

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BP110824 SAS No.: BP110824 SDG No.: BP110824
Instrument ID: BNA_P Calibration Date/Time: 11/8/2024 1:08:34
Lab File ID: BP022925.D Init. Calib. Date(s): _____
EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): _____
GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
n-Nitrosodimethylamine	0.557	0.633		13.645	
Pyridine	1.155	1.125		-2.597	
2-Fluorophenol	1.054	1.009		-4.269	
Benzaldehyde	0.849	0.774		-8.834	
Aniline	1.225	1.206		-1.551	
Phenol-d6	1.470	1.419		-3.469	
Phenol	1.456	1.407		-3.365	20.0
bis(2-Chloroethyl) ether	1.100	1.047		-4.818	
2-Chlorophenol	1.105	1.072		-2.986	
1,2-Dichlorobenzene	1.392	1.358		-2.443	
1,3-Dichlorobenzene	1.410	1.381		-2.057	
1,4-Dichlorobenzene	1.440	1.400		-2.778	20.0
Benzyl Alcohol	1.113	1.127		1.258	
2-Methylphenol	0.988	0.967		-2.126	
2,2-oxybis(1-Chloropropane)	1.193	1.147		-3.856	
Acetophenone	0.532	0.506		-4.887	
3+4-Methylphenols	1.381	1.392		0.797	
n-Nitroso-di-n-propylamine	1.006	1.000	0.050	-0.596	
Nitrobenzene-d5	0.423	0.423		0.0	
Hexachloroethane	0.533	0.523		-1.876	
Nitrobenzene	0.430	0.428		-0.465	
Isophorone	0.717	0.703		-1.953	
2-Nitrophenol	0.177	0.167		-5.65	20.0
2,4-Dimethylphenol	0.202	0.199		-1.485	
bis(2-Chloroethoxy) methane	0.407	0.383		-5.897	
2,4-Dichlorophenol	0.349	0.351		0.573	20.0
1,2,4-Trichlorobenzene	0.446	0.430		-3.587	
Benzoic acid	0.242	0.238		-1.653	
Naphthalene	1.002	0.974		-2.794	
4-Chloroaniline	0.357	0.361		1.12	
Hexachlorobutadiene	0.327	0.332		1.529	20.0
Caprolactam	0.104	0.103		-0.962	
4-Chloro-3-methylphenol	0.389	0.403		3.599	20.0
2-Methylnaphthalene	0.751	0.757		0.799	
Hexachlorocyclopentadiene	0.190	0.194	0.050	2.105	
2,4,6-Trichlorophenol	0.431	0.417		-3.248	20.0
2-Fluorobiphenyl	1.400	1.320		-5.714	
2,4,5-Trichlorophenol	0.490	0.480		-2.041	
1,1-Biphenyl	1.330	1.260		-5.263	

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GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Chloronaphthalene	1.103	1.044		-5.349	
2-Nitroaniline	0.321	0.328		2.181	
Dimethylphthalate	1.464	1.409		-3.757	
Acenaphthylene	1.541	1.506		-2.271	
2,6-Dinitrotoluene	0.333	0.327		-1.802	
3-Nitroaniline	0.271	0.277		2.214	
Acenaphthene	0.991	0.972		-1.917	20.0
2,4-Dinitrophenol	0.207	0.215	0.050	3.865	
4-Nitrophenol	0.222	0.238	0.050	7.207	
Dibenzofuran	1.740	1.737		-0.172	
2,4-Dinitrotoluene	0.481	0.494		2.703	
Diethylphthalate	1.456	1.490		2.335	
4-Chlorophenyl-phenylether	0.852	0.870		2.113	
Fluorene	1.446	1.474		1.936	
4-Nitroaniline	0.278	0.304		9.353	
4,6-Dinitro-2-methylphenol	0.122	0.121		-0.82	
n-Nitrosodiphenylamine	0.494	0.457		-7.49	20.0
Azobenzene	1.252	1.370		9.425	
2,4,6-Tribromophenol	0.388	0.412		6.186	
4-Bromophenyl-phenylether	0.240	0.228		-5.0	
Hexachlorobenzene	0.307	0.294		-4.235	
Atrazine	0.167	0.170		1.796	
Pentachlorophenol	0.196	0.196		0.0	20.0
Phenanthrene	0.968	0.932		-3.719	
Anthracene	0.929	0.899		-3.229	
Carbazole	0.887	0.873		-1.578	
Di-n-butylphthalate	0.989	0.970		-1.921	
Fluoranthene	1.343	1.326		-1.266	20.0
Benzidine	0.395	0.295		-25.316	
Pyrene	1.184	1.164		-1.689	
Terphenyl-d14	1.065	1.060		-0.469	
Butylbenzylphthalate	0.404	0.401		-0.743	
3,3-Dichlorobenzidine	0.504	0.491		-2.579	
Benzo(a)anthracene	1.245	1.239		-0.482	
Chrysene	1.166	1.161		-0.429	
Bis(2-ethylhexyl)phthalate	0.579	0.584		0.864	
Di-n-octyl phthalate	0.968	0.997		2.996	20.0
Benzo(b)fluoranthene	1.175	1.139		-3.064	
Benzo(k)fluoranthene	1.110	1.112		0.18	

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Instrument ID: BNA_P Calibration Date/Time: 11/8/2024 1:08:34

Lab File ID: BP022925.D Init. Calib. Date(s): _____

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): _____

GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Benzo(a)pyrene	1.005	0.989		-1.592	20.0
Indeno(1,2,3-cd)pyrene	1.349	1.336		-0.964	
Dibenzo(a,h)anthracene	1.106	1.082		-2.17	
Benzo(g,h,i)perylene	1.133	1.131		-0.177	
1,2,4,5-Tetrachlorobenzene	0.677	0.645		-4.727	
1,4-Dioxane	0.421	0.399		-5.226	20.0
2,3,4,6-Tetrachlorophenol	0.473	0.494		4.44	
1-Methylnaphthalene	0.745	0.752		0.94	

All other compounds must meet a minimum RRF of 0.010.

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Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP110824 SAS No.: BP110824 SDG No.: BP110824

Instrument ID: BNA_P Calibration Date/Time: 11/8/2024 1:17:32

Lab File ID: BP022938.D Init. Calib. Date(s): _____

EPA Sample No.: SSTDCCC040EC Init. Calib. Time(s): _____

GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
n-Nitrosodimethylamine	0.557	0.656		17.774	50.0
Pyridine	1.155	1.195		3.463	50.0
2-Fluorophenol	1.054	1.065		1.044	50.0
Benzaldehyde	0.849	0.867		2.12	50.0
Aniline	1.225	1.240		1.224	50.0
Phenol-d6	1.470	1.480		0.68	50.0
Phenol	1.456	1.476		1.374	50.0
bis(2-Chloroethyl)ether	1.100	1.107		0.636	50.0
2-Chlorophenol	1.105	1.122		1.538	50.0
1,2-Dichlorobenzene	1.392	1.401		0.647	50.0
1,3-Dichlorobenzene	1.410	1.436		1.844	50.0
1,4-Dichlorobenzene	1.440	1.471		2.153	50.0
Benzyl Alcohol	1.113	1.179		5.93	50.0
2-Methylphenol	0.988	1.026		3.846	50.0
2,2-oxybis(1-Chloropropane)	1.193	1.205		1.006	50.0
Acetophenone	0.532	0.501		-5.827	50.0
3+4-Methylphenols	1.381	1.464		6.01	50.0
n-Nitroso-di-n-propylamine	1.006	1.075	0.050	6.859	50.0
Nitrobenzene-d5	0.423	0.428		1.182	50.0
Hexachloroethane	0.533	0.563		5.629	50.0
Nitrobenzene	0.430	0.437		1.628	50.0
Isophorone	0.717	0.708		-1.255	50.0
2-Nitrophenol	0.177	0.172		-2.825	50.0
2,4-Dimethylphenol	0.202	0.198		-1.98	50.0
bis(2-Chloroethoxy)methane	0.407	0.395		-2.948	50.0
2,4-Dichlorophenol	0.349	0.355		1.719	50.0
1,2,4-Trichlorobenzene	0.446	0.450		0.897	50.0
Benzoic acid	0.242	0.245		1.24	50.0
Naphthalene	1.002	0.990		-1.198	50.0
4-Chloroaniline	0.357	0.363		1.681	50.0
Hexachlorobutadiene	0.327	0.342		4.587	50.0
Caprolactam	0.104	0.107		2.885	50.0
4-Chloro-3-methylphenol	0.389	0.403		3.599	50.0
2-Methylnaphthalene	0.751	0.778		3.595	50.0
Hexachlorocyclopentadiene	0.190	0.197	0.050	3.684	50.0
2,4,6-Trichlorophenol	0.431	0.420		-2.552	50.0
2-Fluorobiphenyl	1.400	1.361		-2.786	50.0
2,4,5-Trichlorophenol	0.490	0.476		-2.857	50.0
1,1-Biphenyl	1.330	1.274		-4.211	50.0

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COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Chloronaphthalene	1.103	1.048		-4.986	50.0
2-Nitroaniline	0.321	0.336		4.673	50.0
Dimethylphthalate	1.464	1.410		-3.689	50.0
Acenaphthylene	1.541	1.533		-0.519	50.0
2,6-Dinitrotoluene	0.333	0.330		-0.901	50.0
3-Nitroaniline	0.271	0.272		0.369	50.0
Acenaphthene	0.991	0.972		-1.917	50.0
2,4-Dinitrophenol	0.207	0.216	0.050	4.348	50.0
4-Nitrophenol	0.222	0.242	0.050	9.009	50.0
Dibenzofuran	1.740	1.745		0.287	50.0
2,4-Dinitrotoluene	0.481	0.505		4.99	50.0
Diethylphthalate	1.456	1.526		4.808	50.0
4-Chlorophenyl-phenylether	0.852	0.886		3.991	50.0
Fluorene	1.446	1.508		4.288	50.0
4-Nitroaniline	0.278	0.332		19.424	50.0
4,6-Dinitro-2-methylphenol	0.122	0.120		-1.639	50.0
n-Nitrosodiphenylamine	0.494	0.459		-7.085	50.0
Azobenzene	1.252	1.356		8.307	50.0
2,4,6-Tribromophenol	0.388	0.425		9.536	50.0
4-Bromophenyl-phenylether	0.240	0.232		-3.333	50.0
Hexachlorobenzene	0.307	0.296		-3.583	50.0
Atrazine	0.167	0.171		2.395	50.0
Pentachlorophenol	0.196	0.195		-0.51	50.0
Phenanthrene	0.968	0.961		-0.723	50.0
Anthracene	0.929	0.924		-0.538	50.0
Carbazole	0.887	0.884		-0.338	50.0
Di-n-butylphthalate	0.989	1.018		2.932	50.0
Fluoranthene	1.343	1.323		-1.489	50.0
Benzidine	0.395	0.324		-17.975	50.0
Pyrene	1.184	1.141		-3.632	50.0
Terphenyl-d14	1.065	1.036		-2.723	50.0
Butylbenzylphthalate	0.404	0.404		0.0	50.0
3,3-Dichlorobenzidine	0.504	0.496		-1.587	50.0
Benzo(a)anthracene	1.245	1.207		-3.052	50.0
Chrysene	1.166	1.152		-1.201	50.0
Bis(2-ethylhexyl)phthalate	0.579	0.601		3.8	50.0
Di-n-octyl phthalate	0.968	0.987		1.963	50.0
Benzo(b)fluoranthene	1.175	1.215		3.404	50.0
Benzo(k)fluoranthene	1.110	1.131		1.892	50.0

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COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Benzo(a)pyrene	1.005	1.021		1.592	50.0
Indeno(1,2,3-cd)pyrene	1.349	1.354		0.371	50.0
Dibenzo(a,h)anthracene	1.106	1.105		-0.09	50.0
Benzo(g,h,i)perylene	1.133	1.130		-0.265	50.0
1,2,4,5-Tetrachlorobenzene	0.677	0.638		-5.761	50.0
1,4-Dioxane	0.421	0.426		1.188	50.0
2,3,4,6-Tetrachlorophenol	0.473	0.489		3.383	50.0
1-Methylnaphthalene	0.745	0.767		2.953	50.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	PB164366BL	SDG No.:	BP110824
Lab Sample ID:	PB164366BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022926.D	1	10/24/2024 12:00:00 AM	11/8/2024 12:00:00 AM	PB164366

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	86.8	U	86.8	270	330	ug/Kg
110-86-1	Pyridine	79.9	U	79.9	130	170	ug/Kg
100-52-7	Benzaldehyde	180	U	180	270	330	ug/Kg
62-53-3	Aniline	96.9	U	96.9	130	170	ug/Kg
108-95-2	Phenol	82.9	U	82.9	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	83.7	U	83.7	130	170	ug/Kg
95-57-8	2-Chlorophenol	83.5	U	83.5	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	84.6	U	84.6	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	86	U	86	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	86.5	U	86.5	130	170	ug/Kg
100-51-6	Benzyl Alcohol	83	U	83	270	330	ug/Kg
95-48-7	2-Methylphenol	80.6	U	80.6	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	90.9	U	90.9	130	170	ug/Kg
98-86-2	Acetophenone	86.9	U	86.9	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	79.8	U	79.8	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	40.3	U	40.3	80	80	ug/Kg
67-72-1	Hexachloroethane	83	U	83	130	170	ug/Kg
98-95-3	Nitrobenzene	90.8	U	90.8	130	170	ug/Kg
78-59-1	Isophorone	84.6	U	84.6	130	170	ug/Kg
88-75-5	2-Nitrophenol	94.5	U	94.5	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	93.2	U	93.2	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	85.8	U	85.8	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	75.5	U	75.5	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	85.4	U	85.4	130	170	ug/Kg
65-85-0	Benzoic acid	240	U	240	270	330	ug/Kg
91-20-3	Naphthalene	82.6	U	82.6	130	170	ug/Kg
106-47-8	4-Chloroaniline	82.6	U	82.6	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	83.3	U	83.3	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	PB164366BL	SDG No.:	BP110824
Lab Sample ID:	PB164366BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022926.D	1	10/24/2024 12:00:00 AM	11/8/2024 12:00:00 AM	PB164366

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	86.8	U	86.8	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	77.5	U	77.5	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	82.5	U	82.5	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	160	U	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	71.4	U	71.4	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	74	U	74	130	170	ug/Kg
92-52-4	1,1-Biphenyl	87.4	U	87.4	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	83.3	U	83.3	130	170	ug/Kg
88-74-4	2-Nitroaniline	95	U	95	130	170	ug/Kg
131-11-3	Dimethylphthalate	81.7	U	81.7	130	170	ug/Kg
208-96-8	Acenaphthylene	86.5	U	86.5	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	83.2	U	83.2	130	170	ug/Kg
99-09-2	3-Nitroaniline	89.2	U	89.2	130	170	ug/Kg
83-32-9	Acenaphthene	81.1	U	81.1	130	170	ug/Kg
Total PAH	Total PAH	1325.1	U	1325.1	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	240	U	240	270	330	ug/Kg
100-02-7	4-Nitrophenol	120	U	120	270	330	ug/Kg
132-64-9	Dibenzofuran	84.4	U	84.4	130	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	86.2	U	86.2	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	169.4	U	169.4	130	340	ug/Kg
84-66-2	Diethylphthalate	80.1	U	80.1	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	85.6	U	85.6	130	170	ug/Kg
86-73-7	Fluorene	85.5	U	85.5	130	170	ug/Kg
100-01-6	4-Nitroaniline	110	U	110	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	120	U	120	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	81.6	U	81.6	130	170	ug/Kg
103-33-3	Azobenzene	79.6	U	79.6	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	78.9	U	78.9	130	170	ug/Kg
118-74-1	Hexachlorobenzene	85	U	85	130	170	ug/Kg
1912-24-9	Atrazine	91.4	U	91.4	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	PB164366BL	SDG No.:	BP110824
Lab Sample ID:	PB164366BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022926.D	1	10/24/2024 12:00:00 AM	11/8/2024 12:00:00 AM	PB164366

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	77.3	U	77.3	270	330	ug/Kg
85-01-8	Phenanthrene	84	U	84	130	170	ug/Kg
120-12-7	Anthracene	84.4	U	84.4	130	170	ug/Kg
86-74-8	Carbazole	80.3	U	80.3	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	84.3	U	84.3	130	170	ug/Kg
206-44-0	Fluoranthene	81.7	U	81.7	130	170	ug/Kg
92-87-5	Benzidine	160	U	160	270	330	ug/Kg
129-00-0	Pyrene	83	U	83	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	96.8	U	96.8	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	98.6	U	98.6	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	80.7	U	80.7	130	170	ug/Kg
218-01-9	Chrysene	79.5	U	79.5	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	91	U	91	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	110	U	110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	81.1	U	81.1	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	82.6	U	82.6	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	93	U	93	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	78.1	U	78.1	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	81.2	U	81.2	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	80.1	U	80.1	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	86.8	U	86.8	130	170	ug/Kg
123-91-1	1,4-Dioxane	110	U	110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	74.7	U	74.7	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	83.2	U	83.2	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	145.023		18-112		97	SPK: -150
13127-88-3	Phenol-d6	131.784		15-107		88	SPK: -150
4165-60-0	Nitrobenzene-d5	90.877		18-107		91	SPK: -100
321-60-8	2-Fluorobiphenyl	93.015		20-109		93	SPK: -100

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	PB164366BL	SDG No.:	BP110824
Lab Sample ID:	PB164366BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022926.D	1	10/24/2024 12:00:00 AM	11/8/2024 12:00:00 AM	PB164366

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	130.173		10-116		87	SPK: -150
1718-51-0	Terphenyl-d14	100.453		10-105		100	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	71448	7.599				
1146-65-2	Naphthalene-d8	250478	10.352				
15067-26-2	Acenaphthene-d10	189143	14.21				
1517-22-2	Phenanthrene-d10	458140	17.022				
1719-03-5	Chrysene-d12	568592	21.451				
1520-96-3	Perylene-d12	677061	24.686				
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	150	A			4.781	
000556-67-2	Cyclotetrasiloxane, octamethyl-	140	J			6.74	

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	LOQ-SOIL-02-QT4-2024	SDG No.:	BP110824
Lab Sample ID:	P4368-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022927.D	1	10/24/2024 12:00:00 AM	11/8/2024 12:00:00 AM	PB164366

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	160	J	86.7	270	330	ug/Kg
110-86-1	Pyridine	120	J	79.8	130	170	ug/Kg
100-52-7	Benzaldehyde	220	J	180	270	330	ug/Kg
62-53-3	Aniline	190		96.8	130	170	ug/Kg
108-95-2	Phenol	150	J	82.8	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	160	J	83.6	130	170	ug/Kg
95-57-8	2-Chlorophenol	150	J	83.4	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	160	J	84.5	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	150	J	85.9	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	160	J	86.4	130	170	ug/Kg
100-51-6	Benzyl Alcohol	130	J	82.9	270	330	ug/Kg
95-48-7	2-Methylphenol	140	J	80.5	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	160	J	90.8	130	170	ug/Kg
98-86-2	Acetophenone	160	J	86.8	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	130	J	79.7	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	160		40.3	79.9	79.9	ug/Kg
67-72-1	Hexachloroethane	160	J	82.9	130	170	ug/Kg
98-95-3	Nitrobenzene	170		90.7	130	170	ug/Kg
78-59-1	Isophorone	150	J	84.5	130	170	ug/Kg
88-75-5	2-Nitrophenol	140	J	94.4	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	120	J	93.1	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	150	J	85.7	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	140	J	75.4	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	150	J	85.3	130	170	ug/Kg
65-85-0	Benzoic acid	240	U	240	270	330	ug/Kg
91-20-3	Naphthalene	150	J	82.5	130	170	ug/Kg
106-47-8	4-Chloroaniline	150	J	82.5	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	150	J	83.2	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	LOQ-SOIL-02-QT4-2024	SDG No.:	BP110824
Lab Sample ID:	P4368-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022927.D	1	10/24/2024 12:00:00 AM	11/8/2024 12:00:00 AM	PB164366

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	140	J	86.7	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	140	J	77.4	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	150	J	82.4	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	160	U	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	140	J	71.4	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	130	J	74	130	170	ug/Kg
92-52-4	1,1-Biphenyl	160	J	87.3	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	150	J	83.2	130	170	ug/Kg
88-74-4	2-Nitroaniline	140	J	94.9	130	170	ug/Kg
131-11-3	Dimethylphthalate	150	J	81.6	130	170	ug/Kg
208-96-8	Acenaphthylene	160	J	86.4	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	130	J	83.1	130	170	ug/Kg
99-09-2	3-Nitroaniline	130	J	89.1	130	170	ug/Kg
83-32-9	Acenaphthene	140	J	81	130	170	ug/Kg
51-28-5	2,4-Dinitrophenol	240	U	240	270	330	ug/Kg
100-02-7	4-Nitrophenol	120	U	120	270	330	ug/Kg
132-64-9	Dibenzofuran	150	J	84.3	130	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	120	J	86.1	130	170	ug/Kg
84-66-2	Diethylphthalate	150	J	80	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	150	J	85.5	130	170	ug/Kg
86-73-7	Fluorene	150	J	85.4	130	170	ug/Kg
100-01-6	4-Nitroaniline	130	J	110	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	120	J	120	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	140	J	81.5	130	170	ug/Kg
103-33-3	Azobenzene	150	J	79.5	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	150	J	78.8	130	170	ug/Kg
118-74-1	Hexachlorobenzene	150	J	84.9	130	170	ug/Kg
1912-24-9	Atrazine	190		91.3	130	170	ug/Kg
87-86-5	Pentachlorophenol	130	J	77.2	270	330	ug/Kg
85-01-8	Phenanthrene	150	J	83.9	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	LOQ-SOIL-02-QT4-2024	SDG No.:	BP110824
Lab Sample ID:	P4368-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022927.D	1	10/24/2024 12:00:00 AM	11/8/2024 12:00:00 AM	PB164366

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
120-12-7	Anthracene	140	J	84.3	130	170	ug/Kg
86-74-8	Carbazole	140	J	80.2	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	140	J	84.2	130	170	ug/Kg
206-44-0	Fluoranthene	140	J	81.6	130	170	ug/Kg
92-87-5	Benzidine	160	U	160	270	330	ug/Kg
129-00-0	Pyrene	140	J	82.9	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	130	J	96.7	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	130	J	98.5	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	150	J	80.6	130	170	ug/Kg
218-01-9	Chrysene	150	J	79.4	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	130	J	90.9	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	140	J	110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	150	J	81	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	150	J	82.5	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	150	J	92.9	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	160	J	78	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	160	J	81.1	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	150	J	80	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	150	J	86.7	130	170	ug/Kg
123-91-1	1,4-Dioxane	160	J	110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	150	J	74.7	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	140	J	83.1	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	109.746	*	18-112			SPK: -0
13127-88-3	Phenol-d6	107.024	*	15-107			SPK: -0
4165-60-0	Nitrobenzene-d5	83.123	*	18-107			SPK: -0
321-60-8	2-Fluorobiphenyl	81.246	*	20-109			SPK: -0
118-79-6	2,4,6-Tribromophenol	125.372	*	10-116			SPK: -0
1718-51-0	Terphenyl-d14	80.967	*	10-105			SPK: -0

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	LOQ-SOIL-02-QT4-2024	SDG No.:	BP110824
Lab Sample ID:	P4368-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022927.D	1	10/24/2024 12:00:00 AM	11/8/2024 12:00:00 AM	PB164366

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	56485	7.598				
1146-65-2	Naphthalene-d8	210508	10.345				
15067-26-2	Acenaphthene-d10	178269	14.222				
1517-22-2	Phenanthrene-d10	467156	17.027				
1719-03-5	Chrysene-d12	569950	21.457				
1520-96-3	Perylene-d12	687342	24.686				

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	LOQ-SOIL-02-QT4-2024	SDG No.:	BP110824
Lab Sample ID:	P4368-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022928.D	1	10/24/2024 12:00:00 AM	11/8/2024 12:00:00 AM	PB164366

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	360		86.7	270	330	ug/Kg
110-86-1	Pyridine	290		79.8	130	170	ug/Kg
100-52-7	Benzaldehyde	450		180	270	330	ug/Kg
62-53-3	Aniline	420		96.8	130	170	ug/Kg
108-95-2	Phenol	330		82.8	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	340		83.6	130	170	ug/Kg
95-57-8	2-Chlorophenol	340		83.4	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	330		84.5	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	330		85.9	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	330		86.4	130	170	ug/Kg
100-51-6	Benzyl Alcohol	280	J	82.9	270	330	ug/Kg
95-48-7	2-Methylphenol	320		80.5	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	360		90.8	130	170	ug/Kg
98-86-2	Acetophenone	350		86.8	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	310	J	79.7	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	330		40.3	79.9	79.9	ug/Kg
67-72-1	Hexachloroethane	330		82.9	130	170	ug/Kg
98-95-3	Nitrobenzene	350		90.7	130	170	ug/Kg
78-59-1	Isophorone	340		84.5	130	170	ug/Kg
88-75-5	2-Nitrophenol	320		94.4	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	290		93.1	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	330		85.7	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	310		75.4	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	320		85.3	130	170	ug/Kg
65-85-0	Benzoic acid	480		240	270	330	ug/Kg
91-20-3	Naphthalene	330		82.5	130	170	ug/Kg
106-47-8	4-Chloroaniline	350		82.5	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	320		83.2	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	LOQ-SOIL-02-QT4-2024	SDG No.:	BP110824
Lab Sample ID:	P4368-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022928.D	1	10/24/2024 12:00:00 AM	11/8/2024 12:00:00 AM	PB164366

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	310	J	86.7	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	310		77.4	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	330		82.4	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	280	J	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	310		71.4	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	310		74	130	170	ug/Kg
92-52-4	1,1-Biphenyl	340		87.3	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	330		83.2	130	170	ug/Kg
88-74-4	2-Nitroaniline	300		94.9	130	170	ug/Kg
131-11-3	Dimethylphthalate	340		81.6	130	170	ug/Kg
208-96-8	Acenaphthylene	360		86.4	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	300		83.1	130	170	ug/Kg
99-09-2	3-Nitroaniline	310		89.1	130	170	ug/Kg
83-32-9	Acenaphthene	320		81	130	170	ug/Kg
51-28-5	2,4-Dinitrophenol	250	J	240	270	330	ug/Kg
100-02-7	4-Nitrophenol	270	J	120	270	330	ug/Kg
132-64-9	Dibenzofuran	340		84.3	130	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	310		86.1	130	170	ug/Kg
84-66-2	Diethylphthalate	320		80	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	330		85.5	130	170	ug/Kg
86-73-7	Fluorene	330		85.4	130	170	ug/Kg
100-01-6	4-Nitroaniline	320		110	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	460		120	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	320		81.5	130	170	ug/Kg
103-33-3	Azobenzene	340		79.5	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	310		78.8	130	170	ug/Kg
118-74-1	Hexachlorobenzene	320		84.9	130	170	ug/Kg
1912-24-9	Atrazine	420		91.3	130	170	ug/Kg
87-86-5	Pentachlorophenol	290	J	77.2	270	330	ug/Kg
85-01-8	Phenanthrene	330		83.9	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	LOQ-SOIL-02-QT4-2024	SDG No.:	BP110824
Lab Sample ID:	P4368-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022928.D	1	10/24/2024 12:00:00 AM	11/8/2024 12:00:00 AM	PB164366

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
120-12-7	Anthracene	340		84.3	130	170	ug/Kg
86-74-8	Carbazole	330		80.2	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	310		84.2	130	170	ug/Kg
206-44-0	Fluoranthene	320		81.6	130	170	ug/Kg
92-87-5	Benzidine	390		160	270	330	ug/Kg
129-00-0	Pyrene	290		82.9	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	290		96.7	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	310	J	98.5	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	320		80.6	130	170	ug/Kg
218-01-9	Chrysene	330		79.4	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	290		90.9	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	300	J	110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	320		81	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	330		82.5	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	350		92.9	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	350		78	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	340		81.1	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	310		80	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	340		86.7	130	170	ug/Kg
123-91-1	1,4-Dioxane	370		110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	320		74.7	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	310		83.1	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	116.676	*	18-112			SPK: -0
13127-88-3	Phenol-d6	115.223	*	15-107			SPK: -0
4165-60-0	Nitrobenzene-d5	86.166	*	18-107			SPK: -0
321-60-8	2-Fluorobiphenyl	83.923	*	20-109			SPK: -0
118-79-6	2,4,6-Tribromophenol	125.458	*	10-116			SPK: -0
1718-51-0	Terphenyl-d14	78.486	*	10-105			SPK: -0

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	LOQ-SOIL-02-QT4-2024	SDG No.:	BP110824
Lab Sample ID:	P4368-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022928.D	1	10/24/2024 12:00:00 AM	11/8/2024 12:00:00 AM	PB164366

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	51769	7.599				
1146-65-2	Naphthalene-d8	193021	10.351				
15067-26-2	Acenaphthene-d10	157110	14.222				
1517-22-2	Phenanthrene-d10	407633	17.022				
1719-03-5	Chrysene-d12	514057	21.463				
1520-96-3	Perylene-d12	626769	24.692				

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	LOQ-WATER-02-QT4-2024	SDG No.:	BP110824
Lab Sample ID:	P4368-08	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022929.D	1	10/23/2024 12:00:00 AM	11/8/2024 12:00:00 AM	PB164369

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	4.6	J	1	8	10	ug/L
110-86-1	Pyridine	4.1	J	1.6	4	5	ug/L
100-52-7	Benzaldehyde	6.7	J	4	8	10	ug/L
62-53-3	Aniline	5.6		1.6	4	5	ug/L
108-95-2	Phenol	4.6	J	0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	4.5	J	1.2	4	5	ug/L
95-57-8	2-Chlorophenol	4.7	J	0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	4.7	J	0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	4.5	J	0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	4.5	J	0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	3.6	J	1.6	8	10	ug/L
95-48-7	2-Methylphenol	4.3	J	1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	4.8	J	1.4	4	5	ug/L
98-86-2	Acetophenone	4.8	J	1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	4.1	J	1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	4.6		1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	4.4	J	1	4	5	ug/L
98-95-3	Nitrobenzene	4.3	J	1.3	4	5	ug/L
78-59-1	Isophorone	4.6	J	1.1	4	5	ug/L
88-75-5	2-Nitrophenol	4	J	2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	5.4		1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	4.5	J	1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	4	J	0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	4.3	J	1.1	4	5	ug/L
65-85-0	Benzoic acid	5.5	U	5.5	8	10	ug/L
91-20-3	Naphthalene	4.6	J	1	4	5	ug/L
106-47-8	4-Chloroaniline	4.8	J	1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	4.5	J	1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	LOQ-WATER-02-QT4-2024	SDG No.:	BP110824
Lab Sample ID:	P4368-08	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022929.D	1	10/23/2024 12:00:00 AM	11/8/2024 12:00:00 AM	PB164369

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	4.2	J	1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	4.1	J	0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	4.5	J	1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	5	U	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	4.1	J	0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	4	J	1	4	5	ug/L
92-52-4	1,1-Biphenyl	4.9	J	0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	4.4	J	0.97	4	5	ug/L
88-74-4	2-Nitroaniline	3.8	J	1.4	4	5	ug/L
131-11-3	Dimethylphthalate	4.4	J	0.93	4	5	ug/L
208-96-8	Acenaphthylene	4.7	J	1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	3.9	J	1.2	4	5	ug/L
99-09-2	3-Nitroaniline	4.1	J	1.4	4	5	ug/L
83-32-9	Acenaphthene	4.3	J	0.81	4	5	ug/L
51-28-5	2,4-Dinitrophenol	6.4	U	6.4	8	10	ug/L
100-02-7	4-Nitrophenol	3	J	2	8	10	ug/L
132-64-9	Dibenzofuran	4.5	J	0.93	4	5	ug/L
121-14-2	2,4-Dinitrotoluene	3.7	J	1.5	4	5	ug/L
84-66-2	Diethylphthalate	4.3	J	1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	4.5	J	0.98	4	5	ug/L
86-73-7	Fluorene	4.3	J	0.96	4	5	ug/L
100-01-6	4-Nitroaniline	3.8	J	2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	3.5	J	3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	4.4	J	0.89	4	5	ug/L
103-33-3	Azobenzene	4.3	J	1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	4.4	J	0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	4.3	J	1.1	4	5	ug/L
1912-24-9	Atrazine	5.6		1.3	4	5	ug/L
87-86-5	Pentachlorophenol	3.5	J	1.9	8	10	ug/L
85-01-8	Phenanthrene	4.5	J	0.89	4	5	ug/L

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	LOQ-WATER-02-QT4-2024	SDG No.:	BP110824
Lab Sample ID:	P4368-08	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022929.D	1	10/23/2024 12:00:00 AM	11/8/2024 12:00:00 AM	PB164369

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
120-12-7	Anthracene	4.2	J	1.1	4	5	ug/L
86-74-8	Carbazole	4.4	J	1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	4	J	1.5	4	5	ug/L
206-44-0	Fluoranthene	4.3	J	1.3	4	5	ug/L
92-87-5	Benzidine	4.1	U	4.1	8	10	ug/L
129-00-0	Pyrene	4.1	J	1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	3.7	J	2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	4.1	J	1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	4.5	J	0.94	4	5	ug/L
218-01-9	Chrysene	4.6	J	0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3.7	J	1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	4	J	2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	4.3	J	1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	4.6	J	1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	4.7	J	1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	4.7	J	1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	4.7	J	1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	4.3	J	1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	4.5	J	1.1	4	5	ug/L
123-91-1	1,4-Dioxane	5.3		1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	4.2	J	0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	4.3	J	0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	112.025	*	10-139			SPK: -0
13127-88-3	Phenol-d6	109.19	*	10-134			SPK: -0
4165-60-0	Nitrobenzene-d5	81.581	*	49-133			SPK: -0
321-60-8	2-Fluorobiphenyl	79.598	*	52-132			SPK: -0
118-79-6	2,4,6-Tribromophenol	116.984	*	44-137			SPK: -0
1718-51-0	Terphenyl-d14	76.388	*	48-125			SPK: -0

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	LOQ-WATER-02-QT4-2024	SDG No.:	BP110824
Lab Sample ID:	P4368-08	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022929.D	1	10/23/2024 12:00:00 AM	11/8/2024 12:00:00 AM	PB164369

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	61418	7.599				
1146-65-2	Naphthalene-d8	226829	10.345				
15067-26-2	Acenaphthene-d10	188387	14.222				
1517-22-2	Phenanthrene-d10	472665	17.016				
1719-03-5	Chrysene-d12	584965	21.463				
1520-96-3	Perylene-d12	699078	24.692				

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	LOQ-WATER-02-QT4-2024	SDG No.:	BP110824
Lab Sample ID:	P4368-08	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022930.D	1	10/23/2024 12:00:00 AM	11/8/2024 12:00:00 AM	PB164369

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	10.6		1	8	10	ug/L
110-86-1	Pyridine	9.2		1.6	4	5	ug/L
100-52-7	Benzaldehyde	13.3		4	8	10	ug/L
62-53-3	Aniline	12.7		1.6	4	5	ug/L
108-95-2	Phenol	10.2		0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	10.3		1.2	4	5	ug/L
95-57-8	2-Chlorophenol	10.3		0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	10		0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	9.9		0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	9.9		0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	9.5	J	1.6	8	10	ug/L
95-48-7	2-Methylphenol	9.5		1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	11.2		1.4	4	5	ug/L
98-86-2	Acetophenone	10.4		1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	9.7	J	1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	10.7		1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	10		1	4	5	ug/L
98-95-3	Nitrobenzene	10.2		1.3	4	5	ug/L
78-59-1	Isophorone	10.2		1.1	4	5	ug/L
88-75-5	2-Nitrophenol	9		2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	8.6		1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	10.1		1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	9.5		0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	9.6		1.1	4	5	ug/L
65-85-0	Benzoic acid	14.4		5.5	8	10	ug/L
91-20-3	Naphthalene	10.1		1	4	5	ug/L
106-47-8	4-Chloroaniline	10.9		1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	9.5		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	LOQ-WATER-02-QT4-2024	SDG No.:	BP110824
Lab Sample ID:	P4368-08	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022930.D	1	10/23/2024 12:00:00 AM	11/8/2024 12:00:00 AM	PB164369

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	9	J	1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	9.6		0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	9.9		1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	8.5	J	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	9.1		0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	8.5		1	4	5	ug/L
92-52-4	1,1-Biphenyl	10		0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	9.5		0.97	4	5	ug/L
88-74-4	2-Nitroaniline	9.2		1.4	4	5	ug/L
131-11-3	Dimethylphthalate	9.7		0.93	4	5	ug/L
208-96-8	Acenaphthylene	10.4		1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	9		1.2	4	5	ug/L
99-09-2	3-Nitroaniline	9.1		1.4	4	5	ug/L
83-32-9	Acenaphthene	9.6		0.81	4	5	ug/L
51-28-5	2,4-Dinitrophenol	7.4	J	6.4	8	10	ug/L
100-02-7	4-Nitrophenol	8.5	J	2	8	10	ug/L
132-64-9	Dibenzofuran	10.2		0.93	4	5	ug/L
121-14-2	2,4-Dinitrotoluene	8.9		1.5	4	5	ug/L
84-66-2	Diethylphthalate	9.8		1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	9.5		0.98	4	5	ug/L
86-73-7	Fluorene	9.5		0.96	4	5	ug/L
100-01-6	4-Nitroaniline	9.1		2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	13.8		3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	9.8		0.89	4	5	ug/L
103-33-3	Azobenzene	10.1		1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	9.6		0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	9.6		1.1	4	5	ug/L
1912-24-9	Atrazine	12.8		1.3	4	5	ug/L
87-86-5	Pentachlorophenol	8.4	J	1.9	8	10	ug/L
85-01-8	Phenanthrene	9.9		0.89	4	5	ug/L

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	LOQ-WATER-02-QT4-2024	SDG No.:	BP110824
Lab Sample ID:	P4368-08	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022930.D	1	10/23/2024 12:00:00 AM	11/8/2024 12:00:00 AM	PB164369

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
120-12-7	Anthracene	10.1		1.1	4	5	ug/L
86-74-8	Carbazole	9.5		1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	9.3		1.5	4	5	ug/L
206-44-0	Fluoranthene	9.5		1.3	4	5	ug/L
92-87-5	Benzidine	11.9		4.1	8	10	ug/L
129-00-0	Pyrene	9.4		1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	8.9		2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	9.4	J	1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	9.8		0.94	4	5	ug/L
218-01-9	Chrysene	10		0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	9.3		1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	9.2	J	2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	9.7		1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	10		1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	10.1		1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10		1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	10		1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	9.1		1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	9.7		1.1	4	5	ug/L
123-91-1	1,4-Dioxane	10.8		1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	9.9		0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	9.6		0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	117.486	*	10-139			SPK: -0
13127-88-3	Phenol-d6	116.66	*	10-134			SPK: -0
4165-60-0	Nitrobenzene-d5	87.216	*	49-133			SPK: -0
321-60-8	2-Fluorobiphenyl	81.674	*	52-132			SPK: -0
118-79-6	2,4,6-Tribromophenol	125.932	*	44-137			SPK: -0
1718-51-0	Terphenyl-d14	81.331	*	48-125			SPK: -0

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	LOQ-WATER-02-QT4-2024	SDG No.:	BP110824
Lab Sample ID:	P4368-08	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022930.D	1	10/23/2024 12:00:00 AM	11/8/2024 12:00:00 AM	PB164369

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	55620	7.593				
1146-65-2	Naphthalene-d8	210467	10.346				
15067-26-2	Acenaphthene-d10	181451	14.216				
1517-22-2	Phenanthrene-d10	461514	17.022				
1719-03-5	Chrysene-d12	557793	21.463				
1520-96-3	Perylene-d12	665283	24.698				

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	LOQ-SOIL-02-QT4-2024	SDG No.:	BP110824
Lab Sample ID:	P4368-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022931.D	1	10/24/2024 12:00:00 AM	11/8/2024 12:00:00 AM	PB164366

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	310	J	86.7	270	330	ug/Kg
110-86-1	Pyridine	260		79.8	130	170	ug/Kg
100-52-7	Benzaldehyde	390		180	270	330	ug/Kg
62-53-3	Aniline	380		96.8	130	170	ug/Kg
108-95-2	Phenol	300		82.8	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	300		83.6	130	170	ug/Kg
95-57-8	2-Chlorophenol	300		83.4	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	290		84.5	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	300		85.9	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	300		86.4	130	170	ug/Kg
100-51-6	Benzyl Alcohol	250	J	82.9	270	330	ug/Kg
95-48-7	2-Methylphenol	280		80.5	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	310		90.8	130	170	ug/Kg
98-86-2	Acetophenone	300		86.8	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	270	J	79.7	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	290		40.3	79.9	79.9	ug/Kg
67-72-1	Hexachloroethane	280		82.9	130	170	ug/Kg
98-95-3	Nitrobenzene	290		90.7	130	170	ug/Kg
78-59-1	Isophorone	290		84.5	130	170	ug/Kg
88-75-5	2-Nitrophenol	260		94.4	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	240		93.1	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	280		85.7	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	270		75.4	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	270		85.3	130	170	ug/Kg
65-85-0	Benzoic acid	390		240	270	330	ug/Kg
91-20-3	Naphthalene	280		82.5	130	170	ug/Kg
106-47-8	4-Chloroaniline	300		82.5	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	270		83.2	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	LOQ-SOIL-02-QT4-2024	SDG No.:	BP110824
Lab Sample ID:	P4368-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022931.D	1	10/24/2024 12:00:00 AM	11/8/2024 12:00:00 AM	PB164366

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	270	J	86.7	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	270		77.4	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	280		82.4	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	230	J	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	260		71.4	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	250		74	130	170	ug/Kg
92-52-4	1,1-Biphenyl	290		87.3	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	270		83.2	130	170	ug/Kg
88-74-4	2-Nitroaniline	240		94.9	130	170	ug/Kg
131-11-3	Dimethylphthalate	280		81.6	130	170	ug/Kg
208-96-8	Acenaphthylene	300		86.4	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	250		83.1	130	170	ug/Kg
99-09-2	3-Nitroaniline	260		89.1	130	170	ug/Kg
83-32-9	Acenaphthene	280		81	130	170	ug/Kg
51-28-5	2,4-Dinitrophenol	240	U	240	270	330	ug/Kg
100-02-7	4-Nitrophenol	220	J	120	270	330	ug/Kg
132-64-9	Dibenzofuran	290		84.3	130	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	240		86.1	130	170	ug/Kg
84-66-2	Diethylphthalate	270		80	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	270		85.5	130	170	ug/Kg
86-73-7	Fluorene	280		85.4	130	170	ug/Kg
100-01-6	4-Nitroaniline	240		110	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	370		120	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	280		81.5	130	170	ug/Kg
103-33-3	Azobenzene	280		79.5	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	270		78.8	130	170	ug/Kg
118-74-1	Hexachlorobenzene	270		84.9	130	170	ug/Kg
1912-24-9	Atrazine	350		91.3	130	170	ug/Kg
87-86-5	Pentachlorophenol	220	J	77.2	270	330	ug/Kg
85-01-8	Phenanthrene	280		83.9	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	LOQ-SOIL-02-QT4-2024	SDG No.:	BP110824
Lab Sample ID:	P4368-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022931.D	1	10/24/2024 12:00:00 AM	11/8/2024 12:00:00 AM	PB164366

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
120-12-7	Anthracene	290		84.3	130	170	ug/Kg
86-74-8	Carbazole	270		80.2	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	250		84.2	130	170	ug/Kg
206-44-0	Fluoranthene	260		81.6	130	170	ug/Kg
92-87-5	Benzidine	310	J	160	270	330	ug/Kg
129-00-0	Pyrene	260		82.9	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	240		96.7	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	260	J	98.5	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	280		80.6	130	170	ug/Kg
218-01-9	Chrysene	280		79.4	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	250		90.9	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	260	J	110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	270		81	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	290		82.5	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	290		92.9	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	290		78	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	290		81.1	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	260		80	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	280		86.7	130	170	ug/Kg
123-91-1	1,4-Dioxane	330		110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	280		74.7	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	260		83.1	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	104.346	*	18-112			SPK: -0
13127-88-3	Phenol-d6	102.258	*	15-107			SPK: -0
4165-60-0	Nitrobenzene-d5	72.908	*	18-107			SPK: -0
321-60-8	2-Fluorobiphenyl	71.225	*	20-109			SPK: -0
118-79-6	2,4,6-Tribromophenol	101.69	*	10-116			SPK: -0
1718-51-0	Terphenyl-d14	66.446	*	10-105			SPK: -0

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	LOQ-SOIL-02-QT4-2024	SDG No.:	BP110824
Lab Sample ID:	P4368-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022931.D	1	10/24/2024 12:00:00 AM	11/8/2024 12:00:00 AM	PB164366

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	53693	7.558				
1146-65-2	Naphthalene-d8	206593	10.322				
15067-26-2	Acenaphthene-d10	171694	14.21				
1517-22-2	Phenanthrene-d10	434135	17.022				
1719-03-5	Chrysene-d12	532168	21.463				
1520-96-3	Perylene-d12	645571	24.721				

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	LOQ-WATER-02-QT4-2024	SDG No.:	BP110824
Lab Sample ID:	P4368-08	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022932.D	1	10/23/2024 12:00:00 AM	11/8/2024 12:00:00 AM	PB164369

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	8.8	J	1	8	10	ug/L
110-86-1	Pyridine	7.7		1.6	4	5	ug/L
100-52-7	Benzaldehyde	11.8		4	8	10	ug/L
62-53-3	Aniline	11.1		1.6	4	5	ug/L
108-95-2	Phenol	8.8		0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	8.9		1.2	4	5	ug/L
95-57-8	2-Chlorophenol	9.1		0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	8.5		0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	8.4		0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	8.7		0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	7.5	J	1.6	8	10	ug/L
95-48-7	2-Methylphenol	7.9		1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	9.2		1.4	4	5	ug/L
98-86-2	Acetophenone	8.7		1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	8	J	1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	8.9		1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	8.4		1	4	5	ug/L
98-95-3	Nitrobenzene	8.7		1.3	4	5	ug/L
78-59-1	Isophorone	8.6		1.1	4	5	ug/L
88-75-5	2-Nitrophenol	7.6		2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	7		1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	8.5		1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	7.8		0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	8.2		1.1	4	5	ug/L
65-85-0	Benzoic acid	11.9		5.5	8	10	ug/L
91-20-3	Naphthalene	8.4		1	4	5	ug/L
106-47-8	4-Chloroaniline	8.8		1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	8		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	LOQ-WATER-02-QT4-2024	SDG No.:	BP110824
Lab Sample ID:	P4368-08	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022932.D	1	10/23/2024 12:00:00 AM	11/8/2024 12:00:00 AM	PB164369

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	7.4	J	1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	7.9		0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	8.4		1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	6.8	J	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	7.9		0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	7.5		1	4	5	ug/L
92-52-4	1,1-Biphenyl	8.8		0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	8.2		0.97	4	5	ug/L
88-74-4	2-Nitroaniline	7.6		1.4	4	5	ug/L
131-11-3	Dimethylphthalate	8.4		0.93	4	5	ug/L
208-96-8	Acenaphthylene	8.9		1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	7.7		1.2	4	5	ug/L
99-09-2	3-Nitroaniline	7.8		1.4	4	5	ug/L
83-32-9	Acenaphthene	8.3		0.81	4	5	ug/L
51-28-5	2,4-Dinitrophenol	6.4	U	6.4	8	10	ug/L
100-02-7	4-Nitrophenol	6.6	J	2	8	10	ug/L
132-64-9	Dibenzofuran	8.5		0.93	4	5	ug/L
121-14-2	2,4-Dinitrotoluene	7.5		1.5	4	5	ug/L
84-66-2	Diethylphthalate	8.3		1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	8.1		0.98	4	5	ug/L
86-73-7	Fluorene	8.2		0.96	4	5	ug/L
100-01-6	4-Nitroaniline	7.3		2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	10.9		3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	8.4		0.89	4	5	ug/L
103-33-3	Azobenzene	8.5		1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	8.2		0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	8.2		1.1	4	5	ug/L
1912-24-9	Atrazine	10.6		1.3	4	5	ug/L
87-86-5	Pentachlorophenol	6.9	J	1.9	8	10	ug/L
85-01-8	Phenanthrene	8.4		0.89	4	5	ug/L

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	LOQ-WATER-02-QT4-2024	SDG No.:	BP110824
Lab Sample ID:	P4368-08	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022932.D	1	10/23/2024 12:00:00 AM	11/8/2024 12:00:00 AM	PB164369

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
120-12-7	Anthracene	8.4		1.1	4	5	ug/L
86-74-8	Carbazole	8.2		1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	7.6		1.5	4	5	ug/L
206-44-0	Fluoranthene	8.1		1.3	4	5	ug/L
92-87-5	Benzidine	9.4	J	4.1	8	10	ug/L
129-00-0	Pyrene	7.9		1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	7.3		2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	7.9	J	1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	8.4		0.94	4	5	ug/L
218-01-9	Chrysene	8.6		0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	7.5		1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	7.6	J	2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	8		1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	8.7		1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	8.6		1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	8.7		1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	8.7		1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	7.9		1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	8.5		1.1	4	5	ug/L
123-91-1	1,4-Dioxane	10		1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	8.1		0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	8		0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	103.175	*	10-139			SPK: -0
13127-88-3	Phenol-d6	100.919	*	10-134			SPK: -0
4165-60-0	Nitrobenzene-d5	72.987	*	49-133			SPK: -0
321-60-8	2-Fluorobiphenyl	71.601	*	52-132			SPK: -0
118-79-6	2,4,6-Tribromophenol	102.915	*	44-137			SPK: -0
1718-51-0	Terphenyl-d14	67.638	*	48-125			SPK: -0

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	LOQ-WATER-02-QT4-2024	SDG No.:	BP110824
Lab Sample ID:	P4368-08	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022932.D	1	10/23/2024 12:00:00 AM	11/8/2024 12:00:00 AM	PB164369

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	53633	7.593				
1146-65-2	Naphthalene-d8	206459	10.346				
15067-26-2	Acenaphthene-d10	169404	14.216				
1517-22-2	Phenanthrene-d10	433458	17.016				
1719-03-5	Chrysene-d12	529887	21.463				
1520-96-3	Perylene-d12	639280	24.704				

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	LOD-MDL-WATER-01-QT4-2024	SDG No.:	BP110824
Lab Sample ID:	P4368-07	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022933.D	1	10/23/2024 12:00:00 AM	11/8/2024 12:00:00 AM	PB164369

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	3.8	J	1	8	10	ug/L
110-86-1	Pyridine	3	J	1.6	4	5	ug/L
100-52-7	Benzaldehyde	5.5	J	4	8	10	ug/L
62-53-3	Aniline	4.6	J	1.6	4	5	ug/L
108-95-2	Phenol	3.6	J	0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	3.5	J	1.2	4	5	ug/L
95-57-8	2-Chlorophenol	3.8	J	0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	3.7	J	0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	3.7	J	0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	3.6	J	0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	2.8	J	1.6	8	10	ug/L
95-48-7	2-Methylphenol	3.2	J	1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	3.9	J	1.4	4	5	ug/L
98-86-2	Acetophenone	3.9	J	1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	3.4	J	1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	3.4		1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	3.6	J	1	4	5	ug/L
98-95-3	Nitrobenzene	3.8	J	1.3	4	5	ug/L
78-59-1	Isophorone	3.5	J	1.1	4	5	ug/L
88-75-5	2-Nitrophenol	3.3	J	2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	3.5	J	1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	3.5	J	1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	3.1	J	0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	3.7	J	1.1	4	5	ug/L
65-85-0	Benzoic acid	5.5	U	5.5	8	10	ug/L
91-20-3	Naphthalene	3.6	J	1	4	5	ug/L
106-47-8	4-Chloroaniline	3.4	J	1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	3.5	J	1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	LOD-MDL-WATER-01-QT4-2024	SDG No.:	BP110824
Lab Sample ID:	P4368-07	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022933.D	1	10/23/2024 12:00:00 AM	11/8/2024 12:00:00 AM	PB164369

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	3.4	J	1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	3.3	J	0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	3.6	J	1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	5	U	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	3.2	J	0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	2.8	J	1	4	5	ug/L
92-52-4	1,1-Biphenyl	4	J	0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	3.6	J	0.97	4	5	ug/L
88-74-4	2-Nitroaniline	2.9	J	1.4	4	5	ug/L
131-11-3	Dimethylphthalate	3.6	J	0.93	4	5	ug/L
208-96-8	Acenaphthylene	3.7	J	1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	3.2	J	1.2	4	5	ug/L
99-09-2	3-Nitroaniline	3.1	J	1.4	4	5	ug/L
83-32-9	Acenaphthene	3.5	J	0.81	4	5	ug/L
Total PAH	Total PAH	56.9	J	17.36	4	80	ug/L
51-28-5	2,4-Dinitrophenol	6.4	U	6.4	8	10	ug/L
100-02-7	4-Nitrophenol	2	U	2	8	10	ug/L
132-64-9	Dibenzofuran	3.7	J	0.93	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	6.1	J	2.7	4	10	ug/L
121-14-2	2,4-Dinitrotoluene	2.9	J	1.5	4	5	ug/L
84-66-2	Diethylphthalate	3.5	J	1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	3.5	J	0.98	4	5	ug/L
86-73-7	Fluorene	3.5	J	0.96	4	5	ug/L
100-01-6	4-Nitroaniline	2.9	J	2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	3.1	U	3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	3.5	J	0.89	4	5	ug/L
103-33-3	Azobenzene	3.4	J	1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	3.4	J	0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	3.5	J	1.1	4	5	ug/L
1912-24-9	Atrazine	4.6	J	1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	LOD-MDL-WATER-01-QT4-2024	SDG No.:	BP110824
Lab Sample ID:	P4368-07	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022933.D	1	10/23/2024 12:00:00 AM	11/8/2024 12:00:00 AM	PB164369

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	2.6	J	1.9	8	10	ug/L
85-01-8	Phenanthrene	3.8	J	0.89	4	5	ug/L
120-12-7	Anthracene	3.7	J	1.1	4	5	ug/L
86-74-8	Carbazole	3.3	J	1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	3.2	J	1.5	4	5	ug/L
206-44-0	Fluoranthene	3.3	J	1.3	4	5	ug/L
92-87-5	Benzidine	4.1	J	4.1	8	10	ug/L
129-00-0	Pyrene	3.3	J	1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	3	J	2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	3.2	J	1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	3.6	J	0.94	4	5	ug/L
218-01-9	Chrysene	3.6	J	0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3	J	1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	3	J	2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	3.5	J	1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	3.7	J	1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	3.6	J	1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	3.6	J	1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	3.6	J	1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	3.3	J	1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	3.7	J	1.1	4	5	ug/L
123-91-1	1,4-Dioxane	4.6	J	1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	3.2	J	0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	3.4	J	0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	110.298		10-139		74	SPK: -150
13127-88-3	Phenol-d6	106.317		10-134		71	SPK: -150
4165-60-0	Nitrobenzene-d5	81.574		49-133		82	SPK: -100
321-60-8	2-Fluorobiphenyl	79.829		52-132		80	SPK: -100

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	LOD-MDL-WATER-01-QT4-2024	SDG No.:	BP110824
Lab Sample ID:	P4368-07	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022933.D	1	10/23/2024 12:00:00 AM	11/8/2024 12:00:00 AM	PB164369

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	115.176		44-137		77	SPK: -150
1718-51-0	Terphenyl-d14	80.048		48-125		80	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	55139	7.593				
1146-65-2	Naphthalene-d8	201264	10.346				
15067-26-2	Acenaphthene-d10	165538	14.21				
1517-22-2	Phenanthrene-d10	412067	17.022				
1719-03-5	Chrysene-d12	496962	21.469				
1520-96-3	Perylene-d12	588616	24.698				

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	LOD-MDL-WATER-01-QT4-2024	SDG No.:	BP110824
Lab Sample ID:	P4368-07	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022934.D	1	10/23/2024 12:00:00 AM	11/8/2024 12:00:00 AM	PB164369

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	8.9	J	1	8	10	ug/L
110-86-1	Pyridine	7.4		1.6	4	5	ug/L
100-52-7	Benzaldehyde	11.5		4	8	10	ug/L
62-53-3	Aniline	10.7		1.6	4	5	ug/L
108-95-2	Phenol	8.2		0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	7.7		1.2	4	5	ug/L
95-57-8	2-Chlorophenol	8		0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	8.1		0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	7.8		0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	7.6		0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	7.4	J	1.6	8	10	ug/L
95-48-7	2-Methylphenol	7.6		1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	8.8		1.4	4	5	ug/L
98-86-2	Acetophenone	8.4		1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	7.7	J	1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	8.5		1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	7.7		1	4	5	ug/L
98-95-3	Nitrobenzene	8.4		1.3	4	5	ug/L
78-59-1	Isophorone	8.3		1.1	4	5	ug/L
88-75-5	2-Nitrophenol	7.3		2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	8.3		1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	8.1		1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	7.6		0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	8		1.1	4	5	ug/L
65-85-0	Benzoic acid	6.3	J	5.5	8	10	ug/L
91-20-3	Naphthalene	8		1	4	5	ug/L
106-47-8	4-Chloroaniline	8.8		1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	7.8		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	LOD-MDL-WATER-01-QT4-2024	SDG No.:	BP110824
Lab Sample ID:	P4368-07	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022934.D	1	10/23/2024 12:00:00 AM	11/8/2024 12:00:00 AM	PB164369

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	6.9	J	1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	7.5		0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	8.2		1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	7.5	J	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	7.6		0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	7.3		1	4	5	ug/L
92-52-4	1,1-Biphenyl	8.7		0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	7.8		0.97	4	5	ug/L
88-74-4	2-Nitroaniline	7.4		1.4	4	5	ug/L
131-11-3	Dimethylphthalate	8		0.93	4	5	ug/L
208-96-8	Acenaphthylene	8.7		1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	7.1		1.2	4	5	ug/L
99-09-2	3-Nitroaniline	7.3		1.4	4	5	ug/L
83-32-9	Acenaphthene	7.9		0.81	4	5	ug/L
Total PAH	Total PAH	132.6		17.36	4	80	ug/L
51-28-5	2,4-Dinitrophenol	6.4	U	6.4	8	10	ug/L
100-02-7	4-Nitrophenol	6.2	J	2	8	10	ug/L
132-64-9	Dibenzofuran	8.3		0.93	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	4.2		2.7	4	10	ug/L
121-14-2	2,4-Dinitrotoluene	7.1		1.5	4	5	ug/L
84-66-2	Diethylphthalate	7.7		1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	7.8		0.98	4	5	ug/L
86-73-7	Fluorene	8		0.96	4	5	ug/L
100-01-6	4-Nitroaniline	7.5		2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	6.7	J	3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	8.1		0.89	4	5	ug/L
103-33-3	Azobenzene	8.2		1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	8.1		0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	8.2		1.1	4	5	ug/L
1912-24-9	Atrazine	10.7		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	LOD-MDL-WATER-01-QT4-2024	SDG No.:	BP110824
Lab Sample ID:	P4368-07	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022934.D	1	10/23/2024 12:00:00 AM	11/8/2024 12:00:00 AM	PB164369

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	6.8	J	1.9	8	10	ug/L
85-01-8	Phenanthrene	8.5		0.89	4	5	ug/L
120-12-7	Anthracene	8.8		1.1	4	5	ug/L
86-74-8	Carbazole	7.9		1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	7.7		1.5	4	5	ug/L
206-44-0	Fluoranthene	8		1.3	4	5	ug/L
92-87-5	Benzidine	9.7	J	4.1	8	10	ug/L
129-00-0	Pyrene	7.7		1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	7.2		2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	8.1	J	1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	8.4		0.94	4	5	ug/L
218-01-9	Chrysene	8.7		0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	7.3		1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	7.6	J	2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	8.1		1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	8.1		1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	8.5		1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	8.7		1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	8.6		1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	7.9		1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	8.1		1.1	4	5	ug/L
123-91-1	1,4-Dioxane	8.4		1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.7		0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	7.5		0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	118.322		10-139		79	SPK: -150
13127-88-3	Phenol-d6	119.903		10-134		80	SPK: -150
4165-60-0	Nitrobenzene-d5	88.364		49-133		88	SPK: -100
321-60-8	2-Fluorobiphenyl	88.206		52-132		88	SPK: -100

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	LOD-MDL-WATER-01-QT4-2024	SDG No.:	BP110824
Lab Sample ID:	P4368-07	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022934.D	1	10/23/2024 12:00:00 AM	11/8/2024 12:00:00 AM	PB164369

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	132.856		44-137		89	SPK: -150
1718-51-0	Terphenyl-d14	87.107		48-125		87	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	45992	7.599				
1146-65-2	Naphthalene-d8	172367	10.346				
15067-26-2	Acenaphthene-d10	141999	14.216				
1517-22-2	Phenanthrene-d10	348894	17.022				
1719-03-5	Chrysene-d12	438060	21.463				
1520-96-3	Perylene-d12	570960	24.71				

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	LOD-MDL-SOIL-01-QT4-2024	SDG No.:	BP110824
Lab Sample ID:	P4368-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022935.D	1	10/24/2024 12:00:00 AM	11/8/2024 12:00:00 AM	PB164366

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	130	J	86.8	270	330	ug/Kg
110-86-1	Pyridine	100	J	79.9	130	170	ug/Kg
100-52-7	Benzaldehyde	180	J	180	270	330	ug/Kg
62-53-3	Aniline	150	J	96.9	130	170	ug/Kg
108-95-2	Phenol	130	J	82.9	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	120	J	83.7	130	170	ug/Kg
95-57-8	2-Chlorophenol	130	J	83.5	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	120	J	84.6	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	120	J	86	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	120	J	86.5	130	170	ug/Kg
100-51-6	Benzyl Alcohol	88.7	J	83	270	330	ug/Kg
95-48-7	2-Methylphenol	110	J	80.6	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	130	J	90.9	130	170	ug/Kg
98-86-2	Acetophenone	130	J	86.9	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	110	J	79.8	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	120		40.3	80	80	ug/Kg
67-72-1	Hexachloroethane	130	J	83	130	170	ug/Kg
98-95-3	Nitrobenzene	130	J	90.8	130	170	ug/Kg
78-59-1	Isophorone	120	J	84.6	130	170	ug/Kg
88-75-5	2-Nitrophenol	110	J	94.5	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	130	J	93.2	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	120	J	85.8	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	110	J	75.5	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	120	J	85.4	130	170	ug/Kg
65-85-0	Benzoic acid	240	U	240	270	330	ug/Kg
91-20-3	Naphthalene	130	J	82.6	130	170	ug/Kg
106-47-8	4-Chloroaniline	120	J	82.6	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	120	J	83.3	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	LOD-MDL-SOIL-01-QT4-2024	SDG No.:	BP110824
Lab Sample ID:	P4368-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022935.D	1	10/24/2024 12:00:00 AM	11/8/2024 12:00:00 AM	PB164366

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	100	J	86.8	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	100	J	77.5	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	120	J	82.5	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	160	U	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	110	J	71.4	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	100	J	74	130	170	ug/Kg
92-52-4	1,1-Biphenyl	130	J	87.4	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	120	J	83.3	130	170	ug/Kg
88-74-4	2-Nitroaniline	100	J	95	130	170	ug/Kg
131-11-3	Dimethylphthalate	120	J	81.7	130	170	ug/Kg
208-96-8	Acenaphthylene	130	J	86.5	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	100	J	83.2	130	170	ug/Kg
99-09-2	3-Nitroaniline	100	J	89.2	130	170	ug/Kg
83-32-9	Acenaphthene	120	J	81.1	130	170	ug/Kg
Total PAH	Total PAH	1900	J	1325.1	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	240	U	240	270	330	ug/Kg
100-02-7	4-Nitrophenol	120	U	120	270	330	ug/Kg
132-64-9	Dibenzofuran	120	J	84.4	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	99	J	169.4	130	340	ug/Kg
121-14-2	2,4-Dinitrotoluene	99	J	86.2	130	170	ug/Kg
84-66-2	Diethylphthalate	120	J	80.1	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	120	J	85.6	130	170	ug/Kg
86-73-7	Fluorene	120	J	85.5	130	170	ug/Kg
100-01-6	4-Nitroaniline	110	U	110	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	120	U	120	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	120	J	81.6	130	170	ug/Kg
103-33-3	Azobenzene	120	J	79.6	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	120	J	78.9	130	170	ug/Kg
118-74-1	Hexachlorobenzene	120	J	85	130	170	ug/Kg
1912-24-9	Atrazine	140	J	91.4	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	LOD-MDL-SOIL-01-QT4-2024	SDG No.:	BP110824
Lab Sample ID:	P4368-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022935.D	1	10/24/2024 12:00:00 AM	11/8/2024 12:00:00 AM	PB164366

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	92.6	J	77.3	270	330	ug/Kg
85-01-8	Phenanthrene	120	J	84	130	170	ug/Kg
120-12-7	Anthracene	120	J	84.4	130	170	ug/Kg
86-74-8	Carbazole	110	J	80.3	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	100	J	84.3	130	170	ug/Kg
206-44-0	Fluoranthene	110	J	81.7	130	170	ug/Kg
92-87-5	Benzidine	160	U	160	270	330	ug/Kg
129-00-0	Pyrene	110	J	83	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	96.8	U	96.8	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	J	98.6	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	120	J	80.7	130	170	ug/Kg
218-01-9	Chrysene	120	J	79.5	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	96.4	J	91	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	110	U	110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	110	J	81.1	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	120	J	82.6	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	120	J	93	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	120	J	78.1	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	120	J	81.2	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	110	J	80.1	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	120	J	86.8	130	170	ug/Kg
123-91-1	1,4-Dioxane	140	J	110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	110	J	74.7	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	110	J	83.2	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	111.582		18-112		74	SPK: -150
13127-88-3	Phenol-d6	106.374		15-107		71	SPK: -150
4165-60-0	Nitrobenzene-d5	83.004		18-107		83	SPK: -100
321-60-8	2-Fluorobiphenyl	80.893		20-109		81	SPK: -100

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	LOD-MDL-SOIL-01-QT4-2024	SDG No.:	BP110824
Lab Sample ID:	P4368-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022935.D	1	10/24/2024 12:00:00 AM	11/8/2024 12:00:00 AM	PB164366

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	117.896		10-116		79	SPK: -150
1718-51-0	Terphenyl-d14	82.722		10-105		83	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	52369	7.593				
1146-65-2	Naphthalene-d8	193788	10.346				
15067-26-2	Acenaphthene-d10	158856	14.216				
1517-22-2	Phenanthrene-d10	406037	17.028				
1719-03-5	Chrysene-d12	491231	21.457				
1520-96-3	Perylene-d12	597497	24.692				

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	LOD-MDL-SOIL-01-QT4-2024	SDG No.:	BP110824
Lab Sample ID:	P4368-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022936.D	1	10/24/2024 12:00:00 AM	11/8/2024 12:00:00 AM	PB164366

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	300	J	86.8	270	330	ug/Kg
110-86-1	Pyridine	240		79.9	130	170	ug/Kg
100-52-7	Benzaldehyde	350		180	270	330	ug/Kg
62-53-3	Aniline	350		96.9	130	170	ug/Kg
108-95-2	Phenol	280		82.9	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	290		83.7	130	170	ug/Kg
95-57-8	2-Chlorophenol	270		83.5	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	260		84.6	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	260		86	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	250		86.5	130	170	ug/Kg
100-51-6	Benzyl Alcohol	250	J	83	270	330	ug/Kg
95-48-7	2-Methylphenol	270		80.6	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	300		90.9	130	170	ug/Kg
98-86-2	Acetophenone	290		86.9	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	260	J	79.8	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	300		40.3	80	80	ug/Kg
67-72-1	Hexachloroethane	260		83	130	170	ug/Kg
98-95-3	Nitrobenzene	270		90.8	130	170	ug/Kg
78-59-1	Isophorone	280		84.6	130	170	ug/Kg
88-75-5	2-Nitrophenol	240		94.5	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	280		93.2	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	270		85.8	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	260		75.5	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	260		85.4	130	170	ug/Kg
65-85-0	Benzoic acid	240	U	240	270	330	ug/Kg
91-20-3	Naphthalene	270		82.6	130	170	ug/Kg
106-47-8	4-Chloroaniline	290		82.6	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	250		83.3	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	LOD-MDL-SOIL-01-QT4-2024	SDG No.:	BP110824
Lab Sample ID:	P4368-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022936.D	1	10/24/2024 12:00:00 AM	11/8/2024 12:00:00 AM	PB164366

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	260	J	86.8	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	250		77.5	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	270		82.5	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	250	J	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	260		71.4	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	240		74	130	170	ug/Kg
92-52-4	1,1-Biphenyl	280		87.4	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	260		83.3	130	170	ug/Kg
88-74-4	2-Nitroaniline	240		95	130	170	ug/Kg
131-11-3	Dimethylphthalate	280		81.7	130	170	ug/Kg
208-96-8	Acenaphthylene	290		86.5	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	250		83.2	130	170	ug/Kg
99-09-2	3-Nitroaniline	250		89.2	130	170	ug/Kg
83-32-9	Acenaphthene	270		81.1	130	170	ug/Kg
Total PAH	Total PAH	4380		1325.1	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	240	U	240	270	330	ug/Kg
100-02-7	4-Nitrophenol	190	J	120	270	330	ug/Kg
132-64-9	Dibenzofuran	280		84.4	130	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	250		86.2	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	600		169.4	130	340	ug/Kg
84-66-2	Diethylphthalate	270		80.1	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	270		85.6	130	170	ug/Kg
86-73-7	Fluorene	270		85.5	130	170	ug/Kg
100-01-6	4-Nitroaniline	240		110	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	230	J	120	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	270		81.6	130	170	ug/Kg
103-33-3	Azobenzene	290		79.6	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	270		78.9	130	170	ug/Kg
118-74-1	Hexachlorobenzene	260		85	130	170	ug/Kg
1912-24-9	Atrazine	340		91.4	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	LOD-MDL-SOIL-01-QT4-2024	SDG No.:	BP110824
Lab Sample ID:	P4368-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022936.D	1	10/24/2024 12:00:00 AM	11/8/2024 12:00:00 AM	PB164366

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	230	J	77.3	270	330	ug/Kg
85-01-8	Phenanthrene	280		84	130	170	ug/Kg
120-12-7	Anthracene	290		84.4	130	170	ug/Kg
86-74-8	Carbazole	260		80.3	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	260		84.3	130	170	ug/Kg
206-44-0	Fluoranthene	260		81.7	130	170	ug/Kg
92-87-5	Benzidine	320	J	160	270	330	ug/Kg
129-00-0	Pyrene	260		83	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	240		96.8	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	260	J	98.6	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	280		80.7	130	170	ug/Kg
218-01-9	Chrysene	280		79.5	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	250		91	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	250	J	110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	270		81.1	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	270		82.6	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	280		93	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	280		78.1	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	280		81.2	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	250		80.1	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	270		86.8	130	170	ug/Kg
123-91-1	1,4-Dioxane	290		110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	270		74.7	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	260		83.2	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	118.136		18-112		79	SPK: -150
13127-88-3	Phenol-d6	120.91		15-107		81	SPK: -150
4165-60-0	Nitrobenzene-d5	89.181		18-107		89	SPK: -100
321-60-8	2-Fluorobiphenyl	87.365		20-109		87	SPK: -100

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	LOD-MDL-SOIL-01-QT4-2024	SDG No.:	BP110824
Lab Sample ID:	P4368-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022936.D	1	10/24/2024 12:00:00 AM	11/8/2024 12:00:00 AM	PB164366

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	138.037		10-116		92	SPK: -150
1718-51-0	Terphenyl-d14	88.985		10-105		89	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	49264	7.599				
1146-65-2	Naphthalene-d8	190044	10.346				
15067-26-2	Acenaphthene-d10	159992	14.21				
1517-22-2	Phenanthrene-d10	417330	17.022				
1719-03-5	Chrysene-d12	515124	21.457				
1520-96-3	Perylene-d12	630683	24.698				

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	PB164369BL	SDG No.:	BP110824
Lab Sample ID:	PB164369BL	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022937.D	1	10/23/2024 12:00:00 AM	11/8/2024 12:00:00 AM	PB164369

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1	U	1	8	10	ug/L
110-86-1	Pyridine	1.6	U	1.6	4	5	ug/L
100-52-7	Benzaldehyde	4	U	4	8	10	ug/L
62-53-3	Aniline	1.6	U	1.6	4	5	ug/L
108-95-2	Phenol	0.93	U	0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	1.2	U	1.2	4	5	ug/L
95-57-8	2-Chlorophenol	0.71	U	0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	0.88	U	0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	0.8	U	0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	0.84	U	0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	1.6	U	1.6	8	10	ug/L
95-48-7	2-Methylphenol	1.1	U	1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.4	U	1.4	4	5	ug/L
98-86-2	Acetophenone	1.1	U	1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	1.2	U	1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	1.5	U	1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	1	U	1	4	5	ug/L
98-95-3	Nitrobenzene	1.3	U	1.3	4	5	ug/L
78-59-1	Isophorone	1.1	U	1.1	4	5	ug/L
88-75-5	2-Nitrophenol	2	U	2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	1.5	U	1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1	U	1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	0.88	U	0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.1	U	1.1	4	5	ug/L
65-85-0	Benzoic acid	5.5	U	5.5	8	10	ug/L
91-20-3	Naphthalene	1	U	1	4	5	ug/L
106-47-8	4-Chloroaniline	1.3	U	1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	1.3	U	1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	PB164369BL	SDG No.:	BP110824
Lab Sample ID:	PB164369BL	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022937.D	1	10/23/2024 12:00:00 AM	11/8/2024 12:00:00 AM	PB164369

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1.7	U	1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	0.84	U	0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	1.1	U	1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	5	U	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	0.89	U	0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	1	U	1	4	5	ug/L
92-52-4	1,1-Biphenyl	0.91	U	0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	0.97	U	0.97	4	5	ug/L
88-74-4	2-Nitroaniline	1.4	U	1.4	4	5	ug/L
131-11-3	Dimethylphthalate	0.93	U	0.93	4	5	ug/L
208-96-8	Acenaphthylene	1	U	1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.2	U	1.2	4	5	ug/L
99-09-2	3-Nitroaniline	1.4	U	1.4	4	5	ug/L
83-32-9	Acenaphthene	0.81	U	0.81	4	5	ug/L
Total PAH	Total PAH	17.36	U	17.36	4	80	ug/L
51-28-5	2,4-Dinitrophenol	6.4	U	6.4	8	10	ug/L
100-02-7	4-Nitrophenol	2	U	2	8	10	ug/L
132-64-9	Dibenzofuran	0.93	U	0.93	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2.7	U	2.7	4	10	ug/L
121-14-2	2,4-Dinitrotoluene	1.5	U	1.5	4	5	ug/L
84-66-2	Diethylphthalate	1	U	1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.98	U	0.98	4	5	ug/L
86-73-7	Fluorene	0.96	U	0.96	4	5	ug/L
100-01-6	4-Nitroaniline	2	U	2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	3.1	U	3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	0.89	U	0.89	4	5	ug/L
103-33-3	Azobenzene	1.2	U	1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	0.95	U	0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	1.1	U	1.1	4	5	ug/L
1912-24-9	Atrazine	1.3	U	1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	PB164369BL	SDG No.:	BP110824
Lab Sample ID:	PB164369BL	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022937.D	1	10/23/2024 12:00:00 AM	11/8/2024 12:00:00 AM	PB164369

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1.9	U	1.9	8	10	ug/L
85-01-8	Phenanthrene	0.89	U	0.89	4	5	ug/L
120-12-7	Anthracene	1.1	U	1.1	4	5	ug/L
86-74-8	Carbazole	1.2	U	1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	1.5	U	1.5	4	5	ug/L
206-44-0	Fluoranthene	1.3	U	1.3	4	5	ug/L
92-87-5	Benzidine	4.1	U	4.1	8	10	ug/L
129-00-0	Pyrene	1.1	U	1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	2.1	U	2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.3	U	1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	0.94	U	0.94	4	5	ug/L
218-01-9	Chrysene	0.86	U	0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.9	U	1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	2.5	U	2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.1	U	1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.2	U	1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	1.7	U	1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1	U	1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.1	U	1.1	4	5	ug/L
123-91-1	1,4-Dioxane	1.3	U	1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.79	U	0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	0.86	U	0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	146.032		10-139		97	SPK: -150
13127-88-3	Phenol-d6	132.666		10-134		88	SPK: -150
4165-60-0	Nitrobenzene-d5	95.224		49-133		95	SPK: -100
321-60-8	2-Fluorobiphenyl	97.05		52-132		97	SPK: -100

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	PB164369BL	SDG No.:	BP110824
Lab Sample ID:	PB164369BL	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022937.D	1	10/23/2024 12:00:00 AM	11/8/2024 12:00:00 AM	PB164369

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	134.767		44-137		90	SPK: -150
1718-51-0	Terphenyl-d14	100.442		48-125		100	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	60434	7.593				
1146-65-2	Naphthalene-d8	205441	10.351				
15067-26-2	Acenaphthene-d10	151785	14.216				
1517-22-2	Phenanthrene-d10	366674	17.033				
1719-03-5	Chrysene-d12	471057	21.468				
1520-96-3	Perylene-d12	585630	24.704				
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	4.7	A			4.781	
000556-67-2	Cyclotetrasiloxane, octamethyl-	4.2	J			6.74	

Hit Summary Sheet SW-846

SDG No.: BP110824

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : LOD-MDL-SOIL-01-QT4-2024								
P4368-01	LOD-MDL-SOIL-01-QT	Solid	1,1-Biphenyl	130.000	J	87.4	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	1,2,4,5-Tetrachlorobenzene	120.000	J	86.8	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	1,2,4-Trichlorobenzene	120.000	J	85.4	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	1,2-Dichlorobenzene	120.000	J	84.6	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	1,3-Dichlorobenzene	120.000	J	86	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	1,4-Dichlorobenzene	120.000	J	86.5	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	1,4-Dioxane	140.000	J	110	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	1-Methylnaphthalene	110.000	J	83.2	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	2,2-oxybis(1-Chloropropane)	130.000	J	90.9	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	2,3,4,6-Tetrachlorophenol	110.000	J	74.7	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	2,4,5-Trichlorophenol	100.000	J	74	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	2,4,6-Trichlorophenol	110.000	J	71.4	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	2,4-Dichlorophenol	110.000	J	75.5	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	2,4-Dimethylphenol	130.000	J	93.2	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	2,4-Dinitrotoluene	99.000	J	86.2	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	2,6-Dinitrotoluene	100.000	J	83.2	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	2-Chloronaphthalene	120.000	J	83.3	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	2-Chlorophenol	130.000	J	83.5	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	2-Methylnaphthalene	120.000	J	82.5	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	2-Methylphenol	110.000	J	80.6	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	2-Nitroaniline	100.000	J	95	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	2-Nitrophenol	110.000	J	94.5	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	3+4-Methylphenols	110.000	J	79.8	330	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	3,3-Dichlorobenzidine	110.000	J	98.6	330	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	3-Nitroaniline	100.000	J	89.2	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	4-Bromophenyl-phenylether	120.000	J	78.9	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	4-Chloro-3-methylphenol	100.000	J	77.5	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	4-Chloroaniline	120.000	J	82.6	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	4-Chlorophenyl-phenylether	120.000	J	85.6	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Acenaphthene	120.000	J	81.1	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Acenaphthylene	130.000	J	86.5	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Acetophenone	130.000	J	86.9	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Aniline	150.000	J	96.9	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Anthracene	120.000	J	84.4	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Atrazine	140.000	J	91.4	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Azobenzene	120.000	J	79.6	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Benzaldehyde	180.000	J	180	330	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BP110824

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Benzo(a)anthracene	120.000	J	80.7	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Benzo(a)pyrene	120.000	J	93	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Benzo(b)fluoranthene	110.000	J	81.1	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Benzo(g,h,i)perylene	110.000	J	80.1	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Benzo(k)fluoranthene	120.000	J	82.6	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Benzyl Alcohol	88.700	J	83	330	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	bis(2-Chloroethoxy)methane	120.000	J	85.8	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	bis(2-Chloroethyl)ether	120.000	J	83.7	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Bis(2-ethylhexyl)phthalate	96.400	J	91	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Caprolactam	100.000	J	86.8	330	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Carbazole	110.000	J	80.3	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Chrysene	120.000	J	79.5	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Di-n-butylphthalate	100.000	J	84.3	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Dibenzo(a,h)anthracene	120.000	J	81.2	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Dibenzofuran	120.000	J	84.4	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Diethylphthalate	120.000	J	80.1	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Dimethylphthalate	120.000	J	81.7	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Fluoranthene	110.000	J	81.7	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Fluorene	120.000	J	85.5	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Hexachlorobenzene	120.000	J	85	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Hexachlorobutadiene	120.000	J	83.3	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Hexachloroethane	130.000	J	83	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Indeno(1,2,3-cd)pyrene	120.000	J	78.1	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Isophorone	120.000	J	84.6	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	n-Nitroso-di-n-propylamine	120.000		40.3	80	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	n-Nitrosodimethylamine	130.000	J	86.8	330	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	n-Nitrosodiphenylamine	120.000	J	81.6	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Naphthalene	130.000	J	82.6	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Nitrobenzene	130.000	J	90.8	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Pentachlorophenol	92.600	J	77.3	330	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Phenanthrene	120.000	J	84	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Phenol	130.000	J	82.9	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Pyrene	110.000	J	83	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Pyridine	100.000	J	79.9	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	2,4-Dinitrotoluene/2,6-Dinitrotolu	199.000	J	169.4	340	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Total PAH	1,900.000	J	1325.1	2720	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	1,1-Biphenyl	280.000		87.4	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	1,2,4,5-Tetrachlorobenzene	270.000		86.8	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	1,2,4-Trichlorobenzene	260.000		85.4	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	1,2-Dichlorobenzene	260.000		84.6	170	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BP110824

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4368-01	LOD-MDL-SOIL-01-QT	Solid	1,3-Dichlorobenzene	260.000		86	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	1,4-Dichlorobenzene	250.000		86.5	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	1,4-Dioxane	290.000		110	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	1-Methylnaphthalene	260.000		83.2	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	2,2-oxybis(1-Chloropropane)	300.000		90.9	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	2,3,4,6-Tetrachlorophenol	270.000		74.7	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	2,4,5-Trichlorophenol	240.000		74	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	2,4,6-Trichlorophenol	260.000		71.4	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	2,4-Dichlorophenol	260.000		75.5	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	2,4-Dimethylphenol	280.000		93.2	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	2,4-Dinitrotoluene	250.000		86.2	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	2,6-Dinitrotoluene	250.000		83.2	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	2-Chloronaphthalene	260.000		83.3	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	2-Chlorophenol	270.000		83.5	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	2-Methylnaphthalene	270.000		82.5	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	2-Methylphenol	270.000		80.6	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	2-Nitroaniline	240.000		95	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	2-Nitrophenol	240.000		94.5	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	3+4-Methylphenols	260.000	J	79.8	330	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	3,3-Dichlorobenzidine	260.000	J	98.6	330	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	3-Nitroaniline	250.000		89.2	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	4,6-Dinitro-2-methylphenol	230.000	J	120	330	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	4-Bromophenyl-phenylether	270.000		78.9	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	4-Chloro-3-methylphenol	250.000		77.5	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	4-Chloroaniline	290.000		82.6	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	4-Chlorophenyl-phenylether	270.000		85.6	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	4-Nitroaniline	240.000		110	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	4-Nitrophenol	190.000	J	120	330	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Acenaphthene	270.000		81.1	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Acenaphthylene	290.000		86.5	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Acetophenone	290.000		86.9	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Aniline	350.000		96.9	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Anthracene	290.000		84.4	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Atrazine	340.000		91.4	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Azobenzene	290.000		79.6	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Benzaldehyde	350.000		180	330	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Benzidine	320.000	J	160	330	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Benzo(a)anthracene	280.000		80.7	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Benzo(a)pyrene	280.000		93	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Benzo(b)fluoranthene	270.000		81.1	170	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BP110824

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Benzo(g,h,i)perylene	250.000		80.1	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Benzo(k)fluoranthene	270.000		82.6	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Benzyl Alcohol	250.000	J	83	330	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	bis(2-Chloroethoxy)methane	270.000		85.8	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	bis(2-Chloroethyl)ether	290.000		83.7	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Bis(2-ethylhexyl)phthalate	250.000		91	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Butylbenzylphthalate	240.000		96.8	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Caprolactam	260.000	J	86.8	330	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Carbazole	260.000		80.3	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Chrysene	280.000		79.5	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Di-n-butylphthalate	260.000		84.3	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Di-n-octyl phthalate	250.000	J	110	330	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Dibenzo(a,h)anthracene	280.000		81.2	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Dibenzofuran	280.000		84.4	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Diethylphthalate	270.000		80.1	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Dimethylphthalate	280.000		81.7	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Fluoranthene	260.000		81.7	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Fluorene	270.000		85.5	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Hexachlorobenzene	260.000		85	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Hexachlorobutadiene	250.000		83.3	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Hexachlorocyclopentadiene	250.000	J	160	330	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Hexachloroethane	260.000		83	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Indeno(1,2,3-cd)pyrene	280.000		78.1	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Isophorone	280.000		84.6	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	n-Nitroso-di-n-propylamine	300.000		40.3	80	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	n-Nitrosodimethylamine	300.000	J	86.8	330	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	n-Nitrosodiphenylamine	270.000		81.6	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Naphthalene	270.000		82.6	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Nitrobenzene	270.000		90.8	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Pentachlorophenol	230.000	J	77.3	330	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Phenanthrene	280.000		84	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Phenol	280.000		82.9	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Pyrene	260.000		83	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Pyridine	240.000		79.9	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	2,4-Dinitrotoluene/2,6-Dinitrotolu	500.000		169.4	340	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Total PAH	4,380.000		1325.1	2720	ug/Kg

Total Svoc :

36,315.70

Total Concentration:

36,315.70

Client ID : LOD-MDL-WATER-01-QT4-2024

P4368-07	LOD-MDL-WATER-01-C	Water	1,1-Biphenyl	4.000	J	0.91	5	ug/L
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Hit Summary Sheet SW-846

SDG No.: BP110824

Client:

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units
P4368-07	LOD-MDL-WATER-01-C Water	1,2,4,5-Tetrachlorobenzene	3.700	J	1.1	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	1,2,4-Trichlorobenzene	3.700	J	1.1	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	1,2-Dichlorobenzene	3.700	J	0.88	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	1,3-Dichlorobenzene	3.700	J	0.8	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	1,4-Dichlorobenzene	3.600	J	0.84	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	1,4-Dioxane	4.600	J	1.3	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	1-Methylnaphthalene	3.400	J	0.86	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	2,2-oxybis(1-Chloropropane)	3.900	J	1.4	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	2,3,4,6-Tetrachlorophenol	3.200	J	0.79	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	2,4,5-Trichlorophenol	2.800	J	1	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	2,4,6-Trichlorophenol	3.200	J	0.89	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	2,4-Dichlorophenol	3.100	J	0.88	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	2,4-Dimethylphenol	3.500	J	1.5	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	2,4-Dinitrotoluene	2.900	J	1.5	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	2,6-Dinitrotoluene	3.200	J	1.2	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	2-Chloronaphthalene	3.600	J	0.97	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	2-Chlorophenol	3.800	J	0.71	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	2-Methylnaphthalene	3.600	J	1.1	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	2-Methylphenol	3.200	J	1.1	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	2-Nitroaniline	2.900	J	1.4	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	2-Nitrophenol	3.300	J	2	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	3+4-Methylphenols	3.400	J	1.2	10	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	3,3-Dichlorobenzidine	3.200	J	1.3	10	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	3-Nitroaniline	3.100	J	1.4	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	4-Bromophenyl-phenylether	3.400	J	0.95	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	4-Chloro-3-methylphenol	3.300	J	0.84	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	4-Chloroaniline	3.400	J	1.3	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	4-Chlorophenyl-phenylether	3.500	J	0.98	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	4-Nitroaniline	2.900	J	2	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Acenaphthene	3.500	J	0.81	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Acenaphthylene	3.700	J	1	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Acetophenone	3.900	J	1.1	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Aniline	4.600	J	1.6	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Anthracene	3.700	J	1.1	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Atrazine	4.600	J	1.3	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Azobenzene	3.400	J	1.2	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Benzaldehyde	5.500	J	4	10	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Benzidine	4.100	J	4.1	10	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Benzo(a)anthracene	3.600	J	0.94	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Benzo(a)pyrene	3.600	J	1.7	5	ug/L

Hit Summary Sheet SW-846

SDG No.: BP110824

Client:

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units
P4368-07	LOD-MDL-WATER-01-C Water	Benzo(b)fluoranthene	3.500	J	1.1	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Benzo(g,h,i)perylene	3.300	J	1.2	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Benzo(k)fluoranthene	3.700	J	1.2	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Benzyl Alcohol	2.800	J	1.6	10	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	bis(2-Chloroethoxy)methane	3.500	J	1	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	bis(2-Chloroethyl)ether	3.500	J	1.2	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Bis(2-ethylhexyl)phthalate	3.000	J	1.9	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Butylbenzylphthalate	3.000	J	2.1	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Caprolactam	3.400	J	1.7	10	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Carbazole	3.300	J	1.2	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Chrysene	3.600	J	0.86	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Di-n-butylphthalate	3.200	J	1.5	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Di-n-octyl phthalate	3.000	J	2.5	10	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Dibenzo(a,h)anthracene	3.600	J	1.2	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Dibenzofuran	3.700	J	0.93	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Diethylphthalate	3.500	J	1	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Dimethylphthalate	3.600	J	0.93	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Fluoranthene	3.300	J	1.3	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Fluorene	3.500	J	0.96	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Hexachlorobenzene	3.500	J	1.1	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Hexachlorobutadiene	3.500	J	1.3	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Hexachloroethane	3.600	J	1	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Indeno(1,2,3-cd)pyrene	3.600	J	1	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Isophorone	3.500	J	1.1	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	n-Nitroso-di-n-propylamine	3.400		1.5	2.5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	n-Nitrosodimethylamine	3.800	J	1	10	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	n-Nitrosodiphenylamine	3.500	J	0.89	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Naphthalene	3.600	J	1	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Nitrobenzene	3.800	J	1.3	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Pentachlorophenol	2.600	J	1.9	10	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Phenanthrene	3.800	J	0.89	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Phenol	3.600	J	0.93	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Pyrene	3.300	J	1.1	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Pyridine	3.000	J	1.6	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	2,4-Dinitrotoluene/2,6-Dinitrotolu	6.100	J	2.7	10	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Total PAH	56.900	J	17.36	80	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	1,1-Biphenyl	8.700		0.91	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	1,2,4,5-Tetrachlorobenzene	8.100		1.1	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	1,2,4-Trichlorobenzene	8.000		1.1	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	1,2-Dichlorobenzene	8.100		0.88	5	ug/L

Hit Summary Sheet SW-846

SDG No.: BP110824

Client:

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units
P4368-07	LOD-MDL-WATER-01-C Water	1,3-Dichlorobenzene	7.800		0.8	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	1,4-Dichlorobenzene	7.600		0.84	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	1,4-Dioxane	8.400		1.3	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	1-Methylnaphthalene	7.500		0.86	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	2,2-oxybis(1-Chloropropane)	8.800		1.4	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	2,3,4,6-Tetrachlorophenol	7.700		0.79	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	2,4,5-Trichlorophenol	7.300		1	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	2,4,6-Trichlorophenol	7.600		0.89	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	2,4-Dichlorophenol	7.600		0.88	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	2,4-Dimethylphenol	8.300		1.5	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	2,4-Dinitrotoluene	7.100		1.5	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	2,6-Dinitrotoluene	7.100		1.2	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	2-Chloronaphthalene	7.800		0.97	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	2-Chlorophenol	8.000		0.71	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	2-Methylnaphthalene	8.200		1.1	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	2-Methylphenol	7.600		1.1	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	2-Nitroaniline	7.400		1.4	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	2-Nitrophenol	7.300		2	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	3+4-Methylphenols	7.700	J	1.2	10	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	3,3-Dichlorobenzidine	8.100	J	1.3	10	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	3-Nitroaniline	7.300		1.4	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	4,6-Dinitro-2-methylphenol	6.700	J	3.1	10	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	4-Bromophenyl-phenylether	8.100		0.95	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	4-Chloro-3-methylphenol	7.500		0.84	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	4-Chloroaniline	8.800		1.3	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	4-Chlorophenyl-phenylether	7.800		0.98	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	4-Nitroaniline	7.500		2	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	4-Nitrophenol	6.200	J	2	10	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Acenaphthene	7.900		0.81	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Acenaphthylene	8.700		1	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Acetophenone	8.400		1.1	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Aniline	10.700		1.6	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Anthracene	8.800		1.1	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Atrazine	10.700		1.3	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Azobenzene	8.200		1.2	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Benzaldehyde	11.500		4	10	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Benzidine	9.700	J	4.1	10	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Benzo(a)anthracene	8.400		0.94	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Benzo(a)pyrene	8.500		1.7	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Benzo(b)fluoranthene	8.100		1.1	5	ug/L

Hit Summary Sheet SW-846

SDG No.: BP110824

Client:

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units
P4368-07	LOD-MDL-WATER-01-C Water	Benzo(g,h,i)perylene	7.900		1.2	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Benzo(k)fluoranthene	8.100		1.2	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Benzoic acid	6.300	J	5.5	10	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Benzyl Alcohol	7.400	J	1.6	10	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	bis(2-Chloroethoxy)methane	8.100		1	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	bis(2-Chloroethyl)ether	7.700		1.2	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Bis(2-ethylhexyl)phthalate	7.300		1.9	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Butylbenzylphthalate	7.200		2.1	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Caprolactam	6.900	J	1.7	10	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Carbazole	7.900		1.2	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Chrysene	8.700		0.86	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Di-n-butylphthalate	7.700		1.5	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Di-n-octyl phthalate	7.600	J	2.5	10	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Dibenzo(a,h)anthracene	8.600		1.2	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Dibenzofuran	8.300		0.93	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Diethylphthalate	7.700		1	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Dimethylphthalate	8.000		0.93	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Fluoranthene	8.000		1.3	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Fluorene	8.000		0.96	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Hexachlorobenzene	8.200		1.1	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Hexachlorobutadiene	7.800		1.3	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Hexachlorocyclopentadiene	7.500	J	5	10	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Hexachloroethane	7.700		1	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Indeno(1,2,3-cd)pyrene	8.700		1	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Isophorone	8.300		1.1	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	n-Nitroso-di-n-propylamine	8.500		1.5	2.5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	n-Nitrosodimethylamine	8.900	J	1	10	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	n-Nitrosodiphenylamine	8.100		0.89	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Naphthalene	8.000		1	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Nitrobenzene	8.400		1.3	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Pentachlorophenol	6.800	J	1.9	10	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Phenanthrene	8.500		0.89	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Phenol	8.200		0.93	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Pyrene	7.700		1.1	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Pyridine	7.400		1.6	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	2,4-Dinitrotoluene/2,6-Dinitrotolu	14.200		2.7	10	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Total PAH	132.000		17.36	80	ug/L

Total Svoc :

1,105.70

Total Concentration:

1,105.70



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Hit Summary Sheet
SW-846

SDG No.: BP110824

Client:

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units
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6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BP110724 SAS No.: BP110724 SDG No.: BP110724
Instrument ID: _____ Calibration Date(s): 11/7/2024 : _____
Calibration Time(s): 11:48 _____

LAB FILE ID:		RRF2.5 = BP022914.D			RRF005 = BP022915.D		RRF010 = BP022916.D	
		RRF020 = BP022917.D			RRF040 = BP022918.D		RRF050 = BP022919.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
n-Nitrosodimethylamine		0.549	0.566	0.567	0.558	0.550	0.557	1.5
Pyridine		1.147	1.097	1.199	1.164	1.138	1.155	2.8
2-Fluorophenol		1.048	1.021	1.062	1.067	1.032	1.054	2.0
Benzaldehyde		0.962	0.978	0.987	0.845	0.767	0.849	15.4
Aniline		1.309	1.273	1.298	1.239	1.173	1.225	6.4
Phenol-d6		1.454	1.427	1.504	1.473	1.444	1.470	2.0
Phenol		1.393	1.399	1.501	1.475	1.451	1.456	3.1
bis(2-Chloroethyl)ether		1.144	1.066	1.106	1.097	1.073	1.100	2.5
2-Chlorophenol		1.110	1.082	1.126	1.115	1.071	1.105	2.0
1,2-Dichlorobenzene		1.491	1.422	1.426	1.373	1.333	1.392	4.1
1,3-Dichlorobenzene		1.492	1.411	1.434	1.396	1.372	1.410	3.1
1,4-Dichlorobenzene		1.521	1.441	1.484	1.409	1.389	1.440	3.4
Benzyl Alcohol		1.269	0.961	1.087	1.108	1.091	1.113	8.3
2-Methylphenol		0.965	0.918	1.007	1.010	0.975	0.988	4.0
2,2-oxybis(1-Chloropropane)		1.266	1.216	1.256	1.173	1.140	1.193	4.6
Acetophenone		0.579	0.520	0.528	0.526	0.526	0.532	4.0
3+4-Methylphenols		1.338	1.322	1.421	1.392	1.366	1.381	3.0
n-Nitroso-di-n-propylamine	0.981	1.061	1.020	1.078	1.010	0.956	1.006	4.6
Nitrobenzene-d5		0.432	0.404	0.432	0.427	0.424	0.423	2.5
Hexachloroethane		0.577	0.535	0.543	0.524	0.507	0.533	4.4
Nitrobenzene		0.429	0.427	0.431	0.435	0.428	0.430	1.2
Isophorone		0.729	0.705	0.715	0.717	0.714	0.717	1.2
2-Nitrophenol		0.172	0.163	0.170	0.179	0.182	0.177	4.7
2,4-Dimethylphenol		0.206	0.192	0.200	0.200	0.202	0.202	2.6
bis(2-Chloroethoxy)methane		0.429	0.399	0.407	0.406	0.400	0.407	2.6
2,4-Dichlorophenol		0.333	0.328	0.343	0.358	0.355	0.349	4.2
1,2,4-Trichlorobenzene		0.481	0.440	0.442	0.439	0.436	0.446	3.6
Benzoic acid		0.198	0.215	0.237	0.254	0.264	0.242	11.0
Naphthalene		1.030	0.990	0.995	1.000	1.003	1.002	1.5
4-Chloroaniline		0.357	0.343	0.366	0.365	0.359	0.357	3.0
Hexachlorobutadiene		0.350	0.326	0.323	0.328	0.320	0.327	3.3
Caprolactam		0.106	0.095	0.105	0.106	0.106	0.104	4.3
4-Chloro-3-methylphenol		0.375	0.372	0.397	0.397	0.391	0.389	2.9
2-Methylnaphthalene		0.796	0.724	0.740	0.747	0.743	0.751	3.1
Hexachlorocyclopentadiene			0.143	0.174	0.202	0.197	0.190	14.1
2,4,6-Trichlorophenol		0.414	0.408	0.432	0.437	0.427	0.431	3.7

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BP110724 SAS No.: BP110724 SDG No.: BP110724
Instrument ID: _____ Calibration Date(s): 11/7/2024 : _____
Calibration Time(s): 11:48 _____

LAB FILE ID:		RRF2.5 = BP022914.D			RRF005 = BP022915.D		RRF010 = BP022916.D	
		RRF020 = BP022917.D			RRF040 = BP022918.D		RRF050 = BP022919.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorobiphenyl		1.479	1.374	1.398	1.366	1.343	1.400	3.2
2,4,5-Trichlorophenol		0.485	0.463	0.484	0.496	0.475	0.490	4.0
1,1-Biphenyl		1.403	1.300	1.333	1.326	1.264	1.330	3.2
2-Chloronaphthalene		1.179	1.069	1.106	1.085	1.053	1.103	3.7
2-Nitroaniline		0.311	0.291	0.325	0.327	0.323	0.321	5.0
Dimethylphthalate		1.530	1.428	1.489	1.446	1.419	1.464	2.6
Acenaphthylene		1.555	1.487	1.549	1.529	1.509	1.541	2.2
2,6-Dinitrotoluene		0.328	0.317	0.339	0.331	0.327	0.333	3.1
3-Nitroaniline		0.247	0.256	0.270	0.277	0.276	0.271	5.2
Acenaphthene		1.014	0.965	0.996	0.989	0.949	0.991	2.5
2,4-Dinitrophenol			0.154	0.188	0.217	0.214	0.207	15.0
4-Nitrophenol		0.167	0.178	0.231	0.236	0.237	0.222	16.1
Dibenzofuran		1.804	1.705	1.774	1.696	1.676	1.740	2.8
2,4-Dinitrotoluene		0.438	0.446	0.485	0.487	0.475	0.481	6.6
Diethylphthalate		1.506	1.437	1.456	1.435	1.421	1.456	2.0
4-Chlorophenyl-phenylether		0.873	0.844	0.863	0.830	0.821	0.852	2.5
Fluorene		1.488	1.410	1.461	1.427	1.400	1.446	2.3
4-Nitroaniline		0.218	0.251	0.272	0.292	0.296	0.278	11.9
4,6-Dinitro-2-methylphenol		0.098	0.106	0.116	0.129	0.131	0.122	12.6
n-Nitrosodiphenylamine		0.504	0.486	0.496	0.498	0.488	0.494	2.2
Azobenzene		1.239	1.257	1.293	1.261	1.214	1.252	1.9
2,4,6-Tribromophenol		0.384	0.368	0.386	0.383	0.383	0.388	3.5
4-Bromophenyl-phenylether		0.241	0.239	0.240	0.240	0.240	0.240	1.5
Hexachlorobenzene		0.311	0.312	0.310	0.302	0.298	0.307	1.8
Atrazine		0.203	0.196	0.155	0.184	0.131	0.167	16.4
Pentachlorophenol		0.177	0.184	0.191	0.204	0.202	0.196	6.3
Phenanthrene		0.996	0.963	0.971	0.966	0.947	0.968	1.8
Anthracene		0.906	0.914	0.930	0.936	0.927	0.929	2.1
Carbazole		0.875	0.872	0.908	0.891	0.880	0.887	1.7
Di-n-butylphthalate		0.949	0.988	0.982	1.002	1.009	0.989	2.2
Fluoranthene		1.332	1.337	1.366	1.365	1.330	1.343	1.4
Benzidine		0.384	0.388	0.178	0.474	0.482	0.395	26.2
Pyrene		1.135	1.170	1.194	1.165	1.199	1.184	2.5
Terphenyl-d14		1.056	1.059	1.061	1.044	1.068	1.065	1.4
Butylbenzylphthalate		0.361	0.393	0.398	0.412	0.415	0.404	5.6
3,3-Dichlorobenzidine		0.485	0.481	0.508	0.496	0.517	0.504	3.3

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BP110724 SAS No.: BP110724 SDG No.: BP110724
Instrument ID: _____ Calibration Date(s): 11/7/2024 : _____
Calibration Time(s): 11:48 _____

LAB FILE ID:		RRF2.5 = BP022914.D			RRF005 = BP022915.D		RRF010 = BP022916.D	
		RRF020 = BP022917.D			RRF040 = BP022918.D		RRF050 = BP022919.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Benzo(a)anthracene		1.279	1.244	1.253	1.210	1.230	1.245	1.9
Chrysene		1.178	1.177	1.170	1.150	1.153	1.166	0.9
Bis(2-ethylhexyl)phthalate		0.546	0.558	0.572	0.569	0.593	0.579	4.3
Di-n-octyl phthalate		0.921	0.932	0.942	0.972	1.006	0.968	3.8
Benzo(b)fluoranthene		1.160	1.188	1.136	1.197	1.160	1.175	2.1
Benzo(k)fluoranthene		1.129	1.118	1.129	1.077	1.092	1.110	2.3
Benzo(a)pyrene		1.003	0.979	1.009	1.003	1.000	1.005	1.4
Indeno(1,2,3-cd)pyrene		1.405	1.350	1.352	1.325	1.314	1.349	2.2
Dibenzo(a,h)anthracene		1.181	1.106	1.104	1.074	1.075	1.106	3.3
Benzo(g,h,i)perylene		1.189	1.119	1.128	1.124	1.093	1.133	2.6
1,2,4,5-Tetrachlorobenzene		0.707	0.656	0.673	0.667	0.654	0.677	3.0
1,4-Dioxane		0.499	0.417	0.417	0.422	0.393	0.421	8.6
2,3,4,6-Tetrachlorophenol		0.476	0.452	0.476	0.475	0.458	0.473	2.9
1-Methylnaphthalene		0.762	0.732	0.751	0.750	0.740	0.745	1.5

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP110824 SAS No.: BP110824 SDG NO.: BP110824

EPA Sample No.: SSTDICCC040 Date Analyzed: Nov 8 2024 12:00AM

Lab File ID: BP022918.D Time Analyzed: 09:15

Instrument ID: BNA_P GC Column: ZB-GR ID: 0.25 (mm)

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	72496	7.593	270641	10.35	222935	14.22
UPPER LIMIT	144992	8.093	541282	10.845	445870	14.716
LOWER LIMIT	36248	7.093	135320.5	9.845	111467.5	13.716
EPA SAMPLE NO.						
01 PB164366BL	71448	7.60	250478	10.35	189143	14.21
02 LOD-MDL-WATER-01-QT4-2024	55139	7.59	201264	10.35	165538	14.21
03 LOD-MDL-WATER-01-QT4-2024	45992	7.60	172367	10.35	141999	14.22
04 LOD-MDL-SOIL-01-QT4-2024	52369	7.59	193788	10.35	158856	14.22
05 LOD-MDL-SOIL-01-QT4-2024	49264	7.60	190044	10.35	159992	14.21
06 PB164369BL	60434	7.59	205441	10.35	151785	14.22

IS1 (DCB) = 1,4-Dichlorobenzene-d4

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP110824 SAS No.: BP110824 SDG NO.: BP110824

EPA Sample No.: SSTDCCC040 Date Analyzed: Nov 8 2024 12:00AM

Lab File ID: BP022925.D Time Analyzed: 09:15

Instrument ID: BNA_P GC Column: ZB-GR ID: 0.25 (mm)

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	56063	7.593	218752	10.35	193666	14.22
UPPER LIMIT	112126	8.093	437504	10.846	387332	14.716
LOWER LIMIT	28031.5	7.093	109376	9.846	96833	13.716
EPA SAMPLE NO.						
01 PB164366BL	71448	7.60	250478	10.35	189143	14.21
02 LOD-MDL-WATER-01-QT4-2024	55139	7.59	201264	10.35	165538	14.21
03 LOD-MDL-WATER-01-QT4-2024	45992	7.60	172367	10.35	141999	14.22
04 LOD-MDL-SOIL-01-QT4-2024	52369	7.59	193788	10.35	158856	14.22
05 LOD-MDL-SOIL-01-QT4-2024	49264	7.60	190044	10.35	159992	14.21
06 PB164369BL	60434	7.59	205441	10.35	151785	14.22

IS1 (DCB) = 1,4-Dichlorobenzene-d4

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP110824 SAS No.: BP110824 SDG NO.: BP110824

EPA Sample No.: SSTDICCC040 Date Analyzed: Nov 8 2024 12:00AM

Lab File ID: BP022918.D Time Analyzed: 09:15

Instrument ID: BNA_P GC Column: ZB-GR ID: 0.25 (mm)

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	550938	17.022	656894	21.463	779446	24.698
UPPER LIMIT	1101876	17.522	1313788	21.963	1558892	25.198
LOWER LIMIT	275469	16.522	328447	20.963	389723	24.198
EPA SAMPLE NO.						
01 PB164366BL	458140	17.02	568592	21.45	677061	24.69
02 LOD-MDL-WATER-01-QT4-2024	412067	17.02	496962	21.47	588616	24.70
03 LOD-MDL-WATER-01-QT4-2024	348894	17.02	438060	21.46	570960	24.71
04 LOD-MDL-SOIL-01-QT4-2024	406037	17.03	491231	21.46	597497	24.69
05 LOD-MDL-SOIL-01-QT4-2024	417330	17.02	515124	21.46	630683	24.70
06 PB164369BL	366674	17.03	471057	21.47	585630	24.70

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP110824 SAS No.: BP110824 SDG NO.: BP110824

EPA Sample No.: SSTDCCC040 Date Analyzed: Nov 8 2024 12:00AM

Lab File ID: BP022925.D Time Analyzed: 09:15

Instrument ID: BNA_P GC Column: ZB-GR ID: 0.25 (mm)

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	538205	17.022	653145	21.463	807363	24.692
UPPER LIMIT	1076410	17.522	1306290	21.963	1614726	25.192
LOWER LIMIT	269102.5	16.522	326572.5	20.963	403681.5	24.192
EPA SAMPLE NO.						
01 PB164366BL	458140	17.02	568592	21.45	677061	24.69
02 LOD-MDL-WATER-01-QT4-2024	412067	17.02	496962	21.47	588616	24.70
03 LOD-MDL-WATER-01-QT4-2024	348894	17.02	438060	21.46	570960	24.71
04 LOD-MDL-SOIL-01-QT4-2024	406037	17.03	491231	21.46	597497	24.69
05 LOD-MDL-SOIL-01-QT4-2024	417330	17.02	515124	21.46	630683	24.70
06 PB164369BL	366674	17.03	471057	21.47	585630	24.70

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP110824

Client: _____

Analytical Method: **8270E**

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Low	Limits	
							Qual	Qual		High	RPD
P4368-02	n-Nitrosodimethylamine	330	160	ug/Kg	48		*		70	130	
	n-Nitrosodimethylamine	330	360	ug/Kg	109				70	130	
	n-Nitrosodimethylamine	330	310	ug/Kg	94				70	130	
	Pyridine	170	260	ug/Kg	153		*		70	130	
	Pyridine	170	290	ug/Kg	171		*		70	130	
	Pyridine	170	120	ug/Kg	71				70	130	
	Benzaldehyde	330	450	ug/Kg	136		*		70	130	
	Benzaldehyde	330	220	ug/Kg	67		*		70	130	
	Benzaldehyde	330	390	ug/Kg	118				70	130	
	Aniline	170	380	ug/Kg	224		*		70	130	
	Aniline	170	190	ug/Kg	112				70	130	
	Aniline	170	420	ug/Kg	247		*		70	130	
	Phenol	170	150	ug/Kg	88				70	130	
	Phenol	170	330	ug/Kg	194		*		70	130	
	Phenol	170	300	ug/Kg	176		*		70	130	
	bis(2-Chloroethyl)ether	170	300	ug/Kg	176		*		70	130	
	bis(2-Chloroethyl)ether	170	340	ug/Kg	200		*		70	130	
	bis(2-Chloroethyl)ether	170	160	ug/Kg	94				70	130	
	2-Chlorophenol	170	150	ug/Kg	88				70	130	
	2-Chlorophenol	170	340	ug/Kg	200		*		70	130	
	2-Chlorophenol	170	300	ug/Kg	176		*		70	130	
	1,2-Dichlorobenzene	170	290	ug/Kg	171		*		70	130	
	1,2-Dichlorobenzene	170	330	ug/Kg	194		*		70	130	
	1,2-Dichlorobenzene	170	160	ug/Kg	94				70	130	
	1,3-Dichlorobenzene	170	150	ug/Kg	88				70	130	
	1,3-Dichlorobenzene	170	330	ug/Kg	194		*		70	130	
	1,3-Dichlorobenzene	170	300	ug/Kg	176		*		70	130	
	1,4-Dichlorobenzene	170	300	ug/Kg	176		*		70	130	
	1,4-Dichlorobenzene	170	330	ug/Kg	194		*		70	130	
	1,4-Dichlorobenzene	170	160	ug/Kg	94				70	130	
	Benzyl Alcohol	330	130	ug/Kg	39		*		70	130	
	Benzyl Alcohol	330	280	ug/Kg	85				70	130	
	Benzyl Alcohol	330	250	ug/Kg	76				70	130	
	2-Methylphenol	170	280	ug/Kg	165		*		70	130	
	2-Methylphenol	170	320	ug/Kg	188		*		70	130	
	2-Methylphenol	170	140	ug/Kg	82				70	130	
	2,2-oxybis(1-Chloropropane)	170	160	ug/Kg	94				70	130	
	2,2-oxybis(1-Chloropropane)	170	360	ug/Kg	212		*		70	130	
	2,2-oxybis(1-Chloropropane)	170	310	ug/Kg	182		*		70	130	
	Acetophenone	170	300	ug/Kg	176		*		70	130	
	Acetophenone	170	350	ug/Kg	206		*		70	130	
	Acetophenone	170	160	ug/Kg	94				70	130	
	3+4-Methylphenols	330	130	ug/Kg	39		*		70	130	
	3+4-Methylphenols	330	310	ug/Kg	94				70	130	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP110824

Client: _____

Analytical Method: 8270E

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Low	Limits	
							Qual	Qual		High	RPD
P4368-02	3+4-Methylphenols	330	270	ug/Kg	82				70	130	
	N-Nitroso-di-n-propylamine	80	290	ug/Kg	363		*		70	130	
	N-Nitroso-di-n-propylamine	80	160	ug/Kg	200		*		70	130	
	N-Nitroso-di-n-propylamine	80	330	ug/Kg	413		*		70	130	
	Hexachloroethane	170	330	ug/Kg	194		*		70	130	
	Hexachloroethane	170	160	ug/Kg	94				70	130	
	Hexachloroethane	170	280	ug/Kg	165		*		70	130	
	Nitrobenzene	170	290	ug/Kg	171		*		70	130	
	Nitrobenzene	170	170	ug/Kg	100				70	130	
	Nitrobenzene	170	350	ug/Kg	206		*		70	130	
	Isophorone	170	340	ug/Kg	200		*		70	130	
	Isophorone	170	150	ug/Kg	88				70	130	
	Isophorone	170	290	ug/Kg	171		*		70	130	
	2-Nitrophenol	170	260	ug/Kg	153		*		70	130	
	2-Nitrophenol	170	140	ug/Kg	82				70	130	
	2-Nitrophenol	170	320	ug/Kg	188		*		70	130	
	2,4-Dimethylphenol	170	290	ug/Kg	171		*		70	130	
	2,4-Dimethylphenol	170	120	ug/Kg	71				70	130	
	2,4-Dimethylphenol	170	240	ug/Kg	141		*		70	130	
	bis(2-Chloroethoxy)methane	170	280	ug/Kg	165		*		70	130	
	bis(2-Chloroethoxy)methane	170	150	ug/Kg	88				70	130	
	bis(2-Chloroethoxy)methane	170	330	ug/Kg	194		*		70	130	
	2,4-Dichlorophenol	170	310	ug/Kg	182		*		70	130	
	2,4-Dichlorophenol	170	140	ug/Kg	82				70	130	
	2,4-Dichlorophenol	170	270	ug/Kg	159		*		70	130	
	1,2,4-Trichlorobenzene	170	270	ug/Kg	159		*		70	130	
	1,2,4-Trichlorobenzene	170	150	ug/Kg	88				70	130	
	1,2,4-Trichlorobenzene	170	320	ug/Kg	188		*		70	130	
	Benzoic acid	330	480	ug/Kg	145		*		70	130	
	Benzoic acid	330	0	ug/Kg	0		*		70	130	
	Benzoic acid	330	390	ug/Kg	118				70	130	
	Naphthalene	170	280	ug/Kg	165		*		70	130	
	Naphthalene	170	150	ug/Kg	88				70	130	
	Naphthalene	170	330	ug/Kg	194		*		70	130	
	4-Chloroaniline	170	350	ug/Kg	206		*		70	130	
	4-Chloroaniline	170	150	ug/Kg	88				70	130	
	4-Chloroaniline	170	300	ug/Kg	176		*		70	130	
	Hexachlorobutadiene	170	270	ug/Kg	159		*		70	130	
	Hexachlorobutadiene	170	150	ug/Kg	88				70	130	
	Hexachlorobutadiene	170	320	ug/Kg	188		*		70	130	
	Caprolactam	330	140	ug/Kg	42		*		70	130	
	Caprolactam	330	310	ug/Kg	94				70	130	
	Caprolactam	330	270	ug/Kg	82				70	130	
	4-Chloro-3-methylphenol	170	270	ug/Kg	159		*		70	130	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP110824

Client: _____

Analytical Method: 8270E

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Low	Limits	
							Qual	Qual		High	RPD
P4368-02	4-Chloro-3-methylphenol	170	310	ug/Kg	182		*		70	130	
	4-Chloro-3-methylphenol	170	140	ug/Kg	82				70	130	
	2-Methylnaphthalene	170	150	ug/Kg	88				70	130	
	2-Methylnaphthalene	170	330	ug/Kg	194		*		70	130	
	2-Methylnaphthalene	170	280	ug/Kg	165		*		70	130	
	Hexachlorocyclopentadiene	330	230	ug/Kg	70				70	130	
	Hexachlorocyclopentadiene	330	0	ug/Kg	0		*		70	130	
	Hexachlorocyclopentadiene	330	280	ug/Kg	85				70	130	
	2,4,6-Trichlorophenol	170	140	ug/Kg	82				70	130	
	2,4,6-Trichlorophenol	170	310	ug/Kg	182		*		70	130	
	2,4,6-Trichlorophenol	170	260	ug/Kg	153		*		70	130	
	2,4,5-Trichlorophenol	170	250	ug/Kg	147		*		70	130	
	2,4,5-Trichlorophenol	170	310	ug/Kg	182		*		70	130	
	2,4,5-Trichlorophenol	170	130	ug/Kg	76				70	130	
	1,1-Biphenyl	170	160	ug/Kg	94				70	130	
	1,1-Biphenyl	170	340	ug/Kg	200		*		70	130	
	1,1-Biphenyl	170	290	ug/Kg	171		*		70	130	
	2-Chloronaphthalene	170	270	ug/Kg	159		*		70	130	
	2-Chloronaphthalene	170	330	ug/Kg	194		*		70	130	
	2-Chloronaphthalene	170	150	ug/Kg	88				70	130	
	2-Nitroaniline	170	140	ug/Kg	82				70	130	
	2-Nitroaniline	170	300	ug/Kg	176		*		70	130	
	2-Nitroaniline	170	240	ug/Kg	141		*		70	130	
	Dimethylphthalate	170	280	ug/Kg	165		*		70	130	
	Dimethylphthalate	170	340	ug/Kg	200		*		70	130	
	Dimethylphthalate	170	150	ug/Kg	88				70	130	
	Acenaphthylene	170	160	ug/Kg	94				70	130	
	Acenaphthylene	170	360	ug/Kg	212		*		70	130	
	Acenaphthylene	170	300	ug/Kg	176		*		70	130	
	2,6-Dinitrotoluene	170	250	ug/Kg	147		*		70	130	
	2,6-Dinitrotoluene	170	300	ug/Kg	176		*		70	130	
	2,6-Dinitrotoluene	170	130	ug/Kg	76				70	130	
	3-Nitroaniline	170	130	ug/Kg	76				70	130	
	3-Nitroaniline	170	310	ug/Kg	182		*		70	130	
	3-Nitroaniline	170	260	ug/Kg	153		*		70	130	
	Acenaphthene	170	280	ug/Kg	165		*		70	130	
	Acenaphthene	170	320	ug/Kg	188		*		70	130	
	Acenaphthene	170	140	ug/Kg	82				70	130	
	2,4-Dinitrophenol	330	0	ug/Kg	0		*		70	130	
	2,4-Dinitrophenol	330	250	ug/Kg	76				70	130	
	2,4-Dinitrophenol	330	0	ug/Kg	0		*		70	130	
	4-Nitrophenol	330	220	ug/Kg	67		*		70	130	
	4-Nitrophenol	330	270	ug/Kg	82				70	130	
	4-Nitrophenol	330	0	ug/Kg	0		*		70	130	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP110824

Client: _____

Analytical Method: 8270E

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Low	Limits	
							Qual	Qual		High	RPD
P4368-02	Dibenzofuran	170	150	ug/Kg	88				70	130	
	Dibenzofuran	170	340	ug/Kg	200		*		70	130	
	Dibenzofuran	170	290	ug/Kg	171		*		70	130	
	2,4-Dinitrotoluene	170	240	ug/Kg	141		*		70	130	
	2,4-Dinitrotoluene	170	310	ug/Kg	182		*		70	130	
	2,4-Dinitrotoluene	170	120	ug/Kg	71				70	130	
	Diethylphthalate	170	150	ug/Kg	88				70	130	
	Diethylphthalate	170	320	ug/Kg	188		*		70	130	
	Diethylphthalate	170	270	ug/Kg	159		*		70	130	
	4-Chlorophenyl-phenylether	170	270	ug/Kg	159		*		70	130	
	4-Chlorophenyl-phenylether	170	330	ug/Kg	194		*		70	130	
	4-Chlorophenyl-phenylether	170	150	ug/Kg	88				70	130	
	Fluorene	170	150	ug/Kg	88				70	130	
	Fluorene	170	330	ug/Kg	194		*		70	130	
	Fluorene	170	280	ug/Kg	165		*		70	130	
	4-Nitroaniline	170	240	ug/Kg	141		*		70	130	
	4-Nitroaniline	170	130	ug/Kg	76				70	130	
	4-Nitroaniline	170	320	ug/Kg	188		*		70	130	
	4,6-Dinitro-2-methylphenol	330	460	ug/Kg	139		*		70	130	
	4,6-Dinitro-2-methylphenol	330	120	ug/Kg	36		*		70	130	
	4,6-Dinitro-2-methylphenol	330	370	ug/Kg	112				70	130	
	N-Nitrosodiphenylamine	170	280	ug/Kg	165		*		70	130	
	N-Nitrosodiphenylamine	170	140	ug/Kg	82				70	130	
	N-Nitrosodiphenylamine	170	320	ug/Kg	188		*		70	130	
	Azobenzene	170	340	ug/Kg	200		*		70	130	
	Azobenzene	170	150	ug/Kg	88				70	130	
	Azobenzene	170	280	ug/Kg	165		*		70	130	
	4-Bromophenyl-phenylether	170	270	ug/Kg	159		*		70	130	
	4-Bromophenyl-phenylether	170	150	ug/Kg	88				70	130	
	4-Bromophenyl-phenylether	170	310	ug/Kg	182		*		70	130	
	Hexachlorobenzene	170	150	ug/Kg	88				70	130	
	Hexachlorobenzene	170	320	ug/Kg	188		*		70	130	
	Hexachlorobenzene	170	270	ug/Kg	159		*		70	130	
	Atrazine	170	350	ug/Kg	206		*		70	130	
	Atrazine	170	190	ug/Kg	112				70	130	
	Atrazine	170	420	ug/Kg	247		*		70	130	
	Pentachlorophenol	330	130	ug/Kg	39		*		70	130	
	Pentachlorophenol	330	290	ug/Kg	88				70	130	
	Pentachlorophenol	330	220	ug/Kg	67		*		70	130	
	Phenanthrene	170	280	ug/Kg	165		*		70	130	
	Phenanthrene	170	330	ug/Kg	194		*		70	130	
	Phenanthrene	170	150	ug/Kg	88				70	130	
	Anthracene	170	340	ug/Kg	200		*		70	130	
	Anthracene	170	140	ug/Kg	82				70	130	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP110824

Client: _____

Analytical Method: 8270E

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Low	Limits	
							Qual	Qual		High	RPD
P4368-02	Anthracene	170	290	ug/Kg	171		*		70	130	
	Carbazole	170	270	ug/Kg	159		*		70	130	
	Carbazole	170	140	ug/Kg	82				70	130	
	Carbazole	170	330	ug/Kg	194		*		70	130	
	Di-n-butylphthalate	170	310	ug/Kg	182		*		70	130	
	Di-n-butylphthalate	170	140	ug/Kg	82				70	130	
	Di-n-butylphthalate	170	250	ug/Kg	147		*		70	130	
	Fluoranthene	170	260	ug/Kg	153		*		70	130	
	Fluoranthene	170	140	ug/Kg	82				70	130	
	Fluoranthene	170	320	ug/Kg	188		*		70	130	
	Benzidine	330	390	ug/Kg	118				70	130	
	Benzidine	330	0	ug/Kg	0		*		70	130	
	Benzidine	330	310	ug/Kg	94				70	130	
	Pyrene	170	260	ug/Kg	153		*		70	130	
	Pyrene	170	140	ug/Kg	82				70	130	
	Pyrene	170	290	ug/Kg	171		*		70	130	
	Butylbenzylphthalate	170	290	ug/Kg	171		*		70	130	
	Butylbenzylphthalate	170	130	ug/Kg	76				70	130	
	Butylbenzylphthalate	170	240	ug/Kg	141		*		70	130	
	3,3-Dichlorobenzidine	330	260	ug/Kg	79				70	130	
	3,3-Dichlorobenzidine	330	130	ug/Kg	39		*		70	130	
	3,3-Dichlorobenzidine	330	310	ug/Kg	94				70	130	
	Benzo(a)anthracene	170	320	ug/Kg	188		*		70	130	
	Benzo(a)anthracene	170	150	ug/Kg	88				70	130	
	Benzo(a)anthracene	170	280	ug/Kg	165		*		70	130	
	Chrysene	170	280	ug/Kg	165		*		70	130	
	Chrysene	170	150	ug/Kg	88				70	130	
	Chrysene	170	330	ug/Kg	194		*		70	130	
	bis(2-Ethylhexyl)phthalate	170	290	ug/Kg	171		*		70	130	
	bis(2-Ethylhexyl)phthalate	170	130	ug/Kg	76				70	130	
	bis(2-Ethylhexyl)phthalate	170	250	ug/Kg	147		*		70	130	
	Di-n-octyl phthalate	330	260	ug/Kg	79				70	130	
	Di-n-octyl phthalate	330	140	ug/Kg	42		*		70	130	
	Di-n-octyl phthalate	330	300	ug/Kg	91				70	130	
	Benzo(b)fluoranthene	170	320	ug/Kg	188		*		70	130	
	Benzo(b)fluoranthene	170	150	ug/Kg	88				70	130	
	Benzo(b)fluoranthene	170	270	ug/Kg	159		*		70	130	
	Benzo(k)fluoranthene	170	290	ug/Kg	171		*		70	130	
	Benzo(k)fluoranthene	170	150	ug/Kg	88				70	130	
	Benzo(k)fluoranthene	170	330	ug/Kg	194		*		70	130	
	Benzo(a)pyrene	170	350	ug/Kg	206		*		70	130	
	Benzo(a)pyrene	170	150	ug/Kg	88				70	130	
	Benzo(a)pyrene	170	290	ug/Kg	171		*		70	130	
	Indeno(1,2,3-cd)pyrene	170	290	ug/Kg	171		*		70	130	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP110824

Client: _____

Analytical Method: **8270E**

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Low	Limits	
							Qual	Qual		High	RPD
P4368-02	Indeno(1,2,3-cd)pyrene	170	160	ug/Kg	94				70	130	
	Indeno(1,2,3-cd)pyrene	170	350	ug/Kg	206		*		70	130	
	Dibenz(a,h)anthracene	170	160	ug/Kg	94				70	130	
	Dibenz(a,h)anthracene	170	340	ug/Kg	200		*		70	130	
	Dibenz(a,h)anthracene	170	290	ug/Kg	171		*		70	130	
	Benzo(g,h,i)perylene	170	260	ug/Kg	153		*		70	130	
	Benzo(g,h,i)perylene	170	310	ug/Kg	182		*		70	130	
	Benzo(g,h,i)perylene	170	150	ug/Kg	88				70	130	
	1,2,4,5-Tetrachlorobenzene	170	150	ug/Kg	88				70	130	
	1,2,4,5-Tetrachlorobenzene	170	340	ug/Kg	200		*		70	130	
	1,2,4,5-Tetrachlorobenzene	170	280	ug/Kg	165		*		70	130	
	1,4-Dioxane	170	330	ug/Kg	194		*		70	130	
	1,4-Dioxane	170	370	ug/Kg	218		*		70	130	
	1,4-Dioxane	170	160	ug/Kg	94				70	130	
	2,3,4,6-Tetrachlorophenol	170	150	ug/Kg	88				70	130	
	2,3,4,6-Tetrachlorophenol	170	320	ug/Kg	188		*		70	130	
	2,3,4,6-Tetrachlorophenol	170	280	ug/Kg	165		*		70	130	
	1-Methylnaphthalene	170	260	ug/Kg	153		*		70	130	
	1-Methylnaphthalene	170	310	ug/Kg	182		*		70	130	
	1-Methylnaphthalene	170	140	ug/Kg	82				70	130	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP110824

Client: _____

Analytical Method: **8270E**

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Low	Limits	
							Qual	Qual		High	RPD
P4368-08	n-Nitrosodimethylamine	10	4.6	ug/L	46		*		70	130	
	n-Nitrosodimethylamine	10	10.6	ug/L	106				70	130	
	n-Nitrosodimethylamine	10	8.8	ug/L	88				70	130	
	Pyridine	5	7.7	ug/L	154		*		70	130	
	Pyridine	5	9.2	ug/L	184		*		70	130	
	Pyridine	5	4.1	ug/L	82				70	130	
	Benzaldehyde	10	13.3	ug/L	133		*		70	130	
	Benzaldehyde	10	6.7	ug/L	67		*		70	130	
	Benzaldehyde	10	11.8	ug/L	118				70	130	
	Aniline	5	11.1	ug/L	222		*		70	130	
	Aniline	5	5.6	ug/L	112				70	130	
	Aniline	5	12.7	ug/L	254		*		70	130	
	Phenol	5	4.6	ug/L	92				70	130	
	Phenol	5	8.8	ug/L	176		*		70	130	
	Phenol	5	10.2	ug/L	204		*		70	130	
	bis(2-Chloroethyl)ether	5	10.3	ug/L	206		*		70	130	
	bis(2-Chloroethyl)ether	5	8.9	ug/L	178		*		70	130	
	bis(2-Chloroethyl)ether	5	4.5	ug/L	90				70	130	
	2-Chlorophenol	5	4.7	ug/L	94				70	130	
	2-Chlorophenol	5	10.3	ug/L	206		*		70	130	
	2-Chlorophenol	5	9.1	ug/L	182		*		70	130	
	1,2-Dichlorobenzene	5	8.5	ug/L	170		*		70	130	
	1,2-Dichlorobenzene	5	10	ug/L	200		*		70	130	
	1,2-Dichlorobenzene	5	4.7	ug/L	94				70	130	
	1,3-Dichlorobenzene	5	4.5	ug/L	90				70	130	
	1,3-Dichlorobenzene	5	9.9	ug/L	198		*		70	130	
	1,3-Dichlorobenzene	5	8.4	ug/L	168		*		70	130	
	1,4-Dichlorobenzene	5	8.7	ug/L	174		*		70	130	
	1,4-Dichlorobenzene	5	9.9	ug/L	198		*		70	130	
	1,4-Dichlorobenzene	5	4.5	ug/L	90				70	130	
	Benzyl Alcohol	10	3.6	ug/L	36		*		70	130	
	Benzyl Alcohol	10	9.5	ug/L	95				70	130	
	Benzyl Alcohol	10	7.5	ug/L	75				70	130	
	2-Methylphenol	5	7.9	ug/L	158		*		70	130	
	2-Methylphenol	5	4.3	ug/L	86				70	130	
	2-Methylphenol	5	9.5	ug/L	190		*		70	130	
	2,2-oxybis(1-Chloropropane)	5	11.2	ug/L	224		*		70	130	
	2,2-oxybis(1-Chloropropane)	5	4.8	ug/L	96				70	130	
	2,2-oxybis(1-Chloropropane)	5	9.2	ug/L	184		*		70	130	
	Acetophenone	5	8.7	ug/L	174		*		70	130	
	Acetophenone	5	4.8	ug/L	96				70	130	
	Acetophenone	5	10.4	ug/L	208		*		70	130	
	3+4-Methylphenols	10	9.7	ug/L	97				70	130	
	3+4-Methylphenols	10	4.1	ug/L	41		*		70	130	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP110824

Client: _____

Analytical Method: 8270E

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Low	Limits	
							Qual	Qual		High	RPD
P4368-08	3+4-Methylphenols	10	8	ug/L	80				70	130	
	N-Nitroso-di-n-propylamine	2.5	10.7	ug/L	428		*		70	130	
	N-Nitroso-di-n-propylamine	2.5	8.9	ug/L	356		*		70	130	
	N-Nitroso-di-n-propylamine	2.5	4.6	ug/L	184		*		70	130	
	Hexachloroethane	5	4.4	ug/L	88				70	130	
	Hexachloroethane	5	8.4	ug/L	168		*		70	130	
	Hexachloroethane	5	10	ug/L	200		*		70	130	
	Nitrobenzene	5	10.2	ug/L	204		*		70	130	
	Nitrobenzene	5	8.7	ug/L	174		*		70	130	
	Nitrobenzene	5	4.3	ug/L	86				70	130	
	Isophorone	5	4.6	ug/L	92				70	130	
	Isophorone	5	8.6	ug/L	172		*		70	130	
	Isophorone	5	10.2	ug/L	204		*		70	130	
	2-Nitrophenol	5	7.6	ug/L	152		*		70	130	
	2-Nitrophenol	5	9	ug/L	180		*		70	130	
	2-Nitrophenol	5	4	ug/L	80				70	130	
	2,4-Dimethylphenol	5	5.4	ug/L	108				70	130	
	2,4-Dimethylphenol	5	8.6	ug/L	172		*		70	130	
	2,4-Dimethylphenol	5	7	ug/L	140		*		70	130	
	bis(2-Chloroethoxy)methane	5	10.1	ug/L	202		*		70	130	
	bis(2-Chloroethoxy)methane	5	8.5	ug/L	170		*		70	130	
	bis(2-Chloroethoxy)methane	5	4.5	ug/L	90				70	130	
	2,4-Dichlorophenol	5	4	ug/L	80				70	130	
	2,4-Dichlorophenol	5	9.5	ug/L	190		*		70	130	
	2,4-Dichlorophenol	5	7.8	ug/L	156		*		70	130	
	1,2,4-Trichlorobenzene	5	8.2	ug/L	164		*		70	130	
	1,2,4-Trichlorobenzene	5	9.6	ug/L	192		*		70	130	
	1,2,4-Trichlorobenzene	5	4.3	ug/L	86				70	130	
	Benzoic acid	10	0	ug/L	0		*		70	130	
	Benzoic acid	10	14.4	ug/L	144		*		70	130	
	Benzoic acid	10	11.9	ug/L	119				70	130	
	Naphthalene	5	8.4	ug/L	168		*		70	130	
	Naphthalene	5	10.1	ug/L	202		*		70	130	
	Naphthalene	5	4.6	ug/L	92				70	130	
	4-Chloroaniline	5	10.9	ug/L	218		*		70	130	
	4-Chloroaniline	5	4.8	ug/L	96				70	130	
	4-Chloroaniline	5	8.8	ug/L	176		*		70	130	
	Hexachlorobutadiene	5	8	ug/L	160		*		70	130	
	Hexachlorobutadiene	5	9.5	ug/L	190		*		70	130	
	Hexachlorobutadiene	5	4.5	ug/L	90				70	130	
	Caprolactam	10	4.2	ug/L	42		*		70	130	
	Caprolactam	10	9	ug/L	90				70	130	
	Caprolactam	10	7.4	ug/L	74				70	130	
	4-Chloro-3-methylphenol	5	7.9	ug/L	158		*		70	130	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP110824

Client: _____

Analytical Method: **8270E**

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Low	Limits	
							Qual	Qual		High	RPD
P4368-08	4-Chloro-3-methylphenol	5	9.6	ug/L	192		*		70	130	
	4-Chloro-3-methylphenol	5	4.1	ug/L	82				70	130	
	2-Methylnaphthalene	5	4.5	ug/L	90				70	130	
	2-Methylnaphthalene	5	9.9	ug/L	198		*		70	130	
	2-Methylnaphthalene	5	8.4	ug/L	168		*		70	130	
	Hexachlorocyclopentadiene	10	8.5	ug/L	85				70	130	
	Hexachlorocyclopentadiene	10	6.8	ug/L	68				70	130	
	Hexachlorocyclopentadiene	10	0	ug/L	0		*		70	130	
	2,4,6-Trichlorophenol	5	9.1	ug/L	182		*		70	130	
	2,4,6-Trichlorophenol	5	4.1	ug/L	82				70	130	
	2,4,6-Trichlorophenol	5	7.9	ug/L	158		*		70	130	
	2,4,5-Trichlorophenol	5	7.5	ug/L	150		*		70	130	
	2,4,5-Trichlorophenol	5	4	ug/L	80				70	130	
	2,4,5-Trichlorophenol	5	8.5	ug/L	170		*		70	130	
	1,1-Biphenyl	5	10	ug/L	200		*		70	130	
	1,1-Biphenyl	5	4.9	ug/L	98				70	130	
	1,1-Biphenyl	5	8.8	ug/L	176		*		70	130	
	2-Chloronaphthalene	5	8.2	ug/L	164		*		70	130	
	2-Chloronaphthalene	5	4.4	ug/L	88				70	130	
	2-Chloronaphthalene	5	9.5	ug/L	190		*		70	130	
	2-Nitroaniline	5	9.2	ug/L	184		*		70	130	
	2-Nitroaniline	5	3.8	ug/L	76				70	130	
	2-Nitroaniline	5	7.6	ug/L	152		*		70	130	
	Dimethylphthalate	5	9.7	ug/L	194		*		70	130	
	Dimethylphthalate	5	8.4	ug/L	168		*		70	130	
	Dimethylphthalate	5	4.4	ug/L	88				70	130	
	Acenaphthylene	5	10.4	ug/L	208		*		70	130	
	Acenaphthylene	5	4.7	ug/L	94				70	130	
	Acenaphthylene	5	8.9	ug/L	178		*		70	130	
	2,6-Dinitrotoluene	5	7.7	ug/L	154		*		70	130	
	2,6-Dinitrotoluene	5	3.9	ug/L	78				70	130	
	2,6-Dinitrotoluene	5	9	ug/L	180		*		70	130	
	3-Nitroaniline	5	9.1	ug/L	182		*		70	130	
	3-Nitroaniline	5	4.1	ug/L	82				70	130	
	3-Nitroaniline	5	7.8	ug/L	156		*		70	130	
	Acenaphthene	5	8.3	ug/L	166		*		70	130	
	Acenaphthene	5	4.3	ug/L	86				70	130	
	Acenaphthene	5	9.6	ug/L	192		*		70	130	
	2,4-Dinitrophenol	10	7.4	ug/L	74				70	130	
	2,4-Dinitrophenol	10	0	ug/L	0		*		70	130	
	2,4-Dinitrophenol	10	0	ug/L	0		*		70	130	
	4-Nitrophenol	10	6.6	ug/L	66		*		70	130	
	4-Nitrophenol	10	3	ug/L	30		*		70	130	
	4-Nitrophenol	10	8.5	ug/L	85				70	130	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP110824

Client: _____

Analytical Method: 8270E

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Low	Limits	
							Qual	Qual		High	RPD
P4368-08	Dibenzofuran	5	4.5	ug/L	90				70	130	
	Dibenzofuran	5	8.5	ug/L	170		*		70	130	
	Dibenzofuran	5	10.2	ug/L	204		*		70	130	
	2,4-Dinitrotoluene	5	7.5	ug/L	150		*		70	130	
	2,4-Dinitrotoluene	5	8.9	ug/L	178		*		70	130	
	2,4-Dinitrotoluene	5	3.7	ug/L	74				70	130	
	Diethylphthalate	5	4.3	ug/L	86				70	130	
	Diethylphthalate	5	9.8	ug/L	196		*		70	130	
	Diethylphthalate	5	8.3	ug/L	166		*		70	130	
	4-Chlorophenyl-phenylether	5	8.1	ug/L	162		*		70	130	
	4-Chlorophenyl-phenylether	5	9.5	ug/L	190		*		70	130	
	4-Chlorophenyl-phenylether	5	4.5	ug/L	90				70	130	
	Fluorene	5	4.3	ug/L	86				70	130	
	Fluorene	5	8.2	ug/L	164		*		70	130	
	Fluorene	5	9.5	ug/L	190		*		70	130	
	4-Nitroaniline	5	7.3	ug/L	146		*		70	130	
	4-Nitroaniline	5	9.1	ug/L	182		*		70	130	
	4-Nitroaniline	5	3.8	ug/L	76				70	130	
	4,6-Dinitro-2-methylphenol	10	3.5	ug/L	35		*		70	130	
	4,6-Dinitro-2-methylphenol	10	13.8	ug/L	138		*		70	130	
	4,6-Dinitro-2-methylphenol	10	10.9	ug/L	109				70	130	
	N-Nitrosodiphenylamine	5	8.4	ug/L	168		*		70	130	
	N-Nitrosodiphenylamine	5	9.8	ug/L	196		*		70	130	
	N-Nitrosodiphenylamine	5	4.4	ug/L	88				70	130	
	Azobenzene	5	10.1	ug/L	202		*		70	130	
	Azobenzene	5	4.3	ug/L	86				70	130	
	Azobenzene	5	8.5	ug/L	170		*		70	130	
	4-Bromophenyl-phenylether	5	8.2	ug/L	164		*		70	130	
	4-Bromophenyl-phenylether	5	4.4	ug/L	88				70	130	
	4-Bromophenyl-phenylether	5	9.6	ug/L	192		*		70	130	
	Hexachlorobenzene	5	4.3	ug/L	86				70	130	
	Hexachlorobenzene	5	8.2	ug/L	164		*		70	130	
	Hexachlorobenzene	5	9.6	ug/L	192		*		70	130	
	Atrazine	5	10.6	ug/L	212		*		70	130	
	Atrazine	5	12.8	ug/L	256		*		70	130	
	Atrazine	5	5.6	ug/L	112				70	130	
	Pentachlorophenol	10	3.5	ug/L	35		*		70	130	
	Pentachlorophenol	10	6.9	ug/L	69		*		70	130	
	Pentachlorophenol	10	8.4	ug/L	84				70	130	
	Phenanthrene	5	9.9	ug/L	198		*		70	130	
	Phenanthrene	5	8.4	ug/L	168		*		70	130	
	Phenanthrene	5	4.5	ug/L	90				70	130	
	Anthracene	5	10.1	ug/L	202		*		70	130	
	Anthracene	5	4.2	ug/L	84				70	130	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP110824

Client: _____

Analytical Method: 8270E

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Low	Limits	
							Qual	Qual		High	RPD
P4368-08	Anthracene	5	8.4	ug/L	168		*		70	130	
	Carbazole	5	8.2	ug/L	164		*		70	130	
	Carbazole	5	9.5	ug/L	190		*		70	130	
	Carbazole	5	4.4	ug/L	88				70	130	
	Di-n-butylphthalate	5	4	ug/L	80				70	130	
	Di-n-butylphthalate	5	9.3	ug/L	186		*		70	130	
	Di-n-butylphthalate	5	7.6	ug/L	152		*		70	130	
	Fluoranthene	5	8.1	ug/L	162		*		70	130	
	Fluoranthene	5	9.5	ug/L	190		*		70	130	
	Fluoranthene	5	4.3	ug/L	86				70	130	
	Benzidine	10	11.9	ug/L	119				70	130	
	Benzidine	10	0	ug/L	0		*		70	130	
	Benzidine	10	9.4	ug/L	94				70	130	
	Pyrene	5	7.9	ug/L	158		*		70	130	
	Pyrene	5	9.4	ug/L	188		*		70	130	
	Pyrene	5	4.1	ug/L	82				70	130	
	Butylbenzylphthalate	5	3.7	ug/L	74				70	130	
	Butylbenzylphthalate	5	8.9	ug/L	178		*		70	130	
	Butylbenzylphthalate	5	7.3	ug/L	146		*		70	130	
	3,3-Dichlorobenzidine	10	7.9	ug/L	79				70	130	
	3,3-Dichlorobenzidine	10	9.4	ug/L	94				70	130	
	3,3-Dichlorobenzidine	10	4.1	ug/L	41		*		70	130	
	Benzo(a)anthracene	5	4.5	ug/L	90				70	130	
	Benzo(a)anthracene	5	9.8	ug/L	196		*		70	130	
	Benzo(a)anthracene	5	8.4	ug/L	168		*		70	130	
	Chrysene	5	8.6	ug/L	172		*		70	130	
	Chrysene	5	10	ug/L	200		*		70	130	
	Chrysene	5	4.6	ug/L	92				70	130	
	bis(2-Ethylhexyl)phthalate	5	3.7	ug/L	74				70	130	
	bis(2-Ethylhexyl)phthalate	5	9.3	ug/L	186		*		70	130	
	bis(2-Ethylhexyl)phthalate	5	7.5	ug/L	150		*		70	130	
	Di-n-octyl phthalate	10	7.6	ug/L	76				70	130	
	Di-n-octyl phthalate	10	9.2	ug/L	92				70	130	
	Di-n-octyl phthalate	10	4	ug/L	40		*		70	130	
	Benzo(b)fluoranthene	5	4.3	ug/L	86				70	130	
	Benzo(b)fluoranthene	5	9.7	ug/L	194		*		70	130	
	Benzo(b)fluoranthene	5	8	ug/L	160		*		70	130	
	Benzo(k)fluoranthene	5	8.7	ug/L	174		*		70	130	
	Benzo(k)fluoranthene	5	10	ug/L	200		*		70	130	
	Benzo(k)fluoranthene	5	4.6	ug/L	92				70	130	
	Benzo(a)pyrene	5	4.7	ug/L	94				70	130	
	Benzo(a)pyrene	5	10.1	ug/L	202		*		70	130	
	Benzo(a)pyrene	5	8.6	ug/L	172		*		70	130	
	Indeno(1,2,3-cd)pyrene	5	8.7	ug/L	174		*		70	130	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP110824

Client: _____

Analytical Method: **8270E**

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Low	Limits	
							Qual	Qual		High	RPD
P4368-08	Indeno(1,2,3-cd)pyrene	5	10	ug/L	200		*		70	130	
	Indeno(1,2,3-cd)pyrene	5	4.7	ug/L	94				70	130	
	Dibenz(a,h)anthracene	5	4.7	ug/L	94				70	130	
	Dibenz(a,h)anthracene	5	10	ug/L	200		*		70	130	
	Dibenz(a,h)anthracene	5	8.7	ug/L	174		*		70	130	
	Benzo(g,h,i)perylene	5	7.9	ug/L	158		*		70	130	
	Benzo(g,h,i)perylene	5	9.1	ug/L	182		*		70	130	
	Benzo(g,h,i)perylene	5	4.3	ug/L	86				70	130	
	1,2,4,5-Tetrachlorobenzene	5	4.5	ug/L	90				70	130	
	1,2,4,5-Tetrachlorobenzene	5	9.7	ug/L	194		*		70	130	
	1,2,4,5-Tetrachlorobenzene	5	8.5	ug/L	170		*		70	130	
	1,4-Dioxane	5	10	ug/L	200		*		70	130	
	1,4-Dioxane	5	10.8	ug/L	216		*		70	130	
	1,4-Dioxane	5	5.3	ug/L	106				70	130	
	2,3,4,6-Tetrachlorophenol	5	4.2	ug/L	84				70	130	
	2,3,4,6-Tetrachlorophenol	5	9.9	ug/L	198		*		70	130	
	2,3,4,6-Tetrachlorophenol	5	8.1	ug/L	162		*		70	130	
	1-Methylnaphthalene	5	8	ug/L	160		*		70	130	
	1-Methylnaphthalene	5	9.6	ug/L	192		*		70	130	
	1-Methylnaphthalene	5	4.3	ug/L	86				70	130	

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB164366BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP110824

SAS No.: BP110824 SDG NO.: BP110824

Lab File ID: BP022926.D

Lab Sample ID: PB164366BL

Instrument ID: BNA_P

Date Extracted: 10/24/2024

Matrix: (soil/water) Solid

Date Analyzed: 11/08/2024

Level: (low/med) LOW

Time Analyzed: 09:15

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
LOD-MDL-SOIL-01-QT4-2024	P4368-01	BP022935.D	11/08/2024
LOD-MDL-SOIL-01-QT4-2024	P4368-01	BP022936.D	11/08/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB164369BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP110824

SAS No.: BP110824 SDG NO.: BP110824

Lab File ID: BP022937.D

Lab Sample ID: PB164369BL

Instrument ID: BNA_P

Date Extracted: 10/23/2024

Matrix: (soil/water) Water

Date Analyzed: 11/08/2024

Level: (low/med) LOW

Time Analyzed: 16:51

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
LOD-MDL-WATER-01-QT4-2024	P4368-07	BP022933.D	11/08/2024
LOD-MDL-WATER-01-QT4-2024	P4368-07	BP022934.D	11/08/2024

COMMENTS: _____

Surrogate Summary

SW-846

SDG No.: **BP110824**

Client:

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4368-01	LOD-MDL-SOIL-0	BP022935.D	2-Fluorophenol	150	111.58	74		18	112
		BP022936.D	2-Fluorophenol	150	118.14	79		18	112
			Phenol-d6	150	120.91	81		15	107
		BP022935.D	Phenol-d6	150	106.37	71		15	107
			Nitrobenzene-d5	100	83.00	83		18	107
		BP022936.D	Nitrobenzene-d5	100	89.18	89		18	107
			2-Fluorobiphenyl	100	87.37	87		20	109
		BP022935.D	2-Fluorobiphenyl	100	80.89	81		20	109
		BP022936.D	2,4,6-Tribromophenol	150	138.04	92		10	116
		BP022935.D	2,4,6-Tribromophenol	150	117.90	79		10	116
			Terphenyl-d14	100	82.72	83		10	105
		BP022936.D	Terphenyl-d14	100	88.99	89		10	105
		BP022926.D	2-Fluorophenol	150	145.02	97		18	112
			Phenol-d6	150	131.78	88		15	107
			Nitrobenzene-d5	100	90.88	91		18	107
			2-Fluorobiphenyl	100	93.02	93		20	109
PB164366BL	PB164366BL		2,4,6-Tribromophenol	150	130.17	87		10	116
			Terphenyl-d14	100	100.45	100		10	105

Surrogate Summary

SW-846

SDG No.: **BP110824**

Client:

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4368-07	LOD-MDL-WATE	FBP022933.D	2-Fluorophenol	150	110.30	74		10	139
		BP022934.D	2-Fluorophenol	150	118.32	79		10	139
			Phenol-d6	150	119.90	80		10	134
		BP022933.D	Phenol-d6	150	106.32	71		10	134
		BP022934.D	Nitrobenzene-d5	100	88.36	88		49	133
		BP022933.D	Nitrobenzene-d5	100	81.57	82		49	133
			2-Fluorobiphenyl	100	79.83	80		52	132
		BP022934.D	2-Fluorobiphenyl	100	88.21	88		52	132
			2,4,6-Tribromophenol	150	132.86	89		44	137
		BP022933.D	2,4,6-Tribromophenol	150	115.18	77		44	137
			Terphenyl-d14	100	80.05	80		48	125
		BP022934.D	Terphenyl-d14	100	87.11	87		48	125
		BP022937.D	2-Fluorophenol	150	146.03	97		10	139
			Phenol-d6	150	132.67	88		10	134
			Nitrobenzene-d5	100	95.22	95		49	133
			2-Fluorobiphenyl	100	97.05	97		52	132
PB164369BL	PB164369BL		2,4,6-Tribromophenol	150	134.77	90		44	137
			Terphenyl-d14	100	100.44	100		48	125

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BP110824

Lab Code: CHEM

SAS No.: BP110824 SDG NO.: BP110824

Lab File ID: BP022924.D

DFTPP Injection Date: 11/08/2024

Instrument ID: BNA_P

DFTPP Injection Time: 07:13

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	29.8
68	Less than 2.0% of mass 69	0.6 (1.8) 1
69	Mass 69 relative abundance	33.4
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	37.8
197	Less than 2.0% of mass 198	0.5
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.9
275	10.0 - 60.0% of mass 198	34
365	Greater than 1% of mass 198	5
441	Present, but less than mass 443	13.5
442	Greater than 50% of mass 198	87.5
443	15.0 - 24.0% of mass 442	17 (19.4) 2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BP022925.D	11/08/2024	08:34
PB164366BL	PB164366BL	BP022926.D	11/08/2024	09:15
LOD-MDL-WATER-01-QT4-2024	P4368-07	BP022933.D	11/08/2024	14:09
LOD-MDL-WATER-01-QT4-2024	P4368-07	BP022934.D	11/08/2024	14:49
LOD-MDL-SOIL-01-QT4-2024	P4368-01	BP022935.D	11/08/2024	15:30
LOD-MDL-SOIL-01-QT4-2024	P4368-01	BP022936.D	11/08/2024	16:10
PB164369BL	PB164369BL	BP022937.D	11/08/2024	16:51
SSTDCCC040EC	SSTDCCC040	BP022938.D	11/08/2024	17:32