

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP061124 SAS No.: BP061124 SDG No.: BP061124

Instrument ID: BNA_P Calibration Date/Time: 6/11/2024 12:04

Lab File ID: BP020584.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	0.616	0.575		-6.656	
Pyridine	1.269	1.299		2.364	
2-Fluorophenol	1.117	1.244		11.37	
Benzaldehyde	1.010	0.885		-12.376	
Aniline	1.596	1.437		-9.962	
Phenol-d6	1.575	1.516		-3.746	
Phenol	1.614	1.532		-5.081	20.0
bis(2-Chloroethyl) ether	1.331	1.240		-6.837	
2-Chlorophenol	1.252	1.283		2.476	
1,2-Dichlorobenzene	1.447	1.499		3.594	
1,3-Dichlorobenzene	1.475	1.560		5.763	
1,4-Dichlorobenzene	1.499	1.581		5.47	20.0
Benzyl Alcohol	1.164	1.026		-11.856	
2-Methylphenol	1.095	1.033		-5.662	
2,2-oxybis(1-Chloropropane)	1.987	1.622		-18.369	
Acetophenone	0.496	0.508		2.419	
3+4-Methylphenols	1.489	1.368		-8.126	
n-Nitroso-di-n-propylamine	1.075	0.889	0.050	-17.302	
Nitrobenzene-d5	0.365	0.398		9.041	
Hexachloroethane	0.548	0.582		6.204	
Nitrobenzene	0.371	0.393		5.93	
Isophorone	0.710	0.670		-5.634	
2-Nitrophenol	0.128	0.180		40.625	20.0
2,4-Dimethylphenol	0.214	0.220		2.804	
bis(2-Chloroethoxy) methane	0.436	0.424		-2.752	
2,4-Dichlorophenol	0.288	0.319		10.764	20.0
1,2,4-Trichlorobenzene	0.342	0.391		14.327	
Benzoic acid	0.181	0.231		27.624	
Naphthalene	1.022	1.074		5.088	
4-Chloroaniline	0.396	0.385		-2.778	
Hexachlorobutadiene	0.215	0.248		15.349	20.0
Caprolactam	0.105	0.124		18.095	
4-Chloro-3-methylphenol	0.337	0.338		0.297	20.0
2-Methylnaphthalene	0.733	0.723		-1.364	
Hexachlorocyclopentadiene	0.203	0.272	0.050	33.99	
2,4,6-Trichlorophenol	0.350	0.420		20.0	20.0
2-Fluorobiphenyl	1.342	1.465		9.165	
2,4,5-Trichlorophenol	0.404	0.476		17.822	
1,1-Biphenyl	1.411	1.521		7.796	

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Lab File ID: BP020584.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
2-Chloronaphthalene	1.122	1.219		8.645	
2-Nitroaniline	0.304	0.347		14.145	
Dimethylphthalate	1.410	1.441		2.199	
Acenaphthylene	1.665	1.777		6.727	
2,6-Dinitrotoluene	0.301	0.339		12.625	
3-Nitroaniline	0.302	0.341		12.914	
Acenaphthene	1.050	1.098		4.571	20.0
2,4-Dinitrophenol	0.104	0.166	0.050	59.615	
4-Nitrophenol	0.234	0.287	0.050	22.65	
Dibenzofuran	1.664	1.757		5.589	
2,4-Dinitrotoluene	0.396	0.468		18.182	
Diethylphthalate	1.433	1.469		2.512	
4-Chlorophenyl-phenylether	0.689	0.727		5.515	
Fluorene	1.336	1.408		5.389	
4-Nitroaniline	0.311	0.371		19.293	
4,6-Dinitro-2-methylphenol	0.078	0.115		47.436	
n-Nitrosodiphenylamine	0.550	0.571		3.818	20.0
Azobenzene	1.338	1.314		-1.794	
2,4,6-Tribromophenol	0.208	0.287		37.981	
4-Bromophenyl-phenylether	0.205	0.221		7.805	
Hexachlorobenzene	0.241	0.261		8.299	
Atrazine	0.193	0.200		3.627	
Pentachlorophenol	0.146	0.182		24.658	20.0
Phenanthrene	0.983	1.028		4.578	
Anthracene	0.965	1.044		8.187	
Carbazole	0.933	1.029		10.289	
Di-n-butylphthalate	1.130	1.228		8.673	
Fluoranthene	1.163	1.361		17.025	20.0
Benzidine	0.610	0.369		-39.508	
Pyrene	1.504	1.346		-10.505	
Terphenyl-d14	1.201	1.127		-6.162	
Butylbenzylphthalate	0.549	0.563		2.55	
3,3-Dichlorobenzidine	0.391	0.466		19.182	
Benzo(a)anthracene	1.317	1.361		3.341	
Chrysene	1.241	1.305		5.157	
Bis(2-ethylhexyl)phthalate	0.856	0.843		-1.519	
Di-n-octyl phthalate	1.244	1.487		19.534	20.0
Benzo(b)fluoranthene	1.246	1.222		-1.926	
Benzo(k)fluoranthene	1.215	1.174		-3.374	

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
 Lab Code: CHEM Case No.: BP061124 SAS No.: BP061124 SDG No.: BP061124
 Instrument ID: BNA_P Calibration Date/Time: 6/11/2024 12:04
 Lab File ID: BP020584.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	1.032	1.077		4.36	20.0
Indeno(1,2,3-cd)pyrene	1.216	1.424		17.105	
Dibenzo(a,h)anthracene	1.014	1.169		15.286	
Benzo(g,h,i)perylene	1.014	1.190		17.357	
1,2,4,5-Tetrachlorobenzene	0.579	0.660		13.99	
1,4-Dioxane	0.451	0.519		15.078	20.0
2,3,4,6-Tetrachlorophenol	0.330	0.399		20.909	
1-Methylnaphthalene	0.726	0.713		-1.791	

All other compounds must meet a minimum RRF of 0.010.

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP061124 SAS No.: BP061124 SDG No.: BP061124

Instrument ID: BNA_P Calibration Date/Time: 6/11/2024 1:20:05

Lab File ID: BP020595.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	0.616	0.527		-14.448	50.0
Pyridine	1.269	1.202		-5.28	50.0
2-Fluorophenol	1.117	1.199		7.341	50.0
Benzaldehyde	1.010	0.932		-7.723	50.0
Aniline	1.596	1.476		-7.519	50.0
Phenol-d6	1.575	1.578		0.19	50.0
Phenol	1.614	1.597		-1.053	50.0
bis(2-Chloroethyl) ether	1.331	1.257		-5.56	50.0
2-Chlorophenol	1.252	1.321		5.511	50.0
1,2-Dichlorobenzene	1.447	1.495		3.317	50.0
1,3-Dichlorobenzene	1.475	1.551		5.153	50.0
1,4-Dichlorobenzene	1.499	1.580		5.404	50.0
Benzyl Alcohol	1.164	1.105		-5.069	50.0
2-Methylphenol	1.095	1.093		-0.183	50.0
2,2-oxybis(1-Chloropropane)	1.987	1.652		-16.86	50.0
Acetophenone	0.496	0.504		1.613	50.0
3+4-Methylphenols	1.489	1.488		-0.067	50.0
n-Nitroso-di-n-propylamine	1.075	0.968	0.050	-9.953	50.0
Nitrobenzene-d5	0.365	0.387		6.027	50.0
Hexachloroethane	0.548	0.553		0.912	50.0
Nitrobenzene	0.371	0.384		3.504	50.0
Isophorone	0.710	0.683		-3.803	50.0
2-Nitrophenol	0.128	0.187		46.094	50.0
2,4-Dimethylphenol	0.214	0.220		2.804	50.0
bis(2-Chloroethoxy) methane	0.436	0.432		-0.917	50.0
2,4-Dichlorophenol	0.288	0.325		12.847	50.0
1,2,4-Trichlorobenzene	0.342	0.384		12.281	50.0
Benzoic acid	0.181	0.256		41.436	50.0
Naphthalene	1.022	1.087		6.36	50.0
4-Chloroaniline	0.396	0.391		-1.263	50.0
Hexachlorobutadiene	0.215	0.250		16.279	50.0
Caprolactam	0.105	0.128		21.905	50.0
4-Chloro-3-methylphenol	0.337	0.355		5.341	50.0
2-Methylnaphthalene	0.733	0.755		3.001	50.0
Hexachlorocyclopentadiene	0.203	0.117	0.050	-42.365	50.0
2,4,6-Trichlorophenol	0.350	0.429		22.571	50.0
2-Fluorobiphenyl	1.342	1.427		6.334	50.0
2,4,5-Trichlorophenol	0.404	0.473		17.079	50.0
1,1-Biphenyl	1.411	1.488		5.457	50.0

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Instrument ID: BNA_P Calibration Date/Time: 6/11/2024 1:20:05

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

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Chloronaphthalene	1.122	1.204		7.308	50.0
2-Nitroaniline	0.304	0.337		10.855	50.0
Dimethylphthalate	1.410	1.432		1.56	50.0
Acenaphthylene	1.665	1.725		3.604	50.0
2,6-Dinitrotoluene	0.301	0.335		11.296	50.0
3-Nitroaniline	0.302	0.332		9.934	50.0
Acenaphthene	1.050	1.086		3.429	50.0
2,4-Dinitrophenol	0.104	0.074	0.050	-28.846	50.0
4-Nitrophenol	0.234	0.273	0.050	16.667	50.0
Dibenzofuran	1.664	1.744		4.808	50.0
2,4-Dinitrotoluene	0.396	0.451		13.889	50.0
Diethylphthalate	1.433	1.453		1.396	50.0
4-Chlorophenyl-phenylether	0.689	0.719		4.354	50.0
Fluorene	1.336	1.381		3.368	50.0
4-Nitroaniline	0.311	0.349		12.219	50.0
4,6-Dinitro-2-methylphenol	0.078	0.059		-24.359	50.0
n-Nitrosodiphenylamine	0.550	0.578		5.091	50.0
Azobenzene	1.338	1.282		-4.185	50.0
2,4,6-Tribromophenol	0.208	0.287		37.981	50.0
4-Bromophenyl-phenylether	0.205	0.230		12.195	50.0
Hexachlorobenzene	0.241	0.270		12.033	50.0
Atrazine	0.193	0.203		5.181	50.0
Pentachlorophenol	0.146	0.186		27.397	50.0
Phenanthrene	0.983	1.026		4.374	50.0
Anthracene	0.965	1.031		6.839	50.0
Carbazole	0.933	0.966		3.537	50.0
Di-n-butylphthalate	1.130	1.238		9.558	50.0
Fluoranthene	1.163	1.223		5.159	50.0
Benzidine	0.610	0.370		-39.344	50.0
Pyrene	1.504	1.433		-4.721	50.0
Terphenyl-d14	1.201	1.201		0.0	50.0
Butylbenzylphthalate	0.549	0.602		9.654	50.0
3,3-Dichlorobenzidine	0.391	0.489		25.064	50.0
Benzo(a)anthracene	1.317	1.360		3.265	50.0
Chrysene	1.241	1.281		3.223	50.0
Bis(2-ethylhexyl)phthalate	0.856	0.886		3.505	50.0
Di-n-octyl phthalate	1.244	1.526		22.669	50.0
Benzo(b)fluoranthene	1.246	1.234		-0.963	50.0
Benzo(k)fluoranthene	1.215	1.167		-3.951	50.0

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 Lab File ID: BP020595.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
Benzo(a)pyrene	1.032	1.094		6.008	50.0
Indeno(1,2,3-cd)pyrene	1.216	1.446		18.914	50.0
Dibenzo(a,h)anthracene	1.014	1.189		17.258	50.0
Benzo(g,h,i)perylene	1.014	1.206		18.935	50.0
1,2,4,5-Tetrachlorobenzene	0.579	0.657		13.472	50.0
1,4-Dioxane	0.451	0.440		-2.439	50.0
2,3,4,6-Tetrachlorophenol	0.330	0.400		21.212	50.0
1-Methylnaphthalene	0.726	0.736		1.377	50.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	6/7/2024 12:00:00 AM
Project:		Date Received:	6/7/2024 12:00:00 AM
Client Sample ID:	PB161393BL	SDG No.:	BP061124
Lab Sample ID:	PB161393BL	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
BP020585.D	1	6/7/2024 12:00:00 AM	6/11/2024 12:00:00 AM	PB161393

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:	6/7/2024 12:00:00 AM
Project:		Date Received:	6/7/2024 12:00:00 AM
Client Sample ID:	PB161393BL	SDG No.:	BP061124
Lab Sample ID:	PB161393BL	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
BP020585.D	1	6/7/2024 12:00:00 AM	6/11/2024 12:00:00 AM	PB161393

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
121-14-2	2,4-Dinitrotoluene	1.5	U	1.5	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2.7	U	2.7	4	10	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:	6/7/2024 12:00:00 AM
Project:		Date Received:	6/7/2024 12:00:00 AM
Client Sample ID:	PB161393BL	SDG No.:	BP061124
Lab Sample ID:	PB161393BL	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
BP020585.D	1	6/7/2024 12:00:00 AM	6/11/2024 12:00:00 AM	PB161393

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	138.162		10-139		92	SPK: -150
13127-88-3	Phenol-d6	121.853		10-134		81	SPK: -150
4165-60-0	Nitrobenzene-d5	84.786		49-133		85	SPK: -100
321-60-8	2-Fluorobiphenyl	86.273		52-132		86	SPK: -100

Report of Analysis

Client:		Date Collected:	6/7/2024 12:00:00 AM
Project:		Date Received:	6/7/2024 12:00:00 AM
Client Sample ID:	PB161393BL	SDG No.:	BP061124
Lab Sample ID:	PB161393BL	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
BP020585.D	1	6/7/2024 12:00:00 AM	6/11/2024 12:00:00 AM	PB161393

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	146.314		32-145		98	SPK: -150
1718-51-0	Terphenyl-d14	82.698		36-145		83	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	309796	7.758				
1146-65-2	Naphthalene-d8	1189266	10.522				
15067-26-2	Acenaphthene-d10	752660	14.381				
1517-22-2	Phenanthrene-d10	1422795	17.187				
1719-03-5	Chrysene-d12	1043184	21.622				
1520-96-3	Perylene-d12	1254706	24.969				

Report of Analysis

Client:		Date Collected:	6/7/2024 12:00:00 AM
Project:		Date Received:	6/7/2024 12:00:00 AM
Client Sample ID:	PB161393BS	SDG No.:	BP061124
Lab Sample ID:	PB161393BS	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
BP020586.D	1	6/7/2024 12:00:00 AM	6/11/2024 12:00:00 AM	PB161393

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	38.3		1	8	10	ug/L
110-86-1	Pyridine	32.5		1.6	4	5	ug/L
100-52-7	Benzaldehyde	29.9		4	8	10	ug/L
62-53-3	Aniline	23.1		1.6	4	5	ug/L
108-95-2	Phenol	39.7		0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	39.5		1.2	4	5	ug/L
95-57-8	2-Chlorophenol	43.5		0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	41.6		0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	42		0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	42.7		0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	39.1		1.6	8	10	ug/L
95-48-7	2-Methylphenol	38.6		1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	36.1		1.4	4	5	ug/L
98-86-2	Acetophenone	43.6		1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	37.8		1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	34.8		1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	42.5		1	4	5	ug/L
98-95-3	Nitrobenzene	42.5		1.3	4	5	ug/L
78-59-1	Isophorone	39.6		1.1	4	5	ug/L
88-75-5	2-Nitrophenol	51.6		2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	45.2		1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	40.3		1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	45.4		0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	45.8		1.1	4	5	ug/L
65-85-0	Benzoic acid	45.4		5.5	8	10	ug/L
91-20-3	Naphthalene	42.8		1	4	5	ug/L
106-47-8	4-Chloroaniline	17.3		1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	46.6		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	6/7/2024 12:00:00 AM
Project:		Date Received:	6/7/2024 12:00:00 AM
Client Sample ID:	PB161393BS	SDG No.:	BP061124
Lab Sample ID:	PB161393BS	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
BP020586.D	1	6/7/2024 12:00:00 AM	6/11/2024 12:00:00 AM	PB161393

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	35.4		1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	39.2		0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	39.5		1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	150	E	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	52.3		0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	47.9		1	4	5	ug/L
92-52-4	1,1-Biphenyl	46.8		0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	45.7		0.97	4	5	ug/L
88-74-4	2-Nitroaniline	46.4		1.4	4	5	ug/L
131-11-3	Dimethylphthalate	41.4		0.93	4	5	ug/L
208-96-8	Acenaphthylene	47.4		1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	42.9		1.2	4	5	ug/L
99-09-2	3-Nitroaniline	33.2		1.4	4	5	ug/L
83-32-9	Acenaphthene	42.4		0.81	4	5	ug/L
Total PAH	Total PAH	764.9		17.36	4	80	ug/L
51-28-5	2,4-Dinitrophenol	95	E	6.4	8	10	ug/L
100-02-7	4-Nitrophenol	95.6	E	2	8	10	ug/L
132-64-9	Dibenzofuran	43.7		0.93	4	5	ug/L
121-14-2	2,4-Dinitrotoluene	45		1.5	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	87.9		2.7	4	10	ug/L
84-66-2	Diethylphthalate	39.1		1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	42.1		0.98	4	5	ug/L
86-73-7	Fluorene	41.2		0.96	4	5	ug/L
100-01-6	4-Nitroaniline	40.3		2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	56		3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	47		0.89	4	5	ug/L
103-33-3	Azobenzene	39.3		1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	47.7		0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	47.3		1.1	4	5	ug/L
1912-24-9	Atrazine	46.8		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	6/7/2024 12:00:00 AM
Project:		Date Received:	6/7/2024 12:00:00 AM
Client Sample ID:	PB161393BS	SDG No.:	BP061124
Lab Sample ID:	PB161393BS	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
BP020586.D	1	6/7/2024 12:00:00 AM	6/11/2024 12:00:00 AM	PB161393

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	99.8	E	1.9	8	10	ug/L
85-01-8	Phenanthrene	46.4		0.89	4	5	ug/L
120-12-7	Anthracene	47		1.1	4	5	ug/L
86-74-8	Carbazole	45		1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	44.8		1.5	4	5	ug/L
206-44-0	Fluoranthene	46.4		1.3	4	5	ug/L
92-87-5	Benzidine	12.9		4.1	8	10	ug/L
129-00-0	Pyrene	39.5		1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	41.6		2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	44.4		1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	46.2		0.94	4	5	ug/L
218-01-9	Chrysene	46.3		0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	42.5		1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	52.8		2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	44.4		1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	46.3		1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	51.8		1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	60		1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	59.4		1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	57.4		1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	51.8		1.1	4	5	ug/L
123-91-1	1,4-Dioxane	36.9		1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	49.5		0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	36.7		0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	131.164		10-139		87	SPK: -150
13127-88-3	Phenol-d6	110.595		10-134		74	SPK: -150
4165-60-0	Nitrobenzene-d5	84.686		49-133		85	SPK: -100
321-60-8	2-Fluorobiphenyl	87.783		52-132		88	SPK: -100

Report of Analysis

Client:		Date Collected:	6/7/2024 12:00:00 AM
Project:		Date Received:	6/7/2024 12:00:00 AM
Client Sample ID:	PB161393BS	SDG No.:	BP061124
Lab Sample ID:	PB161393BS	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
BP020586.D	1	6/7/2024 12:00:00 AM	6/11/2024 12:00:00 AM	PB161393

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	150.986		32-145		101	SPK: -150
1718-51-0	Terphenyl-d14	77.744		36-145		78	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	308742	7.758				
1146-65-2	Naphthalene-d8	1097687	10.522				
15067-26-2	Acenaphthene-d10	604431	14.375				
1517-22-2	Phenanthrene-d10	1125114	17.181				
1719-03-5	Chrysene-d12	1079785	21.639				
1520-96-3	Perylene-d12	1290688	24.998				

Report of Analysis

Client:		Date Collected:	6/7/2024 12:00:00 AM
Project:		Date Received:	6/7/2024 12:00:00 AM
Client Sample ID:	PB161393BSD	SDG No.:	BP061124
Lab Sample ID:	PB161393BSD	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
BP020587.D	1	6/7/2024 12:00:00 AM	6/11/2024 12:00:00 AM	PB161393

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	38.7		1	8	10	ug/L
110-86-1	Pyridine	33.5		1.6	4	5	ug/L
100-52-7	Benzaldehyde	29		4	8	10	ug/L
62-53-3	Aniline	21.9		1.6	4	5	ug/L
108-95-2	Phenol	38.1		0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	38.3		1.2	4	5	ug/L
95-57-8	2-Chlorophenol	42.1		0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	41.4		0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	42.8		0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	42.8		0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	37		1.6	8	10	ug/L
95-48-7	2-Methylphenol	36.4		1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	34.6		1.4	4	5	ug/L
98-86-2	Acetophenone	43.7		1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	35.4		1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	32.7		1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	43.1		1	4	5	ug/L
98-95-3	Nitrobenzene	42.4		1.3	4	5	ug/L
78-59-1	Isophorone	38.7		1.1	4	5	ug/L
88-75-5	2-Nitrophenol	51.9		2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	44		1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	40.2		1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	44.2		0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	46.5		1.1	4	5	ug/L
65-85-0	Benzoic acid	44.2		5.5	8	10	ug/L
91-20-3	Naphthalene	43		1	4	5	ug/L
106-47-8	4-Chloroaniline	16.1		1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	48		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	6/7/2024 12:00:00 AM
Project:		Date Received:	6/7/2024 12:00:00 AM
Client Sample ID:	PB161393BSD	SDG No.:	BP061124
Lab Sample ID:	PB161393BSD	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
BP020587.D	1	6/7/2024 12:00:00 AM	6/11/2024 12:00:00 AM	PB161393

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	35.3		1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	38.3		0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	39		1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	160	E	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	52.2		0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	48.2		1	4	5	ug/L
92-52-4	1,1-Biphenyl	47.6		0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	46.5		0.97	4	5	ug/L
88-74-4	2-Nitroaniline	47.8		1.4	4	5	ug/L
131-11-3	Dimethylphthalate	42.7		0.93	4	5	ug/L
208-96-8	Acenaphthylene	48.6		1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	44.3		1.2	4	5	ug/L
99-09-2	3-Nitroaniline	34.8		1.4	4	5	ug/L
83-32-9	Acenaphthene	43.8		0.81	4	5	ug/L
Total PAH	Total PAH	777.4		17.36	4	80	ug/L
51-28-5	2,4-Dinitrophenol	99.9	E	6.4	8	10	ug/L
100-02-7	4-Nitrophenol	100	E	2	8	10	ug/L
132-64-9	Dibenzofuran	44.8		0.93	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	90.8		2.7	4	10	ug/L
121-14-2	2,4-Dinitrotoluene	46.5		1.5	4	5	ug/L
84-66-2	Diethylphthalate	41.5		1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	43.7		0.98	4	5	ug/L
86-73-7	Fluorene	43		0.96	4	5	ug/L
100-01-6	4-Nitroaniline	43.5		2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	56.7		3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	46.1		0.89	4	5	ug/L
103-33-3	Azobenzene	40.4		1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	46.5		0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	46.3		1.1	4	5	ug/L
1912-24-9	Atrazine	47		1.3	4	5	ug/L

Report of Analysis

Client:				Date Collected:	6/7/2024 12:00:00 AM		
Project:				Date Received:	6/7/2024 12:00:00 AM		
Client Sample ID:	PB161393BSD			SDG No.:	BP061124		
Lab Sample ID:	PB161393BSD			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 :			
Injection Volume :				Level :	LOW		
				GPC Factor :			
				GPC Cleanup :	PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020587.D	1	6/7/2024 12:00:00 AM	6/11/2024 12:00:00 AM	PB161393

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	100	E	1.9	8	10	ug/L
85-01-8	Phenanthrene	46.4		0.89	4	5	ug/L
120-12-7	Anthracene	47		1.1	4	5	ug/L
86-74-8	Carbazole	46.2		1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	45.3		1.5	4	5	ug/L
206-44-0	Fluoranthene	48.2		1.3	4	5	ug/L
92-87-5	Benzidine	13.5		4.1	8	10	ug/L
129-00-0	Pyrene	38.5		1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	41.8		2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	45.1		1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	46.4		0.94	4	5	ug/L
218-01-9	Chrysene	47.6		0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	43.6		1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	53.8		2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	45.4		1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	46.1		1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	52.2		1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	61.4		1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	61		1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	58.8		1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	52.5		1.1	4	5	ug/L
123-91-1	1,4-Dioxane	38.9		1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	50.2		0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	36.5		0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	127.342		10-139		85	SPK: -150
13127-88-3	Phenol-d6	105.838		10-134		71	SPK: -150
4165-60-0	Nitrobenzene-d5	85.171		49-133		85	SPK: -100
321-60-8	2-Fluorobiphenyl	89.07		52-132		89	SPK: -100

Report of Analysis

Client:		Date Collected:	6/7/2024 12:00:00 AM
Project:		Date Received:	6/7/2024 12:00:00 AM
Client Sample ID:	PB161393BSD	SDG No.:	BP061124
Lab Sample ID:	PB161393BSD	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
BP020587.D	1	6/7/2024 12:00:00 AM	6/11/2024 12:00:00 AM	PB161393

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	156.029		32-145		104	SPK: -150
1718-51-0	Terphenyl-d14	77.561		36-145		78	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	284542	7.758				
1146-65-2	Naphthalene-d8	963896	10.522				
15067-26-2	Acenaphthene-d10	518185	14.375				
1517-22-2	Phenanthrene-d10	1020812	17.181				
1719-03-5	Chrysene-d12	1027568	21.639				
1520-96-3	Perylene-d12	1224831	24.98				

Report of Analysis

Client:		Date Collected:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	PMW-2	SDG No.:	BP061124
Lab Sample ID:	P2767-01	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
BP020588.D	1	6/7/2024 12:00:00 AM	6/11/2024 12:00:00 AM	PB161393

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:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	PMW-2	SDG No.:	BP061124
Lab Sample ID:	P2767-01	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
BP020588.D	1	6/7/2024 12:00:00 AM	6/11/2024 12:00:00 AM	PB161393

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
121-14-2	2,4-Dinitrotoluene	1.5	U	1.5	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2.7	U	2.7	4	10	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:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	PMW-2	SDG No.:	BP061124
Lab Sample ID:	P2767-01	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
BP020588.D	1	6/7/2024 12:00:00 AM	6/11/2024 12:00:00 AM	PB161393

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	59.415		10-139		40	SPK: -150
13127-88-3	Phenol-d6	31.621		10-134		21	SPK: -150
4165-60-0	Nitrobenzene-d5	87.474		49-133		87	SPK: -100
321-60-8	2-Fluorobiphenyl	84.051		52-132		84	SPK: -100

Report of Analysis

Client:		Date Collected:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	PMW-2	SDG No.:	BP061124
Lab Sample ID:	P2767-01	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
BP020588.D	1	6/7/2024 12:00:00 AM	6/11/2024 12:00:00 AM	PB161393

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	189.369		32-145		126	SPK: -150
1718-51-0	Terphenyl-d14	73.848		36-145		74	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	198510	7.752				
1146-65-2	Naphthalene-d8	774877	10.516				
15067-26-2	Acenaphthene-d10	514519	14.369				
1517-22-2	Phenanthrene-d10	1108224	17.175				
1719-03-5	Chrysene-d12	1174611	21.639				
1520-96-3	Perylene-d12	1384948	24.992				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	140	J			3.028	
000057-10-3	n-Hexadecanoic acid	58.8	J			7.299	
001002-84-2	Pentadecanoic acid	11	J			8.069	
000638-53-9	Tridecanoic acid	13.3	J			8.687	
	unknown14.598	47.6	J			14.598	
000112-80-1	Oleic Acid	25.5	J			15.993	
002437-56-1	1-Tridecene	12.9	J			16.034	
000506-17-2	cis-Vaccenic acid	19.9	J			16.104	
000057-11-4	Octadecanoic acid	90.5	J			16.322	
000544-63-8	Tetradecanoic acid	49.3	J			16.375	
000334-48-5	n-Decanoic acid	200	J			16.481	
000084-69-5	1,2-Benzenedicarboxylic acid, bis(	22.7	J			17.481	
	unknown18.122	24.4	J			18.122	
000106-11-6	Octadecanoic acid, 2-(2-hydroxyeth	43.6	J			19.469	
013475-75-7	Pentadecane, 8-hexyl-	10.1	J			21.528	
000638-68-6	Triacontane	10.6	J			22.339	
013475-76-8	Docosane, 11-butyl-	12.9	J			23.28	
000544-77-4	Hexadecane, 1-iodo-	10.9	J			25.616	
000057-88-5	Cholesterol	12.8	J			26.509	

Report of Analysis

Client:		Date Collected:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	PMW-2	SDG No.:	BP061124
Lab Sample ID:	P2767-01	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
BP020588.D	1	6/7/2024 12:00:00 AM	6/11/2024 12:00:00 AM	PB161393

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000083-47-6	.gamma.-Sitosterol	10.6	J			29.833	

Report of Analysis

Client:				Date Collected:	6/5/2024 12:00:00 AM		
Project:				Date Received:	6/5/2024 12:00:00 AM		
Client Sample ID:	MW-2A			SDG No.:	BP061124		
Lab Sample ID:	P2767-02			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 :			
Injection Volume :				Level :	LOW		
				GPC Factor :			
				GPC Cleanup :	PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020589.D	1	6/7/2024 12:00:00 AM	6/11/2024 12:00:00 AM	PB161393

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:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	MW-2A	SDG No.:	BP061124
Lab Sample ID:	P2767-02	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
BP020589.D	1	6/7/2024 12:00:00 AM	6/11/2024 12:00:00 AM	PB161393

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:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	MW-2A	SDG No.:	BP061124
Lab Sample ID:	P2767-02	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
BP020589.D	1	6/7/2024 12:00:00 AM	6/11/2024 12:00:00 AM	PB161393

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	57.826		10-139		39	SPK: -150
13127-88-3	Phenol-d6	33.149		10-134		22	SPK: -150
4165-60-0	Nitrobenzene-d5	85.524		49-133		86	SPK: -100
321-60-8	2-Fluorobiphenyl	84.642		52-132		85	SPK: -100

Report of Analysis

Client:		Date Collected:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	MW-2A	SDG No.:	BP061124
Lab Sample ID:	P2767-02	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
BP020589.D	1	6/7/2024 12:00:00 AM	6/11/2024 12:00:00 AM	PB161393

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	183.506		32-145		122	SPK: -150
1718-51-0	Terphenyl-d14	78.59		36-145		79	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	234679	7.752				
1146-65-2	Naphthalene-d8	933501	10.522				
15067-26-2	Acenaphthene-d10	628626	14.375				
1517-22-2	Phenanthrene-d10	1358304	17.186				
1719-03-5	Chrysene-d12	1262640	21.633				
1520-96-3	Perylene-d12	1402155	24.986				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	120	J			3.028	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	2.4	A			4.928	
000112-34-5	Ethanol, 2-(2-butoxyethoxy)-	3.1	J			10.305	
000084-69-5	1,2-Benzenedicarboxylic acid, bis(	10.1	J			17.492	
000057-10-3	n-Hexadecanoic acid	6.6	J			18.134	
000057-11-4	Octadecanoic acid	3.2	J			19.463	

Report of Analysis

Client:		Date Collected:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	MW-3	SDG No.:	BP061124
Lab Sample ID:	P2767-03	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
BP020590.D	1	6/7/2024 12:00:00 AM	6/11/2024 12:00:00 AM	PB161393

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	21		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:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	MW-3	SDG No.:	BP061124
Lab Sample ID:	P2767-03	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
BP020590.D	1	6/7/2024 12:00:00 AM	6/11/2024 12:00:00 AM	PB161393

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:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	MW-3	SDG No.:	BP061124
Lab Sample ID:	P2767-03	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
BP020590.D	1	6/7/2024 12:00:00 AM	6/11/2024 12:00:00 AM	PB161393

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	51.884		10-139		35	SPK: -150
13127-88-3	Phenol-d6	28.793		10-134		19	SPK: -150
4165-60-0	Nitrobenzene-d5	69.312		49-133		69	SPK: -100
321-60-8	2-Fluorobiphenyl	68.596		52-132		69	SPK: -100

Report of Analysis

Client:		Date Collected:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	MW-3	SDG No.:	BP061124
Lab Sample ID:	P2767-03	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
BP020590.D	1	6/7/2024 12:00:00 AM	6/11/2024 12:00:00 AM	PB161393

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	147.193		32-145		98	SPK: -150
1718-51-0	Terphenyl-d14	62.171		36-145		62	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	197975	7.746				
1146-65-2	Naphthalene-d8	760239	10.516				
15067-26-2	Acenaphthene-d10	509891	14.381				
1517-22-2	Phenanthrene-d10	1137109	17.187				
1719-03-5	Chrysene-d12	1169514	21.622				
1520-96-3	Perylene-d12	1316856	24.98				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	120	J			3.023	
000141-79-7	3-Penten-2-one, 4-methyl-	9.6	A			4.328	
000108-38-3	Benzene, 1,3-dimethyl-	85.4	J			5.434	
000611-14-3	Benzene, 1-ethyl-2-methyl-	27.9	J			6.852	
000108-67-8	Mesitylene	16.7	J			6.981	
000622-96-8	Benzene, 1-ethyl-4-methyl-	31.9	J			7.146	
000526-73-8	Benzene, 1,2,3-trimethyl-	48.2	J			7.399	
000095-63-6	Benzene, 1,2,4-trimethyl-	20.3	J			7.864	
001121-05-7	2-Cyclopenten-1-one, 2,3-dimethyl-	22.1	J			8.022	
000496-11-7	Indane	7.6	J			8.116	
000527-84-4	o-Cymene	11	J			8.375	
000934-80-5	Benzene, 4-ethyl-1,2-dimethyl-	9	J			8.681	
000099-87-6	p-Cymene	16.1	J			8.84	
000874-35-1	1H-Indene, 2,3-dihydro-5-methyl-	14.5	J			9.922	
000585-74-0	Ethanone, 1-(3-methylphenyl)-	7.6	J			10.222	
000122-00-9	Ethanone, 1-(4-methylphenyl)-	11	J			10.44	
000083-33-0	1H-Inden-1-one, 2,3-dihydro-	23.3	J			11.899	
000084-69-5	1,2-Benzenedicarboxylic acid, bis(	8.4	J			17.492	
000057-10-3	n-Hexadecanoic acid	8.4	J			18.116	

Report of Analysis

Client:		Date Collected:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	MW-3	SDG No.:	BP061124
Lab Sample ID:	P2767-03	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
BP020590.D	1	6/7/2024 12:00:00 AM	6/11/2024 12:00:00 AM	PB161393

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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Report of Analysis

Client:		Date Collected:	6/6/2024 12:00:00 AM
Project:		Date Received:	6/6/2024 12:00:00 AM
Client Sample ID:	SP-303-20240606	SDG No.:	BP061124
Lab Sample ID:	P2770-03	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
BP020591.D	1	6/7/2024 12:00:00 AM	6/11/2024 12:00:00 AM	PB161393

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:	6/6/2024 12:00:00 AM
Project:		Date Received:	6/6/2024 12:00:00 AM
Client Sample ID:	SP-303-20240606	SDG No.:	BP061124
Lab Sample ID:	P2770-03	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
BP020591.D	1	6/7/2024 12:00:00 AM	6/11/2024 12:00:00 AM	PB161393

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
121-14-2	2,4-Dinitrotoluene	1.5	U	1.5	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2.7	U	2.7	4	10	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:	6/6/2024 12:00:00 AM
Project:		Date Received:	6/6/2024 12:00:00 AM
Client Sample ID:	SP-303-20240606	SDG No.:	BP061124
Lab Sample ID:	P2770-03	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
BP020591.D	1	6/7/2024 12:00:00 AM	6/11/2024 12:00:00 AM	PB161393

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	49.452		10-139		33	SPK: -150
13127-88-3	Phenol-d6	24.78		10-134		17	SPK: -150
4165-60-0	Nitrobenzene-d5	80.723		49-133		81	SPK: -100
321-60-8	2-Fluorobiphenyl	79.009		52-132		79	SPK: -100

Report of Analysis

Client:		Date Collected:	6/6/2024 12:00:00 AM
Project:		Date Received:	6/6/2024 12:00:00 AM
Client Sample ID:	SP-303-20240606	SDG No.:	BP061124
Lab Sample ID:	P2770-03	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
BP020591.D	1	6/7/2024 12:00:00 AM	6/11/2024 12:00:00 AM	PB161393

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	182.334		32-145		122	SPK: -150
1718-51-0	Terphenyl-d14	79.953		36-145		80	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	194375	7.752				
1146-65-2	Naphthalene-d8	739193	10.516				
15067-26-2	Acenaphthene-d10	496048	14.375				
1517-22-2	Phenanthrene-d10	1138500	17.186				
1719-03-5	Chrysene-d12	1148172	21.633				
1520-96-3	Perylene-d12	1317305	24.974				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	120	J			3.022	
000084-69-5	1,2-Benzenedicarboxylic acid, bis(	5.6	J			17.498	
000057-10-3	n-Hexadecanoic acid	2	J			18.122	

Report of Analysis

Client:		Date Collected:	6/7/2024 12:00:00 AM
Project:		Date Received:	6/7/2024 12:00:00 AM
Client Sample ID:	TR-04-060724	SDG No.:	BP061124
Lab Sample ID:	P2794-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10
Sample Wt/Vol:	50.04	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
BP020592.D	2	6/8/2024 12:00:00 AM	6/11/2024 12:00:00 AM	PB161404

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	120	U	120	360	440	ug/Kg
110-86-1	Pyridine	110	U	110	170	230	ug/Kg
100-52-7	Benzaldehyde	240	U	240	360	440	ug/Kg
62-53-3	Aniline	130	U	130	170	230	ug/Kg
108-95-2	Phenol	110	U	110	170	230	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	110	U	110	170	230	ug/Kg
95-57-8	2-Chlorophenol	110	U	110	170	230	ug/Kg
95-50-1	1,2-Dichlorobenzene	110	U	110	170	230	ug/Kg
541-73-1	1,3-Dichlorobenzene	110	U	110	170	230	ug/Kg
106-46-7	1,4-Dichlorobenzene	120	U	120	170	230	ug/Kg
100-51-6	Benzyl Alcohol	110	U	110	360	440	ug/Kg
95-48-7	2-Methylphenol	110	U	110	170	230	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	120	U	120	170	230	ug/Kg
98-86-2	Acetophenone	120	U	120	170	230	ug/Kg
65794-96-9	3+4-Methylphenols	110	U	110	360	440	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	53.7	U	53.7	110	110	ug/Kg
67-72-1	Hexachloroethane	110	U	110	170	230	ug/Kg
98-95-3	Nitrobenzene	120	U	120	170	230	ug/Kg
78-59-1	Isophorone	110	U	110	170	230	ug/Kg
88-75-5	2-Nitrophenol	130	U	130	170	230	ug/Kg
105-67-9	2,4-Dimethylphenol	120	U	120	170	230	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	110	U	110	170	230	ug/Kg
120-83-2	2,4-Dichlorophenol	100	U	100	170	230	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	110	U	110	170	230	ug/Kg
65-85-0	Benzoic acid	320	U	320	360	440	ug/Kg
91-20-3	Naphthalene	110	U	110	170	230	ug/Kg
106-47-8	4-Chloroaniline	110	U	110	170	230	ug/Kg
87-68-3	Hexachlorobutadiene	110	U	110	170	230	ug/Kg



Report of Analysis

Client:			Date Collected:	6/7/2024 12:00:00 AM	
Project:			Date Received:	6/7/2024 12:00:00 AM	
Client Sample ID:	TR-04-060724		SDG No.:	BP061124	
Lab Sample ID:	P2794-01		Matrix:	Solid	
Analytical Method:	8270E		% Moisture:	10	
Sample Wt/Vol:	50.04	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
BP020592.D	2	6/8/2024 12:00:00 AM	6/11/2024 12:00:00 AM	PB161404

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	120	U	120	360	440	ug/Kg
59-50-7	4-Chloro-3-methylphenol	100	U	100	170	230	ug/Kg
91-57-6	2-Methylnaphthalene	110	U	110	170	230	ug/Kg
77-47-4	Hexachlorocyclopentadiene	210	U	210	360	440	ug/Kg
88-06-2	2,4,6-Trichlorophenol	95.1	U	95.1	170	230	ug/Kg
95-95-4	2,4,5-Trichlorophenol	98.6	U	98.6	170	230	ug/Kg
92-52-4	1,1-Biphenyl	120	U	120	170	230	ug/Kg
91-58-7	2-Chloronaphthalene	110	U	110	170	230	ug/Kg
88-74-4	2-Nitroaniline	130	U	130	170	230	ug/Kg
131-11-3	Dimethylphthalate	110	U	110	170	230	ug/Kg
208-96-8	Acenaphthylene	120	U	120	170	230	ug/Kg
606-20-2	2,6-Dinitrotoluene	110	U	110	170	230	ug/Kg
99-09-2	3-Nitroaniline	120	U	120	170	230	ug/Kg
83-32-9	Acenaphthene	110	U	110	170	230	ug/Kg
Total PAH	Total PAH	5790	U	1770	170	3680	ug/Kg
51-28-5	2,4-Dinitrophenol	320	U	320	360	440	ug/Kg
100-02-7	4-Nitrophenol	150	U	150	360	440	ug/Kg
132-64-9	Dibenzofuran	110	U	110	170	230	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	220	U	220	170	460	ug/Kg
121-14-2	2,4-Dinitrotoluene	110	U	110	170	230	ug/Kg
84-66-2	Diethylphthalate	110	U	110	170	230	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	110	U	110	170	230	ug/Kg
86-73-7	Fluorene	110	U	110	170	230	ug/Kg
100-01-6	4-Nitroaniline	140	U	140	170	230	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	160	U	160	360	440	ug/Kg
86-30-6	n-Nitrosodiphenylamine	110	U	110	170	230	ug/Kg
103-33-3	Azobenzene	110	U	110	170	230	ug/Kg
101-55-3	4-Bromophenyl-phenylether	110	U	110	170	230	ug/Kg
118-74-1	Hexachlorobenzene	110	U	110	170	230	ug/Kg
1912-24-9	Atrazine	120	U	120	170	230	ug/Kg

Report of Analysis

Client:		Date Collected:	6/7/2024 12:00:00 AM
Project:		Date Received:	6/7/2024 12:00:00 AM
Client Sample ID:	TR-04-060724	SDG No.:	BP061124
Lab Sample ID:	P2794-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10
Sample Wt/Vol:	50.04 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
BP020592.D	2	6/8/2024 12:00:00 AM	6/11/2024 12:00:00 AM	PB161404

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	100	U	100	360	440	ug/Kg
85-01-8	Phenanthrene	450		110	170	230	ug/Kg
120-12-7	Anthracene	110	U	110	170	230	ug/Kg
86-74-8	Carbazole	110	U	110	170	230	ug/Kg
84-74-2	Di-n-butylphthalate	110	U	110	170	230	ug/Kg
206-44-0	Fluoranthene	1000		110	170	230	ug/Kg
92-87-5	Benzidine	220	U	220	360	440	ug/Kg
129-00-0	Pyrene	820		110	170	230	ug/Kg
85-68-7	Butylbenzylphthalate	190	J	130	170	230	ug/Kg
91-94-1	3,3-Dichlorobenzidine	130	U	130	360	440	ug/Kg
56-55-3	Benzo(a)anthracene	550		110	170	230	ug/Kg
218-01-9	Chrysene	600		110	170	230	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	U	120	170	230	ug/Kg
117-84-0	Di-n-octyl phthalate	150	U	150	360	440	ug/Kg
205-99-2	Benzo(b)fluoranthene	640		110	170	230	ug/Kg
207-08-9	Benzo(k)fluoranthene	270		110	170	230	ug/Kg
50-32-8	Benzo(a)pyrene	570		120	170	230	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	360		100	170	230	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	110	J	110	170	230	ug/Kg
191-24-2	Benzo(g,h,i)perylene	420		110	170	230	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	120	U	120	170	230	ug/Kg
123-91-1	1,4-Dioxane	150	U	150	170	230	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	99.5	U	99.5	170	230	ug/Kg
90-12-0	1-Methylnaphthalene	110	U	110	230	230	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	100.318		18-112		67	SPK: -150
13127-88-3	Phenol-d6	90.29		15-107		60	SPK: -150
4165-60-0	Nitrobenzene-d5	61.97		18-107		62	SPK: -100
321-60-8	2-Fluorobiphenyl	62.458		20-109		62	SPK: -100

Report of Analysis

Client:		Date Collected:	6/7/2024 12:00:00 AM
Project:		Date Received:	6/7/2024 12:00:00 AM
Client Sample ID:	TR-04-060724	SDG No.:	BP061124
Lab Sample ID:	P2794-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10
Sample Wt/Vol:	50.04 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
BP020592.D	2	6/8/2024 12:00:00 AM	6/11/2024 12:00:00 AM	PB161404

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	121.482		10-110		81	SPK: -150
1718-51-0	Terphenyl-d14	58.792		14-112		59	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	299652	7.752				
1146-65-2	Naphthalene-d8	1170146	10.516				
15067-26-2	Acenaphthene-d10	751604	14.375				
1517-22-2	Phenanthrene-d10	1575928	17.181				
1719-03-5	Chrysene-d12	1440458	21.633				
1520-96-3	Perylene-d12	1722058	24.986				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	850	J			3.028	
000921-14-2	Hydrazine, 1,1-bis(1-methylethyl)-	91.9	J			4.928	
000084-69-5	1,2-Benzenedicarboxylic acid, bis(	150	J			17.486	
000112-39-0	Hexadecanoic acid, methyl ester	200	J			17.892	
000057-10-3	n-Hexadecanoic acid	400	J			18.128	
000203-64-5	4H-Cyclopenta[def]phenanthrene	130	J			18.286	
002566-97-4	9,12-Octadecadienoic acid, methyl	1200	J			19.092	
056554-49-5	16-Octadecenoic acid, methyl ester	750	J			19.128	
000112-61-8	Methyl stearate	130	J			19.257	
000192-97-2	Benzo[e]pyrene	490	J			24.668	



Client:			Date Collected:	6/7/2024 12:00:00 AM	
Project:			Date Received:	6/7/2024 12:00:00 AM	
Client Sample ID:	SU-04-06072024		SDG No.:	BP061124	
Lab Sample ID:	P2787-01		Matrix:	Solid	
Analytical Method:	8270E		% Moisture:	10.9	
Sample Wt/Vol:	50.05	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
BP020593.D	2	6/8/2024 12:00:00 AM	6/11/2024 12:00:00 AM	PB161404

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	120	U	120	360	440	ug/Kg
110-86-1	Pyridine	110	U	110	170	230	ug/Kg
100-52-7	Benzaldehyde	240	U	240	360	440	ug/Kg
62-53-3	Aniline	130	U	130	170	230	ug/Kg
108-95-2	Phenol	110	U	110	170	230	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	110	U	110	170	230	ug/Kg
95-57-8	2-Chlorophenol	110	U	110	170	230	ug/Kg
95-50-1	1,2-Dichlorobenzene	110	U	110	170	230	ug/Kg
541-73-1	1,3-Dichlorobenzene	120	U	120	170	230	ug/Kg
106-46-7	1,4-Dichlorobenzene	120	U	120	170	230	ug/Kg
100-51-6	Benzyl Alcohol	110	U	110	360	440	ug/Kg
95-48-7	2-Methylphenol	110	U	110	170	230	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	120	U	120	170	230	ug/Kg
98-86-2	Acetophenone	120	U	120	170	230	ug/Kg
65794-96-9	3+4-Methylphenols	110	U	110	360	440	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	54.2	U	54.2	110	110	ug/Kg
67-72-1	Hexachloroethane	110	U	110	170	230	ug/Kg
98-95-3	Nitrobenzene	120	U	120	170	230	ug/Kg
78-59-1	Isophorone	110	U	110	170	230	ug/Kg
88-75-5	2-Nitrophenol	130	U	130	170	230	ug/Kg
105-67-9	2,4-Dimethylphenol	130	U	130	170	230	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	120	U	120	170	230	ug/Kg
120-83-2	2,4-Dichlorophenol	100	U	100	170	230	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	110	U	110	170	230	ug/Kg
65-85-0	Benzoic acid	320	U	320	360	440	ug/Kg
91-20-3	Naphthalene	110	U	110	170	230	ug/Kg
106-47-8	4-Chloroaniline	110	U	110	170	230	ug/Kg
87-68-3	Hexachlorobutadiene	110	U	110	170	230	ug/Kg



Client:			Date Collected:	6/7/2024 12:00:00 AM	
Project:			Date Received:	6/7/2024 12:00:00 AM	
Client Sample ID:	SU-04-06072024		SDG No.:	BP061124	
Lab Sample ID:	P2787-01		Matrix:	Solid	
Analytical Method:	8270E		% Moisture:	10.9	
Sample Wt/Vol:	50.05	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
BP020593.D	2	6/8/2024 12:00:00 AM	6/11/2024 12:00:00 AM	PB161404

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	120	U	120	360	440	ug/Kg
59-50-7	4-Chloro-3-methylphenol	100	U	100	170	230	ug/Kg
91-57-6	2-Methylnaphthalene	110	U	110	170	230	ug/Kg
77-47-4	Hexachlorocyclopentadiene	210	U	210	360	440	ug/Kg
88-06-2	2,4,6-Trichlorophenol	96.1	U	96.1	170	230	ug/Kg
95-95-4	2,4,5-Trichlorophenol	99.6	U	99.6	170	230	ug/Kg
92-52-4	1,1-Biphenyl	120	U	120	170	230	ug/Kg
91-58-7	2-Chloronaphthalene	110	U	110	170	230	ug/Kg
88-74-4	2-Nitroaniline	130	U	130	170	230	ug/Kg
131-11-3	Dimethylphthalate	110	U	110	170	230	ug/Kg
208-96-8	Acenaphthylene	120	U	120	170	230	ug/Kg
606-20-2	2,6-Dinitrotoluene	110	U	110	170	230	ug/Kg
99-09-2	3-Nitroaniline	120	U	120	170	230	ug/Kg
83-32-9	Acenaphthene	140	J	110	170	230	ug/Kg
Total PAH	Total PAH	8660		1800	170	3680	ug/Kg
51-28-5	2,4-Dinitrophenol	330	U	330	360	440	ug/Kg
100-02-7	4-Nitrophenol	160	U	160	360	440	ug/Kg
132-64-9	Dibenzofuran	110	U	110	170	230	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	230	U	230	170	460	ug/Kg
121-14-2	2,4-Dinitrotoluene	120	U	120	170	230	ug/Kg
84-66-2	Diethylphthalate	110	U	110	170	230	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	120	U	120	170	230	ug/Kg
86-73-7	Fluorene	230		120	170	230	ug/Kg
100-01-6	4-Nitroaniline	140	U	140	170	230	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	160	U	160	360	440	ug/Kg
86-30-6	n-Nitrosodiphenylamine	110	U	110	170	230	ug/Kg
103-33-3	Azobenzene	110	U	110	170	230	ug/Kg
101-55-3	4-Bromophenyl-phenylether	110	U	110	170	230	ug/Kg
118-74-1	Hexachlorobenzene	110	U	110	170	230	ug/Kg
1912-24-9	Atrazine	120	U	120	170	230	ug/Kg



Client:				Date Collected:	6/7/2024 12:00:00 AM	
Project:				Date Received:	6/7/2024 12:00:00 AM	
Client Sample ID:	SU-04-06072024			SDG No.:	BP061124	
Lab Sample ID:	P2787-01			Matrix:	Solid	
Analytical Method:	8270E			% Moisture:	10.9	
Sample Wt/Vol:	50.05	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
BP020593.D	2	6/8/2024 12:00:00 AM	6/11/2024 12:00:00 AM	PB161404

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	100	U	100	360	440	ug/Kg
85-01-8	Phenanthrene	1400		110	170	230	ug/Kg
120-12-7	Anthracene	410		110	170	230	ug/Kg
86-74-8	Carbazole	180	J	110	170	230	ug/Kg
84-74-2	Di-n-butylphthalate	110	U	110	170	230	ug/Kg
206-44-0	Fluoranthene	1500		110	170	230	ug/Kg
92-87-5	Benzidine	220	U	220	360	440	ug/Kg
129-00-0	Pyrene	1100		110	170	230	ug/Kg
85-68-7	Butylbenzylphthalate	130	U	130	170	230	ug/Kg
91-94-1	3,3-Dichlorobenzidine	130	U	130	360	440	ug/Kg
56-55-3	Benzo(a)anthracene	660		110	170	230	ug/Kg
218-01-9	Chrysene	640		110	170	230	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	U	120	170	230	ug/Kg
117-84-0	Di-n-octyl phthalate	150	U	150	360	440	ug/Kg
205-99-2	Benzo(b)fluoranthene	700		110	170	230	ug/Kg
207-08-9	Benzo(k)fluoranthene	280		110	170	230	ug/Kg
50-32-8	Benzo(a)pyrene	660		130	170	230	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	390		110	170	230	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	120	J	110	170	230	ug/Kg
191-24-2	Benzo(g,h,i)perylene	430		110	170	230	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	120	U	120	170	230	ug/Kg
123-91-1	1,4-Dioxane	150	U	150	170	230	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	100	U	100	170	230	ug/Kg
90-12-0	1-Methylnaphthalene	110	U	110	230	230	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	98.84		18-112		66	SPK: -150
13127-88-3	Phenol-d6	91.338		15-107		61	SPK: -150
4165-60-0	Nitrobenzene-d5	60.568		18-107		61	SPK: -100
321-60-8	2-Fluorobiphenyl	62.75		20-109		63	SPK: -100

Report of Analysis

Client:		Date Collected:	6/7/2024 12:00:00 AM
Project:		Date Received:	6/7/2024 12:00:00 AM
Client Sample ID:	SU-04-06072024	SDG No.:	BP061124
Lab Sample ID:	P2787-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.9
Sample Wt/Vol:	50.05 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
BP020593.D	2	6/8/2024 12:00:00 AM	6/11/2024 12:00:00 AM	PB161404

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	119.952		10-110		80	SPK: -150
1718-51-0	Terphenyl-d14	59.134		14-112		59	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	308616	7.752				
1146-65-2	Naphthalene-d8	1219611	10.522				
15067-26-2	Acenaphthene-d10	778755	14.381				
1517-22-2	Phenanthrene-d10	1592368	17.192				
1719-03-5	Chrysene-d12	1431258	21.645				
1520-96-3	Perylene-d12	1671132	24.992				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	840	J			3.028	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	100	A			4.928	
000132-65-0	Dibenzothiophene	100	J			16.998	
000084-69-5	1,2-Benzenedicarboxylic acid, bis(	110	J			17.498	
002531-84-2	Phenanthrene, 2-methyl-	140	J			18.092	
000832-69-9	Phenanthrene, 1-methyl-	430	J			18.139	
000203-64-5	4H-Cyclopenta[def]phenanthrene	350	J			18.292	
000610-48-0	Anthracene, 1-methyl-	110	J			18.328	
000612-94-2	Naphthalene, 2-phenyl-	110	J			18.616	
003674-66-6	Phenanthrene, 2,5-dimethyl-	140	J			19.051	
000238-84-6	11H-Benzo[a]fluorene	110	J			20.222	
000243-17-4	11H-Benzo[b]fluorene	120	J			20.322	
000192-97-2	Benzo[e]pyrene	520	J			24.686	

Report of Analysis

Client:		Date Collected:	6/7/2024 12:00:00 AM
Project:		Date Received:	6/7/2024 12:00:00 AM
Client Sample ID:	HD-02-060724	SDG No.:	BP061124
Lab Sample ID:	P2786-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.9
Sample Wt/Vol:	50.03	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
BP020594.D	2	6/8/2024 12:00:00 AM	6/11/2024 12:00:00 AM	PB161404

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	120	U	120	370	450	ug/Kg
110-86-1	Pyridine	110	U	110	180	230	ug/Kg
100-52-7	Benzaldehyde	250	U	250	370	450	ug/Kg
62-53-3	Aniline	130	U	130	180	230	ug/Kg
108-95-2	Phenol	110	U	110	180	230	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	120	U	120	180	230	ug/Kg
95-57-8	2-Chlorophenol	110	U	110	180	230	ug/Kg
95-50-1	1,2-Dichlorobenzene	120	U	120	180	230	ug/Kg
541-73-1	1,3-Dichlorobenzene	120	U	120	180	230	ug/Kg
106-46-7	1,4-Dichlorobenzene	120	U	120	180	230	ug/Kg
100-51-6	Benzyl Alcohol	110	U	110	370	450	ug/Kg
95-48-7	2-Methylphenol	110	U	110	180	230	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	130	U	130	180	230	ug/Kg
98-86-2	Acetophenone	120	U	120	180	230	ug/Kg
65794-96-9	3+4-Methylphenols	110	U	110	370	450	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	55.5	U	55.5	110	110	ug/Kg
67-72-1	Hexachloroethane	110	U	110	180	230	ug/Kg
98-95-3	Nitrobenzene	130	U	130	180	230	ug/Kg
78-59-1	Isophorone	120	U	120	180	230	ug/Kg
88-75-5	2-Nitrophenol	130	U	130	180	230	ug/Kg
105-67-9	2,4-Dimethylphenol	130	U	130	180	230	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	120	U	120	180	230	ug/Kg
120-83-2	2,4-Dichlorophenol	100	U	100	180	230	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	120	U	120	180	230	ug/Kg
65-85-0	Benzoic acid	330	U	330	370	450	ug/Kg
91-20-3	Naphthalene	110	U	110	180	230	ug/Kg
106-47-8	4-Chloroaniline	110	U	110	180	230	ug/Kg
87-68-3	Hexachlorobutadiene	110	U	110	180	230	ug/Kg



Report of Analysis

Client:			Date Collected:	6/7/2024 12:00:00 AM	
Project:			Date Received:	6/7/2024 12:00:00 AM	
Client Sample ID:	HD-02-060724		SDG No.:	BP061124	
Lab Sample ID:	P2786-01		Matrix:	Solid	
Analytical Method:	8270E		% Moisture:	12.9	
Sample Wt/Vol:	50.03	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
BP020594.D	2	6/8/2024 12:00:00 AM	6/11/2024 12:00:00 AM	PB161404

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	120	U	120	370	450	ug/Kg
59-50-7	4-Chloro-3-methylphenol	110	U	110	180	230	ug/Kg
91-57-6	2-Methylnaphthalene	110	U	110	180	230	ug/Kg
77-47-4	Hexachlorocyclopentadiene	210	U	210	370	450	ug/Kg
88-06-2	2,4,6-Trichlorophenol	98.3	U	98.3	180	230	ug/Kg
95-95-4	2,4,5-Trichlorophenol	100	U	100	180	230	ug/Kg
92-52-4	1,1-Biphenyl	120	U	120	180	230	ug/Kg
91-58-7	2-Chloronaphthalene	110	U	110	180	230	ug/Kg
88-74-4	2-Nitroaniline	130	U	130	180	230	ug/Kg
131-11-3	Dimethylphthalate	110	U	110	180	230	ug/Kg
208-96-8	Acenaphthylene	120	U	120	180	230	ug/Kg
606-20-2	2,6-Dinitrotoluene	110	U	110	180	230	ug/Kg
99-09-2	3-Nitroaniline	120	U	120	180	230	ug/Kg
83-32-9	Acenaphthene	110	U	110	180	230	ug/Kg
Total PAH	Total PAH	7220	U	1820	180	3680	ug/Kg
51-28-5	2,4-Dinitrophenol	330	U	330	370	450	ug/Kg
100-02-7	4-Nitrophenol	160	U	160	370	450	ug/Kg
132-64-9	Dibenzofuran	120	U	120	180	230	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	230	U	230	180	460	ug/Kg
121-14-2	2,4-Dinitrotoluene	120	U	120	180	230	ug/Kg
84-66-2	Diethylphthalate	110	U	110	180	230	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	120	U	120	180	230	ug/Kg
86-73-7	Fluorene	120	U	120	180	230	ug/Kg
100-01-6	4-Nitroaniline	150	U	150	180	230	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	160	U	160	370	450	ug/Kg
86-30-6	n-Nitrosodiphenylamine	110	U	110	180	230	ug/Kg
103-33-3	Azobenzene	110	U	110	180	230	ug/Kg
101-55-3	4-Bromophenyl-phenylether	110	U	110	180	230	ug/Kg
118-74-1	Hexachlorobenzene	120	U	120	180	230	ug/Kg
1912-24-9	Atrazine	130	U	130	180	230	ug/Kg

Report of Analysis

Client:		Date Collected:	6/7/2024 12:00:00 AM
Project:		Date Received:	6/7/2024 12:00:00 AM
Client Sample ID:	HD-02-060724	SDG No.:	BP061124
Lab Sample ID:	P2786-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.9
Sample Wt/Vol:	50.03 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
BP020594.D	2	6/8/2024 12:00:00 AM	6/11/2024 12:00:00 AM	PB161404

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	110	U	110	370	450	ug/Kg
85-01-8	Phenanthrene	780		120	180	230	ug/Kg
120-12-7	Anthracene	250		120	180	230	ug/Kg
86-74-8	Carbazole	110	U	110	180	230	ug/Kg
84-74-2	Di-n-butylphthalate	120	U	120	180	230	ug/Kg
206-44-0	Fluoranthene	1200		110	180	230	ug/Kg
92-87-5	Benzidine	220	U	220	370	450	ug/Kg
129-00-0	Pyrene	1300		110	180	230	ug/Kg
85-68-7	Butylbenzylphthalate	130	U	130	180	230	ug/Kg
91-94-1	3,3-Dichlorobenzidine	140	U	140	370	450	ug/Kg
56-55-3	Benzo(a)anthracene	690		110	180	230	ug/Kg
218-01-9	Chrysene	690		110	180	230	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	130	U	130	180	230	ug/Kg
117-84-0	Di-n-octyl phthalate	150	U	150	370	450	ug/Kg
205-99-2	Benzo(b)fluoranthene	640		110	180	230	ug/Kg
207-08-9	Benzo(k)fluoranthene	220	J	110	180	230	ug/Kg
50-32-8	Benzo(a)pyrene	650		130	180	230	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	320		110	180	230	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	110	J	110	180	230	ug/Kg
191-24-2	Benzo(g,h,i)perylene	370		110	180	230	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	120	U	120	180	230	ug/Kg
123-91-1	1,4-Dioxane	150	U	150	180	230	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	100	U	100	180	230	ug/Kg
90-12-0	1-Methylnaphthalene	110	U	110	230	230	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	85.922		18-112		57	SPK: -150
13127-88-3	Phenol-d6	79.69		15-107		53	SPK: -150
4165-60-0	Nitrobenzene-d5	53.264		18-107		53	SPK: -100
321-60-8	2-Fluorobiphenyl	49.834		20-109		50	SPK: -100

Report of Analysis

Client:		Date Collected:	6/7/2024 12:00:00 AM
Project:		Date Received:	6/7/2024 12:00:00 AM
Client Sample ID:	HD-02-060724	SDG No.:	BP061124
Lab Sample ID:	P2786-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.9
Sample Wt/Vol:	50.03 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
BP020594.D	2	6/8/2024 12:00:00 AM	6/11/2024 12:00:00 AM	PB161404

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	101.79		10-110		68	SPK: -150
1718-51-0	Terphenyl-d14	44.68		14-112		45	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	335169	7.758				
1146-65-2	Naphthalene-d8	1336639	10.522				
15067-26-2	Acenaphthene-d10	864327	14.375				
1517-22-2	Phenanthrene-d10	1713764	17.187				
1719-03-5	Chrysene-d12	1528770	21.645				
1520-96-3	Perylene-d12	1808286	25.01				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	760	J			3.028	
000126-86-3	2,4,7,9-Tetramethyl-5-decyn-4,7-di	310	J			13.281	
1010308-99-5	Phthalic acid, butyl hexyl ester	130	J			17.492	
007372-88-5	Dibenzothiophene, 4-methyl-	120	J			17.781	
000613-12-7	Anthracene, 2-methyl-	300	J			18.092	
002531-84-2	Phenanthrene, 2-methyl-	610	J			18.139	
000949-41-7	1H-Cyclopropa[1]phenanthrene, 1a,9b	180	J			18.228	
000203-64-5	4H-Cyclopenta[def]phenanthrene	490	J			18.298	
001961-96-2	1H-Indene, 1-phenyl-	190	J			18.339	
000612-94-2	Naphthalene, 2-phenyl-	140	J			18.616	
000084-65-1	9,10-Anthracenedione	160	J			18.657	
003674-66-6	Phenanthrene, 2,5-dimethyl-	210	J			19.051	
	unknown19.116	140	J			19.116	
005737-13-3	Cyclopenta(def)phenanthrenone	210	J			19.198	
002381-21-7	Pyrene, 1-methyl-	160	J			20.051	
000238-84-6	11H-Benzo[a]fluorene	130	J			20.216	
003442-78-2	Pyrene, 2-methyl-	170	J			20.386	

Hit Summary Sheet SW-846

SDG No.: BP061124

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Client ID : PMW-2								
P2767-01	PMW-2	Water	.gamma.-Sitosterol	*	10.600	J		
P2767-01	PMW-2	Water	1,2-Benzenedicarboxylic acid, bis	*	22.700	J		
P2767-01	PMW-2	Water	1-Tridecene	*	12.900	J		
P2767-01	PMW-2	Water	Butane, 2-methoxy-2-methyl-	*	140.000	J		
P2767-01	PMW-2	Water	Cholesterol	*	12.800	J		
P2767-01	PMW-2	Water	cis-Vaccenic acid	*	19.900	J		
P2767-01	PMW-2	Water	Docosane, 11-butyl-	*	12.900	J		
P2767-01	PMW-2	Water	Hexadecane, 1-iodo-	*	10.900	J		
P2767-01	PMW-2	Water	n-Decanoic acid	*	200.000	J		
P2767-01	PMW-2	Water	n-Hexadecanoic acid	*	58.800	J		
P2767-01	PMW-2	Water	Octadecanoic acid	*	90.500	J		
P2767-01	PMW-2	Water	Octadecanoic acid, 2-(2-hydroxye	*	43.600	J		
P2767-01	PMW-2	Water	Oleic Acid	*	25.500	J		
P2767-01	PMW-2	Water	Pentadecane, 8-hexyl-	*	10.100	J		
P2767-01	PMW-2	Water	Pentadecanoic acid	*	11.000	J		
P2767-01	PMW-2	Water	Tetradecanoic acid	*	49.300	J		
P2767-01	PMW-2	Water	Triacontane	*	10.600	J		
P2767-01	PMW-2	Water	Tridecanoic acid	*	13.300	J		
P2767-01	PMW-2	Water	unknown14.598	*	47.600	J		
P2767-01	PMW-2	Water	unknown18.122	*	24.400	J		
Total Tics :					827.40			
Total Concentration:					827.40			
Client ID : MW-2A								
P2767-02	MW-2A	Water	1,2-Benzenedicarboxylic acid, bis	*	10.100	J		
P2767-02	MW-2A	Water	2-Pentanone, 4-hydroxy-4-methyl	*	2.400	A		
P2767-02	MW-2A	Water	Butane, 2-methoxy-2-methyl-	*	120.000	J		
P2767-02	MW-2A	Water	Ethanol, 2-(2-butoxyethoxy)-	*	3.100	J		
P2767-02	MW-2A	Water	n-Hexadecanoic acid	*	6.600	J		
P2767-02	MW-2A	Water	Octadecanoic acid	*	3.200	J		
Total Tics :					145.40			
Total Concentration:					145.40			
Client ID : MW-3								
P2767-03	MW-3	Water	1,2-Benzenedicarboxylic acid, bis	*	8.400	J		
P2767-03	MW-3	Water	1H-Inden-1-one, 2,3-dihydro-	*	23.300	J		
P2767-03	MW-3	Water	1H-Indene, 2,3-dihydro-5-methyl-	*	14.500	J		
P2767-03	MW-3	Water	2-Cyclopenten-1-one, 2,3-dimethy	*	22.100	J		

Hit Summary Sheet SW-846

SDG No.: BP061124

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
P2767-03	MW-3	Water	3-Penten-2-one, 4-methyl-	*	9.600	A		
P2767-03	MW-3	Water	Benzene, 1,2,3-trimethyl-	*	48.200	J		
P2767-03	MW-3	Water	Benzene, 1,2,4-trimethyl-	*	20.300	J		
P2767-03	MW-3	Water	Benzene, 1,3-dimethyl-	*	85.400	J		
P2767-03	MW-3	Water	Benzene, 1-ethyl-2-methyl-	*	27.900	J		
P2767-03	MW-3	Water	Benzene, 1-ethyl-4-methyl-	*	31.900	J		
P2767-03	MW-3	Water	Benzene, 4-ethyl-1,2-dimethyl-	*	9.000	J		
P2767-03	MW-3	Water	Butane, 2-methoxy-2-methyl-	*	120.000	J		
P2767-03	MW-3	Water	Ethanone, 1-(3-methylphenyl)-	*	7.600	J		
P2767-03	MW-3	Water	Ethanone, 1-(4-methylphenyl)-	*	11.000	J		
P2767-03	MW-3	Water	Indane	*	7.600	J		
P2767-03	MW-3	Water	Mesitylene	*	16.700	J		
P2767-03	MW-3	Water	n-Hexadecanoic acid	*	8.400	J		
P2767-03	MW-3	Water	o-Cymene	*	11.000	J		
P2767-03	MW-3	Water	p-Cymene	*	16.100	J		
			Total Tics :		499.00			
P2767-03	MW-3	Water	Acetophenone		21.000	1.1	5	ug/L
			Total Svoc :		21.00			
			Total Concentration:		520.00			
Client ID : SP-303-20240606								
P2770-03	SP-303-20240606	Water	1,2-Benzenedicarboxylic acid, bis	*	5.600	J		
P2770-03	SP-303-20240606	Water	Butane, 2-methoxy-2-methyl-	*	120.000	J		
P2770-03	SP-303-20240606	Water	n-Hexadecanoic acid	*	2.000	J		
			Total Tics :		127.60			
			Total Concentration:		127.60			
Client ID : HD-02-060724								
P2786-01	HD-02-060724	Solid	11H-Benzo[a]fluorene	*	130.000	J		
P2786-01	HD-02-060724	Solid	1H-Cyclopropa[1]phenanthrene, 1a	*	180.000	J		
P2786-01	HD-02-060724	Solid	1H-Indene, 1-phenyl-	*	190.000	J		
P2786-01	HD-02-060724	Solid	2,4,7,9-Tetramethyl-5-decyn-4,7-c	*	310.000	J		
P2786-01	HD-02-060724	Solid	4H-Cyclopenta[def]phenanthrene	*	490.000	J		
P2786-01	HD-02-060724	Solid	9,10-Anthracenedione	*	160.000	J		
P2786-01	HD-02-060724	Solid	Anthracene, 2-methyl-	*	300.000	J		
P2786-01	HD-02-060724	Solid	Butane, 2-methoxy-2-methyl-	*	760.000	J		
P2786-01	HD-02-060724	Solid	Cyclopenta(def)phenanthrenone	*	210.000	J		
P2786-01	HD-02-060724	Solid	Dibenzothiophene, 4-methyl-	*	120.000	J		
P2786-01	HD-02-060724	Solid	Naphthalene, 2-phenyl-	*	140.000	J		
P2786-01	HD-02-060724	Solid	Phenanthrene, 2,5-dimethyl-	*	210.000	J		
P2786-01	HD-02-060724	Solid	Phenanthrene, 2-methyl-	*	610.000	J		

Hit Summary Sheet SW-846

SDG No.: BP061124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2786-01	HD-02-060724	Solid	Phthalic acid, butyl hexyl ester	*	130.000	J		
P2786-01	HD-02-060724	Solid	Pyrene, 1-methyl-	*	160.000	J		
P2786-01	HD-02-060724	Solid	Pyrene, 2-methyl-	*	170.000	J		
P2786-01	HD-02-060724	Solid	unknown19.116	*	140.000	J		
Total Tics :				4,410.00				
P2786-01	HD-02-060724	Solid	Anthracene	250.000		120	230	ug/Kg
P2786-01	HD-02-060724	Solid	Benzo(a)anthracene	690.000		110	230	ug/Kg
P2786-01	HD-02-060724	Solid	Benzo(a)pyrene	650.000		130	230	ug/Kg
P2786-01	HD-02-060724	Solid	Benzo(b)fluoranthene	640.000		110	230	ug/Kg
P2786-01	HD-02-060724	Solid	Benzo(g,h,i)perylene	370.000		110	230	ug/Kg
P2786-01	HD-02-060724	Solid	Benzo(k)fluoranthene	220.000	J	110	230	ug/Kg
P2786-01	HD-02-060724	Solid	Chrysene	690.000		110	230	ug/Kg
P2786-01	HD-02-060724	Solid	Dibenzo(a,h)anthracene	110.000	J	110	230	ug/Kg
P2786-01	HD-02-060724	Solid	Fluoranthene	1,200.000		110	230	ug/Kg
P2786-01	HD-02-060724	Solid	Indeno(1,2,3-cd)pyrene	320.000		110	230	ug/Kg
P2786-01	HD-02-060724	Solid	Phenanthrene	780.000		120	230	ug/Kg
P2786-01	HD-02-060724	Solid	Pyrene	1,300.000		110	230	ug/Kg
Total Svoc :				7,220.00				
Total Concentration:				11,630.00				
Client ID : SU-04-06072024								
P2787-01	SU-04-06072024	Solid	1,2-Benzenedicarboxylic acid, bis	*	110.000	J		
P2787-01	SU-04-06072024	Solid	11H-Benzo[a]fluorene	*	110.000	J		
P2787-01	SU-04-06072024	Solid	11H-Benzo[b]fluorene	*	120.000	J		
P2787-01	SU-04-06072024	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	100.000	A		
P2787-01	SU-04-06072024	Solid	4H-Cyclopenta[def]phenanthrene	*	350.000	J		
P2787-01	SU-04-06072024	Solid	Anthracene, 1-methyl-	*	110.000	J		
P2787-01	SU-04-06072024	Solid	Benzo[e]pyrene	*	520.000	J		
P2787-01	SU-04-06072024	Solid	Butane, 2-methoxy-2-methyl-	*	840.000	J		
P2787-01	SU-04-06072024	Solid	Dibenzothiophene	*	100.000	J		
P2787-01	SU-04-06072024	Solid	Naphthalene, 2-phenyl-	*	110.000	J		
P2787-01	SU-04-06072024	Solid	Phenanthrene, 1-methyl-	*	430.000	J		
P2787-01	SU-04-06072024	Solid	Phenanthrene, 2,5-dimethyl-	*	140.000	J		
P2787-01	SU-04-06072024	Solid	Phenanthrene, 2-methyl-	*	140.000	J		
Total Tics :				3,180.00				
P2787-01	SU-04-06072024	Solid	Acenaphthene	140.000	J	110	230	ug/Kg
P2787-01	SU-04-06072024	Solid	Anthracene	410.000		110	230	ug/Kg
P2787-01	SU-04-06072024	Solid	Benzo(a)anthracene	660.000		110	230	ug/Kg
P2787-01	SU-04-06072024	Solid	Benzo(a)pyrene	660.000		130	230	ug/Kg
P2787-01	SU-04-06072024	Solid	Benzo(b)fluoranthene	700.000		110	230	ug/Kg
P2787-01	SU-04-06072024	Solid	Benzo(g,h,i)perylene	430.000		110	230	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BP061124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2787-01	SU-04-06072024	Solid	Benzo(k)fluoranthene	280.000		110	230	ug/Kg
P2787-01	SU-04-06072024	Solid	Carbazole	180.000	J	110	230	ug/Kg
P2787-01	SU-04-06072024	Solid	Chrysene	640.000		110	230	ug/Kg
P2787-01	SU-04-06072024	Solid	Dibenzo(a,h)anthracene	120.000	J	110	230	ug/Kg
P2787-01	SU-04-06072024	Solid	Fluoranthene	1,500.000		110	230	ug/Kg
P2787-01	SU-04-06072024	Solid	Fluorene	230.000		120	230	ug/Kg
P2787-01	SU-04-06072024	Solid	Indeno(1,2,3-cd)pyrene	390.000		110	230	ug/Kg
P2787-01	SU-04-06072024	Solid	Phenanthrene	1,400.000		110	230	ug/Kg
P2787-01	SU-04-06072024	Solid	Pyrene	1,100.000		110	230	ug/Kg
P2787-01	SU-04-06072024	Solid	Total PAH	8,660.000		1800	3680	ug/Kg
Total Svoc :				17,500.00				
Total Concentration:				20,680.00				
Client ID : TR-04-060724								
P2794-01	TR-04-060724	Solid	1,2-Benzenedicarboxylic acid, bis *	150.000	J			
P2794-01	TR-04-060724	Solid	16-Octadecenoic acid, methyl este *	750.000	J			
P2794-01	TR-04-060724	Solid	4H-Cyclopenta[def]phenanthrene *	130.000	J			
P2794-01	TR-04-060724	Solid	9,12-Octadecadienoic acid, methy *	1,200.000	J			
P2794-01	TR-04-060724	Solid	Benzo[e]pyrene *	490.000	J			
P2794-01	TR-04-060724	Solid	Butane, 2-methoxy-2-methyl- *	850.000	J			
P2794-01	TR-04-060724	Solid	Hexadecanoic acid, methyl ester *	200.000	J			
P2794-01	TR-04-060724	Solid	Hydrazine, 1,1-bis(1-methylethyl) *	91.900	J			
P2794-01	TR-04-060724	Solid	Methyl stearate *	130.000	J			
P2794-01	TR-04-060724	Solid	n-Hexadecanoic acid *	400.000	J			
Total Tics :				4,391.90				
P2794-01	TR-04-060724	Solid	Benzo(a)anthracene	550.000		110	230	ug/Kg
P2794-01	TR-04-060724	Solid	Benzo(a)pyrene	570.000		120	230	ug/Kg
P2794-01	TR-04-060724	Solid	Benzo(b)fluoranthene	640.000		110	230	ug/Kg
P2794-01	TR-04-060724	Solid	Benzo(g,h,i)perylene	420.000		110	230	ug/Kg
P2794-01	TR-04-060724	Solid	Benzo(k)fluoranthene	270.000		110	230	ug/Kg
P2794-01	TR-04-060724	Solid	Butylbenzylphthalate	190.000	J	130	230	ug/Kg
P2794-01	TR-04-060724	Solid	Chrysene	600.000		110	230	ug/Kg
P2794-01	TR-04-060724	Solid	Dibenzo(a,h)anthracene	110.000	J	110	230	ug/Kg
P2794-01	TR-04-060724	Solid	Fluoranthene	1,000.000		110	230	ug/Kg
P2794-01	TR-04-060724	Solid	Indeno(1,2,3-cd)pyrene	360.000		100	230	ug/Kg
P2794-01	TR-04-060724	Solid	Phenanthrene	450.000		110	230	ug/Kg
P2794-01	TR-04-060724	Solid	Pyrene	820.000		110	230	ug/Kg
Total Svoc :				5,980.00				
Total Concentration:				10,371.90				



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

Hit Summary Sheet
SW-846

SDG No.: BP061124

Client:

Sample ID	Client ID	Matrix	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.: BP052924 SAS No.: BP052924 SDG No.: BP052924
Instrument ID: _____ Calibration Date(s): 5/29/2024 : _____
Calibration Time(s): 09:59 : _____

LAB FILE ID:		RRF2.5 = BP020469.D			RRF005 = BP020470.D		RRF010 = BP020471.D	
		RRF020 = BP020472.D			RRF040 = BP020473.D		RRF050 = BP020474.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
n-Nitrosodimethylamine		0.619	0.620	0.638	0.626	0.607	0.616	2.6
Pyridine		1.188	1.265	1.330	1.291	1.266	1.269	3.6
2-Fluorophenol		1.090	1.121	1.167	1.131	1.104	1.117	2.7
Benzaldehyde		1.159	1.123	1.066	0.890	0.814	1.010	14.9
Aniline		1.547	1.568	1.680	1.633	1.585	1.596	3.7
Phenol-d6		1.561	1.575	1.656	1.600	1.551	1.575	3.2
Phenol		1.604	1.600	1.701	1.638	1.584	1.614	3.1
bis(2-Chloroethyl)ether		1.362	1.367	1.409	1.347	1.270	1.331	4.5
2-Chlorophenol		1.251	1.246	1.313	1.269	1.224	1.252	3.0
1,2-Dichlorobenzene		1.540	1.497	1.518	1.455	1.385	1.447	5.3
1,3-Dichlorobenzene		1.533	1.526	1.546	1.473	1.425	1.475	4.3
1,4-Dichlorobenzene		1.568	1.534	1.578	1.504	1.433	1.499	4.4
Benzyl Alcohol		1.116	1.128	1.225	1.197	1.156	1.164	3.8
2-Methylphenol		1.061	1.091	1.171	1.122	1.073	1.095	4.0
2,2-oxybis(1-Chloropropane)		2.111	2.109	2.141	1.991	1.862	1.987	7.2
Acetophenone		0.523	0.512	0.520	0.495	0.478	0.496	4.8
3+4-Methylphenols		1.398	1.442	1.589	1.535	1.476	1.489	4.5
n-Nitroso-di-n-propylamine	1.014	1.121	1.126	1.174	1.108	1.031	1.075	6.4
Nitrobenzene-d5		0.355	0.363	0.379	0.371	0.362	0.365	2.6
Hexachloroethane		0.563	0.553	0.575	0.552	0.534	0.548	3.5
Nitrobenzene		0.375	0.368	0.390	0.372	0.363	0.371	2.9
Isophorone		0.702	0.710	0.744	0.716	0.698	0.710	2.9
2-Nitrophenol		0.084	0.098	0.122	0.139	0.144	0.128	21.4
2,4-Dimethylphenol		0.209	0.214	0.223	0.220	0.213	0.214	2.9
bis(2-Chloroethoxy)methane		0.456	0.442	0.460	0.435	0.423	0.436	4.3
2,4-Dichlorophenol		0.259	0.276	0.299	0.295	0.292	0.288	5.2
1,2,4-Trichlorobenzene		0.350	0.345	0.353	0.340	0.330	0.342	2.8
Benzoic acid			0.120	0.153	0.183	0.193	0.181	21.7
Naphthalene		1.077	1.048	1.070	1.013	0.986	1.022	4.4
4-Chloroaniline		0.395	0.397	0.414	0.398	0.385	0.396	3.0
Hexachlorobutadiene		0.218	0.220	0.218	0.213	0.209	0.215	1.9
Caprolactam		0.091	0.104	0.109	0.109	0.108	0.105	6.6
4-Chloro-3-methylphenol		0.306	0.322	0.347	0.341	0.336	0.337	6.4
2-Methylnaphthalene		0.752	0.738	0.754	0.723	0.693	0.733	5.8
Hexachlorocyclopentadiene		0.176	0.181	0.204	0.210	0.209	0.203	9.5
2,4,6-Trichlorophenol		0.283	0.311	0.365	0.364	0.366	0.350	10.9

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.: BP052924 SAS No.: BP052924 SDG No.: BP052924
Instrument ID: _____ Calibration Date(s): 5/29/2024 : _____
Calibration Time(s): 09:59 : _____

LAB FILE ID:		RRF2.5 = BP020469.D			RRF005 = BP020470.D		RRF010 = BP020471.D	
		RRF020 = BP020472.D			RRF040 = BP020473.D		RRF050 = BP020474.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorobiphenyl		1.455	1.393	1.455	1.312	1.270	1.342	7.3
2,4,5-Trichlorophenol		0.351	0.375	0.418	0.420	0.411	0.404	7.4
1,1-Biphenyl		1.505	1.437	1.486	1.414	1.355	1.411	5.2
2-Chloronaphthalene		1.179	1.134	1.205	1.122	1.075	1.122	5.3
2-Nitroaniline		0.242	0.274	0.322	0.322	0.327	0.304	10.8
Dimethylphthalate		1.466	1.430	1.495	1.393	1.388	1.410	4.4
Acenaphthylene		1.722	1.670	1.779	1.647	1.627	1.665	4.2
2,6-Dinitrotoluene		0.253	0.285	0.319	0.312	0.309	0.301	8.1
3-Nitroaniline		0.257	0.290	0.321	0.314	0.315	0.302	7.5
Acenaphthene		1.112	1.068	1.116	1.026	1.027	1.050	4.8
2,4-Dinitrophenol			0.063	0.083	0.101	0.113	0.104	26.5
4-Nitrophenol		0.167	0.210	0.245	0.242	0.257	0.234	14.6
Dibenzofuran		1.781	1.709	1.779	1.643	1.590	1.664	6.0
2,4-Dinitrotoluene		0.296	0.351	0.416	0.416	0.425	0.396	13.3
Diethylphthalate		1.488	1.479	1.559	1.424	1.424	1.433	6.1
4-Chlorophenyl-phenylether		0.739	0.719	0.718	0.673	0.652	0.689	7.8
Fluorene		1.455	1.413	1.441	1.299	1.268	1.336	8.4
4-Nitroaniline		0.265	0.300	0.334	0.311	0.329	0.311	9.0
4,6-Dinitro-2-methylphenol			0.049	0.064	0.078	0.085	0.078	23.8
n-Nitrosodiphenylamine		0.573	0.574	0.576	0.541	0.526	0.550	5.0
Azobenzene		1.456	1.426	1.449	1.321	1.275	1.338	8.2
2,4,6-Tribromophenol		0.177	0.195	0.214	0.220	0.227	0.208	8.8
4-Bromophenyl-phenylether		0.203	0.206	0.204	0.202	0.197	0.205	2.3
Hexachlorobenzene		0.241	0.238	0.243	0.236	0.234	0.241	2.4
Atrazine		0.192	0.204	0.201	0.193	0.187	0.193	3.7
Pentachlorophenol			0.120	0.136	0.146	0.150	0.146	11.3
Phenanthrene		1.053	1.037	1.020	0.967	0.938	0.983	5.7
Anthracene		1.021	1.014	1.006	0.962	0.922	0.965	6.0
Carbazole		0.973	0.986	0.984	0.920	0.918	0.933	6.2
Di-n-butylphthalate		1.090	1.184	1.209	1.169	1.148	1.130	7.7
Fluoranthene		1.245	1.249	1.260	1.152	1.151	1.163	10.5
Benzidine			0.400	0.476	0.729	0.731	0.610	26.1
Pyrene		1.484	1.451	1.490	1.561	1.474	1.504	2.7
Terphenyl-d14		1.238	1.205	1.218	1.277	1.170	1.201	5.0
Butylbenzylphthalate		0.394	0.462	0.549	0.602	0.602	0.549	16.0
3,3-Dichlorobenzidine		0.314	0.360	0.411	0.416	0.435	0.391	11.1

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.: BP052924 SAS No.: BP052924 SDG No.: BP052924
Instrument ID: _____ Calibration Date(s): 5/29/2024 : _____
Calibration Time(s): 09:59 _____

LAB FILE ID:		RRF2.5 = BP020469.D			RRF005 = BP020470.D		RRF010 = BP020471.D	
		RRF020 = BP020472.D			RRF040 = BP020473.D		RRF050 = BP020474.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Benzo(a)anthracene		1.348	1.340	1.367	1.316	1.290	1.317	3.1
Chrysene		1.297	1.256	1.291	1.248	1.192	1.241	3.7
Bis(2-ethylhexyl)phthalate		0.684	0.790	0.884	0.927	0.883	0.856	10.4
Di-n-octyl phthalate			1.005	1.274	1.264	1.267	1.244	9.8
Benzo(b)fluoranthene		1.202	1.271	1.327	1.261	1.216	1.246	4.3
Benzo(k)fluoranthene		1.194	1.218	1.274	1.217	1.203	1.215	2.8
Benzo(a)pyrene		0.939	1.003	1.075	1.056	1.040	1.032	4.6
Indeno(1,2,3-cd)pyrene		1.021	1.080	1.189	1.284	1.273	1.216	10.2
Dibenzo(a,h)anthracene		0.872	0.909	0.991	1.064	1.062	1.014	9.1
Benzo(g,h,i)perylene		0.869	0.904	0.982	1.068	1.059	1.014	9.6
1,2,4,5-Tetrachlorobenzene		0.576	0.573	0.601	0.575	0.563	0.579	3.7
1,4-Dioxane		0.471	0.464	0.466	0.444	0.433	0.451	4.4
2,3,4,6-Tetrachlorophenol		0.288	0.314	0.352	0.348	0.346	0.330	7.2
1-Methylnaphthalene		0.755	0.735	0.750	0.707	0.691	0.726	5.2

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.: BP061124 SAS No.: BP061124 SDG NO.: BP061124

EPA Sample No.: SSTDICCC040 Date Analyzed: Jun 11 2024 12:00AM

Lab File ID: BP020473.D Time Analyzed: 12:47

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	328112	7.769	1.4069e+00	10.53	932714	14.39
UPPER LIMIT	656224	8.269	2813800	11.034	1865428	14.892
LOWER LIMIT	164056	7.269	703450	10.034	466357	13.892
EPA SAMPLE NO.						
01 PB161393BL	309796	7.76	1.18927e	10.52	752660	14.38
02 PB161393BS	308742	7.76	1.09769e	10.52	604431	14.38
03 PB161393BSD	284542	7.76	963896	10.52	518185	14.38
04 PMW-2	198510	7.75	774877	10.52	514519	14.37
05 MW-2A	234679	7.75	933501	10.52	628626	14.38
06 MW-3	197975	7.75	760239	10.52	509891	14.38
07 SP-303-20240606	194375	7.75	739193	10.52	496048	14.38
08 TR-04-060724	299652	7.75	1.17015e	10.52	751604	14.38
09 SU-04-06072024	308616	7.75	1.21961e	10.52	778755	14.38
10 HD-02-060724	335169	7.76	1.33664e	10.52	864327	14.38

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.: BP061124 SAS No.: BP061124 SDG NO.: BP061124

EPA Sample No.: SSTDCCC040 Date Analyzed: Jun 11 2024 12:00AM

Lab File ID: BP020584.D Time Analyzed: 12:47

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	206274	7.758	742722	10.52	451476	14.38
	UPPER LIMIT	412548	8.258	1485444	11.022	902952	14.875
	LOWER LIMIT	103137	7.258	371361	10.022	225738	13.875
	EPA SAMPLE NO.						
01	PB161393BL	309796	7.76	1.18927e	10.52	752660	14.38
02	PB161393BS	308742	7.76	1.09769e	10.52	604431	14.38
03	PB161393BSD	284542	7.76	963896	10.52	518185	14.38
04	PMW-2	198510	7.75	774877	10.52	514519	14.37
05	MW-2A	234679	7.75	933501	10.52	628626	14.38
06	MW-3	197975	7.75	760239	10.52	509891	14.38
07	SP-303-20240606	194375	7.75	739193	10.52	496048	14.38
08	TR-04-060724	299652	7.75	1.17015e	10.52	751604	14.38
09	SU-04-06072024	308616	7.75	1.21961e	10.52	778755	14.38
10	HD-02-060724	335169	7.76	1.33664e	10.52	864327	14.38

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.: BP061124 SAS No.: BP061124 SDG NO.: BP061124

EPA Sample No.: SSTDICCC040 Date Analyzed: Jun 11 2024 12:00AM

Lab File ID: BP020473.D Time Analyzed: 12:47

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	1.94333e+01	17.204	1.46513e+01	21.669	1.32054e+01	25.021
	UPPER LIMIT	3886660	17.704	2930260	22.169	2641080	25.521
	LOWER LIMIT	971665	16.704	732565	21.169	660270	24.521
	EPA SAMPLE NO.						
01	PB161393BL	1.4228e	17.19	1.04318e+	21.62	1.25471e+	24.97
02	PB161393BS	1.12511	17.18	1.07979e+	21.64	1.29069e+	25.00
03	PB161393BSD	1.02081	17.18	1.02757e+	21.64	1.22483e+	24.98
04	PMW-2	1.10822	17.18	1.17461e+	21.64	1.38495e+	24.99
05	MW-2A	1.3583e	17.19	1.26264e+	21.63	1.40216e+	24.99
06	MW-3	1.13711	17.19	1.16951e+	21.62	1.31686e+	24.98
07	SP-303-20240606	1.1385e	17.19	1.14817e+	21.63	1.31731e+	24.97
08	TR-04-060724	1.57593	17.18	1.44046e+	21.63	1.72206e+	24.99
09	SU-04-06072024	1.59237	17.19	1.43126e+	21.65	1.67113e+	24.99
10	HD-02-060724	1.71376	17.19	1.52877e+	21.65	1.80829e+	25.01

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.: BP061124 SAS No.: BP061124 SDG NO.: BP061124

EPA Sample No.: SSTDCCC040 Date Analyzed: Jun 11 2024 12:00AM

Lab File ID: BP020584.D Time Analyzed: 12:47

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	969607	17.181	1.04221e+	21.645	1.25745e+01	24.986
	UPPER LIMIT	1939214	17.681	2084420	22.145	2514900	25.486
	LOWER LIMIT	484803.5	16.681	521105	21.145	628725	24.486
	EPA SAMPLE NO.						
01	PB161393BL	1.4228e	17.19	1.04318e+	21.62	1.25471e+	24.97
02	PB161393BS	1.12511	17.18	1.07979e+	21.64	1.29069e+	25.00
03	PB161393BSD	1.02081	17.18	1.02757e+	21.64	1.22483e+	24.98
04	PMW-2	1.10822	17.18	1.17461e+	21.64	1.38495e+	24.99
05	MW-2A	1.3583e	17.19	1.26264e+	21.63	1.40216e+	24.99
06	MW-3	1.13711	17.19	1.16951e+	21.62	1.31686e+	24.98
07	SP-303-20240606	1.1385e	17.19	1.14817e+	21.63	1.31731e+	24.97
08	TR-04-060724	1.57593	17.18	1.44046e+	21.63	1.72206e+	24.99
09	SU-04-06072024	1.59237	17.19	1.43126e+	21.65	1.67113e+	24.99
10	HD-02-060724	1.71376	17.19	1.52877e+	21.65	1.80829e+	25.01

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.: BP061124

Client: _____

Analytical Method: 8270E

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB161393BS	n-Nitrosodimethylamine	50	38.3	ug/L	77				55	108	
	Pyridine	50	32.5	ug/L	65				29	97	
	Benzaldehyde	50	29.9	ug/L	60				15	121	
	Aniline	50	23.1	ug/L	46				10	130	
	Phenol	50	39.7	ug/L	79				66	118	
	bis(2-Chloroethyl)ether	50	39.5	ug/L	79				62	103	
	2-Chlorophenol	50	43.5	ug/L	87				70	117	
	1,2-Dichlorobenzene	50	41.6	ug/L	83				72	102	
	1,3-Dichlorobenzene	50	42	ug/L	84				71	103	
	1,4-Dichlorobenzene	50	42.7	ug/L	85				76	103	
	Benzyl Alcohol	50	39.1	ug/L	78				36	93	
	2-Methylphenol	50	38.6	ug/L	77				69	109	
	2,2-oxybis(1-Chloropropane)	50	36.1	ug/L	72				52	103	
	Acetophenone	50	43.6	ug/L	87				60	104	
	3+4-Methylphenols	50	37.8	ug/L	76				67	106	
	N-Nitroso-di-n-propylamine	50	34.8	ug/L	70				57	107	
	Hexachloroethane	50	42.5	ug/L	85				76	118	
	Nitrobenzene	50	42.5	ug/L	85				58	106	
	Isophorone	50	39.6	ug/L	79				61	102	
	2-Nitrophenol	50	51.6	ug/L	103				70	115	
	2,4-Dimethylphenol	50	45.2	ug/L	90				67	130	
	bis(2-Chloroethoxy)methane	50	40.3	ug/L	81				58	109	
	2,4-Dichlorophenol	50	45.4	ug/L	91				66	115	
	1,2,4-Trichlorobenzene	50	45.8	ug/L	92				41	115	
	Benzoic acid	50	45.4	ug/L	91				10	125	
	Naphthalene	50	42.8	ug/L	86				64	107	
	4-Chloroaniline	50	17.3	ug/L	35				10	85	
	Hexachlorobutadiene	50	46.6	ug/L	93				69	101	
	Caprolactam	50	35.4	ug/L	71				58	128	
	4-Chloro-3-methylphenol	50	39.2	ug/L	78				65	114	
	2-Methylnaphthalene	50	39.5	ug/L	79				64	107	
	Hexachlorocyclopentadiene	100	150	ug/L	150				36	160	
	2,4,6-Trichlorophenol	50	52.3	ug/L	105				61	110	
	2,4,5-Trichlorophenol	50	47.9	ug/L	96				70	106	
	1,1-Biphenyl	50	46.8	ug/L	94				72	98	
	2-Chloronaphthalene	50	45.7	ug/L	91				59	106	
	2-Nitroaniline	50	46.4	ug/L	93				58	107	
	Dimethylphthalate	50	41.4	ug/L	83				64	103	
	Acenaphthylene	50	47.4	ug/L	95				65	108	
	2,6-Dinitrotoluene	50	42.9	ug/L	86				64	110	
	3-Nitroaniline	50	33.2	ug/L	66				28	100	
	Acenaphthene	50	42.4	ug/L	85				59	113	
	Total PAH	800	764.9	ug/L	96				59	113	
	2,4-Dinitrophenol	100	95	ug/L	95				64	132	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP061124

Client: _____

Analytical Method: 8270E

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Low	Limits	
							Qual	Qual		High	RPD
PB161393BS	4-Nitrophenol	100	95.6	ug/L	96				68	116	
	Dibenzofuran	50	43.7	ug/L	87				65	106	
	2,4-Dinitrotoluene	50	45	ug/L	90				60	115	
	2,4-Dinitrotoluene/2,6-Dinitrotr	100	87.9	ug/L	88				60	115	
	Diethylphthalate	50	39.1	ug/L	78				63	105	
	4-Chlorophenyl-phenylether	50	42.1	ug/L	84				61	104	
	Fluorene	50	41.2	ug/L	82				64	107	
	4-Nitroaniline	50	40.3	ug/L	81				69	112	
	4,6-Dinitro-2-methylphenol	50	56	ug/L	112				62	132	
	N-Nitrosodiphenylamine	50	47	ug/L	94				61	109	
	Azobenzene	50	39.3	ug/L	79				59	106	
	4-Bromophenyl-phenylether	50	47.7	ug/L	95				73	103	
	Hexachlorobenzene	50	47.3	ug/L	95				73	106	
	Atrazine	50	46.8	ug/L	94				76	120	
	Pentachlorophenol	100	99.8	ug/L	100				47	114	
	Phenanthrene	50	46.4	ug/L	93				62	109	
	Anthracene	50	47	ug/L	94				65	110	
	Carbazole	50	45	ug/L	90				62	106	
	Di-n-butylphthalate	50	44.8	ug/L	90				64	106	
	Fluoranthene	50	46.4	ug/L	93				64	110	
	Benzidine	100	12.9	ug/L	13				10	94	
	Pyrene	50	39.5	ug/L	79				71	103	
	Butylbenzylphthalate	50	41.6	ug/L	83				61	105	
	3,3-Dichlorobenzidine	50	44.4	ug/L	89				43	108	
	Benzo(a)anthracene	50	46.2	ug/L	92				62	107	
	Chrysene	50	46.3	ug/L	93				61	108	
	bis(2-Ethylhexyl)phthalate	50	42.5	ug/L	85				59	110	
	Di-n-octyl phthalate	50	52.8	ug/L	106				67	126	
	Benzo(b)fluoranthene	50	44.4	ug/L	89				77	113	
	Benzo(k)fluoranthene	50	46.3	ug/L	93				64	113	
	Benzo(a)pyrene	50	51.8	ug/L	104				72	131	
	Indeno(1,2,3-cd)pyrene	50	60	ug/L	120		*		72	105	
	Dibenz(a,h)anthracene	50	59.4	ug/L	119		*		78	115	
	Benzo(g,h,i)perylene	50	57.4	ug/L	115				75	118	
	1,2,4,5-Tetrachlorobenzene	50	51.8	ug/L	104		*		72	101	
	1,4-Dioxane	50	36.9	ug/L	74				38	125	
	2,3,4,6-Tetrachlorophenol	50	49.5	ug/L	99				63	116	
	1-Methylnaphthalene	50	36.7	ug/L	73				51	114	
PB161393BSD	n-Nitrosodimethylamine	50	38.7	ug/L	77	1			55	108	20
	Pyridine	50	33.5	ug/L	67	3			29	97	20
	Benzaldehyde	50	29	ug/L	58	3			15	121	20
	Aniline	50	21.9	ug/L	44	5			10	130	20
	Phenol	50	38.1	ug/L	76	4			66	118	20
	bis(2-Chloroethyl)ether	50	38.3	ug/L	77	3			62	103	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP061124

Client: _____

Analytical Method: 8270E

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Limits		RPD
							Qual	Qual	Low	High	
PB161393BSD	2-Chlorophenol	50	42.1	ug/L	84	3			70	117	20
	1,2-Dichlorobenzene	50	41.4	ug/L	83	0			72	102	20
	1,3-Dichlorobenzene	50	42.8	ug/L	86	2			71	103	20
	1,4-Dichlorobenzene	50	42.8	ug/L	86	0			76	103	20
	Benzyl Alcohol	50	37	ug/L	74	6			36	93	20
	2-Methylphenol	50	36.4	ug/L	73	6			69	109	20
	2,2-oxybis(1-Chloropropane)	50	34.6	ug/L	69	4			52	103	20
	Acetophenone	50	43.7	ug/L	87	0			60	104	20
	3+4-Methylphenols	50	35.4	ug/L	71	7			67	106	20
	N-Nitroso-di-n-propylamine	50	32.7	ug/L	65	6			57	107	20
	Hexachloroethane	50	43.1	ug/L	86	1			76	118	20
	Nitrobenzene	50	42.4	ug/L	85	0			58	106	20
	Isophorone	50	38.7	ug/L	77	2			61	102	20
	2-Nitrophenol	50	51.9	ug/L	104	1			70	115	20
	2,4-Dimethylphenol	50	44	ug/L	88	3			67	130	20
	bis(2-Chloroethoxy)methane	50	40.2	ug/L	80	0			58	109	20
	2,4-Dichlorophenol	50	44.2	ug/L	88	3			66	115	20
	1,2,4-Trichlorobenzene	50	46.5	ug/L	93	2			41	115	20
	Benzoic acid	50	44.2	ug/L	88	3			10	125	20
	Naphthalene	50	43	ug/L	86	0			64	107	20
	4-Chloroaniline	50	16.1	ug/L	32	7			10	85	20
	Hexachlorobutadiene	50	48	ug/L	96	3			69	101	20
	Caprolactam	50	35.3	ug/L	71	0			58	128	20
	4-Chloro-3-methylphenol	50	38.3	ug/L	77	2			65	114	20
	2-Methylnaphthalene	50	39	ug/L	78	1			64	107	20
	Hexachlorocyclopentadiene	100	160	ug/L	160	6			36	160	20
	2,4,6-Trichlorophenol	50	52.2	ug/L	104	0			61	110	20
	2,4,5-Trichlorophenol	50	48.2	ug/L	96	1			70	106	20
	1,1-Biphenyl	50	47.6	ug/L	95	2			72	98	20
	2-Chloronaphthalene	50	46.5	ug/L	93	2			59	106	20
	2-Nitroaniline	50	47.8	ug/L	96	3			58	107	20
	Dimethylphthalate	50	42.7	ug/L	85	3			64	103	20
	Acenaphthylene	50	48.6	ug/L	97	2			65	108	20
	2,6-Dinitrotoluene	50	44.3	ug/L	89	3			64	110	20
	3-Nitroaniline	50	34.8	ug/L	70	5			28	100	20
	Acenaphthene	50	43.8	ug/L	88	3			59	113	20
	Total PAH	800	777.4	ug/L	97	2			59	113	20
	2,4-Dinitrophenol	100	99.9	ug/L	100	5			64	132	20
	4-Nitrophenol	100	100	ug/L	100	4			68	116	20
	Dibenzofuran	50	44.8	ug/L	90	2			65	106	20
	2,4-Dinitrotoluene	50	46.5	ug/L	93	3			60	115	20
	2,4-Dinitrotoluene/2,6-Dinitro	100	90.8	ug/L	91	3			60	115	20
	Diethylphthalate	50	41.5	ug/L	83	6			63	105	20
	4-Chlorophenyl-phenylether	50	43.7	ug/L	87	4			61	104	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP061124

Client: _____

Analytical Method: 8270E

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Limits		RPD
							Qual	Qual	Low	High	
PB161393BSD	Fluorene	50	43	ug/L	86	4			64	107	20
	4-Nitroaniline	50	43.5	ug/L	87	8			69	112	20
	4,6-Dinitro-2-methylphenol	50	56.7	ug/L	113	1			62	132	20
	N-Nitrosodiphenylamine	50	46.1	ug/L	92	2			61	109	20
	Azobenzene	50	40.4	ug/L	81	3			59	106	20
	4-Bromophenyl-phenylether	50	46.5	ug/L	93	3			73	103	20
	Hexachlorobenzene	50	46.3	ug/L	93	2			73	106	20
	Atrazine	50	47	ug/L	94	0			76	120	20
	Pentachlorophenol	100	100	ug/L	100	0			47	114	20
	Phenanthrene	50	46.4	ug/L	93	0			62	109	20
	Anthracene	50	47	ug/L	94	0			65	110	20
	Carbazole	50	46.2	ug/L	92	3			62	106	20
	Di-n-butylphthalate	50	45.3	ug/L	91	1			64	106	20
	Fluoranthene	50	48.2	ug/L	96	4			64	110	20
	Benzidine	100	13.5	ug/L	14	5			10	94	20
	Pyrene	50	38.5	ug/L	77	3			71	103	20
	Butylbenzylphthalate	50	41.8	ug/L	84	0			61	105	20
	3,3-Dichlorobenzidine	50	45.1	ug/L	90	2			43	108	20
	Benzo(a)anthracene	50	46.4	ug/L	93	0			62	107	20
	Chrysene	50	47.6	ug/L	95	3			61	108	20
	bis(2-Ethylhexyl)phthalate	50	43.6	ug/L	87	3			59	110	20
	Di-n-octyl phthalate	50	53.8	ug/L	108	2			67	126	20
	Benzo(b)fluoranthene	50	45.4	ug/L	91	2			77	113	20
	Benzo(k)fluoranthene	50	46.1	ug/L	92	0			64	113	20
	Benzo(a)pyrene	50	52.2	ug/L	104	1			72	131	20
	Indeno(1,2,3-cd)pyrene	50	61.4	ug/L	123	2	*		72	105	20
	Dibenz(a,h)anthracene	50	61	ug/L	122	3	*		78	115	20
	Benzo(g,h,i)perylene	50	58.8	ug/L	118	2			75	118	20
	1,2,4,5-Tetrachlorobenzene	50	52.5	ug/L	105	1	*		72	101	20
	1,4-Dioxane	50	38.9	ug/L	78	5			38	125	20
	2,3,4,6-Tetrachlorophenol	50	50.2	ug/L	100	1			63	116	20
	1-Methylnaphthalene	50	36.5	ug/L	73	1			51	114	20

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB161393BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP061124

SAS No.: BP061124 SDG NO.: BP061124

Lab File ID: BP020585.D

Lab Sample ID: PB161393BL

Instrument ID: BNA_P

Date Extracted: 06/07/2024

Matrix: (soil/water) Water

Date Analyzed: 06/11/2024

Level: (low/med) LOW

Time Analyzed: 12:47

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB161393BS	PB161393BS	BP020586.D	06/11/2024
PB161393BSD	PB161393BSD	BP020587.D	06/11/2024
PMW-2	P2767-01	BP020588.D	06/11/2024
MW-2A	P2767-02	BP020589.D	06/11/2024
MW-3	P2767-03	BP020590.D	06/11/2024
SP-303-20240606	P2770-03	BP020591.D	06/11/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

TR-04-060724

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP061124

SAS No.: BP061124 SDG NO.: BP061124

Lab File ID: BP020592.D

Lab Sample ID: P2794-01

Instrument ID: BNA_P

Date Extracted: 06/08/2024

Matrix: (soil/water) Solid

Date Analyzed: 06/11/2024

Level: (low/med) LOW

Time Analyzed: 17:53

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
TR-04-060724	P2794-01	BP020592.D	06/11/2024
SU-04-06072024	P2787-01	BP020593.D	06/11/2024
HD-02-060724	P2786-01	BP020594.D	06/11/2024

COMMENTS: _____

Surrogate Summary

SW-846

SDG No.: **BP061124**

Client:

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2767-01	PMW-2	BP020588.D	2-Fluorophenol	150	59.42	40		10	139
			Phenol-d6	150	31.62	21		10	134
			Nitrobenzene-d5	100	87.47	87		49	133
			2-Fluorobiphenyl	100	84.05	84		52	132
			2,4,6-Tribromophenol	150	189.37	126		32	145
			Terphenyl-d14	100	73.85	74		36	145
P2767-02	MW-2A	BP020589.D	2-Fluorophenol	150	57.83	39		10	139
			Phenol-d6	150	33.15	22		10	134
			Nitrobenzene-d5	100	85.52	86		49	133
			2-Fluorobiphenyl	100	84.64	85		52	132
			2,4,6-Tribromophenol	150	183.51	122		32	145
			Terphenyl-d14	100	78.59	79		36	145
P2767-03	MW-3	BP020590.D	2-Fluorophenol	150	51.88	35		10	139
			Phenol-d6	150	28.79	19		10	134
			Nitrobenzene-d5	100	69.31	69		49	133
			2-Fluorobiphenyl	100	68.60	69		52	132
			2,4,6-Tribromophenol	150	147.19	98		32	145
			Terphenyl-d14	100	62.17	62		36	145
P2770-03	SP-303-20240606	BP020591.D	2-Fluorophenol	150	49.45	33		10	139
			Phenol-d6	150	24.78	17		10	134
			Nitrobenzene-d5	100	80.72	81		49	133
			2-Fluorobiphenyl	100	79.01	79		52	132
			2,4,6-Tribromophenol	150	182.33	122		32	145
			Terphenyl-d14	100	79.95	80		36	145
PB161393BL	PB161393BL	BP020585.D	2-Fluorophenol	150	138.16	92		10	139
			Phenol-d6	150	121.85	81		10	134
			Nitrobenzene-d5	100	84.79	85		49	133
			2-Fluorobiphenyl	100	86.27	86		52	132
			2,4,6-Tribromophenol	150	146.31	98		32	145
			Terphenyl-d14	100	82.70	83		36	145
PB161393BS	PB161393BS	BP020586.D	2-Fluorophenol	150	131.16	87		10	139
			Phenol-d6	150	110.60	74		10	134
			Nitrobenzene-d5	100	84.69	85		49	133
			2-Fluorobiphenyl	100	87.78	88		52	132
			2,4,6-Tribromophenol	150	150.99	101		32	145
			Terphenyl-d14	100	77.74	78		36	145
PB161393BSD	PB161393BSD	BP020587.D	2-Fluorophenol	150	127.34	85		10	139
			Phenol-d6	150	105.84	71		10	134
			Nitrobenzene-d5	100	85.17	85		49	133
			2-Fluorobiphenyl	100	89.07	89		52	132
			2,4,6-Tribromophenol	150	156.03	104		32	145
			Terphenyl-d14	100	77.56	78		36	145

Surrogate Summary

SW-846

SDG No.: **BP061124**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2786-01	HD-02-060724	BP020594.D	2-Fluorophenol	150	85.92	57		18	112
			Phenol-d6	150	79.69	53		15	107
			Nitrobenzene-d5	100	53.26	53		18	107
			2-Fluorobiphenyl	100	49.83	50		20	109
			2,4,6-Tribromophenol	150	101.79	68		10	110
			Terphenyl-d14	100	44.68	45		14	112
P2787-01	SU-04-06072024	BP020593.D	2-Fluorophenol	150	98.84	66		18	112
			Phenol-d6	150	91.34	61		15	107
			Nitrobenzene-d5	100	60.57	61		18	107
			2-Fluorobiphenyl	100	62.75	63		20	109
			2,4,6-Tribromophenol	150	119.95	80		10	110
			Terphenyl-d14	100	59.13	59		14	112
P2794-01	TR-04-060724	BP020592.D	2-Fluorophenol	150	100.32	67		18	112
			Phenol-d6	150	90.29	60		15	107
			Nitrobenzene-d5	100	61.97	62		18	107
			2-Fluorobiphenyl	100	62.46	62		20	109
			2,4,6-Tribromophenol	150	121.48	81		10	110
			Terphenyl-d14	100	58.79	59		14	112

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BP061124

Lab Code: CHEM

SAS No.: BP061124 SDG NO.: BP061124

Lab File ID: BP020583.D

DFTPP Injection Date: 06/11/2024

Instrument ID: BNA_P

DFTPP Injection Time: 09:08

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	29.1
68	Less than 2.0% of mass 69	0.6 (1.9) 1
69	Mass 69 relative abundance	30.1
70	Less than 2.0% of mass 69	0.1 (0.5) 1
127	10.0 - 80.0% of mass 198	40.4
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.7
275	10.0 - 60.0% of mass 198	28.4
365	Greater than 1% of mass 198	3.6
441	Present, but less than mass 443	14.9
442	Greater than 50% of mass 198	97.1
443	15.0 - 24.0% of mass 442	18.3 (18.9) 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	BP020584.D	06/11/2024	12:04
PB161393BL	PB161393BL	BP020585.D	06/11/2024	12:47
PB161393BS	PB161393BS	BP020586.D	06/11/2024	13:29
PB161393BSD	PB161393BSD	BP020587.D	06/11/2024	14:12
PMW-2	P2767-01	BP020588.D	06/11/2024	14:59
MW-2A	P2767-02	BP020589.D	06/11/2024	15:41
MW-3	P2767-03	BP020590.D	06/11/2024	16:26
SP-303-20240606	P2770-03	BP020591.D	06/11/2024	17:10
TR-04-060724	P2794-01	BP020592.D	06/11/2024	17:53
SU-04-06072024	P2787-01	BP020593.D	06/11/2024	18:37
HD-02-060724	P2786-01	BP020594.D	06/11/2024	19:21
SSTDCCC040EC	SSTDCCC040EC	BP020595.D	06/11/2024	20:05