29.2	22.8	1	10.0-120			24.6	30
Benzylbutyl phthalate	50.0	1.13	29.7	31.4	59.4	62.8	1	53.0-134			5.56	30
Bis(2-Ethylhexyl)phthalate	50.0	1.65	27.5	28.0	55.0	56.0	1	55.0-135			1.80	30
Di-n-butyl phthalate	50.0	0.794	38.8	40.8	77.6	81.6	1	59.0-127			5.03	30
Diethyl phthalate	50.0	0.861	41.9	44.4	83.8	88.8	1	56.0-125			5.79	30
Dimethyl phthalate	50.0	0.772	39.3	41.2	78.6	82.4	1	45.0-127			4.72	30
Di-n-octyl phthalate	50.0	1.33	27.8	29.0	55.6	58.0	1	51.0-140			4.23	30
Pyrene	50.0	0.259	33.0	33.9	66.0	67.8	1	57.0-126			2.69	30
1,2,4,5-Tetrachlorobenzene	50.0	2.43	33.5	33.0	67.0	66.0	1	35.0-121			1.50	30
1,2,4-Trichlorobenzene	50.0	2.30	25.4	23.7	50.8	47.4	1	29.0-116			6.92	30
4-Chloro-3-methylphenol	50.0	2.28	35.9	35.3	71.8	70.6	1	52.0-119			1.69	30

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

WG2632090

QUALITY CONTROL SUMMARY

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

[L1913110-01](#)

L1913110-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1913110-01 11/03/25 20:01 • (MS) R4296163-3 11/03/25 20:23 • (MSD) R4296163-4 11/03/25 20:45

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
2-Chlorophenol	50.0	2.11	27.3	26.8	54.6	53.6	1	38.0-117			1.85	30
2,4-Dichlorophenol	50.0	2.41	31.9	31.1	63.8	62.2	1	47.0-121			2.54	30
2,4-Dimethylphenol	50.0	4.33	33.8	33.0	67.6	66.0	1	31.0-124			2.40	30
4,6-Dinitro-2-methylphenol	50.0	3.49	45.1	48.2	90.2	96.4	1	44.0-137			6.65	30
2,4-Dinitrophenol	50.0	5.71	51.6	51.8	103	104	1	23.0-143			0.387	30
2-Methylphenol	50.0	1.70	22.8	22.6	45.6	45.2	1	30.0-117			0.881	30
3&4-Methyl Phenol	50.0	1.54	24.3	24.9	48.6	49.8	1	29.0-110			2.44	30
2-Nitrophenol	50.0	2.60	30.8	30.4	61.6	60.8	1	47.0-123			1.31	30
4-Nitrophenol	50.0	7.55	14.4	14.8	28.8	29.6	1	10.0-120			2.74	30
Pentachlorophenol	50.0	0.708	39.8	41.8	79.6	83.6	1	35.0-138			4.90	30
Phenol	50.0	0.757	9.55	9.90	19.1	19.8	1	10.0-120	↓	↓	3.60	30
2,3,4,6-Tetrachlorophenol	50.0	3.25	48.3	49.4	96.6	98.8	1	50.0-128			2.25	30
2,4,5-Trichlorophenol	50.0	2.70	36.4	36.0	72.8	72.0	1	53.0-123			1.10	30
2,4,6-Trichlorophenol	50.0	2.38	34.4	34.8	68.8	69.6	1	50.0-125			1.16	30
Carbazole	50.0	2.11	41.3	42.0	82.6	84.0	1	60.0-122			1.68	30
(S) 2-Fluorophenol					29.3	31.4		19.0-119				
(S) Phenol-d5					19.0	19.5		10.0-120				
(S) Nitrobenzene-d5					53.4	52.5		44.0-120				
(S) 2-Fluorobiphenyl					65.1	66.1		44.0-119				
(S) 2,4,6-Tribromophenol					78.5	84.5		43.0-140				
(S) p-Terphenyl-d14					69.5	74.2		50.0-134				

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

WG2634696

QUALITY CONTROL SUMMARY

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

[L1913110-01](#)

Method Blank (MB)

(MB) R4297575-2 11/06/25 12:23

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Aramite	1.47	IC	1.47	50.0
2-Acetylaminofluorene	1.15	IC	1.15	10.0
4-Aminobiphenyl	2.39	IC	2.39	10.0
Chlorobenzilate	1.10	IC	1.10	50.0
Diallate	0.524	IC	0.524	10.0
2,6-Dichlorophenol	1.59	IC	1.59	10.0
Dimethoate	2.29	IC	2.29	50.0
P-(Dimethylamino) Azobenzene	1.40	IC	1.40	10.0
Dimethylbenz (A) Anthracene	1.50	IC	1.50	10.0
3,3-Dimethylbenzidine	1.04	IC	1.04	10.0
a,a-Dimethylphenethylamine	2.20	IC	2.20	50.0
1,3-Dinitrobenzene	1.42	IC	1.42	10.0
Dinoseb	1.02	IC	1.02	50.0
Disulfoton	2.09	IC	2.09	10.0
Ethyl methanesulfonate	1.82	IC	1.82	10.0
Ethyl Parathion	1.59	IC	1.59	10.0
Famphur	1.52	IC	1.52	20.0
Hexachloropropene	2.12	IC	2.12	50.0
Hexachlorophene	6.13	IC	6.13	50.0
Isodrin	1.96	IC	1.96	10.0
Isosafrole	1.89	IC	1.89	10.0
Kepone	1.89	IC	1.89	20.0
Methapyrilene	2.02	IC	2.02	50.0
3-Methylcholanthrene	1.41	IC	1.41	10.0
Methyl methanesulfonate	1.38	IC	1.38	50.0
Methyl parathion	2.06	IC	2.06	10.0
1,4-Naphthoquinone	1.47	IC	1.47	50.0
1-Naphthylamine	3.41	IC	3.41	10.0
2-Naphthylamine	3.72	IC	3.72	10.0
5-Nitro-o-toluidine	1.61	IC	1.61	10.0
4-Nitroquinoline 1-oxide	2.11	IC	2.11	10.0
n-Nitrosodiethylamine	1.51	IC	1.51	10.0
n-Nitrosodi-n-butylamine	2.30	IC	2.30	10.0
n-Nitrosomethylethylamine	1.36	IC	1.36	10.0
n-Nitrosomorpholine	1.93	IC	1.93	10.0
n-Nitrosopiperidine	1.91	IC	1.91	10.0
n-Nitrosopyrrolidine	1.95	IC	1.95	10.0
Pentachlorobenzene	2.07	IC	2.07	10.0
Pentachloroethane	2.13	IC	2.13	50.0
Pentachloronitrobenzene	1.10	IC	1.10	10.0

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

WG2634696

QUALITY CONTROL SUMMARY

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

[L1913110-01](#)

Method Blank (MB)

(MB) R4297575-2 11/06/25 12:23

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Phenacetin	1.69	U	1.69	10.0
p-Phenylenediamine	43.7	U	43.7	6900
Phorate	1.71	U	1.71	50.0
2-Picoline	1.73	U	1.73	50.0
Pronamide	1.89	U	1.89	10.0
Safrole	1.61	U	1.61	10.0
Sulfotep	1.33	U	1.33	50.0
Thionazin	1.75	U	1.75	10.0
o-Toluidine	3.46	U	3.46	10.0
O,O,O-Triethyl Phosphorothioate	2.22	U	2.22	10.0
1,3,5-Trinitrobenzene	2.81	U	2.81	10.0

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Laboratory Control Sample (LCS)

(LCS) R4297575-1 11/06/25 12:06

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Aramite	50.0	29.9	59.8	34.0-132	U
2-Acetylaminofluorene	50.0	38.9	77.8	60.0-138	
4-Aminobiphenyl	50.0	27.7	55.4	20.0-120	
Chlorobenzilate	50.0	42.6	85.2	58.0-150	U
Diallate	50.0	30.3	60.6	67.0-124	U O
2,6-Dichlorophenol	50.0	27.0	54.0	50.0-118	
Dimethoate	50.0	33.7	67.4	11.0-134	U O
P-(Dimethylamino) Azobenzene	50.0	26.8	53.6	62.0-132	U O
Dimethylbenz (A) Anthracene	50.0	18.0	36.0	14.0-124	
3,3-Dimethylbenzidine	50.0	14.2	28.4	13.0-120	
a,a-Dimethylphenethylamine	50.0	2.20	0.000	10.0-129	U O
1,3-Dinitrobenzene	50.0	32.8	65.6	49.0-128	
Dinoseb	50.0	44.1	88.2	61.0-126	U
Disulfoton	50.0	29.8	59.6	55.0-130	
Ethyl methanesulfonate	50.0	24.7	49.4	62.0-118	U O
Ethyl Parathion	50.0	37.5	75.0	46.0-130	
Famphur	50.0	34.1	68.2	32.0-120	
Hexachloropropene	50.0	20.9	41.8	10.0-120	U
Hexachlorophene	100	6.38	6.38	10.0-120	U O
Isodrin	50.0	26.7	53.4	68.0-128	U O
Isosafrole	50.0	28.2	56.4	56.0-126	
Kepone	50.0	7.46	14.9	10.0-120	U

WG2634696

QUALITY CONTROL SUMMARY

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

[L1913110-01](#)

Laboratory Control Sample (LCS)

(LCS) R4297575-1 11/06/25 12:06

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Methapyrilene	50.0	9.18	18.4	10.0-120	J
3-Methylcholanthrene	50.0	32.1	64.2	56.0-133	
Methyl methanesulfonate	50.0	17.3	34.6	33.0-107	J
Methyl parathion	50.0	39.5	79.0	45.0-159	
1,4-Naphthoquinone	50.0	1.47	0.000	50.0-150	OU
1-Naphthylamine	50.0	22.9	45.8	24.0-124	
2-Naphthylamine	50.0	14.0	28.0	10.0-120	
5-Nitro-o-toluidine	50.0	35.9	71.8	38.0-126	
4-Nitroquinoline 1-oxide	50.0	35.9	71.8	10.0-159	
n-Nitrosodiethylamine	50.0	24.0	48.0	43.0-121	
n-Nitrosodi-n-butylamine	50.0	28.8	57.6	60.0-121	O
n-Nitrosomethylethylamine	50.0	24.7	49.4	41.0-117	
n-Nitrosomorpholine	50.0	21.6	43.2	55.0-117	O
n-Nitrosopiperidine	50.0	22.2	44.4	56.0-121	O
n-Nitrosopyrrolidine	50.0	26.5	53.0	48.0-113	
Pentachlorobenzene	50.0	28.4	56.8	59.0-123	O
Pentachloroethane	50.0	22.2	44.4	30.0-92.0	J
Pentachloronitrobenzene	50.0	31.6	63.2	54.0-135	
Phenacetin	50.0	36.2	72.4	71.0-124	
p-Phenylenediamine	50.0	43.7	0.000	50.0-150	OU
Phorate	50.0	32.9	65.8	38.0-139	J
2-Picoline	50.0	22.1	44.2	34.0-109	J
Pronamide	50.0	37.4	74.8	65.0-129	
Safrole	50.0	28.7	57.4	61.0-119	O
Sulfotep	50.0	32.5	65.0	61.0-133	J
Thionazin	50.0	30.7	61.4	72.0-132	O
o-Toluidine	50.0	26.5	53.0	30.0-110	
O,O,O-Triethyl Phosphorothioate	50.0	30.3	60.6	66.0-119	O
1,3,5-Trinitrobenzene	50.0	38.6	77.2	41.0-137	

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

MDL	Method Detection Limit.
RDL	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.
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

J	Estimated value; (1) constituent detected at a level less than the RDL or PQL and greater than or equal to the MDL, (2) estimated concentration for tentatively identified compounds (TICs).
O	Laboratory Control Sample (LCS) recoveries and/or concentration(s) were detected outside control limits.
U	Non-detect.

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

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	LA000356
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 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

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.

Central Plateau Cleanup Company		CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST				C.O.C. # W26-010-408		
						PAGE 1 OF 1		
Collector: Rick Crabtree/CPCCo		Contact/Requester: Karen Waters-Husted		Telephone No.: 509-376-4650				
SAF No.: W26-010		Sampling Origin: Hanford Site		Purchase Order/Charge Code: 901852				
Project Title: RCRA, October 2025		Logbook No.: HNF-N-506-149		Ice Chest No.: CWS-238				
Shipped To (Lab): Pace Analytical National		Method of Shipment: Commercial Carrier		Bill of Lading/Air Bill No.: 885583728106				
Protocol: RCRA		Priority: 30 Days		Offsite Property No.: N/A				
POSSIBLE SAMPLE HAZARDS/REMARKS *** Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR / IATA Dangerous Goods Regulations but are not releasable per DOE Order 458.1				SPECIAL INSTRUCTIONS N/A				
				L1913110				
Sample No.	Filter	*	Date	Time	No./Type Container	Sample Analysis	Holding Time	Preservation
B4PN50	N	W	OCT 28 2025	0910	1x1-L aG	8270_SVOA_GCMS_IX: COMMON REV 1	7/40 Days	Cool <=6C -0

TC191-740-1.7 8855 8372 8100

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

F078

Relinquished By			Received By			Matrix *	
Print First and Last Name	Signature	Date/Time	Print First and Last Name	Signature	Date/Time		
Rick Crabtree/CPCCo	<i>[Signature]</i>	OCT 28 2025 0927	Mike Esparza / CPCC	<i>[Signature]</i>	OCT 28 2025 0927	S = Soil	DS = Drum Solids
Mike Esparza / CPCC	<i>[Signature]</i>	OCT 28 2025 0950	SSU-1	<i>[Signature]</i>	OCT 28 2025 0950	SE = Sediment	DL = Drum Liquids
SSU-1	<i>[Signature]</i>	OCT 29 2025 0700	Mike Esparza / CPCC	<i>[Signature]</i>	OCT 29 2025 0700	SO = Solid	T = Tissue
Mike Esparza / CPCC	<i>[Signature]</i>	OCT 29 2025 1400	FEDEX	<i>[Signature]</i>	10/30/25 8:30	SL = Sludge	WI = Wipe
						W = Water	L = Liquid
						O = Oil	V = Vegetation
						A = Air	X = Other

FINAL SAMPLE DISPOSITION Disposal Method (e.g., Return to customer, per lab procedure, used in process): Disposed By: Date/Time: