



ANALYTICAL REPORT

March 30, 2026

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

Central Plateau Cleanup Company

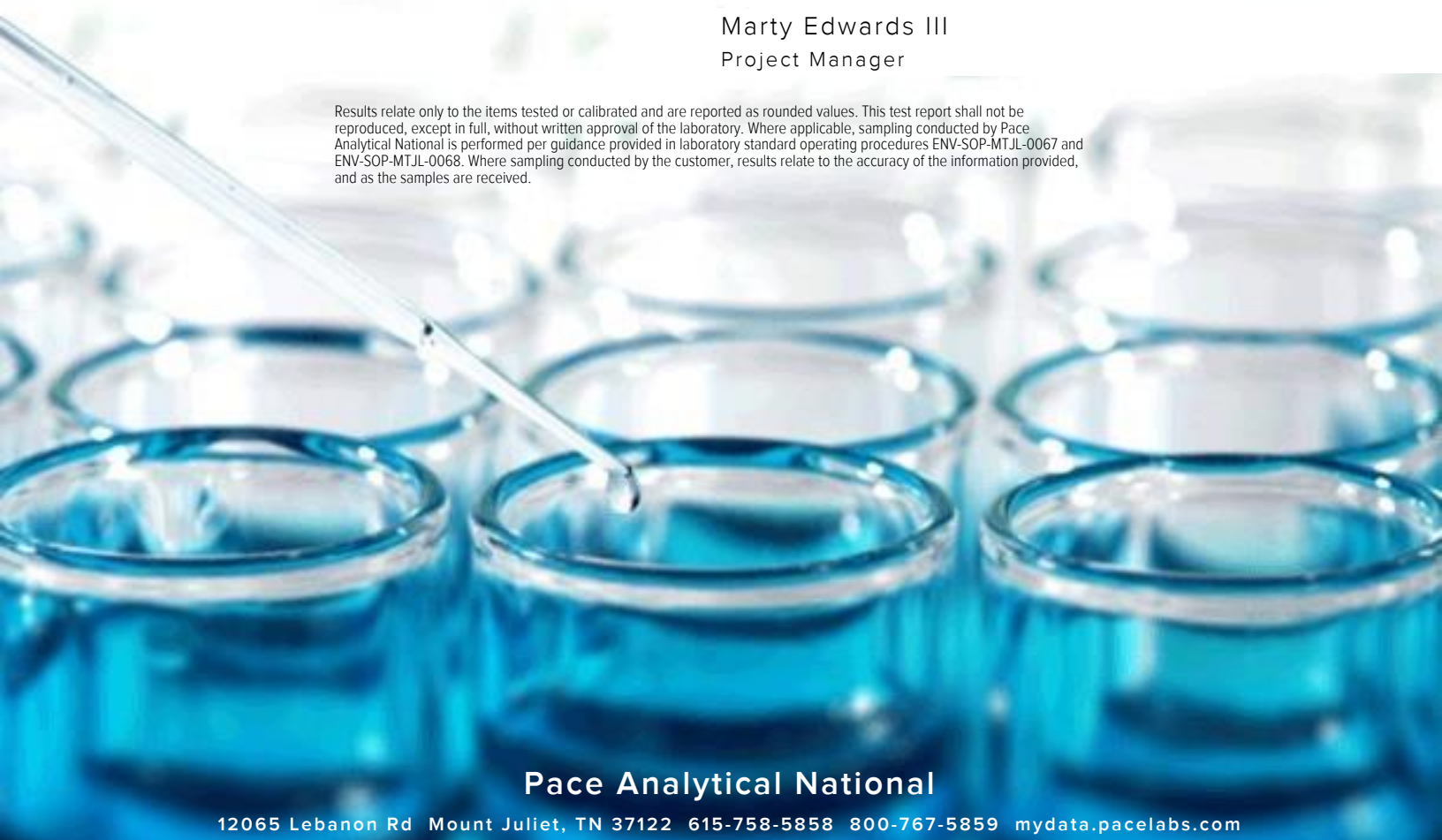
Sample Delivery Group: L1940662
 Samples Received: 02/04/2026
 Project Number: W26-002
 Description: RCRA, February 2026

Report To: Heather Medley
 2620 Fermi Ave.
 Richland, WA 99354

Entire Report Reviewed By:

Marty Edwards III
Project Manager

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Pace Analytical National

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SAMPLE SUMMARY

B4RM54 L1940662-01

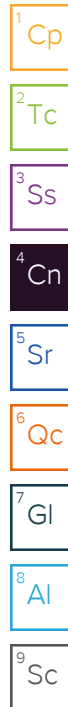
Collected by: Scott Harder
 Collected date/time: 02/03/26 08:33
 Received date/time: 02/04/26 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2686454	1	02/04/26 16:48	02/05/26 19:49	JDJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2686454	1	02/04/26 16:48	02/05/26 19:49	VDR	Mt. Juliet, TN

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

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



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 WG2686454: a,a-Dimethylphenethylamine(0%), p-Phenylenediamine(0%), 1,4-Naphthoquinone, 2-Naphthylamine(0%), Diphenylamine(0%) and Methapyrilene(0%) are reporting with critically low recovery in the laboratory control sample(s). These compounds are a method defined poor performer. Results are estimated.

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
WG2686454	8270E	L1940662-01

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. Method sensitivity check is acceptable.

Batch	Lab Sample ID	Analytes
WG2686454	L1940662-01	3-Methylcholanthrene, Dimethylbenz (A) Anthracene and Hexachlorophene

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

Batch	Lab Sample ID	Analytes
WG2686454	L1940662-01	Famphur and Kepone

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

Batch	Lab Sample ID	Analytes
WG2686454	(LCS) R4332982-1, L1940662-01	1,4-Naphthoquinone, 2-Naphthylamine, 2-Picoline, 3,3-Dimethylbenzidine, a,a-Dimethylphenethylamine, Diphenylamine, Methapyrilene, O,O,O-Triethyl Phosphorothioate, Phorate and p-Phenylenediamine

Collected date/time: 02/03/26 08:33

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	C	0.246	1.00	1	02/05/2026 19:49	WG2686454
Acenaphthylene	0.265	C	0.265	1.00	1	02/05/2026 19:49	WG2686454
Acetophenone	2.05	C	2.05	10.0	1	02/05/2026 19:49	WG2686454
Aniline	3.51	C	3.51	10.0	1	02/05/2026 19:49	WG2686454
Anthracene	0.196	C	0.196	1.00	1	02/05/2026 19:49	WG2686454
Benzo(a)anthracene	0.208	C	0.208	1.00	1	02/05/2026 19:49	WG2686454
Benzo(b)fluoranthene	0.280	C	0.280	1.00	1	02/05/2026 19:49	WG2686454
Benzo(k)fluoranthene	0.247	C	0.247	1.00	1	02/05/2026 19:49	WG2686454
Benzo(g,h,i)perylene	0.254	C	0.254	1.00	1	02/05/2026 19:49	WG2686454
Benzo(a)pyrene	0.128	C	0.128	1.00	1	02/05/2026 19:49	WG2686454
Benzyl alcohol	2.05	C	2.05	10.0	1	02/05/2026 19:49	WG2686454
Bis(2-chloroethoxy)methane	1.88	C	1.88	10.0	1	02/05/2026 19:49	WG2686454
Bis(2-chloroethyl)ether	2.05	C	2.05	10.0	1	02/05/2026 19:49	WG2686454
2,2-Oxybis(1-Chloropropane)	1.91	C	1.91	10.0	1	02/05/2026 19:49	WG2686454
4-Bromophenyl-phenylether	2.67	C	2.67	10.0	1	02/05/2026 19:49	WG2686454
4-Chloroaniline	5.06	C	5.06	10.0	1	02/05/2026 19:49	WG2686454
2-Chloronaphthalene	0.259	C	0.259	1.00	1	02/05/2026 19:49	WG2686454
4-Chlorophenyl-phenylether	2.22	C	2.22	10.0	1	02/05/2026 19:49	WG2686454
Chrysene	0.279	C	0.279	1.00	1	02/05/2026 19:49	WG2686454
Dibenz(a,h)anthracene	0.148	C	0.148	1.00	1	02/05/2026 19:49	WG2686454
1,2-Dichlorobenzene	2.20	C	2.20	10.0	1	02/05/2026 19:49	WG2686454
1,3-Dichlorobenzene	2.21	C	2.21	10.0	1	02/05/2026 19:49	WG2686454
1,4-Dichlorobenzene	2.23	C	2.23	10.0	1	02/05/2026 19:49	WG2686454
Dibenzofuran	2.51	C	2.51	10.0	1	02/05/2026 19:49	WG2686454
3,3-Dichlorobenzidine	7.58	C	7.58	10.0	1	02/05/2026 19:49	WG2686454
2,4-Dinitrotoluene	1.87	C	1.87	10.0	1	02/05/2026 19:49	WG2686454
2,6-Dinitrotoluene	1.86	C	1.86	10.0	1	02/05/2026 19:49	WG2686454
Diphenylamine	2.02	C	2.02	10.0	1	02/05/2026 19:49	WG2686454
Fluoranthene	0.229	C	0.229	1.00	1	02/05/2026 19:49	WG2686454
Fluorene	0.277	C	0.277	1.00	1	02/05/2026 19:49	WG2686454
Hexachlorobenzene	0.259	C	0.259	1.00	1	02/05/2026 19:49	WG2686454
Hexachloro-1,3-butadiene	2.27	C	2.27	10.0	1	02/05/2026 19:49	WG2686454
Hexachlorocyclopentadiene	2.81	C	2.81	10.0	1	02/05/2026 19:49	WG2686454
Hexachloroethane	2.15	C	2.15	10.0	1	02/05/2026 19:49	WG2686454
Indeno(1,2,3-cd)pyrene	0.285	C	0.285	1.00	1	02/05/2026 19:49	WG2686454
Isophorone	1.72	C	1.72	10.0	1	02/05/2026 19:49	WG2686454
2-Methylnaphthalene	0.276	C	0.276	1.00	1	02/05/2026 19:49	WG2686454
2-Nitroaniline	2.36	C	2.36	10.0	1	02/05/2026 19:49	WG2686454
3-Nitroaniline	1.20	C	1.20	10.0	1	02/05/2026 19:49	WG2686454
4-Nitroaniline	2.11	C	2.11	10.0	1	02/05/2026 19:49	WG2686454
Naphthalene	0.678	C	0.678	1.00	1	02/05/2026 19:49	WG2686454
Nitrobenzene	1.97	C	1.97	10.0	1	02/05/2026 19:49	WG2686454
n-Nitrosodimethylamine	2.80	C	2.80	10.0	1	02/05/2026 19:49	WG2686454
n-Nitrosodi-n-propylamine	2.02	C	2.02	10.0	1	02/05/2026 19:49	WG2686454
Phenanthrene	0.219	C	0.219	1.00	1	02/05/2026 19:49	WG2686454
Pyridine	1.49	C	1.49	10.0	1	02/05/2026 19:49	WG2686454
Benzylbutyl phthalate	1.13	C	1.13	3.00	1	02/05/2026 19:49	WG2686454
Bis(2-Ethylhexyl)phthalate	1.65	C	1.65	3.00	1	02/05/2026 19:49	WG2686454
Di-n-butyl phthalate	0.794	C	0.794	3.00	1	02/05/2026 19:49	WG2686454
Diethyl phthalate	0.861	C	0.861	3.00	1	02/05/2026 19:49	WG2686454
Dimethyl phthalate	0.772	C	0.772	3.00	1	02/05/2026 19:49	WG2686454
Di-n-octyl phthalate	1.33	C	1.33	3.00	1	02/05/2026 19:49	WG2686454
Pyrene	0.259	C	0.259	1.00	1	02/05/2026 19:49	WG2686454
1,2,4,5-Tetrachlorobenzene	2.43	C	2.43	10.0	1	02/05/2026 19:49	WG2686454
1,2,4-Trichlorobenzene	2.30	C	2.30	10.0	1	02/05/2026 19:49	WG2686454
4-Chloro-3-methylphenol	2.28	C	2.28	10.0	1	02/05/2026 19:49	WG2686454

1 Cp
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Collected date/time: 02/03/26 08:33

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		2.11	10.0	1	02/05/2026 19:49	WG2686454
2,4-Dichlorophenol	2.41		2.41	10.0	1	02/05/2026 19:49	WG2686454
2,4-Dimethylphenol	4.33		4.33	10.0	1	02/05/2026 19:49	WG2686454
4,6-Dinitro-2-methylphenol	3.49		3.49	10.0	1	02/05/2026 19:49	WG2686454
2,4-Dinitrophenol	5.71		5.71	10.0	1	02/05/2026 19:49	WG2686454
2-Methylphenol	1.70		1.70	10.0	1	02/05/2026 19:49	WG2686454
3&4-Methyl Phenol	1.54		1.54	10.0	1	02/05/2026 19:49	WG2686454
2-Nitrophenol	2.60		2.60	10.0	1	02/05/2026 19:49	WG2686454
4-Nitrophenol	7.55		7.55	10.0	1	02/05/2026 19:49	WG2686454
Pentachlorophenol	0.708		0.708	10.0	1	02/05/2026 19:49	WG2686454
Phenol	0.757		0.757	10.0	1	02/05/2026 19:49	WG2686454
2,3,4,6-Tetrachlorophenol	3.25		3.25	10.0	1	02/05/2026 19:49	WG2686454
2,4,5-Trichlorophenol	2.70		2.70	10.0	1	02/05/2026 19:49	WG2686454
2,4,6-Trichlorophenol	2.38		2.38	10.0	1	02/05/2026 19:49	WG2686454
Aramite	1.47		1.47	50.0	1	02/05/2026 19:49	WG2686454
2-Acetylaminofluorene	1.15		1.15	10.0	1	02/05/2026 19:49	WG2686454
4-Aminobiphenyl	2.39		2.39	10.0	1	02/05/2026 19:49	WG2686454
Carbazole	2.11		2.11	10.0	1	02/05/2026 19:49	WG2686454
Chlorobenzilate	1.10		1.10	50.0	1	02/05/2026 19:49	WG2686454
Diallate	0.524		0.524	10.0	1	02/05/2026 19:49	WG2686454
2,6-Dichlorophenol	1.59		1.59	10.0	1	02/05/2026 19:49	WG2686454
Dimethoate	2.29		2.29	50.0	1	02/05/2026 19:49	WG2686454
P-(Dimethylamino) Azobenzene	1.40		1.40	10.0	1	02/05/2026 19:49	WG2686454
Dimethylbenz (A) Anthracene	1.50		1.50	10.0	1	02/05/2026 19:49	WG2686454
3,3-Dimethylbenzidine	1.04		1.04	10.0	1	02/05/2026 19:49	WG2686454
a,a-Dimethylphenethylamine	2.20		2.20	50.0	1	02/05/2026 19:49	WG2686454
1,3-Dinitrobenzene	1.42		1.42	10.0	1	02/05/2026 19:49	WG2686454
Dinoseb	1.02		1.02	50.0	1	02/05/2026 19:49	WG2686454
Disulfoton	2.09		2.09	10.0	1	02/05/2026 19:49	WG2686454
Ethyl methanesulfonate	1.82		1.82	10.0	1	02/05/2026 19:49	WG2686454
Ethyl Parathion	1.59		1.59	10.0	1	02/05/2026 19:49	WG2686454
Famphur	1.52		1.52	20.0	1	02/05/2026 19:49	WG2686454
Hexachloropropene	2.12		2.12	50.0	1	02/05/2026 19:49	WG2686454
Hexachlorophene	6.13		6.13	50.0	1	02/05/2026 19:49	WG2686454
Isodrin	1.96		1.96	10.0	1	02/05/2026 19:49	WG2686454
Isosafrole	1.89		1.89	10.0	1	02/05/2026 19:49	WG2686454
Kepone	1.89		1.89	20.0	1	02/05/2026 19:49	WG2686454
Methapyrilene	2.02		2.02	50.0	1	02/05/2026 19:49	WG2686454
3-Methylcholanthrene	1.41		1.41	10.0	1	02/05/2026 19:49	WG2686454
Methyl methanesulfonate	1.38		1.38	50.0	1	02/05/2026 19:49	WG2686454
Methyl parathion	2.06		2.06	10.0	1	02/05/2026 19:49	WG2686454
1,4-Naphthoquinone	1.47		1.47	50.0	1	02/05/2026 19:49	WG2686454
1-Naphthylamine	3.41		3.41	10.0	1	02/05/2026 19:49	WG2686454
2-Naphthylamine	3.72		3.72	10.0	1	02/05/2026 19:49	WG2686454
5-Nitro-o-toluidine	1.61		1.61	10.0	1	02/05/2026 19:49	WG2686454
4-Nitroquinoline 1-oxide	2.11		2.11	10.0	1	02/05/2026 19:49	WG2686454
n-Nitrosodiethylamine	1.51		1.51	10.0	1	02/05/2026 19:49	WG2686454
n-Nitrosodi-n-butylamine	2.30		2.30	10.0	1	02/05/2026 19:49	WG2686454
n-Nitrosomethylethylamine	1.36		1.36	10.0	1	02/05/2026 19:49	WG2686454
n-Nitrosomorpholine	1.93		1.93	10.0	1	02/05/2026 19:49	WG2686454
n-Nitrosopiperidine	1.91		1.91	10.0	1	02/05/2026 19:49	WG2686454
n-Nitrosopyrrolidine	1.95		1.95	10.0	1	02/05/2026 19:49	WG2686454
Pentachlorobenzene	2.07		2.07	10.0	1	02/05/2026 19:49	WG2686454
Pentachloroethane	2.13		2.13	50.0	1	02/05/2026 19:49	WG2686454
Pentachloronitrobenzene	1.10		1.10	10.0	1	02/05/2026 19:49	WG2686454
Phenacetin	1.69		1.69	10.0	1	02/05/2026 19:49	WG2686454

1 Cp
2 Tc
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Collected date/time: 02/03/26 08:33

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	02/05/2026 19:49	WG2686454
Phorate	1.71	<u>OU</u>	1.71	50.0	1	02/05/2026 19:49	WG2686454
2-Picoline	1.73	<u>OU</u>	1.73	50.0	1	02/05/2026 19:49	WG2686454
Pronamide	1.89	<u>U</u>	1.89	10.0	1	02/05/2026 19:49	WG2686454
Safrole	1.61	<u>U</u>	1.61	10.0	1	02/05/2026 19:49	WG2686454
Sulfotep	1.33	<u>U</u>	1.33	50.0	1	02/05/2026 19:49	WG2686454
Thionazin	1.75	<u>U</u>	1.75	10.0	1	02/05/2026 19:49	WG2686454
o-Toluidine	3.46	<u>U</u>	3.46	10.0	1	02/05/2026 19:49	WG2686454
O,O,O-Triethyl Phosphorothioate	2.22	<u>OU</u>	2.22	10.0	1	02/05/2026 19:49	WG2686454
1,3,5-Trinitrobenzene	2.81	<u>U</u>	2.81	10.0	1	02/05/2026 19:49	WG2686454
TOTAL CRESOLS	1.54	<u>U</u>	1.54	10.0	1	02/05/2026 19:49	WG2686454
(S) 2-Fluorophenol	54.0		0.000	19.0-119		02/05/2026 19:49	WG2686454
(S) Phenol-d5	40.0		0.000	10.0-120		02/05/2026 19:49	WG2686454
(S) Nitrobenzene-d5	87.1		0.000	44.0-120		02/05/2026 19:49	WG2686454
(S) 2-Fluorobiphenyl	70.8		0.000	44.0-119		02/05/2026 19:49	WG2686454
(S) 2,4,6-Tribromophenol	74.5		0.000	43.0-140		02/05/2026 19:49	WG2686454
(S) p-Terphenyl-d14	80.1		0.000	50.0-134		02/05/2026 19:49	WG2686454

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

[L1940662-01](#)

Method Blank (MB)

(MB) R4332982-4 02/05/26 14:58

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

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

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

[L1940662-01](#)

Method Blank (MB)

(MB) R4332982-4 02/05/26 14:58

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Pentachloronitrobenzene	1.10	IC	1.10	10.0
Phenacetin	1.69	IC	1.69	10.0
p-Phenylenediamine	43.7	IC	43.7	6900
Phorate	1.71	IC	1.71	50.0
2-Picoline	1.73	IC	1.73	50.0
Pronamide	1.89	IC	1.89	10.0
Safrole	1.61	IC	1.61	10.0
Sulfotep	1.33	IC	1.33	50.0
Thionazin	1.75	IC	1.75	10.0
o-Toluidine	3.46	IC	3.46	10.0
O,O,O-Triethyl Phosphorothioate	2.22	IC	2.22	10.0
1,3,5-Trinitrobenzene	2.81	IC	2.81	10.0

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Method Blank (MB)

(MB) R4332982-4 02/05/26 14:58

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

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

[L1940662-01](#)

Method Blank (MB)

(MB) R4332982-4 02/05/26 14:58

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
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
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
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

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

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

[L1940662-01](#)

Method Blank (MB)

(MB) R4332982-4 02/05/26 14:58

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
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
(S) 2-Fluorophenol	48.9			19.0-119
(S) Phenol-d5	35.5			10.0-120
(S) Nitrobenzene-d5	84.2			44.0-120
(S) 2-Fluorobiphenyl	70.8			44.0-119
(S) 2,4,6-Tribromophenol	75.0			43.0-140
(S) p-Terphenyl-d14	82.5			50.0-134

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Laboratory Control Sample (LCS)

(LCS) R4332982-1 02/05/26 14:13

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Diphenylamine	50.0	2.02	0.000	55.0-111	OU
Aramite	50.0	41.4	82.8	34.0-132	J
2-Acetylaminofluorene	50.0	42.5	85.0	60.0-138	
4-Aminobiphenyl	50.0	23.5	47.0	20.0-120	
Chlorobenzilate	50.0	45.1	90.2	58.0-150	J
Diallate	50.0	51.7	103	67.0-124	
2,6-Dichlorophenol	50.0	34.9	69.8	50.0-118	
Dimethoate	50.0	48.1	96.2	11.0-134	J
P-(Dimethylamino) Azobenzene	50.0	43.9	87.8	62.0-132	
Dimethylbenz (A) Anthracene	50.0	52.9	106	14.0-124	
3,3-Dimethylbenzidine	50.0	4.29	8.58	13.0-120	JO
a,a-Dimethylphenethylamine	50.0	2.20	0.000	10.0-129	OU
1,3-Dinitrobenzene	50.0	38.6	77.2	49.0-128	
Dinoseb	50.0	38.9	77.8	61.0-126	J
Disulfoton	50.0	47.2	94.4	55.0-130	
Ethyl methanesulfonate	50.0	44.1	88.2	62.0-118	
Ethyl Parathion	50.0	46.9	93.8	46.0-130	

Laboratory Control Sample (LCS)

(LCS) R4332982-1 02/05/26 14:13

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Famphur	50.0	37.9	75.8	32.0-120	
Hexachloropropene	50.0	27.9	55.8	10.0-120	U
Hexachlorophene	100	23.3	23.3	10.0-120	U
Isodrin	50.0	50.9	102	68.0-128	
Isosafrole	50.0	40.9	81.8	56.0-126	
Kepone	50.0	22.5	45.0	10.0-120	
Methapyrilene	50.0	2.02	0.000	10.0-120	OU
3-Methylcholanthrene	50.0	43.2	86.4	56.0-133	
Methyl methanesulfonate	50.0	32.1	64.2	33.0-107	U
Methyl parathion	50.0	49.5	99.0	45.0-159	
1,4-Naphthoquinone	50.0	1.87	3.74	50.0-150	UO
1-Naphthylamine	50.0	18.5	37.0	24.0-124	
2-Naphthylamine	50.0	3.72	0.000	10.0-120	OU
5-Nitro-o-toluidine	50.0	44.2	88.4	38.0-126	
4-Nitroquinoline 1-oxide	50.0	37.4	74.8	10.0-159	
n-Nitrosodiethylamine	50.0	42.8	85.6	43.0-121	
n-Nitrosodi-n-butylamine	50.0	47.9	95.8	60.0-121	
n-Nitrosomethylethylamine	50.0	38.2	76.4	41.0-117	
n-Nitrosomorpholine	50.0	42.7	85.4	55.0-117	
n-Nitrosopiperidine	50.0	46.6	93.2	56.0-121	
n-Nitrosopyrrolidine	50.0	43.0	86.0	48.0-113	
Pentachlorobenzene	50.0	37.7	75.4	59.0-123	
Pentachloroethane	50.0	35.5	71.0	30.0-92.0	U
Pentachloronitrobenzene	50.0	42.8	85.6	54.0-135	
Phenacetin	50.0	52.8	106	71.0-124	
p-Phenylenediamine	50.0	43.7	0.000	50.0-150	OU
Phorate	50.0	78.6	157	38.0-139	OU
2-Picoline	50.0	9.47	18.9	34.0-109	OU
Pronamide	50.0	45.1	90.2	65.0-129	
Safrole	50.0	34.9	69.8	61.0-119	
Sulfotep	50.0	48.3	96.6	61.0-133	U
Thionazin	50.0	46.8	93.6	72.0-132	
o-Toluidine	50.0	28.5	57.0	30.0-110	
O,O,O-Triethyl Phosphorothioate	50.0	30.4	60.8	66.0-119	O
1,3,5-Trinitrobenzene	50.0	56.4	113	41.0-137	

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Laboratory Control Sample (LCS)

(LCS) R4332982-2 02/05/26 14:36

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	<u>LCS Qualifier</u>
Acenaphthene	50.0	42.9	85.8	47.0-122	
Acenaphthylene	50.0	44.6	89.2	41.0-130	
Acetophenone	50.0	49.4	98.8	46.0-118	
Aniline	50.0	17.7	35.4	13.0-120	
Anthracene	50.0	46.2	92.4	57.0-123	
Benzo(a)anthracene	50.0	43.3	86.6	58.0-125	
Benzo(b)fluoranthene	50.0	47.0	94.0	53.0-131	
Benzo(k)fluoranthene	50.0	46.1	92.2	57.0-129	
Benzo(g,h,i)perylene	50.0	46.3	92.6	50.0-134	
Benzo(a)pyrene	50.0	46.7	93.4	54.0-128	
Benzyl alcohol	50.0	40.6	81.2	31.0-112	
Bis(2-chlorethoxy)methane	50.0	42.1	84.2	48.0-120	
Bis(2-chloroethyl)ether	50.0	47.3	94.6	43.0-118	
2,2-Oxybis(1-Chloropropane)	50.0	45.9	91.8	28.0-120	
4-Bromophenyl-phenylether	50.0	45.0	90.0	55.0-124	
4-Chloroaniline	50.0	27.2	54.4	33.0-117	
2-Chloronaphthalene	50.0	37.9	75.8	40.0-116	
4-Chlorophenyl-phenylether	50.0	42.2	84.4	53.0-121	
Chrysene	50.0	40.1	80.2	59.0-123	
Dibenz(a,h)anthracene	50.0	46.0	92.0	51.0-134	
1,2-Dichlorobenzene	50.0	39.3	78.6	32.0-111	
1,3-Dichlorobenzene	50.0	37.5	75.0	28.0-110	
1,4-Dichlorobenzene	50.0	37.7	75.4	29.0-112	
Dibenzofuran	50.0	42.0	84.0	53.0-118	
3,3-Dichlorobenzidine	100	98.5	98.5	27.0-129	
2,4-Dinitrotoluene	50.0	46.9	93.8	57.0-128	
2,6-Dinitrotoluene	50.0	46.6	93.2	57.0-124	
Diphenylamine	50.0	45.7	91.4	55.0-111	
Fluoranthene	50.0	48.2	96.4	57.0-128	
Fluorene	50.0	45.0	90.0	52.0-124	
Hexachlorobenzene	50.0	43.3	86.6	53.0-125	
Hexachloro-1,3-butadiene	50.0	27.8	55.6	22.0-124	
Hexachlorocyclopentadiene	50.0	17.5	35.0	15.0-120	
Hexachloroethane	50.0	40.7	81.4	21.0-115	
Indeno(1,2,3-cd)pyrene	50.0	49.7	99.4	52.0-134	
Isophorone	50.0	46.0	92.0	42.0-124	
2-Methylnaphthalene	50.0	41.3	82.6	40.0-121	
2-Nitroaniline	50.0	54.3	109	55.0-127	
3-Nitroaniline	50.0	51.0	102	41.0-128	
4-Nitroaniline	50.0	54.8	110	18.0-160	

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Laboratory Control Sample (LCS)

(LCS) R4332982-2 02/05/26 14:36

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	<u>LCS Qualifier</u>
Naphthalene	50.0	36.6	73.2	40.0-121	
Nitrobenzene	50.0	36.3	72.6	45.0-121	
n-Nitrosodimethylamine	50.0	28.8	57.6	10.0-120	
n-Nitrosodi-n-propylamine	50.0	56.7	113	49.0-119	
Phenanthrene	50.0	43.5	87.0	59.0-120	
Pyridine	50.0	10.1	20.2	10.0-120	
Benzylbutyl phthalate	50.0	50.9	102	53.0-134	
Bis(2-Ethylhexyl)phthalate	50.0	49.7	99.4	55.0-135	
Di-n-butyl phthalate	50.0	53.4	107	59.0-127	
Diethyl phthalate	50.0	51.6	103	56.0-125	
Dimethyl phthalate	50.0	48.8	97.6	45.0-127	
Di-n-octyl phthalate	50.0	52.3	105	51.0-140	
Pyrene	50.0	45.3	90.6	57.0-126	
1,2,4,5-Tetrachlorobenzene	50.0	35.3	70.6	35.0-121	
1,2,4-Trichlorobenzene	50.0	28.9	57.8	29.0-116	
4-Chloro-3-methylphenol	50.0	48.9	97.8	52.0-119	
2-Chlorophenol	50.0	44.6	89.2	38.0-117	
2,4-Dichlorophenol	50.0	38.1	76.2	47.0-121	
2,4-Dimethylphenol	50.0	40.3	80.6	31.0-124	
4,6-Dinitro-2-methylphenol	50.0	41.4	82.8	44.0-137	
2,4-Dinitrophenol	50.0	39.6	79.2	23.0-143	
2-Methylphenol	50.0	41.0	82.0	30.0-117	
3&4-Methyl Phenol	50.0	45.5	91.0	29.0-110	
2-Nitrophenol	50.0	43.9	87.8	47.0-123	
4-Nitrophenol	50.0	19.9	39.8	10.0-120	
Pentachlorophenol	50.0	36.1	72.2	35.0-138	
Phenol	50.0	22.2	44.4	10.0-120	
2,3,4,6-Tetrachlorophenol	50.0	43.2	86.4	50.0-128	
2,4,5-Trichlorophenol	50.0	41.5	83.0	53.0-123	
2,4,6-Trichlorophenol	50.0	40.7	81.4	50.0-125	
Carbazole	50.0	51.0	102	60.0-122	
(S) 2-Fluorophenol			49.9	19.0-119	
(S) Phenol-d5			37.9	10.0-120	
(S) Nitrobenzene-d5			77.7	44.0-120	
(S) 2-Fluorobiphenyl			75.6	44.0-119	
(S) 2,4,6-Tribromophenol			92.5	43.0-140	
(S) p-Terphenyl-d14			82.6	50.0-134	

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

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

[L1940662-01](#)

L1940612-09 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1940612-09 02/05/26 15:43 • (MS) R4332982-3 02/05/26 16:05 • (MSD) R4332982-5 02/05/26 16:27

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	48.5	0.246	41.4	41.1	85.4	88.0	1	47.0-122			0.727	30
Acenaphthylene	48.5	0.265	43.2	43.0	89.1	92.1	1	41.0-130			0.464	30
Acetophenone	48.5	2.05	47.5	46.2	97.9	98.9	1	46.0-118			2.77	30
Aniline	48.5	3.51	21.1	17.6	43.5	37.7	1	13.0-120			18.1	30
Anthracene	48.5	0.196	43.7	43.3	90.1	92.7	1	57.0-123			0.920	30
Benzo(a)anthracene	48.5	0.208	40.4	38.7	83.3	82.9	1	58.0-125			4.30	30
Benzo(b)fluoranthene	48.5	0.280	44.3	42.3	91.3	90.6	1	53.0-131			4.62	30
Benzo(k)fluoranthene	48.5	0.247	41.4	39.9	85.4	85.4	1	57.0-129			3.69	30
Benzo(g,h,i)perylene	48.5	0.254	41.5	39.7	85.6	85.0	1	50.0-134			4.43	30
Benzo(a)pyrene	48.5	0.128	42.0	40.8	86.6	87.4	1	54.0-128			2.90	30
Benzyl alcohol	48.5	2.05	41.6	39.0	85.8	83.5	1	31.0-112			6.45	30
Bis(2-chlorethoxy)methane	48.5	1.88	40.6	39.8	83.7	85.2	1	48.0-120			1.99	30
Bis(2-chloroethyl)ether	48.5	2.05	45.4	44.0	93.6	94.2	1	43.0-118			3.13	30
2,2-Oxybis(1-Chloropropane)	48.5	1.91	44.7	43.8	92.2	93.8	1	28.0-120			2.03	30
4-Bromophenyl-phenylether	48.5	2.67	41.9	42.0	86.4	89.9	1	55.0-124			0.238	30
4-Chloroaniline	48.5	5.06	29.8	25.5	61.4	54.6	1	33.0-117			15.6	30
2-Chloronaphthalene	48.5	0.259	36.1	35.9	74.4	76.9	1	40.0-116			0.556	30
4-Chlorophenyl-phenylether	48.5	2.22	41.2	41.0	84.9	87.8	1	53.0-121			0.487	30
Chrysene	48.5	0.279	38.1	36.5	78.6	78.2	1	59.0-123			4.29	30
Dibenz(a,h)anthracene	48.5	0.148	41.9	39.6	86.4	84.8	1	51.0-134			5.64	30
1,2-Dichlorobenzene	48.5	2.20	37.7	37.3	77.7	79.9	1	32.0-111			1.07	30
1,3-Dichlorobenzene	48.5	2.21	36.4	35.5	75.1	76.0	1	28.0-110			2.50	30
1,4-Dichlorobenzene	48.5	2.23	37.2	36.3	76.7	77.7	1	29.0-112			2.45	30
Dibenzofuran	48.5	2.51	40.5	39.9	83.5	85.4	1	53.0-118			1.49	30
3,3-Dichlorobenzidine	97.0	7.58	94.3	92.8	97.2	99.4	1	27.0-129			1.60	30
2,4-Dinitrotoluene	48.5	1.87	45.1	45.1	93.0	96.6	1	57.0-128			0.000	30
2,6-Dinitrotoluene	48.5	1.86	44.1	44.4	90.9	95.1	1	57.0-124			0.678	30
Diphenylamine	48.5	2.02	43.5	43.3	89.7	92.7	1	55.0-111			0.461	30
Fluoranthene	48.5	0.229	46.0	44.9	94.8	96.1	1	57.0-128			2.42	30
Fluorene	48.5	0.277	44.2	43.1	91.1	92.3	1	52.0-124			2.52	30
Hexachlorobenzene	48.5	0.259	40.4	40.3	83.3	86.3	1	53.0-125			0.248	30
Hexachloro-1,3-butadiene	48.5	2.27	27.4	26.9	56.5	57.6	1	22.0-124			1.84	30
Hexachlorocyclopentadiene	48.5	2.81	15.5	16.6	32.0	35.5	1	15.0-120			6.85	30
Hexachloroethane	48.5	2.15	39.7	38.5	81.9	82.4	1	21.0-115			3.07	30
Indeno(1,2,3-cd)pyrene	48.5	0.285	44.3	42.0	91.3	89.9	1	52.0-134			5.33	30
Isophorone	48.5	1.72	45.3	44.8	93.4	95.9	1	42.0-124			1.11	30
2-Methylnaphthalene	48.5	0.276	39.4	39.2	81.2	83.9	1	40.0-121			0.509	30
2-Nitroaniline	48.5	2.36	54.4	52.6	112	113	1	55.0-127			3.36	30
3-Nitroaniline	48.5	1.20	50.6	48.8	104	104	1	41.0-128			3.62	30
4-Nitroaniline	48.5	2.11	52.8	51.9	109	111	1	18.0-160			1.72	30

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

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

[L1940662-01](#)

L1940612-09 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1940612-09 02/05/26 15:43 • (MS) R4332982-3 02/05/26 16:05 • (MSD) R4332982-5 02/05/26 16:27

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 %
Naphthalene	48.5	0.678	35.5	34.8	73.2	74.5	1	40.0-121			1.99	30
Nitrobenzene	48.5	1.97	35.6	34.8	73.4	74.5	1	45.0-121			2.27	30
n-Nitrosodimethylamine	48.5	2.80	29.6	28.4	61.0	60.8	1	10.0-120			4.14	30
n-Nitrosodi-n-propylamine	48.5	2.02	55.6	54.6	115	117	1	49.0-119			1.81	30
Phenanthrene	48.5	0.219	41.3	40.8	85.2	87.4	1	59.0-120			1.22	30
Pyridine	48.5	1.49	15.0	12.0	30.9	25.7	1	10.0-120			22.2	30
Benzylbutyl phthalate	48.5	1.13	49.3	47.6	102	102	1	53.0-134			3.51	30
Bis(2-Ethylhexyl)phthalate	48.5	1.65	46.3	43.8	95.5	93.8	1	55.0-135			5.55	30
Di-n-butyl phthalate	48.5	0.794	50.2	49.4	104	106	1	59.0-127			1.61	30
Diethyl phthalate	48.5	0.861	50.5	49.7	104	106	1	56.0-125			1.60	30
Dimethyl phthalate	48.5	0.772	47.2	46.7	97.3	100	1	45.0-127			1.06	30
Di-n-octyl phthalate	48.5	1.33	48.0	44.6	99.0	95.5	1	51.0-140			7.34	30
Pyrene	48.5	0.259	43.0	42.6	88.7	91.2	1	57.0-126			0.935	30
1,2,4,5-Tetrachlorobenzene	48.5	2.43	34.2	34.0	70.5	72.8	1	35.0-121			0.587	30
1,2,4-Trichlorobenzene	48.5	2.30	27.5	27.5	56.7	58.9	1	29.0-116			0.000	30
4-Chloro-3-methylphenol	48.5	2.28	48.3	45.6	99.6	97.6	1	52.0-119			5.75	30
2-Chlorophenol	48.5	2.11	44.6	42.2	92.0	90.4	1	38.0-117			5.53	30
2,4-Dichlorophenol	48.5	2.41	38.3	36.8	79.0	78.8	1	47.0-121			3.99	30
2,4-Dimethylphenol	48.5	4.33	36.1	37.4	74.4	80.1	1	31.0-124			3.54	30
4,6-Dinitro-2-methylphenol	48.5	3.49	39.5	39.5	81.4	84.6	1	44.0-137			0.000	30
2,4-Dinitrophenol	48.5	5.71	41.0	39.6	84.5	84.8	1	23.0-143			3.47	30
2-Methylphenol	48.5	1.70	40.8	37.8	84.1	80.9	1	30.0-117			7.63	30
3&4-Methyl Phenol	48.5	1.54	45.4	42.4	93.6	90.8	1	29.0-110			6.83	30
2-Nitrophenol	48.5	2.60	43.7	42.7	90.1	91.4	1	47.0-123			2.31	30
4-Nitrophenol	48.5	7.55	22.3	20.0	46.0	42.8	1	10.0-120			10.9	30
Pentachlorophenol	48.5	0.708	36.5	36.8	75.3	78.8	1	35.0-138			0.819	30
Phenol	48.5	5.42	22.7	20.5	35.6	32.3	1	10.0-120			10.2	30
2,3,4,6-Tetrachlorophenol	48.5	3.25	43.7	41.8	90.1	89.5	1	50.0-128			4.44	30
2,4,5-Trichlorophenol	48.5	2.70	42.3	41.2	87.2	88.2	1	53.0-123			2.63	30
2,4,6-Trichlorophenol	48.5	2.38	39.0	39.0	80.4	83.5	1	50.0-125			0.000	30
Carbazole	48.5	2.11	48.5	47.4	100	101	1	60.0-122			2.29	30
(S) 2-Fluorophenol					52.6	52.2		19.0-119				
(S) Phenol-d5					39.8	38.6		10.0-120				
(S) Nitrobenzene-d5					79.8	80.2		44.0-120				
(S) 2-Fluorobiphenyl					71.6	71.7		44.0-119				
(S) 2,4,6-Tribromophenol					92.3	93.6		43.0-140				
(S) p-Terphenyl-d14					78.2	77.8		50.0-134				

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.

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

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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.

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 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

Central Plateau Cleanup Company		31 CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST			C.O.C. # W26-002-113			
					PAGE 1 OF 1			
Collector: Scott Harder / CPCC		Contact/Requester: Karen Waters-Husted		Telephone No.: 509-376-4650				
SAF No.: W26-002		Sampling Origin: Hanford Site		Purchase Order/Charge Code: 901852				
Project Title: RCRA, February 2026		Logbook No.: HNF-N-506 - 153/33		Ice Chest No.: 6WS-994				
Shipped To (Lab): Pace Analytical National		Method of Shipment: Commercial Carrier		Bill of Lading/Air Bill No.: 888450843206				
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 4940662				
Sample No.	Filter	*	Date	Time	No./Type Container	Sample Analysis	Holding Time	Preservation
B4RM54	N	W	FEB 03 2026	0833	1x1-L aG	8270_SVOA_GCMS_IX: COMMON REV 1	7/40 Days	Cool <=6C

D157

8884 5084 3206

C29807+0=070

Sample Receipt Checklist	
COC Seal Present/Intact:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NP If Applicable
COC Signed/Accurate:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N VOA Zero Headspace: <input type="checkbox"/> Y <input type="checkbox"/> N
Bottles arrive intact:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N Pres. Correct/Check: <input type="checkbox"/> Y <input type="checkbox"/> N
Correct bottles used:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N
Sufficient volume sent:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N Condition: <input type="checkbox"/> NCF <input type="checkbox"/> OK
RA Screen <0.5 mB/hr:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N

Containers: 01

Relinquished By			Received By			Matrix *	
Print First and Last Name	Signature	Date/Time	Print First and Last Name	Signature	Date/Time	S	DS
Scott Harder / CPCC		FEB 03 2026 1020	Chris Fulton/CPCCo		FEB 03 2026 1020	SE	DL
Chris Fulton/CPCCo		FEB 03 2026 1400	FEDEX			SO	T
FedEx			D. St. Deunch Stewart 2/4/26 0945			SL	WI
						W	L
						O	V
						A	X

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