

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP082124 SAS No.: BP082124 SDG No.: BP082124

Instrument ID: BNA_P Calibration Date/Time: 8/21/2024 1:10:10

Lab File ID: BP021592.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	0.536	0.507		-5.41	
Pyridine	1.783	1.611		-9.647	
2-Fluorophenol	1.347	1.386		2.895	
Benzaldehyde	1.258	1.091		-13.275	
Aniline	1.964	1.787		-9.012	
Phenol-d6	1.965	1.977		0.611	
Phenol	2.035	2.006		-1.425	20.0
bis(2-Chloroethyl) ether	1.722	1.517		-11.905	
2-Chlorophenol	1.245	1.332		6.988	
1,2-Dichlorobenzene	1.439	1.415		-1.668	
1,3-Dichlorobenzene	1.479	1.460		-1.285	
1,4-Dichlorobenzene	1.493	1.480		-0.871	20.0
Benzyl Alcohol	1.410	1.341		-4.894	
2-Methylphenol	1.286	1.305		1.477	
2,2-oxybis(1-Chloropropane)	1.585	1.387		-12.492	
Acetophenone	0.614	0.585		-4.723	
3+4-Methylphenols	1.734	1.825		5.248	
n-Nitroso-di-n-propylamine	1.357	1.133	0.050	-16.507	
Nitrobenzene-d5	0.387	0.422		9.044	
Hexachloroethane	0.599	0.595		-0.668	
Nitrobenzene	0.421	0.431		2.375	
Isophorone	0.915	0.807		-11.803	
2-Nitrophenol	0.086	0.165		91.86	20.0
2,4-Dimethylphenol	0.226	0.230		1.77	
bis(2-Chloroethoxy) methane	0.559	0.506		-9.481	
2,4-Dichlorophenol	0.267	0.303		13.483	20.0
1,2,4-Trichlorobenzene	0.342	0.336		-1.754	
Benzoic acid	0.137	0.276		101.46	
Naphthalene	1.045	1.044		-0.096	
4-Chloroaniline	0.392	0.408		4.082	
Hexachlorobutadiene	0.215	0.205		-4.651	20.0
Caprolactam	0.111	0.136		22.523	
4-Chloro-3-methylphenol	0.370	0.417		12.703	20.0
2-Methylnaphthalene	0.713	0.713		0.0	
Hexachlorocyclopentadiene	0.186	0.174	0.050	-6.452	
2,4,6-Trichlorophenol	0.326	0.377		15.644	20.0
2-Fluorobiphenyl	1.310	1.238		-5.496	
2,4,5-Trichlorophenol	0.362	0.428		18.232	
1,1-Biphenyl	1.415	1.360		-3.887	

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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	1.102	1.067		-3.176	
2-Nitroaniline	0.256	0.361		41.016	
Dimethylphthalate	1.339	1.381		3.137	
Acenaphthylene	1.619	1.609		-0.618	
2,6-Dinitrotoluene	0.232	0.317		36.638	
3-Nitroaniline	0.228	0.332		45.614	
Acenaphthene	1.063	1.108		4.233	20.0
2,4-Dinitrophenol	0.069	0.149	0.050	115.942	
4-Nitrophenol	0.195	0.307	0.050	57.436	
Dibenzofuran	1.635	1.652		1.04	
2,4-Dinitrotoluene	0.284	0.455		60.211	
Diethylphthalate	1.374	1.430		4.076	
4-Chlorophenyl-phenylether	0.694	0.673		-3.026	
Fluorene	1.343	1.339		-0.298	
4-Nitroaniline	0.241	0.362		50.207	
4,6-Dinitro-2-methylphenol	0.054	0.096		77.778	
n-Nitrosodiphenylamine	0.536	0.508		-5.224	20.0
Azobenzene	1.689	1.523		-9.828	
2,4,6-Tribromophenol	0.223	0.273		22.422	
4-Bromophenyl-phenylether	0.212	0.196		-7.547	
Hexachlorobenzene	0.250	0.235		-6.0	
Atrazine	0.184	0.147		-20.109	
Pentachlorophenol	0.137	0.170		24.088	20.0
Phenanthrene	0.962	0.954		-0.832	
Anthracene	0.943	0.939		-0.424	
Carbazole	0.909	0.951		4.62	
Di-n-butylphthalate	1.116	1.157		3.674	
Fluoranthene	1.180	1.267		7.373	20.0
Benzidine	0.420	0.512		21.905	
Pyrene	1.307	1.288		-1.454	
Terphenyl-d14	1.029	0.947		-7.969	
Butylbenzylphthalate	0.437	0.538		23.112	
3,3-Dichlorobenzidine	0.403	0.465		15.385	
Benzo(a)anthracene	1.256	1.256		0.0	
Chrysene	1.185	1.189		0.338	
Bis(2-ethylhexyl)phthalate	0.742	0.828		11.59	
Di-n-octyl phthalate	1.199	1.470		22.602	20.0
Benzo(b)fluoranthene	1.149	1.155		0.522	
Benzo(k)fluoranthene	1.121	1.078		-3.836	

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Lab Code: CHEM Case No.: BP082124 SAS No.: BP082124 SDG No.: BP082124

Instrument ID: BNA_P Calibration Date/Time: 8/21/2024 1:10:10

Lab File ID: BP021592.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	0.997	0.999		0.201	20.0
Indeno(1,2,3-cd)pyrene	1.296	1.288		-0.617	
Dibenzo(a,h)anthracene	1.077	1.069		-0.743	
Benzo(g,h,i)perylene	1.080	1.079		-0.093	
1,2,4,5-Tetrachlorobenzene	0.586	0.558		-4.778	
1,4-Dioxane	0.639	0.574		-10.172	20.0
2,3,4,6-Tetrachlorophenol	0.307	0.378		23.127	
1-Methylnaphthalene	0.703	0.703		0.0	

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.: BP082124 SAS No.: BP082124 SDG No.: BP082124

Instrument ID: BNA_P Calibration Date/Time: 8/21/2024 1: 20:18

Lab File ID: BP021605.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	0.536	0.441		-17.724	50.0
Pyridine	1.783	1.371		-23.107	50.0
2-Fluorophenol	1.347	1.164		-13.586	50.0
Benzaldehyde	1.258	1.231		-2.146	50.0
Aniline	1.964	1.522		-22.505	50.0
Phenol-d6	1.965	1.667		-15.165	50.0
Phenol	2.035	1.682		-17.346	50.0
bis(2-Chloroethyl) ether	1.722	1.325		-23.055	50.0
2-Chlorophenol	1.245	1.119		-10.12	50.0
1,2-Dichlorobenzene	1.439	1.192		-17.165	50.0
1,3-Dichlorobenzene	1.479	1.252		-15.348	50.0
1,4-Dichlorobenzene	1.493	1.255		-15.941	50.0
Benzyl Alcohol	1.410	1.161		-17.66	50.0
2-Methylphenol	1.286	1.101		-14.386	50.0
2,2-oxybis(1-Chloropropane)	1.585	1.211		-23.596	50.0
Acetophenone	0.614	0.488		-20.521	50.0
3+4-Methylphenols	1.734	1.553		-10.438	50.0
n-Nitroso-di-n-propylamine	1.357	0.988	0.050	-27.192	50.0
Nitrobenzene-d5	0.387	0.358		-7.494	50.0
Hexachloroethane	0.599	0.511		-14.691	50.0
Nitrobenzene	0.421	0.368		-12.589	50.0
Isophorone	0.915	0.685		-25.137	50.0
2-Nitrophenol	0.086	0.133		54.651	50.0
2,4-Dimethylphenol	0.226	0.193		-14.602	50.0
bis(2-Chloroethoxy) methane	0.559	0.429		-23.256	50.0
2,4-Dichlorophenol	0.267	0.251		-5.993	50.0
1,2,4-Trichlorobenzene	0.342	0.277		-19.006	50.0
Benzoic acid	0.137	0.220		60.584	50.0
Naphthalene	1.045	0.869		-16.842	50.0
4-Chloroaniline	0.392	0.335		-14.541	50.0
Hexachlorobutadiene	0.215	0.173		-19.535	50.0
Caprolactam	0.111	0.109		-1.802	50.0
4-Chloro-3-methylphenol	0.370	0.349		-5.676	50.0
2-Methylnaphthalene	0.713	0.596		-16.41	50.0
Hexachlorocyclopentadiene	0.186	0.193	0.050	3.763	50.0
2,4,6-Trichlorophenol	0.326	0.313		-3.988	50.0
2-Fluorobiphenyl	1.310	1.047		-20.076	50.0
2,4,5-Trichlorophenol	0.362	0.361		-0.276	50.0
1,1-Biphenyl	1.415	1.168		-17.456	50.0

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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	1.102	0.911		-17.332	50.0
2-Nitroaniline	0.256	0.305		19.141	50.0
Dimethylphthalate	1.339	1.166		-12.92	50.0
Acenaphthylene	1.619	1.360		-15.998	50.0
2,6-Dinitrotoluene	0.232	0.268		15.517	50.0
3-Nitroaniline	0.228	0.277		21.491	50.0
Acenaphthene	1.063	0.926		-12.888	50.0
2,4-Dinitrophenol	0.069	0.118	0.050	71.014	50.0
4-Nitrophenol	0.195	0.245	0.050	25.641	50.0
Dibenzofuran	1.635	1.383		-15.413	50.0
2,4-Dinitrotoluene	0.284	0.371		30.634	50.0
Diethylphthalate	1.374	1.217		-11.426	50.0
4-Chlorophenyl-phenylether	0.694	0.571		-17.723	50.0
Fluorene	1.343	1.146		-14.669	50.0
4-Nitroaniline	0.241	0.295		22.407	50.0
4,6-Dinitro-2-methylphenol	0.054	0.080		48.148	50.0
n-Nitrosodiphenylamine	0.536	0.441		-17.724	50.0
Azobenzene	1.689	1.331		-21.196	50.0
2,4,6-Tribromophenol	0.223	0.227		1.794	50.0
4-Bromophenyl-phenylether	0.212	0.170		-19.811	50.0
Hexachlorobenzene	0.250	0.204		-18.4	50.0
Atrazine	0.184	0.123		-33.152	50.0
Pentachlorophenol	0.137	0.140		2.19	50.0
Phenanthrene	0.962	0.804		-16.424	50.0
Anthracene	0.943	0.798		-15.376	50.0
Carbazole	0.909	0.796		-12.431	50.0
Di-n-butylphthalate	1.116	1.009		-9.588	50.0
Fluoranthene	1.180	1.049		-11.102	50.0
Benzidine	0.420	0.283		-32.619	50.0
Pyrene	1.307	1.121		-14.231	50.0
Terphenyl-d14	1.029	0.854		-17.007	50.0
Butylbenzylphthalate	0.437	0.473		8.238	50.0
3,3-Dichlorobenzidine	0.403	0.369		-8.437	50.0
Benzo(a)anthracene	1.256	1.078		-14.172	50.0
Chrysene	1.185	1.012		-14.599	50.0
Bis(2-ethylhexyl)phthalate	0.742	0.725		-2.291	50.0
Di-n-octyl phthalate	1.199	1.229		2.502	50.0
Benzo(b)fluoranthene	1.149	0.980		-14.708	50.0
Benzo(k)fluoranthene	1.121	0.928		-17.217	50.0

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COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Benzo(a)pyrene	0.997	0.849		-14.845	50.0
Indeno(1,2,3-cd)pyrene	1.296	1.083		-16.435	50.0
Dibenzo(a,h)anthracene	1.077	0.897		-16.713	50.0
Benzo(g,h,i)perylene	1.080	0.907		-16.019	50.0
1,2,4,5-Tetrachlorobenzene	0.586	0.467		-20.307	50.0
1,4-Dioxane	0.639	0.491		-23.161	50.0
2,3,4,6-Tetrachlorophenol	0.307	0.311		1.303	50.0
1-Methylnaphthalene	0.703	0.589		-16.216	50.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	8/16/2024 12:00:00 AM
Project:		Date Received:	8/16/2024 12:00:00 AM
Client Sample ID:	PB162788BL	SDG No.:	BP082124
Lab Sample ID:	PB162788BL	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
BP021593.D	1	8/16/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162788

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:	8/16/2024 12:00:00 AM
Project:		Date Received:	8/16/2024 12:00:00 AM
Client Sample ID:	PB162788BL	SDG No.:	BP082124
Lab Sample ID:	PB162788BL	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021593.D	1	8/16/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162788

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:	8/16/2024 12:00:00 AM
Project:		Date Received:	8/16/2024 12:00:00 AM
Client Sample ID:	PB162788BL	SDG No.:	BP082124
Lab Sample ID:	PB162788BL	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
BP021593.D	1	8/16/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162788

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	128.421		10-139		86	SPK: -150
13127-88-3	Phenol-d6	114.792		10-134		77	SPK: -150
4165-60-0	Nitrobenzene-d5	90.207		49-133		90	SPK: -100
321-60-8	2-Fluorobiphenyl	79.651		52-132		80	SPK: -100

Report of Analysis

Client:		Date Collected:	8/16/2024 12:00:00 AM
Project:		Date Received:	8/16/2024 12:00:00 AM
Client Sample ID:	PB162788BL	SDG No.:	BP082124
Lab Sample ID:	PB162788BL	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
BP021593.D	1	8/16/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162788

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	152.552		44-137		102	SPK: -150
1718-51-0	Terphenyl-d14	80.508		48-125		81	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	378034	7.805				
1146-65-2	Naphthalene-d8	1462908	10.593				
15067-26-2	Acenaphthene-d10	910755	14.451				
1517-22-2	Phenanthrene-d10	2055959	17.263				
1719-03-5	Chrysene-d12	2128573	21.722				
1520-96-3	Perylene-d12	2476214	25.168				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	2.3	J			3.028	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	4.7	A			4.94	

Report of Analysis

Client:		Date Collected:	8/16/2024 12:00:00 AM
Project:		Date Received:	8/16/2024 12:00:00 AM
Client Sample ID:	PB162788BS	SDG No.:	BP082124
Lab Sample ID:	PB162788BS	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
BP021594.D	1	8/16/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162788

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	41.7		1	8	10	ug/L
110-86-1	Pyridine	27.8		1.6	4	5	ug/L
100-52-7	Benzaldehyde	18.3		4	8	10	ug/L
62-53-3	Aniline	24.7		1.6	4	5	ug/L
108-95-2	Phenol	44.2		0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	39.2		1.2	4	5	ug/L
95-57-8	2-Chlorophenol	48.8		0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	41.9		0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	41.4		0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	42.2		0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	43.6		1.6	8	10	ug/L
95-48-7	2-Methylphenol	44.3		1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	39.7		1.4	4	5	ug/L
98-86-2	Acetophenone	38.4		1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	45.3		1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	34.6		1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	42.6		1	4	5	ug/L
98-95-3	Nitrobenzene	43.9		1.3	4	5	ug/L
78-59-1	Isophorone	38.2		1.1	4	5	ug/L
88-75-5	2-Nitrophenol	62.7		2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	50.3		1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	40		1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	52.1		0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	42.4		1.1	4	5	ug/L
65-85-0	Benzoic acid	65		5.5	8	10	ug/L
91-20-3	Naphthalene	42.9		1	4	5	ug/L
106-47-8	4-Chloroaniline	26.9		1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	40.2		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	8/16/2024 12:00:00 AM
Project:		Date Received:	8/16/2024 12:00:00 AM
Client Sample ID:	PB162788BS	SDG No.:	BP082124
Lab Sample ID:	PB162788BS	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
BP021594.D	1	8/16/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162788

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	46.1		1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	48.8		0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	42.1		1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	110	E	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	54.5		0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	52.7		1	4	5	ug/L
92-52-4	1,1-Biphenyl	40.1		0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	43.3		0.97	4	5	ug/L
88-74-4	2-Nitroaniline	52.6		1.4	4	5	ug/L
131-11-3	Dimethylphthalate	45.5		0.93	4	5	ug/L
208-96-8	Acenaphthylene	47.7		1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	50.1		1.2	4	5	ug/L
99-09-2	3-Nitroaniline	43.3		1.4	4	5	ug/L
83-32-9	Acenaphthene	49.8		0.81	4	5	ug/L
Total PAH	Total PAH	757.1		17.36	4	80	ug/L
51-28-5	2,4-Dinitrophenol	120	E	6.4	8	10	ug/L
100-02-7	4-Nitrophenol	110	E	2	8	10	ug/L
132-64-9	Dibenzofuran	43.9		0.93	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	104.7		2.7	4	10	ug/L
121-14-2	2,4-Dinitrotoluene	54.6		1.5	4	5	ug/L
84-66-2	Diethylphthalate	44.4		1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	40.7		0.98	4	5	ug/L
86-73-7	Fluorene	42		0.96	4	5	ug/L
100-01-6	4-Nitroaniline	50.5		2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	69.8		3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	44.7		0.89	4	5	ug/L
103-33-3	Azobenzene	39.1		1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	42.4		0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	42		1.1	4	5	ug/L
1912-24-9	Atrazine	40.2		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	8/16/2024 12:00:00 AM
Project:		Date Received:	8/16/2024 12:00:00 AM
Client Sample ID:	PB162788BS	SDG No.:	BP082124
Lab Sample ID:	PB162788BS	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
BP021594.D	1	8/16/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162788

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	45		0.89	4	5	ug/L
120-12-7	Anthracene	46.6		1.1	4	5	ug/L
86-74-8	Carbazole	46		1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	45.1		1.5	4	5	ug/L
206-44-0	Fluoranthene	44.7		1.3	4	5	ug/L
92-87-5	Benzidine	22.2		4.1	8	10	ug/L
129-00-0	Pyrene	44.9		1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	49.1		2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	42		1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	46.2		0.94	4	5	ug/L
218-01-9	Chrysene	46.4		0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	47.5		1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	48.5		2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	48.6		1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	47.8		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	52.1		1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	51.1		1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	49.5		1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	40		1.1	4	5	ug/L
123-91-1	1,4-Dioxane	28.8		1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	55.1		0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	39.8		0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	130.412		10-139		87	SPK: -150
13127-88-3	Phenol-d6	119.914		10-134		80	SPK: -150
4165-60-0	Nitrobenzene-d5	91.599		49-133		92	SPK: -100
321-60-8	2-Fluorobiphenyl	78.75		52-132		79	SPK: -100

Report of Analysis

Client:		Date Collected:	8/16/2024 12:00:00 AM
Project:		Date Received:	8/16/2024 12:00:00 AM
Client Sample ID:	PB162788BS	SDG No.:	BP082124
Lab Sample ID:	PB162788BS	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
BP021594.D	1	8/16/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162788

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	145.552		44-137		97	SPK: -150
1718-51-0	Terphenyl-d14	80.692		48-125		81	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	422633	7.805				
1146-65-2	Naphthalene-d8	1649511	10.593				
15067-26-2	Acenaphthene-d10	1043036	14.457				
1517-22-2	Phenanthrene-d10	2218669	17.263				
1719-03-5	Chrysene-d12	2116508	21.727				
1520-96-3	Perylene-d12	2397430	25.168				

Report of Analysis

Client:		Date Collected:	8/16/2024 12:00:00 AM
Project:		Date Received:	8/16/2024 12:00:00 AM
Client Sample ID:	PB162788BSD	SDG No.:	BP082124
Lab Sample ID:	PB162788BSD	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
BP021595.D	1	8/16/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162788

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	41		1	8	10	ug/L
110-86-1	Pyridine	27.2		1.6	4	5	ug/L
100-52-7	Benzaldehyde	18.1		4	8	10	ug/L
62-53-3	Aniline	25.9		1.6	4	5	ug/L
108-95-2	Phenol	44.4		0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	39		1.2	4	5	ug/L
95-57-8	2-Chlorophenol	48.9		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	41.4		0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	41.8		0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	43.5		1.6	8	10	ug/L
95-48-7	2-Methylphenol	44.9		1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	39.8		1.4	4	5	ug/L
98-86-2	Acetophenone	37.9		1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	45.8		1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	34.5		1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	42.4		1	4	5	ug/L
98-95-3	Nitrobenzene	42.8		1.3	4	5	ug/L
78-59-1	Isophorone	38		1.1	4	5	ug/L
88-75-5	2-Nitrophenol	61.6		2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	50.6		1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	39.8		1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	52.5		0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	41.6		1.1	4	5	ug/L
65-85-0	Benzoic acid	65.4		5.5	8	10	ug/L
91-20-3	Naphthalene	42.5		1	4	5	ug/L
106-47-8	4-Chloroaniline	25.8		1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	39.9		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	8/16/2024 12:00:00 AM
Project:		Date Received:	8/16/2024 12:00:00 AM
Client Sample ID:	PB162788BSD	SDG No.:	BP082124
Lab Sample ID:	PB162788BSD	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
BP021595.D	1	8/16/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162788

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	47.3		1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	50		0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	42.5		1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	110	E	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	54.9		0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	53.4		1	4	5	ug/L
92-52-4	1,1-Biphenyl	39.8		0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	42.4		0.97	4	5	ug/L
88-74-4	2-Nitroaniline	53.1		1.4	4	5	ug/L
131-11-3	Dimethylphthalate	45.8		0.93	4	5	ug/L
208-96-8	Acenaphthylene	47.7		1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	50.1		1.2	4	5	ug/L
99-09-2	3-Nitroaniline	43.4		1.4	4	5	ug/L
83-32-9	Acenaphthene	50.1		0.81	4	5	ug/L
Total PAH	Total PAH	757		17.36	4	80	ug/L
51-28-5	2,4-Dinitrophenol	120	E	6.4	8	10	ug/L
100-02-7	4-Nitrophenol	110	E	2	8	10	ug/L
132-64-9	Dibenzofuran	44.7		0.93	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	406.2		2.7	4	10	ug/L
121-14-2	2,4-Dinitrotoluene	56.1		1.5	4	5	ug/L
84-66-2	Diethylphthalate	45.2		1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	42.5		0.98	4	5	ug/L
86-73-7	Fluorene	42.9		0.96	4	5	ug/L
100-01-6	4-Nitroaniline	52		2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	68.3		3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	44.4		0.89	4	5	ug/L
103-33-3	Azobenzene	39.7		1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	42.5		0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	41.8		1.1	4	5	ug/L
1912-24-9	Atrazine	40.8		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	8/16/2024 12:00:00 AM
Project:		Date Received:	8/16/2024 12:00:00 AM
Client Sample ID:	PB162788BSD	SDG No.:	BP082124
Lab Sample ID:	PB162788BSD	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
BP021595.D	1	8/16/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162788

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	44.8		0.89	4	5	ug/L
120-12-7	Anthracene	45.3		1.1	4	5	ug/L
86-74-8	Carbazole	46.5		1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	45.2		1.5	4	5	ug/L
206-44-0	Fluoranthene	44.7		1.3	4	5	ug/L
92-87-5	Benzidine	23.6		4.1	8	10	ug/L
129-00-0	Pyrene	43.8		1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	49.2		2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	43		1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	46.1		0.94	4	5	ug/L
218-01-9	Chrysene	46		0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	48.5		1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	49.1		2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	48		1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	48.2		1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	52.3		1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	52.6		1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	51.9		1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	50.1		1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	39		1.1	4	5	ug/L
123-91-1	1,4-Dioxane	28.3		1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	56.8		0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	40.5		0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	128.905		10-139		86	SPK: -150
13127-88-3	Phenol-d6	119.362		10-134		80	SPK: -150
4165-60-0	Nitrobenzene-d5	89.853		49-133		90	SPK: -100
321-60-8	2-Fluorobiphenyl	77.817		52-132		78	SPK: -100

Report of Analysis

Client:		Date Collected:	8/16/2024 12:00:00 AM
Project:		Date Received:	8/16/2024 12:00:00 AM
Client Sample ID:	PB162788BSD	SDG No.:	BP082124
Lab Sample ID:	PB162788BSD	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
BP021595.D	1	8/16/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162788

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	149.333		44-137		100	SPK: -150
1718-51-0	Terphenyl-d14	79.858		48-125		80	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	384224	7.793				
1146-65-2	Naphthalene-d8	1531743	10.581				
15067-26-2	Acenaphthene-d10	1006858	14.451				
1517-22-2	Phenanthrene-d10	2217857	17.275				
1719-03-5	Chrysene-d12	2163191	21.745				
1520-96-3	Perylene-d12	2473126	25.186				

Report of Analysis

Client:		Date Collected:	8/14/2024 12:00:00 AM
Project:		Date Received:	8/14/2024 12:00:00 AM
Client Sample ID:	PB162717BS	SDG No.:	BP082124
Lab Sample ID:	PB162717BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021596.D	1	8/14/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162717

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1400		86.8	270	330	ug/Kg
110-86-1	Pyridine	910		79.9	130	170	ug/Kg
100-52-7	Benzaldehyde	610		180	270	330	ug/Kg
62-53-3	Aniline	900		96.9	130	170	ug/Kg
108-95-2	Phenol	1500		82.9	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1300		83.7	130	170	ug/Kg
95-57-8	2-Chlorophenol	1700		83.5	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	1400		84.6	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	1400		86	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	1400		86.5	130	170	ug/Kg
100-51-6	Benzyl Alcohol	1500		83	270	330	ug/Kg
95-48-7	2-Methylphenol	1500		80.6	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1400		90.9	130	170	ug/Kg
98-86-2	Acetophenone	1300		86.9	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	1600		79.8	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1200		40.3	80	80	ug/Kg
67-72-1	Hexachloroethane	1400		83	130	170	ug/Kg
98-95-3	Nitrobenzene	1400		90.8	130	170	ug/Kg
78-59-1	Isophorone	1300		84.6	130	170	ug/Kg
88-75-5	2-Nitrophenol	2000		94.5	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	1700		93.2	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1300		85.8	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1800		75.5	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1400		85.4	130	170	ug/Kg
65-85-0	Benzoic acid	2200		240	270	330	ug/Kg
91-20-3	Naphthalene	1400		82.6	130	170	ug/Kg
106-47-8	4-Chloroaniline	840		82.6	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	1300		83.3	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	8/14/2024 12:00:00 AM
Project:		Date Received:	8/14/2024 12:00:00 AM
Client Sample ID:	PB162717BS	SDG No.:	BP082124
Lab Sample ID:	PB162717BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021596.D	1	8/14/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162717

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1600		86.8	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1700		77.5	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	1400		82.5	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	3600	E	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1800		71.4	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1800		74	130	170	ug/Kg
92-52-4	1,1-Biphenyl	1300		87.4	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	1400		83.3	130	170	ug/Kg
88-74-4	2-Nitroaniline	1800		95	130	170	ug/Kg
131-11-3	Dimethylphthalate	1500		81.7	130	170	ug/Kg
208-96-8	Acenaphthylene	1600		86.5	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1700		83.2	130	170	ug/Kg
99-09-2	3-Nitroaniline	1500		89.2	130	170	ug/Kg
83-32-9	Acenaphthene	1700		81.1	130	170	ug/Kg
Total PAH	Total PAH	25300		1325.1	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	4100	E	240	270	330	ug/Kg
100-02-7	4-Nitrophenol	3700	E	120	270	330	ug/Kg
132-64-9	Dibenzofuran	1500		84.4	130	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	1900		86.2	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	3600		169.4	130	340	ug/Kg
84-66-2	Diethylphthalate	1500		80.1	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1400		85.6	130	170	ug/Kg
86-73-7	Fluorene	1400		85.5	130	170	ug/Kg
100-01-6	4-Nitroaniline	1700		110	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	2300		120	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1500		81.6	130	170	ug/Kg
103-33-3	Azobenzene	1300		79.6	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1400		78.9	130	170	ug/Kg
118-74-1	Hexachlorobenzene	1400		85	130	170	ug/Kg
1912-24-9	Atrazine	1400		91.4	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	8/14/2024 12:00:00 AM
Project:		Date Received:	8/14/2024 12:00:00 AM
Client Sample ID:	PB162717BS	SDG No.:	BP082124
Lab Sample ID:	PB162717BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021596.D	1	8/14/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162717

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	3400	E	77.3	270	330	ug/Kg
85-01-8	Phenanthrene	1500		84	130	170	ug/Kg
120-12-7	Anthracene	1500		84.4	130	170	ug/Kg
86-74-8	Carbazole	1500		80.3	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	1500		84.3	130	170	ug/Kg
206-44-0	Fluoranthene	1500		81.7	130	170	ug/Kg
92-87-5	Benzidine	780		160	270	330	ug/Kg
129-00-0	Pyrene	1500		83	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	1700		96.8	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1500		98.6	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	1600		80.7	130	170	ug/Kg
218-01-9	Chrysene	1500		79.5	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1700		91	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1700		110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1600		81.1	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	1600		82.6	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	1700		93	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1800		78.1	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1700		81.2	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1700		80.1	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1300		86.8	130	170	ug/Kg
123-91-1	1,4-Dioxane	910		110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1900		74.7	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	1300		83.2	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	131.843		18-112		88	SPK: -150
13127-88-3	Phenol-d6	122.964		15-107		82	SPK: -150
4165-60-0	Nitrobenzene-d5	88.803		18-107		89	SPK: -100
321-60-8	2-Fluorobiphenyl	77.393		20-109		77	SPK: -100

Report of Analysis

Client:		Date Collected:	8/14/2024 12:00:00 AM
Project:		Date Received:	8/14/2024 12:00:00 AM
Client Sample ID:	PB162717BS	SDG No.:	BP082124
Lab Sample ID:	PB162717BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021596.D	1	8/14/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162717

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	149.799		10-116		100	SPK: -150
1718-51-0	Terphenyl-d14	81.411		10-105		81	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	382215	7.805				
1146-65-2	Naphthalene-d8	1575046	10.593				
15067-26-2	Acenaphthene-d10	1040134	14.451				
1517-22-2	Phenanthrene-d10	2287402	17.257				
1719-03-5	Chrysene-d12	2165693	21.733				
1520-96-3	Perylene-d12	2442992	25.18				

Report of Analysis

Client:		Date Collected:	8/10/2024 12:00:00 AM
Project:		Date Received:	8/10/2024 12:00:00 AM
Client Sample ID:	PB162631BS	SDG No.:	BP082124
Lab Sample ID:	PB162631BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021597.D	1	8/10/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162631

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1400		86.8	270	330	ug/Kg
110-86-1	Pyridine	930		79.9	130	170	ug/Kg
100-52-7	Benzaldehyde	610		180	270	330	ug/Kg
62-53-3	Aniline	840		96.9	130	170	ug/Kg
108-95-2	Phenol	1500		82.9	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1300		83.7	130	170	ug/Kg
95-57-8	2-Chlorophenol	1700		83.5	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	1400		84.6	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	1400		86	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	1400		86.5	130	170	ug/Kg
100-51-6	Benzyl Alcohol	1500		83	270	330	ug/Kg
95-48-7	2-Methylphenol	1600		80.6	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1300		90.9	130	170	ug/Kg
98-86-2	Acetophenone	1300		86.9	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	1600		79.8	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1200		40.3	80	80	ug/Kg
67-72-1	Hexachloroethane	1400		83	130	170	ug/Kg
98-95-3	Nitrobenzene	1400		90.8	130	170	ug/Kg
78-59-1	Isophorone	1300		84.6	130	170	ug/Kg
88-75-5	2-Nitrophenol	2000		94.5	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	1700		93.2	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1300		85.8	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1800		75.5	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1400		85.4	130	170	ug/Kg
65-85-0	Benzoic acid	2200		240	270	330	ug/Kg
91-20-3	Naphthalene	1400		82.6	130	170	ug/Kg
106-47-8	4-Chloroaniline	910		82.6	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	1300		83.3	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	8/10/2024 12:00:00 AM
Project:		Date Received:	8/10/2024 12:00:00 AM
Client Sample ID:	PB162631BS	SDG No.:	BP082124
Lab Sample ID:	PB162631BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021597.D	1	8/10/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162631

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1600		86.8	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1700		77.5	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	1400		82.5	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	3500	E	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1800		71.4	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1800		74	130	170	ug/Kg
92-52-4	1,1-Biphenyl	1300		87.4	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	1400		83.3	130	170	ug/Kg
88-74-4	2-Nitroaniline	1800		95	130	170	ug/Kg
131-11-3	Dimethylphthalate	1500		81.7	130	170	ug/Kg
208-96-8	Acenaphthylene	1600		86.5	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1700		83.2	130	170	ug/Kg
99-09-2	3-Nitroaniline	1500		89.2	130	170	ug/Kg
83-32-9	Acenaphthene	1700		81.1	130	170	ug/Kg
Total PAH	Total PAH	25000		1325.1	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	4100	E	240	270	330	ug/Kg
100-02-7	4-Nitrophenol	3900	E	120	270	330	ug/Kg
132-64-9	Dibenzofuran	1500		84.4	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	3600		169.4	130	340	ug/Kg
121-14-2	2,4-Dinitrotoluene	1900		86.2	130	170	ug/Kg
84-66-2	Diethylphthalate	1500		80.1	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1400		85.6	130	170	ug/Kg
86-73-7	Fluorene	1400		85.5	130	170	ug/Kg
100-01-6	4-Nitroaniline	1800		110	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	2300		120	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1400		81.6	130	170	ug/Kg
103-33-3	Azobenzene	1300		79.6	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1400		78.9	130	170	ug/Kg
118-74-1	Hexachlorobenzene	1400		85	130	170	ug/Kg
1912-24-9	Atrazine	1400		91.4	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	8/10/2024 12:00:00 AM
Project:		Date Received:	8/10/2024 12:00:00 AM
Client Sample ID:	PB162631BS	SDG No.:	BP082124
Lab Sample ID:	PB162631BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01	Units:	g
Soil Aliquot Vol:		Final Vol:	1000
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021597.D	1	8/10/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162631

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	3400	E	77.3	270	330	ug/Kg
85-01-8	Phenanthrene	1500		84	130	170	ug/Kg
120-12-7	Anthracene	1500		84.4	130	170	ug/Kg
86-74-8	Carbazole	1600		80.3	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	1500		84.3	130	170	ug/Kg
206-44-0	Fluoranthene	1500		81.7	130	170	ug/Kg
92-87-5	Benzidine	710		160	270	330	ug/Kg
129-00-0	Pyrene	1500		83	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	1700		96.8	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1400		98.6	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	1500		80.7	130	170	ug/Kg
218-01-9	Chrysene	1500		79.5	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1700		91	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1600		110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1600		81.1	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	1600		82.6	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	1700		93	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1700		78.1	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1700		81.2	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1600		80.1	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1300		86.8	130	170	ug/Kg
123-91-1	1,4-Dioxane	960		110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1900		74.7	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	1300		83.2	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	131.573		18-112		88	SPK: -150
13127-88-3	Phenol-d6	122.921		15-107		82	SPK: -150
4165-60-0	Nitrobenzene-d5	89.758		18-107		90	SPK: -100
321-60-8	2-Fluorobiphenyl	76.373		20-109		76	SPK: -100

Report of Analysis

Client:		Date Collected:	8/10/2024 12:00:00 AM
Project:		Date Received:	8/10/2024 12:00:00 AM
Client Sample ID:	PB162631BS	SDG No.:	BP082124
Lab Sample ID:	PB162631BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021597.D	1	8/10/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162631

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	151.911		10-116		101	SPK: -150
1718-51-0	Terphenyl-d14	81.711		10-105		82	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	396536	7.799				
1146-65-2	Naphthalene-d8	1623956	10.587				
15067-26-2	Acenaphthene-d10	1089685	14.451				
1517-22-2	Phenanthrene-d10	2444315	17.269				
1719-03-5	Chrysene-d12	2279531	21.733				
1520-96-3	Perylene-d12	2475837	25.168				

Report of Analysis

Client:		Date Collected:	8/20/2024 12:00:00 AM
Project:		Date Received:	8/20/2024 12:00:00 AM
Client Sample ID:	PB162878BL	SDG No.:	BP082124
Lab Sample ID:	PB162878BL	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
BP021598.D	1	8/20/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162878

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:	8/20/2024 12:00:00 AM
Project:		Date Received:	8/20/2024 12:00:00 AM
Client Sample ID:	PB162878BL	SDG No.:	BP082124
Lab Sample ID:	PB162878BL	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
BP021598.D	1	8/20/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162878

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:	8/20/2024 12:00:00 AM
Project:		Date Received:	8/20/2024 12:00:00 AM
Client Sample ID:	PB162878BL	SDG No.:	BP082124
Lab Sample ID:	PB162878BL	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
BP021598.D	1	8/20/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162878

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	131.182		10-139		87	SPK: -150
13127-88-3	Phenol-d6	119.648		10-134		80	SPK: -150
4165-60-0	Nitrobenzene-d5	91.634		49-133		92	SPK: -100
321-60-8	2-Fluorobiphenyl	79.894		52-132		80	SPK: -100

Report of Analysis

Client:		Date Collected:	8/20/2024 12:00:00 AM
Project:		Date Received:	8/20/2024 12:00:00 AM
Client Sample ID:	PB162878BL	SDG No.:	BP082124
Lab Sample ID:	PB162878BL	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
BP021598.D	1	8/20/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162878

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	156.759		44-137		105	SPK: -150
1718-51-0	Terphenyl-d14	79.146		48-125		79	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	283679	7.805				
1146-65-2	Naphthalene-d8	1114928	10.593				
15067-26-2	Acenaphthene-d10	720129	14.451				
1517-22-2	Phenanthrene-d10	1692452	17.263				
1719-03-5	Chrysene-d12	1955992	21.722				
1520-96-3	Perylene-d12	2330392	25.145				
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	4.8	A			4.94	

Report of Analysis

Client:		Date Collected:	8/20/2024 12:00:00 AM
Project:		Date Received:	8/20/2024 12:00:00 AM
Client Sample ID:	PB162878BS	SDG No.:	BP082124
Lab Sample ID:	PB162878BS	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
BP021599.D	1	8/20/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162878

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	40.7		1	8	10	ug/L
110-86-1	Pyridine	26.9		1.6	4	5	ug/L
100-52-7	Benzaldehyde	18.1		4	8	10	ug/L
62-53-3	Aniline	26.2		1.6	4	5	ug/L
108-95-2	Phenol	44.6		0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	39.7		1.2	4	5	ug/L
95-57-8	2-Chlorophenol	49.5		0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	42		0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	41.5		0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	41.9		0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	44.4		1.6	8	10	ug/L
95-48-7	2-Methylphenol	45.7		1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	40.7		1.4	4	5	ug/L
98-86-2	Acetophenone	37.6		1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	47		1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	35.8		1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	42.9		1	4	5	ug/L
98-95-3	Nitrobenzene	42.2		1.3	4	5	ug/L
78-59-1	Isophorone	38.1		1.1	4	5	ug/L
88-75-5	2-Nitrophenol	60.8		2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	50.3		1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	39.8		1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	51.8		0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	41.8		1.1	4	5	ug/L
65-85-0	Benzoic acid	65.5		5.5	8	10	ug/L
91-20-3	Naphthalene	41.8		1	4	5	ug/L
106-47-8	4-Chloroaniline	24.8		1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	39.6		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	8/20/2024 12:00:00 AM
Project:		Date Received:	8/20/2024 12:00:00 AM
Client Sample ID:	PB162878BS	SDG No.:	BP082124
Lab Sample ID:	PB162878BS	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		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
BP021599.D	1	8/20/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162878

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	46.4		1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	49.6		0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	42.3		1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	110	E	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	54.9		0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	52.7		1	4	5	ug/L
92-52-4	1,1-Biphenyl	39.5		0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	41.9		0.97	4	5	ug/L
88-74-4	2-Nitroaniline	52.8		1.4	4	5	ug/L
131-11-3	Dimethylphthalate	46.5		0.93	4	5	ug/L
208-96-8	Acenaphthylene	48		1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	51		1.2	4	5	ug/L
99-09-2	3-Nitroaniline	43.7		1.4	4	5	ug/L
83-32-9	Acenaphthene	50.2		0.81	4	5	ug/L
Total PAH	Total PAH	753.8		17.36	4	80	ug/L
51-28-5	2,4-Dinitrophenol	120	E	6.4	8	10	ug/L
100-02-7	4-Nitrophenol	110	E	2	8	10	ug/L
132-64-9	Dibenzofuran	45		0.93	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	107.5		2.7	4	10	ug/L
121-14-2	2,4-Dinitrotoluene	56.5		1.5	4	5	ug/L
84-66-2	Diethylphthalate	46.7		1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	42.1		0.98	4	5	ug/L
86-73-7	Fluorene	43		0.96	4	5	ug/L
100-01-6	4-Nitroaniline	52.4		2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	67.7		3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	44.2		0.89	4	5	ug/L
103-33-3	Azobenzene	40.6		1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	42.2		0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	41.5		1.1	4	5	ug/L
1912-24-9	Atrazine	40.4		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	8/20/2024 12:00:00 AM
Project:		Date Received:	8/20/2024 12:00:00 AM
Client Sample ID:	PB162878BS	SDG No.:	BP082124
Lab Sample ID:	PB162878BS	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
BP021599.D	1	8/20/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162878

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	44.8		0.89	4	5	ug/L
120-12-7	Anthracene	45.2		1.1	4	5	ug/L
86-74-8	Carbazole	45.8		1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	46.1		1.5	4	5	ug/L
206-44-0	Fluoranthene	44.6		1.3	4	5	ug/L
92-87-5	Benzidine	22		4.1	8	10	ug/L
129-00-0	Pyrene	44		1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	51.3		2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	41.8		1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	46.4		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	52.2		1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	51.7		2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	48.4		1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	49.2		1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	51.7		1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	51.1		1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	50.4		1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	48.7		1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	38.6		1.1	4	5	ug/L
123-91-1	1,4-Dioxane	27.3		1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	56.1		0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	40		0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	130.495		10-139		87	SPK: -150
13127-88-3	Phenol-d6	120.733		10-134		80	SPK: -150
4165-60-0	Nitrobenzene-d5	88.797		49-133		89	SPK: -100
321-60-8	2-Fluorobiphenyl	76.913		52-132		77	SPK: -100

Report of Analysis

Client:		Date Collected:	8/20/2024 12:00:00 AM
Project:		Date Received:	8/20/2024 12:00:00 AM
Client Sample ID:	PB162878BS	SDG No.:	BP082124
Lab Sample ID:	PB162878BS	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
BP021599.D	1	8/20/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162878

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	149.614		44-137		100	SPK: -150
1718-51-0	Terphenyl-d14	80.459		48-125		80	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	412244	7.805				
1146-65-2	Naphthalene-d8	1693907	10.593				
15067-26-2	Acenaphthene-d10	1109834	14.451				
1517-22-2	Phenanthrene-d10	2482231	17.263				
1719-03-5	Chrysene-d12	2374692	21.733				
1520-96-3	Perylene-d12	2545548	25.163				

Report of Analysis

Client:		Date Collected:	8/20/2024 12:00:00 AM
Project:		Date Received:	8/20/2024 12:00:00 AM
Client Sample ID:	PB162878BSD	SDG No.:	BP082124
Lab Sample ID:	PB162878BSD	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
BP021600.D	1	8/20/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162878

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	41.7		1	8	10	ug/L
110-86-1	Pyridine	28.4		1.6	4	5	ug/L
100-52-7	Benzaldehyde	18.1		4	8	10	ug/L
62-53-3	Aniline	25.6		1.6	4	5	ug/L
108-95-2	Phenol	44.7		0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	38.8		1.2	4	5	ug/L
95-57-8	2-Chlorophenol	48.9		0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	41.7		0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	41.6		0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	41.7		0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	43.1		1.6	8	10	ug/L
95-48-7	2-Methylphenol	45		1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	39.4		1.4	4	5	ug/L
98-86-2	Acetophenone	37.9		1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	46.1		1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	34.3		1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	42.1		1	4	5	ug/L
98-95-3	Nitrobenzene	43.2		1.3	4	5	ug/L
78-59-1	Isophorone	37.6		1.1	4	5	ug/L
88-75-5	2-Nitrophenol	61.1		2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	50.6		1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	39.3		1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	51.8		0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	41.7		1.1	4	5	ug/L
65-85-0	Benzoic acid	65.4		5.5	8	10	ug/L
91-20-3	Naphthalene	42.4		1	4	5	ug/L
106-47-8	4-Chloroaniline	25		1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	39.5		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	8/20/2024 12:00:00 AM
Project:		Date Received:	8/20/2024 12:00:00 AM
Client Sample ID:	PB162878BSD	SDG No.:	BP082124
Lab Sample ID:	PB162878BSD	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
BP021600.D	1	8/20/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162878

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	46.8		1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	48.6		0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	42		1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	110	E	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	53.8		0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	53.4		1	4	5	ug/L
92-52-4	1,1-Biphenyl	39.7		0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	42.6		0.97	4	5	ug/L
88-74-4	2-Nitroaniline	53		1.4	4	5	ug/L
131-11-3	Dimethylphthalate	45.7		0.93	4	5	ug/L
208-96-8	Acenaphthylene	47.7		1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	50		1.2	4	5	ug/L
99-09-2	3-Nitroaniline	44.6		1.4	4	5	ug/L
83-32-9	Acenaphthene	50		0.81	4	5	ug/L
Total PAH	Total PAH	753.5		17.36	4	80	ug/L
51-28-5	2,4-Dinitrophenol	120	E	6.4	8	10	ug/L
100-02-7	4-Nitrophenol	120	E	2	8	10	ug/L
132-64-9	Dibenzofuran	45.1		0.93	4	5	ug/L
121-14-2	2,4-Dinitrotoluene	55.4		1.5	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	105.4		2.7	4	10	ug/L
84-66-2	Diethylphthalate	45.5		1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	41.5		0.98	4	5	ug/L
86-73-7	Fluorene	42.6		0.96	4	5	ug/L
100-01-6	4-Nitroaniline	53.9		2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	68.3		3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	44.3		0.89	4	5	ug/L
103-33-3	Azobenzene	40.1		1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	41.9		0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	41.7		1.1	4	5	ug/L
1912-24-9	Atrazine	40.4		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	8/20/2024 12:00:00 AM
Project:		Date Received:	8/20/2024 12:00:00 AM
Client Sample ID:	PB162878BSD	SDG No.:	BP082124
Lab Sample ID:	PB162878BSD	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
BP021600.D	1	8/20/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162878

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	45.6		0.89	4	5	ug/L
120-12-7	Anthracene	46.4		1.1	4	5	ug/L
86-74-8	Carbazole	47.9		1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	46.6		1.5	4	5	ug/L
206-44-0	Fluoranthene	47.5		1.3	4	5	ug/L
92-87-5	Benzidine	22.2		4.1	8	10	ug/L
129-00-0	Pyrene	41.6		1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	50.3		2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	43.3		1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	45.4		0.94	4	5	ug/L
218-01-9	Chrysene	46.7		0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	51.1		1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	52.5		2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	47.9		1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	49.4		1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	51.6		1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	50.6		1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	50.1		1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	48		1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	39.4		1.1	4	5	ug/L
123-91-1	1,4-Dioxane	29.2		1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	56.3		0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	39.9		0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	130.3		10-139		87	SPK: -150
13127-88-3	Phenol-d6	120.67		10-134		80	SPK: -150
4165-60-0	Nitrobenzene-d5	90.515		49-133		91	SPK: -100
321-60-8	2-Fluorobiphenyl	78.576		52-132		79	SPK: -100

Report of Analysis

Client:		Date Collected:	8/20/2024 12:00:00 AM
Project:		Date Received:	8/20/2024 12:00:00 AM
Client Sample ID:	PB162878BSD	SDG No.:	BP082124
Lab Sample ID:	PB162878BSD	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
BP021600.D	1	8/20/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162878

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	151.281		44-137		101	SPK: -150
1718-51-0	Terphenyl-d14	79.03		48-125		79	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	381039	7.799				
1146-65-2	Naphthalene-d8	1510814	10.593				
15067-26-2	Acenaphthene-d10	976830	14.445				
1517-22-2	Phenanthrene-d10	2177042	17.257				
1719-03-5	Chrysene-d12	2366812	21.722				
1520-96-3	Perylene-d12	2632836	25.174				

Report of Analysis

Client:		Date Collected:	8/16/2024 12:00:00 AM
Project:		Date Received:	8/16/2024 12:00:00 AM
Client Sample ID:	SP-303-70740816	SDG No.:	BP082124
Lab Sample ID:	P3666-03	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		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
BP021601.D	1	8/20/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162878

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:	8/16/2024 12:00:00 AM
Project:		Date Received:	8/16/2024 12:00:00 AM
Client Sample ID:	SP-303-70740816	SDG No.:	BP082124
Lab Sample ID:	P3666-03	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	uL
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021601.D	1	8/20/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162878

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:	8/16/2024 12:00:00 AM
Project:		Date Received:	8/16/2024 12:00:00 AM
Client Sample ID:	SP-303-70740816	SDG No.:	BP082124
Lab Sample ID:	P3666-03	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
BP021601.D	1	8/20/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162878

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	68.6		10-139		46	SPK: -150
13127-88-3	Phenol-d6	37.695		10-134		25	SPK: -150
4165-60-0	Nitrobenzene-d5	120.9		49-133		121	SPK: -100
321-60-8	2-Fluorobiphenyl	103.598		52-132		104	SPK: -100

Report of Analysis

Client:		Date Collected:	8/16/2024 12:00:00 AM
Project:		Date Received:	8/16/2024 12:00:00 AM
Client Sample ID:	SP-303-70740816	SDG No.:	BP082124
Lab Sample ID:	P3666-03	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
BP021601.D	1	8/20/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162878

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	196.803		44-137		131	SPK: -150
1718-51-0	Terphenyl-d14	99.07		48-125		99	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	233094	7.799				
1146-65-2	Naphthalene-d8	897287	10.587				
15067-26-2	Acenaphthene-d10	577607	14.457				
1517-22-2	Phenanthrene-d10	1348819	17.263				
1719-03-5	Chrysene-d12	1503972	21.727				
1520-96-3	Perylene-d12	1777297	25.168				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	250	J			3.028	

Report of Analysis

Client:		Date Collected:	8/14/2024 12:00:00 AM
Project:		Date Received:	8/14/2024 12:00:00 AM
Client Sample ID:	Field Blank	SDG No.:	BP082124
Lab Sample ID:	P3617-02	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
BP021602.D	1	8/16/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162788

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:	8/14/2024 12:00:00 AM
Project:		Date Received:	8/14/2024 12:00:00 AM
Client Sample ID:	Field Blank	SDG No.:	BP082124
Lab Sample ID:	P3617-02	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021602.D	1	8/16/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162788

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:	8/14/2024 12:00:00 AM
Project:		Date Received:	8/14/2024 12:00:00 AM
Client Sample ID:	Field Blank	SDG No.:	BP082124
Lab Sample ID:	P3617-02	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
BP021602.D	1	8/16/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162788

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	67.956		10-139		45	SPK: -150
13127-88-3	Phenol-d6	39.395		10-134		26	SPK: -150
4165-60-0	Nitrobenzene-d5	109.278		49-133		109	SPK: -100
321-60-8	2-Fluorobiphenyl	90.419		52-132		90	SPK: -100

Report of Analysis

Client:		Date Collected:	8/14/2024 12:00:00 AM
Project:		Date Received:	8/14/2024 12:00:00 AM
Client Sample ID:	Field Blank	SDG No.:	BP082124
Lab Sample ID:	P3617-02	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 :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021602.D	1	8/16/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162788

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	210.199	*	44-137		140	SPK: -150
1718-51-0	Terphenyl-d14	115.089		48-125		115	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	252809	7.799				
1146-65-2	Naphthalene-d8	1002689	10.593				
15067-26-2	Acenaphthene-d10	670558	14.451				
1517-22-2	Phenanthrene-d10	1647270	17.263				
1719-03-5	Chrysene-d12	1735021	21.727				
1520-96-3	Perylene-d12	1891478	25.18				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	190	J			3.022	

Report of Analysis

Client:		Date Collected:	8/14/2024 12:00:00 AM
Project:		Date Received:	8/14/2024 12:00:00 AM
Client Sample ID:	VCPS-B2-081424-6W	SDG No.:	BP082124
Lab Sample ID:	P3617-03	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	990	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
BP021603.D	1	8/16/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162788

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1	U	1	8.1	10.1	ug/L
110-86-1	Pyridine	1.6	U	1.6	4	5.1	ug/L
100-52-7	Benzaldehyde	4	U	4	8.1	10.1	ug/L
62-53-3	Aniline	1.6	U	1.6	4	5.1	ug/L
108-95-2	Phenol	0.94	U	0.94	4	5.1	ug/L
111-44-4	bis(2-Chloroethyl)ether	1.2	U	1.2	4	5.1	ug/L
95-57-8	2-Chlorophenol	0.72	U	0.72	4	5.1	ug/L
95-50-1	1,2-Dichlorobenzene	0.89	U	0.89	4	5.1	ug/L
541-73-1	1,3-Dichlorobenzene	0.81	U	0.81	4	5.1	ug/L
106-46-7	1,4-Dichlorobenzene	0.85	U	0.85	4	5.1	ug/L
100-51-6	Benzyl Alcohol	1.6	U	1.6	8.1	10.1	ug/L
95-48-7	2-Methylphenol	1.1	U	1.1	4	5.1	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.4	U	1.4	4	5.1	ug/L
98-86-2	Acetophenone	1.1	U	1.1	4	5.1	ug/L
65794-96-9	3+4-Methylphenols	1.2	U	1.2	8.1	10.1	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	5.1	ug/L
98-95-3	Nitrobenzene	1.3	U	1.3	4	5.1	ug/L
78-59-1	Isophorone	1.2	U	1.2	4	5.1	ug/L
88-75-5	2-Nitrophenol	2	U	2	4	5.1	ug/L
105-67-9	2,4-Dimethylphenol	1.5	U	1.5	4	5.1	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1	U	1	4	5.1	ug/L
120-83-2	2,4-Dichlorophenol	0.89	U	0.89	4	5.1	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.1	U	1.1	4	5.1	ug/L
65-85-0	Benzoic acid	5.5	U	5.5	8.1	10.1	ug/L
91-20-3	Naphthalene	1	U	1	4	5.1	ug/L
106-47-8	4-Chloroaniline	1.3	U	1.3	4	5.1	ug/L
87-68-3	Hexachlorobutadiene	1.3	U	1.3	4	5.1	ug/L

Report of Analysis

Client:		Date Collected:	8/14/2024 12:00:00 AM
Project:		Date Received:	8/14/2024 12:00:00 AM
Client Sample ID:	VCPS-B2-081424-6W	SDG No.:	BP082124
Lab Sample ID:	P3617-03	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	990	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
BP021603.D	1	8/16/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162788

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	6.4	J	1.7	8.1	10.1	ug/L
59-50-7	4-Chloro-3-methylphenol	0.85	U	0.85	4	5.1	ug/L
91-57-6	2-Methylnaphthalene	1.1	U	1.1	4	5.1	ug/L
77-47-4	Hexachlorocyclopentadiene	5.1	U	5.1	8.1	10.1	ug/L
88-06-2	2,4,6-Trichlorophenol	0.9	U	0.9	4	5.1	ug/L
95-95-4	2,4,5-Trichlorophenol	1	U	1	4	5.1	ug/L
92-52-4	1,1-Biphenyl	0.92	U	0.92	4	5.1	ug/L
91-58-7	2-Chloronaphthalene	0.98	U	0.98	4	5.1	ug/L
88-74-4	2-Nitroaniline	1.4	U	1.4	4	5.1	ug/L
131-11-3	Dimethylphthalate	0.94	U	0.94	4	5.1	ug/L
208-96-8	Acenaphthylene	1.1	U	1.1	4	5.1	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	1.3	4	5.1	ug/L
99-09-2	3-Nitroaniline	1.4	U	1.4	4	5.1	ug/L
83-32-9	Acenaphthene	0.82	U	0.82	4	5.1	ug/L
Total PAH	Total PAH	17.61	U	17.61	4	81.6	ug/L
51-28-5	2,4-Dinitrophenol	6.5	U	6.5	8.1	10.1	ug/L
100-02-7	4-Nitrophenol	2	U	2	8.1	10.1	ug/L
132-64-9	Dibenzofuran	0.94	U	0.94	4	5.1	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2.8	U	2.8	4	10.2	ug/L
121-14-2	2,4-Dinitrotoluene	1.5	U	1.5	4	5.1	ug/L
84-66-2	Diethylphthalate	1.1	U	1.1	4	5.1	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.99	U	0.99	4	5.1	ug/L
86-73-7	Fluorene	0.97	U	0.97	4	5.1	ug/L
100-01-6	4-Nitroaniline	2.1	U	2.1	4	5.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	3.1	U	3.1	8.1	10.1	ug/L
86-30-6	n-Nitrosodiphenylamine	0.9	U	0.9	4	5.1	ug/L
103-33-3	Azobenzene	1.2	U	1.2	4	5.1	ug/L
101-55-3	4-Bromophenyl-phenylether	0.96	U	0.96	4	5.1	ug/L
118-74-1	Hexachlorobenzene	1.2	U	1.2	4	5.1	ug/L
1912-24-9	Atrazine	1.3	U	1.3	4	5.1	ug/L

Report of Analysis

Client:		Date Collected:	8/14/2024 12:00:00 AM
Project:		Date Received:	8/14/2024 12:00:00 AM
Client Sample ID:	VCPS-B2-081424-6W	SDG No.:	BP082124
Lab Sample ID:	P3617-03	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	990	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
BP021603.D	1	8/16/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162788

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1.9	U	1.9	8.1	10.1	ug/L
85-01-8	Phenanthrene	0.9	U	0.9	4	5.1	ug/L
120-12-7	Anthracene	1.1	U	1.1	4	5.1	ug/L
86-74-8	Carbazole	1.2	U	1.2	4	5.1	ug/L
84-74-2	Di-n-butylphthalate	1.5	U	1.5	4	5.1	ug/L
206-44-0	Fluoranthene	1.3	U	1.3	4	5.1	ug/L
92-87-5	Benzidine	4.1	U	4.1	8.1	10.1	ug/L
129-00-0	Pyrene	1.1	U	1.1	4	5.1	ug/L
85-68-7	Butylbenzylphthalate	2.1	U	2.1	4	5.1	ug/L
91-94-1	3,3-Dichlorobenzidine	1.3	U	1.3	8.1	10.1	ug/L
56-55-3	Benzo(a)anthracene	0.95	U	0.95	4	5.1	ug/L
218-01-9	Chrysene	0.87	U	0.87	4	5.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.9	U	1.9	4	5.1	ug/L
117-84-0	Di-n-octyl phthalate	2.5	U	2.5	8.1	10.1	ug/L
205-99-2	Benzo(b)fluoranthene	1.2	U	1.2	4	5.1	ug/L
207-08-9	Benzo(k)fluoranthene	1.2	U	1.2	4	5.1	ug/L
50-32-8	Benzo(a)pyrene	1.7	U	1.7	4	5.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1	U	1	4	5.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	4	5.1	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	4	5.1	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.1	U	1.1	4	5.1	ug/L
123-91-1	1,4-Dioxane	1.3	U	1.3	4	5.1	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.8	U	0.8	4	5.1	ug/L
90-12-0	1-Methylnaphthalene	0.87	U	0.87	4	5.1	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	55.794		10-139		37	SPK: -150
13127-88-3	Phenol-d6	33.452		10-134		22	SPK: -150
4165-60-0	Nitrobenzene-d5	90.603		49-133		91	SPK: -100
321-60-8	2-Fluorobiphenyl	74.03		52-132		74	SPK: -100

Report of Analysis

Client:		Date Collected:	8/14/2024 12:00:00 AM
Project:		Date Received:	8/14/2024 12:00:00 AM
Client Sample ID:	VCPS-B2-081424-6W	SDG No.:	BP082124
Lab Sample ID:	P3617-03	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	990 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
BP021603.D	1	8/16/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162788

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	162.896		44-137		109	SPK: -150
1718-51-0	Terphenyl-d14	90.028		48-125		90	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	261742	7.799				
1146-65-2	Naphthalene-d8	1033083	10.593				
15067-26-2	Acenaphthene-d10	684745	14.451				
1517-22-2	Phenanthrene-d10	1518800	17.251				
1719-03-5	Chrysene-d12	1538942	21.727				
1520-96-3	Perylene-d12	1796450	25.162				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	170	J			3.028	
000770-35-4	1-Phenoxypropan-2-ol	2.8	J			11.328	
000057-10-3	n-Hexadecanoic acid	2.1	J			18.204	
000077-94-1	Butyl citrate	10.6	J			19.686	
077899-03-7	1-Heneicosyl formate	3.2	J			21.404	

Report of Analysis

Client:		Date Collected:	8/14/2024 12:00:00 AM
Project:		Date Received:	8/14/2024 12:00:00 AM
Client Sample ID:	VCPS-B2-081424-6W-DUP	SDG No.:	BP082124
Lab Sample ID:	P3617-04	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
BP021604.D	1	8/16/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162788

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:	8/14/2024 12:00:00 AM
Project:		Date Received:	8/14/2024 12:00:00 AM
Client Sample ID:	VCPS-B2-081424-6W-DUP	SDG No.:	BP082124
Lab Sample ID:	P3617-04	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
BP021604.D	1	8/16/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162788

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	5.9	J	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:	8/14/2024 12:00:00 AM
Project:		Date Received:	8/14/2024 12:00:00 AM
Client Sample ID:	VCPS-B2-081424-6W-DUP	SDG No.:	BP082124
Lab Sample ID:	P3617-04	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
BP021604.D	1	8/16/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162788

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	66.582		10-139		44	SPK: -150
13127-88-3	Phenol-d6	38.4		10-134		26	SPK: -150
4165-60-0	Nitrobenzene-d5	101.123		49-133		101	SPK: -100
321-60-8	2-Fluorobiphenyl	85.009		52-132		85	SPK: -100

Report of Analysis

Client:		Date Collected:	8/14/2024 12:00:00 AM
Project:		Date Received:	8/14/2024 12:00:00 AM
Client Sample ID:	VCPS-B2-081424-6W-DUP	SDG No.:	BP082124
Lab Sample ID:	P3617-04	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
BP021604.D	1	8/16/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162788

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	186.927		44-137		125	SPK: -150
1718-51-0	Terphenyl-d14	93.861		48-125		94	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	178213	7.799				
1146-65-2	Naphthalene-d8	700330	10.587				
15067-26-2	Acenaphthene-d10	448278	14.445				
1517-22-2	Phenanthrene-d10	1032322	17.257				
1719-03-5	Chrysene-d12	1158391	21.716				
1520-96-3	Perylene-d12	1398973	25.151				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	210	J			3.028	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	2.9	A			4.94	
000770-35-4	1-Phenoxypropan-2-ol	2.6	J			11.334	
000057-10-3	n-Hexadecanoic acid	2	J			18.198	
000077-94-1	Butyl citrate	6.7	J			19.674	

Hit Summary Sheet SW-846

SDG No.: BP082124

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Client ID : Field Blank								
P3617-02	Field Blank	Water	Butane, 2-methoxy-2-methyl-	*	190.000	J		
			Total Tics :				190.00	
			Total Concentration:				190.00	
Client ID : VCPS-B2-081424-6W								
P3617-03	VCPS-B2-081424-6W	Water	1-Heneicosyl formate	*	3.200	J		
P3617-03	VCPS-B2-081424-6W	Water	1-Phenoxypropan-2-ol	*	2.800	J		
P3617-03	VCPS-B2-081424-6W	Water	Butane, 2-methoxy-2-methyl-	*	170.000	J		
P3617-03	VCPS-B2-081424-6W	Water	Butyl citrate	*	10.600	J		
P3617-03	VCPS-B2-081424-6W	Water	n-Hexadecanoic acid	*	2.100	J		
			Total Tics :				188.70	
P3617-03	VCPS-B2-081424-6W	Water	Caprolactam		6.400	J 1.7	10.1	ug/L
			Total Svoc :				6.40	
			Total Concentration:				195.10	
Client ID : VCPS-B2-081424-6W-DUP								
P3617-04	VCPS-B2-081424-6W-DI Water		1-Phenoxypropan-2-ol	*	2.600	J		
P3617-04	VCPS-B2-081424-6W-DI Water		2-Pentanone, 4-hydroxy-4-methyl	*	2.900	A		
P3617-04	VCPS-B2-081424-6W-DI Water		Butane, 2-methoxy-2-methyl-	*	210.000	J		
P3617-04	VCPS-B2-081424-6W-DI Water		Butyl citrate	*	6.700	J		
P3617-04	VCPS-B2-081424-6W-DI Water		n-Hexadecanoic acid	*	2.000	J		
			Total Tics :				224.20	
P3617-04	VCPS-B2-081424-6W-DI Water		Caprolactam		5.900	J 1.7	10	ug/L
			Total Svoc :				5.90	
			Total Concentration:				230.10	
Client ID : SP-303-70740816								
P3666-03	SP-303-70740816	Water	Butane, 2-methoxy-2-methyl-	*	250.000	J		
			Total Tics :				250.00	
			Total Concentration:				250.00	



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BP081324 SAS No.: BP081324 SDG No.: BP081324
Instrument ID: _____ Calibration Date(s): 8/13/2024 : _____
Calibration Time(s): 12:32 _____

LAB FILE ID:		RRF2.5 = BP021481.D			RRF005 = BP021482.D		RRF010 = BP021483.D	
		RRF020 = BP021484.D			RRF040 = BP021485.D		RRF050 = BP021486.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
n-Nitrosodimethylamine		0.545	0.525	0.568	0.532	0.516	0.536	3.4
Pyridine		1.744	1.720	1.915	1.802	1.741	1.783	4.0
2-Fluorophenol		1.332	1.286	1.405	1.348	1.324	1.347	3.2
Benzaldehyde		1.364	1.447	1.409	1.198	1.073	1.258	13.7
Aniline		1.964	2.035	2.053	1.978	1.925	1.964	3.6
Phenol-d6		1.897	1.960	2.062	1.978	1.953	1.965	2.9
Phenol		1.968	2.023	2.138	2.045	2.020	2.035	2.9
bis(2-Chloroethyl)ether		1.757	1.800	1.787	1.702	1.680	1.722	3.5
2-Chlorophenol		1.199	1.221	1.291	1.250	1.236	1.245	2.7
1,2-Dichlorobenzene		1.523	1.475	1.513	1.410	1.377	1.439	4.6
1,3-Dichlorobenzene		1.579	1.479	1.546	1.452	1.422	1.479	4.3
1,4-Dichlorobenzene		1.571	1.514	1.553	1.475	1.435	1.493	3.9
Benzyl Alcohol		1.306	1.454	1.474	1.415	1.417	1.410	4.1
2-Methylphenol		1.257	1.313	1.350	1.290	1.277	1.286	3.0
2,2-oxybis(1-Chloropropane)		1.639	1.716	1.642	1.546	1.549	1.585	5.2
Acetophenone		0.636	0.621	0.643	0.612	0.591	0.614	3.3
3+4-Methylphenols		1.595	1.820	1.795	1.758	1.734	1.734	4.5
n-Nitroso-di-n-propylamine	1.329	1.436	1.555	1.433	1.340	1.308	1.357	8.4
Nitrobenzene-d5		0.300	0.339	0.386	0.410	0.412	0.387	13.1
Hexachloroethane		0.599	0.590	0.617	0.594	0.587	0.599	2.0
Nitrobenzene		0.338	0.385	0.430	0.443	0.435	0.421	10.4
Isophorone		0.947	0.970	0.951	0.913	0.877	0.915	4.5
2-Nitrophenol		0.054	0.063	0.076	0.094	0.107	0.086	30.3
2,4-Dimethylphenol		0.218	0.225	0.232	0.225	0.221	0.226	2.3
bis(2-Chloroethoxy)methane		0.577	0.574	0.572	0.549	0.542	0.559	2.7
2,4-Dichlorophenol		0.226	0.249	0.270	0.273	0.275	0.267	8.4
1,2,4-Trichlorobenzene		0.355	0.332	0.347	0.340	0.331	0.342	2.6
Benzoic acid			0.082	0.104	0.129	0.151	0.137	29.1
Naphthalene		1.084	1.041	1.074	1.041	1.002	1.045	2.6
4-Chloroaniline		0.394	0.403	0.406	0.395	0.379	0.392	2.6
Hexachlorobutadiene		0.217	0.213	0.218	0.215	0.210	0.215	1.5
Caprolactam		0.099	0.115	0.118	0.114	0.109	0.111	5.4
4-Chloro-3-methylphenol		0.332	0.375	0.382	0.383	0.370	0.370	4.7
2-Methylnaphthalene		0.747	0.742	0.730	0.705	0.683	0.713	3.8
Hexachlorocyclopentadiene		0.159	0.153	0.174	0.192	0.195	0.186	13.2
2,4,6-Trichlorophenol		0.261	0.284	0.318	0.343	0.339	0.326	12.5

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.: BP081324 SAS No.: BP081324 SDG No.: BP081324
Instrument ID: _____ Calibration Date(s): 8/13/2024 : _____
Calibration Time(s): 12:32 _____

LAB FILE ID:		RRF2.5 = BP021481.D			RRF005 = BP021482.D		RRF010 = BP021483.D	
		RRF020 = BP021484.D			RRF040 = BP021485.D		RRF050 = BP021486.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorobiphenyl		1.371	1.314	1.335	1.327	1.264	1.310	3.1
2,4,5-Trichlorophenol		0.284	0.316	0.360	0.382	0.378	0.362	12.7
1,1-Biphenyl		1.462	1.400	1.434	1.428	1.362	1.415	2.4
2-Chloronaphthalene		1.121	1.075	1.117	1.116	1.065	1.102	2.3
2-Nitroaniline		0.146	0.181	0.231	0.285	0.294	0.256	28.1
Dimethylphthalate		1.387	1.365	1.369	1.352	1.276	1.339	3.2
Acenaphthylene		1.660	1.610	1.657	1.645	1.561	1.619	2.5
2,6-Dinitrotoluene		0.129	0.187	0.227	0.255	0.261	0.232	24.3
3-Nitroaniline		0.127	0.185	0.221	0.254	0.254	0.228	24.3
Acenaphthene		1.094	1.058	1.074	1.073	1.023	1.063	2.2
2,4-Dinitrophenol			0.045	0.052	0.066	0.073	0.069	27.0
4-Nitrophenol			0.141	0.177	0.202	0.201	0.195	16.3
Dibenzofuran		1.735	1.637	1.677	1.649	1.563	1.635	3.7
2,4-Dinitrotoluene		0.140	0.214	0.262	0.320	0.328	0.284	29.5
Diethylphthalate		1.405	1.395	1.427	1.397	1.318	1.374	3.3
4-Chlorophenyl-phenylether		0.741	0.724	0.718	0.695	0.656	0.694	5.2
Fluorene		1.431	1.400	1.408	1.354	1.260	1.343	5.7
4-Nitroaniline		0.148	0.198	0.242	0.273	0.262	0.241	21.1
4,6-Dinitro-2-methylphenol			0.031	0.039	0.052	0.060	0.054	30.9
n-Nitrosodiphenylamine		0.534	0.541	0.549	0.538	0.523	0.536	1.5
Azobenzene		1.797	1.779	1.778	1.714	1.555	1.689	6.2
2,4,6-Tribromophenol		0.179	0.204	0.222	0.236	0.231	0.223	10.5
4-Bromophenyl-phenylether		0.211	0.210	0.212	0.207	0.210	0.212	1.4
Hexachlorobenzene		0.255	0.249	0.250	0.252	0.245	0.250	1.3
Atrazine		0.181	0.186	0.196	0.191	0.179	0.184	4.0
Pentachlorophenol			0.108	0.125	0.137	0.143	0.137	13.1
Phenanthrene		0.990	0.963	0.998	0.965	0.932	0.962	2.7
Anthracene		0.954	0.955	0.970	0.950	0.915	0.943	2.2
Carbazole		0.908	0.906	0.941	0.930	0.873	0.909	2.5
Di-n-butylphthalate		1.049	1.065	1.149	1.149	1.133	1.116	3.7
Fluoranthene		1.215	1.153	1.233	1.200	1.137	1.180	3.2
Benzidine			0.297	0.451	0.477	0.476	0.420	16.1
Pyrene		1.283	1.470	1.295	1.290	1.262	1.307	5.6
Terphenyl-d14		1.069	1.196	1.034	1.006	0.973	1.029	8.2
Butylbenzylphthalate		0.298	0.365	0.411	0.470	0.489	0.437	18.8
3,3-Dichlorobenzidine		0.349	0.358	0.413	0.428	0.419	0.403	8.5

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.: BP081324 SAS No.: BP081324 SDG No.: BP081324
Instrument ID: _____ Calibration Date(s): 8/13/2024 : _____
Calibration Time(s): 12:32 _____

LAB FILE ID:		RRF2.5 = BP021481.D			RRF005 = BP021482.D		RRF010 = BP021483.D	
		RRF020 = BP021484.D			RRF040 = BP021485.D		RRF050 = BP021486.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Benzo(a)anthracene		1.271	1.247	1.291	1.268	1.224	1.256	1.8
Chrysene		1.213	1.180	1.205	1.197	1.151	1.185	1.8
Bis(2-ethylhexyl)phthalate		0.607	0.635	0.741	0.781	0.804	0.742	11.7
Di-n-octyl phthalate			0.839	1.115	1.247	1.285	1.199	16.5
Benzo(b)fluoranthene		1.106	1.152	1.158	1.155	1.119	1.149	2.4
Benzo(k)fluoranthene		1.115	1.101	1.124	1.141	1.103	1.121	1.7
Benzo(a)pyrene		0.953	0.953	1.003	1.012	0.996	0.997	3.3
Indeno(1,2,3-cd)pyrene		1.244	1.156	1.317	1.327	1.297	1.296	5.8
Dibenzo(a,h)anthracene		1.034	0.965	1.106	1.102	1.080	1.077	5.5
Benzo(g,h,i)perylene		1.052	0.955	1.096	1.102	1.074	1.080	5.9
1,2,4,5-Tetrachlorobenzene		0.574	0.543	0.592	0.595	0.578	0.586	4.0
1,4-Dioxane		0.685	0.614	0.681	0.642	0.599	0.639	5.4
2,3,4,6-Tetrachlorophenol		0.250	0.278	0.302	0.328	0.317	0.307	10.7
1-Methylnaphthalene		0.742	0.735	0.725	0.697	0.673	0.703	4.4

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.: BP082124 SAS No.: BP082124 SDG NO.: BP082124

EPA Sample No.: SSTDICCC040 Date Analyzed: Aug 21 2024 12:00AM

Lab File ID: BP021485.D Time Analyzed: 10:52

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	334672	7.811	1.37913e+01	10.60	890240	14.46
UPPER LIMIT	669344	8.311	2758260	11.099	1780480	14.957
LOWER LIMIT	167336	7.311	689565	10.099	445120	13.957
EPA SAMPLE NO.						
01 PB162788BL	378034	7.81	1.46291e	10.59	910755	14.45
02 PB162788BS	422633	7.81	1.64951e	10.59	1.04304e	14.46
03 PB162788BSD	384224	7.79	1.53174e	10.58	1.00686e	14.45
04 PB162717BS	382215	7.81	1.57505e	10.59	1.04013e	14.45
05 PB162631BS	396536	7.80	1.62396e	10.59	1.08969e	14.45
06 PB162878BL	283679	7.81	1.11493e	10.59	720129	14.45
07 PB162878BS	412244	7.81	1.69391e	10.59	1.10983e	14.45
08 PB162878BSD	381039	7.80	1.51081e	10.59	976830	14.45
09 SP-303-70740816	233094	7.80	897287	10.59	577607	14.46
10 Field Blank	252809	7.80	1.00269e	10.59	670558	14.45
11 VCPS-B2-081424-6W	261742	7.80	1.03308e	10.59	684745	14.45
12 VCPS-B2-081424-6W-DUP	178213	7.80	700330	10.59	448278	14.45

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.: BP082124 SAS No.: BP082124 SDG NO.: BP082124

EPA Sample No.: SSTDCCC040 Date Analyzed: Aug 21 2024 12:00AM

Lab File ID: BP021592.D Time Analyzed: 10:52

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	299938	7.804	1.24455e+01	10.59	863135	14.45
UPPER LIMIT	599876	8.304	2489100	11.093	1726270	14.951
LOWER LIMIT	149969	7.304	622275	10.093	431567.5	13.951
EPA SAMPLE NO.						
01 PB162788BL	378034	7.81	1.46291e	10.59	910755	14.45
02 PB162788BS	422633	7.81	1.64951e	10.59	1.04304e	14.46
03 PB162788BSD	384224	7.79	1.53174e	10.58	1.00686e	14.45
04 PB162717BS	382215	7.81	1.57505e	10.59	1.04013e	14.45
05 PB162631BS	396536	7.80	1.62396e	10.59	1.08969e	14.45
06 PB162878BL	283679	7.81	1.11493e	10.59	720129	14.45
07 PB162878BS	412244	7.81	1.69391e	10.59	1.10983e	14.45
08 PB162878BSD	381039	7.80	1.51081e	10.59	976830	14.45
09 SP-303-70740816	233094	7.80	897287	10.59	577607	14.46
10 Field Blank	252809	7.80	1.00269e	10.59	670558	14.45
11 VCPS-B2-081424-6W	261742	7.80	1.03308e	10.59	684745	14.45
12 VCPS-B2-081424-6W-DUP	178213	7.80	700330	10.59	448278	14.45

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.: BP082124 SAS No.: BP082124 SDG NO.: BP082124

EPA Sample No.: SSTDICCC040 Date Analyzed: Aug 21 2024 12:00AM

Lab File ID: BP021485.D Time Analyzed: 10:52

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	1.90528e+01	17.251	1.82007e+01	21.698	2.08533e+01	25.104
UPPER LIMIT	3810560	17.751	3640140	22.198	4170660	25.604
LOWER LIMIT	952640	16.751	910035	21.198	1042665	24.604
EPA SAMPLE NO.						
01 PB162788BL	2.05596	17.26	2.12857e+01	21.72	2.47621e+01	25.17
02 PB162788BS	2.21867	17.26	2.11651e+01	21.73	2.39743e+01	25.17
03 PB162788BSD	2.21786	17.28	2.16319e+01	21.75	2.47313e+01	25.19
04 PB162717BS	2.2874e	17.26	2.16569e+01	21.73	2.44299e+01	25.18
05 PB162631BS	2.44432	17.27	2.27953e+01	21.73	2.47584e+01	25.17
06 PB162878BL	1.69245	17.26	1.95599e+01	21.72	2.33039e+01	25.15
07 PB162878BS	2.48223	17.26	2.37469e+01	21.73	2.54555e+01	25.16
08 PB162878BSD	2.17704	17.26	2.36681e+01	21.72	2.63284e+01	25.17
09 SP-303-70740816	1.34882	17.26	1.50397e+01	21.73	1.7773e+01	25.17
10 Field Blank	1.64727	17.26	1.73502e+01	21.73	1.89148e+01	25.18
11 VCPS-B2-081424-6W	1.5188e	17.25	1.53894e+01	21.73	1.79645e+01	25.16
12 VCPS-B2-081424-6W-DUP	1.03232	17.26	1.15839e+01	21.72	1.39897e+01	25.15

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.: BP082124 SAS No.: BP082124 SDG NO.: BP082124

EPA Sample No.: SSTDCCC040 Date Analyzed: Aug 21 2024 12:00AM

Lab File ID: BP021592.D Time Analyzed: 10:52

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	1.99855e+0	17.263	2.1275e+0	21.733	2.52893e+0	25.174
UPPER LIMIT	3997100	17.763	4255000	22.233	5057860	25.674
LOWER LIMIT	999275	16.763	1063750	21.233	1264465	24.674
EPA SAMPLE NO.						
01 PB162788BL	2.05596	17.26	2.12857e+	21.72	2.47621e+	25.17
02 PB162788BS	2.21867	17.26	2.11651e+	21.73	2.39743e+	25.17
03 PB162788BSD	2.21786	17.28	2.16319e+	21.75	2.47313e+	25.19
04 PB162717BS	2.2874e	17.26	2.16569e+	21.73	2.44299e+	25.18
05 PB162631BS	2.44432	17.27	2.27953e+	21.73	2.47584e+	25.17
06 PB162878BL	1.69245	17.26	1.95599e+	21.72	2.33039e+	25.15
07 PB162878BS	2.48223	17.26	2.37469e+	21.73	2.54555e+	25.16
08 PB162878BSD	2.17704	17.26	2.36681e+	21.72	2.63284e+	25.17
09 SP-303-70740816	1.34882	17.26	1.50397e+	21.73	1.7773e+0	25.17
10 Field Blank	1.64727	17.26	1.73502e+	21.73	1.89148e+	25.18
11 VCPS-B2-081424-6W	1.5188e	17.25	1.53894e+	21.73	1.79645e+	25.16
12 VCPS-B2-081424-6W-DUP	1.03232	17.26	1.15839e+	21.72	1.39897e+	25.15

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.: BP082124

Client: _____

Analytical Method: **8270E**

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB162631BS	n-Nitrosodimethylamine	1700	1400	ug/Kg	82				57	103	
	Pyridine	1700	930	ug/Kg	55				28	98	
	Benzaldehyde	1700	610	ug/Kg	36				10	133	
	Aniline	1700	840	ug/Kg	49				38	100	
	Phenol	1700	1500	ug/Kg	88				62	112	
	bis(2-Chloroethyl)ether	1700	1300	ug/Kg	76				60	101	
	2-Chlorophenol	1700	1700	ug/Kg	100				65	112	
	1,2-Dichlorobenzene	1700	1400	ug/Kg	82				51	102	
	1,3-Dichlorobenzene	1700	1400	ug/Kg	82				52	99	
	1,4-Dichlorobenzene	1700	1400	ug/Kg	82				52	100	
	Benzyl Alcohol	1700	1500	ug/Kg	88				42	116	
	2-Methylphenol	1700	1600	ug/Kg	94				61	108	
	2,2-oxybis(1-Chloropropane)	1700	1300	ug/Kg	76				51	100	
	Acetophenone	1700	1300	ug/Kg	76				66	98	
	3+4-Methylphenols	1700	1600	ug/Kg	94				58	111	
	N-Nitroso-di-n-propylamine	1700	1200	ug/Kg	71				63	95	
	Hexachloroethane	1700	1400	ug/Kg	82				72	108	
	Nitrobenzene	1700	1400	ug/Kg	82				57	101	
	Isophorone	1700	1300	ug/Kg	76				59	99	
	2-Nitrophenol	1700	2000	ug/Kg	118		*		61	111	
	2,4-Dimethylphenol	1700	1700	ug/Kg	100				46	141	
	bis(2-Chloroethoxy)methane	1700	1300	ug/Kg	76				66	97	
	2,4-Dichlorophenol	1700	1800	ug/Kg	106				62	107	
	1,2,4-Trichlorobenzene	1700	1400	ug/Kg	82				44	110	
	Benzoic acid	1700	2200	ug/Kg	129				10	140	
	Naphthalene	1700	1400	ug/Kg	82				62	100	
	4-Chloroaniline	1700	910	ug/Kg	54				16	100	
	Hexachlorobutadiene	1700	1300	ug/Kg	76				53	98	
	Caprolactam	1700	1600	ug/Kg	94				67	110	
	4-Chloro-3-methylphenol	1700	1700	ug/Kg	100				58	112	
	2-Methylnaphthalene	1700	1400	ug/Kg	82				60	104	
	Hexachlorocyclopentadiene	3300	3500	ug/Kg	106				45	165	
	2,4,6-Trichlorophenol	1700	1800	ug/Kg	106		*		59	102	
	2,4,5-Trichlorophenol	1700	1800	ug/Kg	106		*		61	98	
	1,1-Biphenyl	1700	1300	ug/Kg	76				57	103	
	2-Chloronaphthalene	1700	1400	ug/Kg	82				58	99	
	2-Nitroaniline	1700	1800	ug/Kg	106		*		66	101	
	Dimethylphthalate	1700	1500	ug/Kg	88				61	99	
	Acenaphthylene	1700	1600	ug/Kg	94				63	101	
	2,6-Dinitrotoluene	1700	1700	ug/Kg	100				61	104	
	3-Nitroaniline	1700	1500	ug/Kg	88				28	100	
	Acenaphthene	1700	1700	ug/Kg	100				57	104	
	Total PAH	27200	25000	ug/Kg	92				57	104	
	2,4-Dinitrophenol	3300	4100	ug/Kg	124				37	128	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BP082124**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB162631BS	4-Nitrophenol	3300	3900	ug/Kg	118				48	119	
	Dibenzofuran	1700	1500	ug/Kg	88				63	99	
	2,4-Dinitrotoluene/2,6-Dinitrotrc	3400	3600	ug/Kg	106				60	106	
	2,4-Dinitrotoluene	1700	1900	ug/Kg	112		*		60	106	
	Diethylphthalate	1700	1500	ug/Kg	88				60	101	
	4-Chlorophenyl-phenylether	1700	1400	ug/Kg	82				58	98	
	Fluorene	1700	1400	ug/Kg	82				61	101	
	4-Nitroaniline	1700	1800	ug/Kg	106		*		64	103	
	4,6-Dinitro-2-methylphenol	1700	2300	ug/Kg	135		*		76	113	
	N-Nitrosodiphenylamine	1700	1400	ug/Kg	82				71	99	
	Azobenzene	1700	1300	ug/Kg	76				54	103	
	4-Bromophenyl-phenylether	1700	1400	ug/Kg	82				66	102	
	Hexachlorobenzene	1700	1400	ug/Kg	82				64	98	
	Atrazine	1700	1400	ug/Kg	82				47	152	
	Pentachlorophenol	3300	3400	ug/Kg	103				67	105	
	Phenanthrene	1700	1500	ug/Kg	88				59	103	
	Anthracene	1700	1500	ug/Kg	88				61	105	
	Carbazole	1700	1600	ug/Kg	94				61	99	
	Di-n-butylphthalate	1700	1500	ug/Kg	88				58	104	
	Fluoranthene	1700	1500	ug/Kg	88				57	107	
	Benzidine	3300	710	ug/Kg	22				10	98	
	Pyrene	1700	1500	ug/Kg	88				59	103	
	Butylbenzylphthalate	1700	1700	ug/Kg	100				55	103	
	3,3-Dichlorobenzidine	1700	1400	ug/Kg	82				42	91	
	Benzo(a)anthracene	1700	1500	ug/Kg	88				60	102	
	Chrysene	1700	1500	ug/Kg	88				59	101	
	bis(2-Ethylhexyl)phthalate	1700	1700	ug/Kg	100				54	135	
	Di-n-octyl phthalate	1700	1600	ug/Kg	94				52	137	
	Benzo(b)fluoranthene	1700	1600	ug/Kg	94				62	109	
	Benzo(k)fluoranthene	1700	1600	ug/Kg	94				62	109	
	Benzo(a)pyrene	1700	1700	ug/Kg	100				63	103	
	Indeno(1,2,3-cd)pyrene	1700	1700	ug/Kg	100				63	101	
	Dibenz(a,h)anthracene	1700	1700	ug/Kg	100				61	112	
	Benzo(g,h,i)perylene	1700	1600	ug/Kg	94				70	108	
	1,2,4,5-Tetrachlorobenzene	1700	1300	ug/Kg	76				53	101	
	1,4-Dioxane	1700	960	ug/Kg	56				50	96	
	2,3,4,6-Tetrachlorophenol	1700	1900	ug/Kg	112		*		59	108	
	1-Methylnaphthalene	1700	1300	ug/Kg	76				70	130	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP082124

Client: _____

Analytical Method: **8270E**

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB162717BS	n-Nitrosodimethylamine	1700	1400	ug/Kg	82				57	103	
	Pyridine	1700	910	ug/Kg	54				28	98	
	Benzaldehyde	1700	610	ug/Kg	36				10	133	
	Aniline	1700	900	ug/Kg	53				38	100	
	Phenol	1700	1500	ug/Kg	88				62	112	
	bis(2-Chloroethyl)ether	1700	1300	ug/Kg	76				60	101	
	2-Chlorophenol	1700	1700	ug/Kg	100				65	112	
	1,2-Dichlorobenzene	1700	1400	ug/Kg	82				51	102	
	1,3-Dichlorobenzene	1700	1400	ug/Kg	82				52	99	
	1,4-Dichlorobenzene	1700	1400	ug/Kg	82				52	100	
	Benzyl Alcohol	1700	1500	ug/Kg	88				42	116	
	2-Methylphenol	1700	1500	ug/Kg	88				61	108	
	2,2-oxybis(1-Chloropropane)	1700	1400	ug/Kg	82				51	100	
	Acetophenone	1700	1300	ug/Kg	76				66	98	
	3+4-Methylphenols	1700	1600	ug/Kg	94				58	111	
	N-Nitroso-di-n-propylamine	1700	1200	ug/Kg	71				63	95	
	Hexachloroethane	1700	1400	ug/Kg	82				72	108	
	Nitrobenzene	1700	1400	ug/Kg	82				57	101	
	Isophorone	1700	1300	ug/Kg	76				59	99	
	2-Nitrophenol	1700	2000	ug/Kg	118		*		61	111	
	2,4-Dimethylphenol	1700	1700	ug/Kg	100				46	141	
	bis(2-Chloroethoxy)methane	1700	1300	ug/Kg	76				66	97	
	2,4-Dichlorophenol	1700	1800	ug/Kg	106				62	107	
	1,2,4-Trichlorobenzene	1700	1400	ug/Kg	82				44	110	
	Benzoic acid	1700	2200	ug/Kg	129				10	140	
	Naphthalene	1700	1400	ug/Kg	82				62	100	
	4-Chloroaniline	1700	840	ug/Kg	49				16	100	
	Hexachlorobutadiene	1700	1300	ug/Kg	76				53	98	
	Caprolactam	1700	1600	ug/Kg	94				67	110	
	4-Chloro-3-methylphenol	1700	1700	ug/Kg	100				58	112	
	2-Methylnaphthalene	1700	1400	ug/Kg	82				60	104	
	Hexachlorocyclopentadiene	3300	3600	ug/Kg	109				45	165	
	2,4,6-Trichlorophenol	1700	1800	ug/Kg	106		*		59	102	
	2,4,5-Trichlorophenol	1700	1800	ug/Kg	106		*		61	98	
	1,1-Biphenyl	1700	1300	ug/Kg	76				57	103	
	2-Chloronaphthalene	1700	1400	ug/Kg	82				58	99	
	2-Nitroaniline	1700	1800	ug/Kg	106		*		66	101	
	Dimethylphthalate	1700	1500	ug/Kg	88				61	99	
	Acenaphthylene	1700	1600	ug/Kg	94				63	101	
	2,6-Dinitrotoluene	1700	1700	ug/Kg	100				61	104	
	3-Nitroaniline	1700	1500	ug/Kg	88				28	100	
	Acenaphthene	1700	1700	ug/Kg	100				57	104	
	Total PAH	27200	25300	ug/Kg	93				57	104	
	2,4-Dinitrophenol	3300	4100	ug/Kg	124				37	128	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BP082124**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB162717BS	4-Nitrophenol	3300	3700	ug/Kg	112				48	119	
	Dibenzofuran	1700	1500	ug/Kg	88				63	99	
	2,4-Dinitrotoluene/2,6-Dinitrotrc	3400	3600	ug/Kg	106				60	106	
	2,4-Dinitrotoluene	1700	1900	ug/Kg	112		*		60	106	
	Diethylphthalate	1700	1500	ug/Kg	88				60	101	
	4-Chlorophenyl-phenylether	1700	1400	ug/Kg	82				58	98	
	Fluorene	1700	1400	ug/Kg	82				61	101	
	4-Nitroaniline	1700	1700	ug/Kg	100				64	103	
	4,6-Dinitro-2-methylphenol	1700	2300	ug/Kg	135		*		76	113	
	N-Nitrosodiphenylamine	1700	1500	ug/Kg	88				71	99	
	Azobenzene	1700	1300	ug/Kg	76				54	103	
	4-Bromophenyl-phenylether	1700	1400	ug/Kg	82				66	102	
	Hexachlorobenzene	1700	1400	ug/Kg	82				64	98	
	Atrazine	1700	1400	ug/Kg	82				47	152	
	Pentachlorophenol	3300	3400	ug/Kg	103				67	105	
	Phenanthrene	1700	1500	ug/Kg	88				59	103	
	Anthracene	1700	1500	ug/Kg	88				61	105	
	Carbazole	1700	1500	ug/Kg	88				61	99	
	Di-n-butylphthalate	1700	1500	ug/Kg	88				58	104	
	Fluoranthene	1700	1500	ug/Kg	88				57	107	
	Benzidine	3300	780	ug/Kg	24				10	98	
	Pyrene	1700	1500	ug/Kg	88				59	103	
	Butylbenzylphthalate	1700	1700	ug/Kg	100				55	103	
	3,3-Dichlorobenzidine	1700	1500	ug/Kg	88				42	91	
	Benzo(a)anthracene	1700	1600	ug/Kg	94				60	102	
	Chrysene	1700	1500	ug/Kg	88				59	101	
	bis(2-Ethylhexyl)phthalate	1700	1700	ug/Kg	100				54	135	
	Di-n-octyl phthalate	1700	1700	ug/Kg	100				52	137	
	Benzo(b)fluoranthene	1700	1600	ug/Kg	94				62	109	
	Benzo(k)fluoranthene	1700	1600	ug/Kg	94				62	109	
	Benzo(a)pyrene	1700	1700	ug/Kg	100				63	103	
	Indeno(1,2,3-cd)pyrene	1700	1800	ug/Kg	106		*		63	101	
	Dibenz(a,h)anthracene	1700	1700	ug/Kg	100				61	112	
	Benzo(g,h,i)perylene	1700	1700	ug/Kg	100				70	108	
	1,2,4,5-Tetrachlorobenzene	1700	1300	ug/Kg	76				53	101	
	1,4-Dioxane	1700	910	ug/Kg	54				50	96	
	2,3,4,6-Tetrachlorophenol	1700	1900	ug/Kg	112		*		59	108	
	1-Methylnaphthalene	1700	1300	ug/Kg	76				70	130	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP082124

Client: _____

Analytical Method: 8270E

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB162788BS	n-Nitrosodimethylamine	50	41.7	ug/L	83				55	108	
	Pyridine	50	27.8	ug/L	56				29	97	
	Benzaldehyde	50	18.3	ug/L	37				10	162	
	Aniline	50	24.7	ug/L	49				10	130	
	Phenol	50	44.2	ug/L	88				66	118	
	bis(2-Chloroethyl)ether	50	39.2	ug/L	78				62	103	
	2-Chlorophenol	50	48.8	ug/L	98				70	117	
	1,2-Dichlorobenzene	50	41.9	ug/L	84				72	102	
	1,3-Dichlorobenzene	50	41.4	ug/L	83				71	103	
	1,4-Dichlorobenzene	50	42.2	ug/L	84				76	103	
	Benzyl Alcohol	50	43.6	ug/L	87				36	93	
	2-Methylphenol	50	44.3	ug/L	89				69	109	
	2,2-oxybis(1-Chloropropane)	50	39.7	ug/L	79				65	100	
	Acetophenone	50	38.4	ug/L	77				60	104	
	3+4-Methylphenols	50	45.3	ug/L	91				67	106	
	N-Nitroso-di-n-propylamine	50	34.6	ug/L	69				57	107	
	Hexachloroethane	50	42.6	ug/L	85				76	118	
	Nitrobenzene	50	43.9	ug/L	88				58	106	
	Isophorone	50	38.2	ug/L	76				61	102	
	2-Nitrophenol	50	62.7	ug/L	125		*		70	115	
	2,4-Dimethylphenol	50	50.3	ug/L	101				42	142	
	bis(2-Chloroethoxy)methane	50	40	ug/L	80				58	109	
	2,4-Dichlorophenol	50	52.1	ug/L	104				66	115	
	1,2,4-Trichlorobenzene	50	42.4	ug/L	85				41	115	
	Benzoic acid	50	65	ug/L	130		*		10	125	
	Naphthalene	50	42.9	ug/L	86				64	107	
	4-Chloroaniline	50	26.9	ug/L	54				10	85	
	Hexachlorobutadiene	50	40.2	ug/L	80				69	101	
	Caprolactam	50	46.1	ug/L	92				58	128	
	4-Chloro-3-methylphenol	50	48.8	ug/L	98				65	114	
	2-Methylnaphthalene	50	42.1	ug/L	84				64	107	
	Hexachlorocyclopentadiene	100	110	ug/L	110				36	160	
	2,4,6-Trichlorophenol	50	54.5	ug/L	109				61	110	
	2,4,5-Trichlorophenol	50	52.7	ug/L	105				70	106	
	1,1-Biphenyl	50	40.1	ug/L	80				72	98	
	2-Chloronaphthalene	50	43.3	ug/L	87				59	106	
	2-Nitroaniline	50	52.6	ug/L	105				73	114	
	Dimethylphthalate	50	45.5	ug/L	91				64	103	
	Acenaphthylene	50	47.7	ug/L	95				79	103	
	2,6-Dinitrotoluene	50	50.1	ug/L	100				64	110	
	3-Nitroaniline	50	43.3	ug/L	87				28	100	
	Acenaphthene	50	49.8	ug/L	100				59	113	
	Total PAH	800	757.1	ug/L	95				59	113	
	2,4-Dinitrophenol	100	120	ug/L	120				36	166	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BP082124**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB162788BS	4-Nitrophenol	100	110	ug/L	110				45	147	
	Dibenzofuran	50	43.9	ug/L	88				65	106	
	2,4-Dinitrotoluene	50	54.6	ug/L	109				60	115	
	2,4-Dinitrotoluene/2,6-Dinitrotrc	100	104.7	ug/L	105				60	115	
	Diethylphthalate	50	44.4	ug/L	89				63	105	
	4-Chlorophenyl-phenylether	50	40.7	ug/L	81				61	104	
	Fluorene	50	42	ug/L	84				64	107	
	4-Nitroaniline	50	50.5	ug/L	101				55	125	
	4,6-Dinitro-2-methylphenol	50	69.8	ug/L	140		*		62	132	
	N-Nitrosodiphenylamine	50	44.7	ug/L	89				61	109	
	Azobenzene	50	39.1	ug/L	78				59	106	
	4-Bromophenyl-phenylether	50	42.4	ug/L	85				73	103	
	Hexachlorobenzene	50	42	ug/L	84				73	106	
	Atrazine	50	40.2	ug/L	80				76	120	
	Pentachlorophenol	100	100	ug/L	100				47	114	
	Phenanthrene	50	45	ug/L	90				62	109	
	Anthracene	50	46.6	ug/L	93				65	110	
	Carbazole	50	46	ug/L	92				62	106	
	Di-n-butylphthalate	50	45.1	ug/L	90				64	106	
	Fluoranthene	50	44.7	ug/L	89				64	110	
	Benzidine	100	22.2	ug/L	22				10	94	
	Pyrene	50	44.9	ug/L	90				71	103	
	Butylbenzylphthalate	50	49.1	ug/L	98				61	105	
	3,3-Dichlorobenzidine	50	42	ug/L	84				43	108	
	Benzo(a)anthracene	50	46.2	ug/L	92				62	107	
	Chrysene	50	46.4	ug/L	93				61	108	
	bis(2-Ethylhexyl)phthalate	50	47.5	ug/L	95				59	110	
	Di-n-octyl phthalate	50	48.5	ug/L	97				52	139	
	Benzo(b)fluoranthene	50	48.6	ug/L	97				77	113	
	Benzo(k)fluoranthene	50	47.8	ug/L	96				77	105	
	Benzo(a)pyrene	50	51.8	ug/L	104				72	131	
	Indeno(1,2,3-cd)pyrene	50	52.1	ug/L	104				72	105	
	Dibenz(a,h)anthracene	50	51.1	ug/L	102				78	115	
	Benzo(g,h,i)perylene	50	49.5	ug/L	99				75	118	
	1,2,4,5-Tetrachlorobenzene	50	40	ug/L	80				72	101	
	1,4-Dioxane	50	28.8	ug/L	58				38	125	
	2,3,4,6-Tetrachlorophenol	50	55.1	ug/L	110				63	116	
	1-Methylnaphthalene	50	39.8	ug/L	80				51	114	
PB162788BSD	n-Nitrosodimethylamine	50	41	ug/L	82	2			55	108	20
	Pyridine	50	27.2	ug/L	54	2			29	97	20
	Benzaldehyde	50	18.1	ug/L	36	1			10	162	20
	Aniline	50	25.9	ug/L	52	5			10	130	20
	Phenol	50	44.4	ug/L	89	0			66	118	20
	bis(2-Chloroethyl)ether	50	39	ug/L	78	1			62	103	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP082124

Client: _____

Analytical Method: 8270E

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Low	Limits	
							Qual	Qual		High	RPD
PB162788BSD	2-Chlorophenol	50	48.9	ug/L	98	0			70	117	20
	1,2-Dichlorobenzene	50	41.6	ug/L	83	1			72	102	20
	1,3-Dichlorobenzene	50	41.4	ug/L	83	0			71	103	20
	1,4-Dichlorobenzene	50	41.8	ug/L	84	1			76	103	20
	Benzyl Alcohol	50	43.5	ug/L	87	0			36	93	20
	2-Methylphenol	50	44.9	ug/L	90	1			69	109	20
	2,2-oxybis(1-Chloropropane)	50	39.8	ug/L	80	0			65	100	20
	Acetophenone	50	37.9	ug/L	76	1			60	104	20
	3+4-Methylphenols	50	45.8	ug/L	92	1			67	106	20
	N-Nitroso-di-n-propylamine	50	34.5	ug/L	69	0			57	107	20
	Hexachloroethane	50	42.4	ug/L	85	0			76	118	20
	Nitrobenzene	50	42.8	ug/L	86	3			58	106	20
	Isophorone	50	38	ug/L	76	1			61	102	20
	2-Nitrophenol	50	61.6	ug/L	123	2	*		70	115	20
	2,4-Dimethylphenol	50	50.6	ug/L	101	1			42	142	20
	bis(2-Chloroethoxy)methane	50	39.8	ug/L	80	1			58	109	20
	2,4-Dichlorophenol	50	52.5	ug/L	105	1			66	115	20
	1,2,4-Trichlorobenzene	50	41.6	ug/L	83	2			41	115	20
	Benzoic acid	50	65.4	ug/L	131	1	*		10	125	20
	Naphthalene	50	42.5	ug/L	85	1			64	107	20
	4-Chloroaniline	50	25.8	ug/L	52	4			10	85	20
	Hexachlorobutadiene	50	39.9	ug/L	80	1			69	101	20
	Caprolactam	50	47.3	ug/L	95	3			58	128	20
	4-Chloro-3-methylphenol	50	50	ug/L	100	2			65	114	20
	2-Methylnaphthalene	50	42.5	ug/L	85	1			64	107	20
	Hexachlorocyclopentadiene	100	110	ug/L	110	0			36	160	20
	2,4,6-Trichlorophenol	50	54.9	ug/L	110	1			61	110	20
	2,4,5-Trichlorophenol	50	53.4	ug/L	107	1	*		70	106	20
	1,1-Biphenyl	50	39.8	ug/L	80	1			72	98	20
	2-Chloronaphthalene	50	42.4	ug/L	85	2			59	106	20
	2-Nitroaniline	50	53.1	ug/L	106	1			73	114	20
	Dimethylphthalate	50	45.8	ug/L	92	1			64	103	20
	Acenaphthylene	50	47.7	ug/L	95	0			79	103	20
	2,6-Dinitrotoluene	50	50.1	ug/L	100	0			64	110	20
	3-Nitroaniline	50	43.4	ug/L	87	0			28	100	20
	Acenaphthene	50	50.1	ug/L	100	1			59	113	20
	Total PAH	800	757	ug/L	95	0			59	113	20
	2,4-Dinitrophenol	100	120	ug/L	120	0			36	166	20
	4-Nitrophenol	100	110	ug/L	110	0			45	147	20
	Dibenzofuran	50	44.7	ug/L	89	2			65	106	20
	2,4-Dinitrotoluene	50	56.1	ug/L	112	3			60	115	20
	2,4-Dinitrotoluene/2,6-Dinitro	100	106.2	ug/L	106	1			60	115	20
	Diethylphthalate	50	45.2	ug/L	90	2			63	105	20
	4-Chlorophenyl-phenylether	50	42.5	ug/L	85	4			61	104	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP082124

Client: _____

Analytical Method: 8270E

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB162788BSD	Fluorene	50	42.9	ug/L	86	2			64	107	20
	4-Nitroaniline	50	52	ug/L	104	3			55	125	20
	4,6-Dinitro-2-methylphenol	50	68.3	ug/L	137	2	*		62	132	20
	N-Nitrosodiphenylamine	50	44.4	ug/L	89	1			61	109	20
	Azobenzene	50	39.7	ug/L	79	2			59	106	20
	4-Bromophenyl-phenylether	50	42.5	ug/L	85	0			73	103	20
	Hexachlorobenzene	50	41.8	ug/L	84	0			73	106	20
	Atrazine	50	40.8	ug/L	82	1			76	120	20
	Pentachlorophenol	100	100	ug/L	100	0			47	114	20
	Phenanthrene	50	44.8	ug/L	90	0			62	109	20
	Anthracene	50	45.3	ug/L	91	3			65	110	20
	Carbazole	50	46.5	ug/L	93	1			62	106	20
	Di-n-butylphthalate	50	45.2	ug/L	90	0			64	106	20
	Fluoranthene	50	44.7	ug/L	89	0			64	110	20
	Benzidine	100	23.6	ug/L	24	6			10	94	20
	Pyrene	50	43.8	ug/L	88	2			71	103	20
	Butylbenzylphthalate	50	49.2	ug/L	98	0			61	105	20
	3,3-Dichlorobenzidine	50	43	ug/L	86	2			43	108	20
	Benzo(a)anthracene	50	46.1	ug/L	92	0			62	107	20
	Chrysene	50	46	ug/L	92	1			61	108	20
	bis(2-Ethylhexyl)phthalate	50	48.5	ug/L	97	2			59	110	20
	Di-n-octyl phthalate	50	49.1	ug/L	98	1			52	139	20
	Benzo(b)fluoranthene	50	48	ug/L	96	1			77	113	20
	Benzo(k)fluoranthene	50	48.2	ug/L	96	1			77	105	20
	Benzo(a)pyrene	50	52.3	ug/L	105	1			72	131	20
	Indeno(1,2,3-cd)pyrene	50	52.6	ug/L	105	1			72	105	20
	Dibenz(a,h)anthracene	50	51.9	ug/L	104	2			78	115	20
	Benzo(g,h,i)perylene	50	50.1	ug/L	100	1			75	118	20
	1,2,4,5-Tetrachlorobenzene	50	39	ug/L	78	3			72	101	20
	1,4-Dioxane	50	28.3	ug/L	57	2			38	125	20
	2,3,4,6-Tetrachlorophenol	50	56.8	ug/L	114	3			63	116	20
	1-Methylnaphthalene	50	40.5	ug/L	81	2			51	114	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP082124

Client: _____

Analytical Method: **8270E**

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB162878BS	n-Nitrosodimethylamine	50	40.7	ug/L	81				55	108	
	Pyridine	50	26.9	ug/L	54				29	97	
	Benzaldehyde	50	18.1	ug/L	36				10	162	
	Aniline	50	26.2	ug/L	52				10	130	
	Phenol	50	44.6	ug/L	89				66	118	
	bis(2-Chloroethyl)ether	50	39.7	ug/L	79				62	103	
	2-Chlorophenol	50	49.5	ug/L	99				70	117	
	1,2-Dichlorobenzene	50	42	ug/L	84				72	102	
	1,3-Dichlorobenzene	50	41.5	ug/L	83				71	103	
	1,4-Dichlorobenzene	50	41.9	ug/L	84				76	103	
	Benzyl Alcohol	50	44.4	ug/L	89				36	93	
	2-Methylphenol	50	45.7	ug/L	91				69	109	
	2,2-oxybis(1-Chloropropane)	50	40.7	ug/L	81				65	100	
	Acetophenone	50	37.6	ug/L	75				60	104	
	3+4-Methylphenols	50	47	ug/L	94				67	106	
	N-Nitroso-di-n-propylamine	50	35.8	ug/L	72				57	107	
	Hexachloroethane	50	42.9	ug/L	86				76	118	
	Nitrobenzene	50	42.2	ug/L	84				58	106	
	Isophorone	50	38.1	ug/L	76				61	102	
	2-Nitrophenol	50	60.8	ug/L	122		*		70	115	
	2,4-Dimethylphenol	50	50.3	ug/L	101				42	142	
	bis(2-Chloroethoxy)methane	50	39.8	ug/L	80				58	109	
	2,4-Dichlorophenol	50	51.8	ug/L	104				66	115	
	1,2,4-Trichlorobenzene	50	41.8	ug/L	84				41	115	
	Benzoic acid	50	65.5	ug/L	131		*		10	125	
	Naphthalene	50	41.8	ug/L	84				64	107	
	4-Chloroaniline	50	24.8	ug/L	50				10	85	
	Hexachlorobutadiene	50	39.6	ug/L	79				69	101	
	Caprolactam	50	46.4	ug/L	93				58	128	
	4-Chloro-3-methylphenol	50	49.6	ug/L	99				65	114	
	2-Methylnaphthalene	50	42.3	ug/L	85				64	107	
	Hexachlorocyclopentadiene	100	110	ug/L	110				36	160	
	2,4,6-Trichlorophenol	50	54.9	ug/L	110				61	110	
	2,4,5-Trichlorophenol	50	52.7	ug/L	105				70	106	
	1,1-Biphenyl	50	39.5	ug/L	79				72	98	
	2-Chloronaphthalene	50	41.9	ug/L	84				59	106	
	2-Nitroaniline	50	52.8	ug/L	106				73	114	
	Dimethylphthalate	50	46.5	ug/L	93				64	103	
	Acenaphthylene	50	48	ug/L	96				79	103	
	2,6-Dinitrotoluene	50	51	ug/L	102				64	110	
3-Nitroaniline	50	43.7	ug/L	87				28	100		
Acenaphthene	50	50.2	ug/L	100				59	113		
Total PAH	800	753.8	ug/L	94				59	113		
2,4-Dinitrophenol	100	120	ug/L	120				36	166		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP082124

Client: _____

Analytical Method: 8270E

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB162878BS	4-Nitrophenol	100	110	ug/L	110				45	147	
	Dibenzofuran	50	45	ug/L	90				65	106	
	2,4-Dinitrotoluene/2,6-Dinitrotrc	100	107.5	ug/L	108				60	115	
	2,4-Dinitrotoluene	50	56.5	ug/L	113				60	115	
	Diethylphthalate	50	46.7	ug/L	93				63	105	
	4-Chlorophenyl-phenylether	50	42.1	ug/L	84				61	104	
	Fluorene	50	43	ug/L	86				64	107	
	4-Nitroaniline	50	52.4	ug/L	105				55	125	
	4,6-Dinitro-2-methylphenol	50	67.7	ug/L	135		*		62	132	
	N-Nitrosodiphenylamine	50	44.2	ug/L	88				61	109	
	Azobenzene	50	40.6	ug/L	81				59	106	
	4-Bromophenyl-phenylether	50	42.2	ug/L	84				73	103	
	Hexachlorobenzene	50	41.5	ug/L	83				73	106	
	Atrazine	50	40.4	ug/L	81				76	120	
	Pentachlorophenol	100	100	ug/L	100				47	114	
	Phenanthrene	50	44.8	ug/L	90				62	109	
	Anthracene	50	45.2	ug/L	90				65	110	
	Carbazole	50	45.8	ug/L	92				62	106	
	Di-n-butylphthalate	50	46.1	ug/L	92				64	106	
	Fluoranthene	50	44.6	ug/L	89				64	110	
	Benzidine	100	22	ug/L	22				10	94	
	Pyrene	50	44	ug/L	88				71	103	
	Butylbenzylphthalate	50	51.3	ug/L	103				61	105	
	3,3-Dichlorobenzidine	50	41.8	ug/L	84				43	108	
	Benzo(a)anthracene	50	46.4	ug/L	93				62	107	
	Chrysene	50	46.3	ug/L	93				61	108	
	bis(2-Ethylhexyl)phthalate	50	52.2	ug/L	104				59	110	
	Di-n-octyl phthalate	50	51.7	ug/L	103				52	139	
	Benzo(b)fluoranthene	50	48.4	ug/L	97				77	113	
	Benzo(k)fluoranthene	50	49.2	ug/L	98				77	105	
	Benzo(a)pyrene	50	51.7	ug/L	103				72	131	
	Indeno(1,2,3-cd)pyrene	50	51.1	ug/L	102				72	105	
	Dibenz(a,h)anthracene	50	50.4	ug/L	101				78	115	
	Benzo(g,h,i)perylene	50	48.7	ug/L	97				75	118	
	1,2,4,5-Tetrachlorobenzene	50	38.6	ug/L	77				72	101	
	1,4-Dioxane	50	27.3	ug/L	55				38	125	
	2,3,4,6-Tetrachlorophenol	50	56.1	ug/L	112				63	116	
	1-Methylnaphthalene	50	40	ug/L	80				51	114	
PB162878BSD	n-Nitrosodimethylamine	50	41.7	ug/L	83	2			55	108	20
	Pyridine	50	28.4	ug/L	57	5			29	97	20
	Benzaldehyde	50	18.1	ug/L	36	0			10	162	20
	Aniline	50	25.6	ug/L	51	2			10	130	20
	Phenol	50	44.7	ug/L	89	0			66	118	20
	bis(2-Chloroethyl)ether	50	38.8	ug/L	78	2			62	103	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP082124

Client: _____

Analytical Method: **8270E**

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Low	Limits	
							Qual	Qual		High	RPD
PB162878BSD	2-Chlorophenol	50	48.9	ug/L	98	1			70	117	20
	1,2-Dichlorobenzene	50	41.7	ug/L	83	1			72	102	20
	1,3-Dichlorobenzene	50	41.6	ug/L	83	0			71	103	20
	1,4-Dichlorobenzene	50	41.7	ug/L	83	0			76	103	20
	Benzyl Alcohol	50	43.1	ug/L	86	3			36	93	20
	2-Methylphenol	50	45	ug/L	90	2			69	109	20
	2,2-oxybis(1-Chloropropane)	50	39.4	ug/L	79	3			65	100	20
	Acetophenone	50	37.9	ug/L	76	1			60	104	20
	3+4-Methylphenols	50	46.1	ug/L	92	2			67	106	20
	N-Nitroso-di-n-propylamine	50	34.3	ug/L	69	4			57	107	20
	Hexachloroethane	50	42.1	ug/L	84	2			76	118	20
	Nitrobenzene	50	43.2	ug/L	86	2			58	106	20
	Isophorone	50	37.6	ug/L	75	1			61	102	20
	2-Nitrophenol	50	61.1	ug/L	122	0	*		70	115	20
	2,4-Dimethylphenol	50	50.6	ug/L	101	1			42	142	20
	bis(2-Chloroethoxy)methane	50	39.3	ug/L	79	1			58	109	20
	2,4-Dichlorophenol	50	51.8	ug/L	104	0			66	115	20
	1,2,4-Trichlorobenzene	50	41.7	ug/L	83	0			41	115	20
	Benzoic acid	50	65.4	ug/L	131	0	*		10	125	20
	Naphthalene	50	42.4	ug/L	85	1			64	107	20
	4-Chloroaniline	50	25	ug/L	50	1			10	85	20
	Hexachlorobutadiene	50	39.5	ug/L	79	0			69	101	20
	Caprolactam	50	46.8	ug/L	94	1			58	128	20
	4-Chloro-3-methylphenol	50	48.6	ug/L	97	2			65	114	20
	2-Methylnaphthalene	50	42	ug/L	84	1			64	107	20
	Hexachlorocyclopentadiene	100	110	ug/L	110	0			36	160	20
	2,4,6-Trichlorophenol	50	53.8	ug/L	108	2			61	110	20
	2,4,5-Trichlorophenol	50	53.4	ug/L	107	1	*		70	106	20
	1,1-Biphenyl	50	39.7	ug/L	79	1			72	98	20
	2-Chloronaphthalene	50	42.6	ug/L	85	2			59	106	20
	2-Nitroaniline	50	53	ug/L	106	0			73	114	20
	Dimethylphthalate	50	45.7	ug/L	91	2			64	103	20
	Acenaphthylene	50	47.7	ug/L	95	1			79	103	20
	2,6-Dinitrotoluene	50	50	ug/L	100	2			64	110	20
	3-Nitroaniline	50	44.6	ug/L	89	2			28	100	20
	Acenaphthene	50	50	ug/L	100	0			59	113	20
	Total PAH	800	753.5	ug/L	94	0			59	113	20
	2,4-Dinitrophenol	100	120	ug/L	120	0			36	166	20
	4-Nitrophenol	100	120	ug/L	120	9			45	147	20
	Dibenzofuran	50	45.1	ug/L	90	0			65	106	20
	2,4-Dinitrotoluene/2,6-Dinitro	100	105.4	ug/L	105	2			60	115	20
	2,4-Dinitrotoluene	50	55.4	ug/L	111	2			60	115	20
	Diethylphthalate	50	45.5	ug/L	91	3			63	105	20
	4-Chlorophenyl-phenylether	50	41.5	ug/L	83	1			61	104	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP082124

Client: _____

Analytical Method: **8270E**

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB162878BSD	Fluorene	50	42.6	ug/L	85	1			64	107	20
	4-Nitroaniline	50	53.9	ug/L	108	3			55	125	20
	4,6-Dinitro-2-methylphenol	50	68.3	ug/L	137	1	*		62	132	20
	N-Nitrosodiphenylamine	50	44.3	ug/L	89	0			61	109	20
	Azobenzene	50	40.1	ug/L	80	1			59	106	20
	4-Bromophenyl-phenylether	50	41.9	ug/L	84	1			73	103	20
	Hexachlorobenzene	50	41.7	ug/L	83	0			73	106	20
	Atrazine	50	40.4	ug/L	81	0			76	120	20
	Pentachlorophenol	100	100	ug/L	100	0			47	114	20
	Phenanthrene	50	45.6	ug/L	91	2			62	109	20
	Anthracene	50	46.4	ug/L	93	3			65	110	20
	Carbazole	50	47.9	ug/L	96	4			62	106	20
	Di-n-butylphthalate	50	46.6	ug/L	93	1			64	106	20
	Fluoranthene	50	47.5	ug/L	95	6			64	110	20
	Benzidine	100	22.2	ug/L	22	1			10	94	20
	Pyrene	50	41.6	ug/L	83	6			71	103	20
	Butylbenzylphthalate	50	50.3	ug/L	101	2			61	105	20
	3,3-Dichlorobenzidine	50	43.3	ug/L	87	4			43	108	20
	Benzo(a)anthracene	50	45.4	ug/L	91	2			62	107	20
	Chrysene	50	46.7	ug/L	93	1			61	108	20
	bis(2-Ethylhexyl)phthalate	50	51.1	ug/L	102	2			59	110	20
	Di-n-octyl phthalate	50	52.5	ug/L	105	2			52	139	20
	Benzo(b)fluoranthene	50	47.9	ug/L	96	1			77	113	20
	Benzo(k)fluoranthene	50	49.4	ug/L	99	0			77	105	20
	Benzo(a)pyrene	50	51.6	ug/L	103	0			72	131	20
	Indeno(1,2,3-cd)pyrene	50	50.6	ug/L	101	1			72	105	20
	Dibenz(a,h)anthracene	50	50.1	ug/L	100	1			78	115	20
	Benzo(g,h,i)perylene	50	48	ug/L	96	1			75	118	20
	1,2,4,5-Tetrachlorobenzene	50	39.4	ug/L	79	2			72	101	20
	1,4-Dioxane	50	29.2	ug/L	58	7			38	125	20
	2,3,4,6-Tetrachlorophenol	50	56.3	ug/L	113	0			63	116	20
	1-Methylnaphthalene	50	39.9	ug/L	80	0			51	114	20

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB162631BS

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP082124

SAS No.: BP082124 SDG NO.: BP082124

Lab File ID: BP021597.D

Lab Sample ID: PB162631BS

Instrument ID: BNA_P

Date Extracted: 08/10/2024

Matrix: (soil/water) Solid

Date Analyzed: 08/21/2024

Level: (low/med) LOW

Time Analyzed: 14:35

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB162631BS	PB162631BS	BP021597.D	08/21/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB162717BS

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP082124

SAS No.: BP082124 SDG NO.: BP082124

Lab File ID: BP021596.D

Lab Sample ID: PB162717BS

Instrument ID: BNA_P

Date Extracted: 08/14/2024

Matrix: (soil/water) Solid

Date Analyzed: 08/21/2024

Level: (low/med) LOW

Time Analyzed: 13:52

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB162717BS	PB162717BS	BP021596.D	08/21/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB162788BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP082124

SAS No.: BP082124 SDG NO.: BP082124

Lab File ID: BP021593.D

Lab Sample ID: PB162788BL

Instrument ID: BNA_P

Date Extracted: 08/16/2024

Matrix: (soil/water) Water

Date Analyzed: 08/21/2024

Level: (low/med) LOW

Time Analyzed: 10:52

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB162788BS	PB162788BS	BP021594.D	08/21/2024
PB162788BSD	PB162788BSD	BP021595.D	08/21/2024
Field Blank	P3617-02	BP021602.D	08/21/2024
VCPS-B2-081424-6W	P3617-03	BP021603.D	08/21/2024
VCPS-B2-081424-6W-DUP	P3617-04	BP021604.D	08/21/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB162878BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP082124

SAS No.: BP082124 SDG NO.: BP082124

Lab File ID: BP021598.D

Lab Sample ID: PB162878BL

Instrument ID: BNA_P

Date Extracted: 08/20/2024

Matrix: (soil/water) Water

Date Analyzed: 08/21/2024

Level: (low/med) LOW

Time Analyzed: 15:17

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB162878BS	PB162878BS	BP021599.D	08/21/2024
PB162878BSD	PB162878BSD	BP021600.D	08/21/2024
SP-303-70740816	P3666-03	BP021601.D	08/21/2024

COMMENTS: _____

Surrogate Summary

SW-846

SDG No.: BP082124

Client: _____

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB162631BS	PB162631BS	BP021597.D	2-Fluorophenol	150	131.57	88		18	112
			Phenol-d6	150	122.92	82		15	107
			Nitrobenzene-d5	100	89.76	90		18	107
			2-Fluorobiphenyl	100	76.37	76		20	109
			2,4,6-Tribromophenol	150	151.91	101		10	116
			Terphenyl-d14	100	81.71	82		10	105

Surrogate Summary

SW-846

SDG No.: BP082124

Client: _____

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB162717BS	PB162717BS	BP021596.D	2-Fluorophenol	150	131.84	88		18	112
			Phenol-d6	150	122.96	82		15	107
			Nitrobenzene-d5	100	88.80	89		18	107
			2-Fluorobiphenyl	100	77.39	77		20	109
			2,4,6-Tribromophenol	150	149.80	100		10	116
			Terphenyl-d14	100	81.41	81		10	105

Surrogate Summary

SW-846

SDG No.: **BP082124**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3617-02	Field Blank	BP021602.D	2-Fluorophenol	150	67.96	45		10	139
			Phenol-d6	150	39.40	26		10	134
			Nitrobenzene-d5	100	109.28	109		49	133
			2-Fluorobiphenyl	100	90.42	90		52	132
			2,4,6-Tribromophenol	150	210.20	140	*	44	137
			Terphenyl-d14	100	115.09	115		48	125
P3617-03	VCPS-B2-081424-6BP021603.D		2-Fluorophenol	150	55.79	37		10	139
			Phenol-d6	150	33.45	22		10	134
			Nitrobenzene-d5	100	90.60	91		49	133
			2-Fluorobiphenyl	100	74.03	74		52	132
			2,4,6-Tribromophenol	150	162.90	109		44	137
			Terphenyl-d14	100	90.03	90		48	125
P3617-04	VCPS-B2-081424-6BP021604.D		2-Fluorophenol	150	66.58	44		10	139
			Phenol-d6	150	38.40	26		10	134
			Nitrobenzene-d5	100	101.12	101		49	133
			2-Fluorobiphenyl	100	85.01	85		52	132
			2,4,6-Tribromophenol	150	186.93	125		44	137
			Terphenyl-d14	100	93.86	94		48	125
PB162788BL	PB162788BL	BP021593.D	2-Fluorophenol	150	128.42	86		10	139
			Phenol-d6	150	114.79	77		10	134
			Nitrobenzene-d5	100	90.21	90		49	133
			2-Fluorobiphenyl	100	79.65	80		52	132
			2,4,6-Tribromophenol	150	152.55	102		44	137
			Terphenyl-d14	100	80.51	81		48	125
PB162788BS	PB162788BS	BP021594.D	2-Fluorophenol	150	130.41	87		10	139
			Phenol-d6	150	119.91	80		10	134
			Nitrobenzene-d5	100	91.60	92		49	133
			2-Fluorobiphenyl	100	78.75	79		52	132
			2,4,6-Tribromophenol	150	145.55	97		44	137
			Terphenyl-d14	100	80.69	81		48	125
PB162788BSD	PB162788BSD	BP021595.D	2-Fluorophenol	150	128.91	86		10	139
			Phenol-d6	150	119.36	80		10	134
			Nitrobenzene-d5	100	89.85	90		49	133
			2-Fluorobiphenyl	100	77.82	78		52	132
			2,4,6-Tribromophenol	150	149.33	100		44	137
			Terphenyl-d14	100	79.86	80		48	125

Surrogate Summary

SW-846

SDG No.: **BP082124**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3666-03	SP-303-70740816	BP021601.D	2-Fluorophenol	150	68.60	46		10	139
			Phenol-d6	150	37.70	25		10	134
			Nitrobenzene-d5	100	120.90	121		49	133
			2-Fluorobiphenyl	100	103.60	104		52	132
			2,4,6-Tribromophenol	150	196.80	131		44	137
			Terphenyl-d14	100	99.07	99		48	125
PB162878BL	PB162878BL	BP021598.D	2-Fluorophenol	150	131.18	87		10	139
			Phenol-d6	150	119.65	80		10	134
			Nitrobenzene-d5	100	91.63	92		49	133
			2-Fluorobiphenyl	100	79.89	80		52	132
			2,4,6-Tribromophenol	150	156.76	105		44	137
			Terphenyl-d14	100	79.15	79		48	125
PB162878BS	PB162878BS	BP021599.D	2-Fluorophenol	150	130.50	87		10	139
			Phenol-d6	150	120.73	80		10	134
			Nitrobenzene-d5	100	88.80	89		49	133
			2-Fluorobiphenyl	100	76.91	77		52	132
			2,4,6-Tribromophenol	150	149.61	100		44	137
			Terphenyl-d14	100	80.46	80		48	125
PB162878BSD	PB162878BSD	BP021600.D	2-Fluorophenol	150	130.30	87		10	139
			Phenol-d6	150	120.67	80		10	134
			Nitrobenzene-d5	100	90.52	91		49	133
			2-Fluorobiphenyl	100	78.58	79		52	132
			2,4,6-Tribromophenol	150	151.28	101		44	137
			Terphenyl-d14	100	79.03	79		48	125

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BP082124

Lab Code: CHEM

SAS No.: BP082124

SDG NO.: BP082124

Lab File ID: BP021591.D

DFTPP Injection Date: 08/21/2024

Instrument ID: BNA_P

DFTPP Injection Time: 09:28

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	28.9
68	Less than 2.0% of mass 69	0.6 (1.7) 1
69	Mass 69 relative abundance	36.5
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	43.3
197	Less than 2.0% of mass 198	0.3
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	29.2
365	Greater than 1% of mass 198	3.7
441	Present, but less than mass 443	14.9
442	Greater than 50% of mass 198	94.9
443	15.0 - 24.0% of mass 442	18.7 (19.7) 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	BP021592.D	08/21/2024	10:10
PB162788BL	PB162788BL	BP021593.D	08/21/2024	10:52
PB162788BS	PB162788BS	BP021594.D	08/21/2024	12:19
PB162788BSD	PB162788BSD	BP021595.D	08/21/2024	13:08
PB162717BS	PB162717BS	BP021596.D	08/21/2024	13:52
PB162631BS	PB162631BS	BP021597.D	08/21/2024	14:35
PB162878BL	PB162878BL	BP021598.D	08/21/2024	15:17
PB162878BS	PB162878BS	BP021599.D	08/21/2024	15:59
PB162878BSD	PB162878BSD	BP021600.D	08/21/2024	16:42
SP-303-70740816	P3666-03	BP021601.D	08/21/2024	17:25
Field Blank	P3617-02	BP021602.D	08/21/2024	18:08
VCPS-B2-081424-6W	P3617-03	BP021603.D	08/21/2024	18:51
VCPS-B2-081424-6W-DUP	P3617-04	BP021604.D	08/21/2024	19:35
SSTDCCC040EC	SSTDCCC040	BP021605.D	08/21/2024	20:18