

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP082024 SAS No.: BP082024 SDG No.: BP082024

Instrument ID: BNA_P Calibration Date/Time: 8/20/2024 1:10:07

Lab File ID: BP021566.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	0.492		-8.209	
Pyridine	1.783	1.602		-10.151	
2-Fluorophenol	1.347	1.353		0.445	
Benzaldehyde	1.258	1.358		7.949	
Aniline	1.964	1.799		-8.401	
Phenol-d6	1.965	1.932		-1.679	
Phenol	2.035	1.947		-4.324	20.0
bis(2-Chloroethyl)ether	1.722	1.542		-10.453	
2-Chlorophenol	1.245	1.295		4.016	
1,2-Dichlorobenzene	1.439	1.385		-3.753	
1,3-Dichlorobenzene	1.479	1.438		-2.772	
1,4-Dichlorobenzene	1.493	1.457		-2.411	20.0
Benzyl Alcohol	1.410	1.348		-4.397	
2-Methylphenol	1.286	1.272		-1.089	
2,2-oxybis(1-Chloropropane)	1.585	1.383		-12.744	
Acetophenone	0.614	0.584		-4.886	
3+4-Methylphenols	1.734	1.797		3.633	
n-Nitroso-di-n-propylamine	1.357	1.109	0.050	-18.276	
Nitrobenzene-d5	0.387	0.426		10.078	
Hexachloroethane	0.599	0.597		-0.334	
Nitrobenzene	0.421	0.432		2.613	
Isophorone	0.915	0.803		-12.24	
2-Nitrophenol	0.086	0.165		91.86	20.0
2,4-Dimethylphenol	0.226	0.229		1.327	
bis(2-Chloroethoxy)methane	0.559	0.505		-9.66	
2,4-Dichlorophenol	0.267	0.300		12.36	20.0
1,2,4-Trichlorobenzene	0.342	0.332		-2.924	
Benzoic acid	0.137	0.274		100.0	
Naphthalene	1.045	1.030		-1.435	
4-Chloroaniline	0.392	0.398		1.531	
Hexachlorobutadiene	0.215	0.208		-3.256	20.0
Caprolactam	0.111	0.130		17.117	
4-Chloro-3-methylphenol	0.370	0.406		9.73	20.0
2-Methylnaphthalene	0.713	0.693		-2.805	
Hexachlorocyclopentadiene	0.186	0.235	0.050	26.344	
2,4,6-Trichlorophenol	0.326	0.378		15.951	20.0
2-Fluorobiphenyl	1.310	1.241		-5.267	
2,4,5-Trichlorophenol	0.362	0.427		17.956	
1,1-Biphenyl	1.415	1.347		-4.806	

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Lab File ID: BP021566.D Init. Calib. Date(s): _____

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

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Chloronaphthalene	1.102	1.063		-3.539	
2-Nitroaniline	0.256	0.363		41.797	
Dimethylphthalate	1.339	1.328		-0.822	
Acenaphthylene	1.619	1.589		-1.853	
2,6-Dinitrotoluene	0.232	0.306		31.897	
3-Nitroaniline	0.228	0.323		41.667	
Acenaphthene	1.063	1.082		1.787	20.0
2,4-Dinitrophenol	0.069	0.138	0.050	100.0	
4-Nitrophenol	0.195	0.287	0.050	47.179	
Dibenzofuran	1.635	1.602		-2.018	
2,4-Dinitrotoluene	0.284	0.425		49.648	
Diethylphthalate	1.374	1.367		-0.509	
4-Chlorophenyl-phenylether	0.694	0.644		-7.205	
Fluorene	1.343	1.294		-3.649	
4-Nitroaniline	0.241	0.337		39.834	
4,6-Dinitro-2-methylphenol	0.054	0.096		77.778	
n-Nitrosodiphenylamine	0.536	0.518		-3.358	20.0
Azobenzene	1.689	1.474		-12.729	
2,4,6-Tribromophenol	0.223	0.267		19.731	
4-Bromophenyl-phenylether	0.212	0.199		-6.132	
Hexachlorobenzene	0.250	0.242		-3.2	
Atrazine	0.184	0.152		-17.391	
Pentachlorophenol	0.137	0.170		24.088	20.0
Phenanthrene	0.962	0.951		-1.143	
Anthracene	0.943	0.947		0.424	
Carbazole	0.909	0.938		3.19	
Di-n-butylphthalate	1.116	1.121		0.448	
Fluoranthene	1.180	1.227		3.983	20.0
Benzidine	0.420	0.506		20.476	
Pyrene	1.307	1.288		-1.454	
Terphenyl-d14	1.029	0.954		-7.289	
Butylbenzylphthalate	0.437	0.537		22.883	
3,3-Dichlorobenzidine	0.403	0.465		15.385	
Benzo(a)anthracene	1.256	1.256		0.0	
Chrysene	1.185	1.188		0.253	
Bis(2-ethylhexyl)phthalate	0.742	0.771		3.908	
Di-n-octyl phthalate	1.199	1.369		14.178	20.0
Benzo(b)fluoranthene	1.149	1.120		-2.524	
Benzo(k)fluoranthene	1.121	1.084		-3.301	

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Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP082024 SAS No.: BP082024 SDG No.: BP082024

Instrument ID: BNA_P Calibration Date/Time: 8/20/2024 1:10:07

Lab File ID: BP021566.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	1.000		0.301	20.0
Indeno(1,2,3-cd)pyrene	1.296	1.324		2.16	
Dibenzo(a,h)anthracene	1.077	1.092		1.393	
Benzo(g,h,i)perylene	1.080	1.120		3.704	
1,2,4,5-Tetrachlorobenzene	0.586	0.559		-4.608	
1,4-Dioxane	0.639	0.561		-12.207	20.0
2,3,4,6-Tetrachlorophenol	0.307	0.369		20.195	
1-Methylnaphthalene	0.703	0.682		-2.987	

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.: BP082024 SAS No.: BP082024 SDG No.: BP082024

Instrument ID: BNA_P Calibration Date/Time: 8/20/2024 1:15:14

Lab File ID: BP021573.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	0.497		-7.276	50.0
Pyridine	1.783	1.602		-10.151	50.0
2-Fluorophenol	1.347	1.384		2.747	50.0
Benzaldehyde	1.258	1.451		15.342	50.0
Aniline	1.964	1.790		-8.859	50.0
Phenol-d6	1.965	1.958		-0.356	50.0
Phenol	2.035	1.974		-2.998	50.0
bis(2-Chloroethyl) ether	1.722	1.556		-9.64	50.0
2-Chlorophenol	1.245	1.315		5.622	50.0
1,2-Dichlorobenzene	1.439	1.408		-2.154	50.0
1,3-Dichlorobenzene	1.479	1.452		-1.826	50.0
1,4-Dichlorobenzene	1.493	1.483		-0.67	50.0
Benzyl Alcohol	1.410	1.338		-5.106	50.0
2-Methylphenol	1.286	1.294		0.622	50.0
2,2-oxybis(1-Chloropropane)	1.585	1.401		-11.609	50.0
Acetophenone	0.614	0.578		-5.863	50.0
3+4-Methylphenols	1.734	1.803		3.979	50.0
n-Nitroso-di-n-propylamine	1.357	1.120	0.050	-17.465	50.0
Nitrobenzene-d5	0.387	0.425		9.819	50.0
Hexachloroethane	0.599	0.604		0.835	50.0
Nitrobenzene	0.421	0.434		3.088	50.0
Isophorone	0.915	0.804		-12.131	50.0
2-Nitrophenol	0.086	0.163		89.535	50.0
2,4-Dimethylphenol	0.226	0.225		-0.442	50.0
bis(2-Chloroethoxy) methane	0.559	0.500		-10.555	50.0
2,4-Dichlorophenol	0.267	0.297		11.236	50.0
1,2,4-Trichlorobenzene	0.342	0.332		-2.924	50.0
Benzoic acid	0.137	0.274		100.0	50.0
Naphthalene	1.045	1.022		-2.201	50.0
4-Chloroaniline	0.392	0.393		0.255	50.0
Hexachlorobutadiene	0.215	0.205		-4.651	50.0
Caprolactam	0.111	0.129		16.216	50.0
4-Chloro-3-methylphenol	0.370	0.404		9.189	50.0
2-Methylnaphthalene	0.713	0.681		-4.488	50.0
Hexachlorocyclopentadiene	0.186	0.223	0.050	19.892	50.0
2,4,6-Trichlorophenol	0.326	0.381		16.871	50.0
2-Fluorobiphenyl	1.310	1.243		-5.115	50.0
2,4,5-Trichlorophenol	0.362	0.429		18.508	50.0
1,1-Biphenyl	1.415	1.368		-3.322	50.0

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Lab File ID: BP021573.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
2-Chloronaphthalene	1.102	1.094		-0.726	50.0
2-Nitroaniline	0.256	0.365		42.578	50.0
Dimethylphthalate	1.339	1.345		0.448	50.0
Acenaphthylene	1.619	1.614		-0.309	50.0
2,6-Dinitrotoluene	0.232	0.315		35.776	50.0
3-Nitroaniline	0.228	0.329		44.298	50.0
Acenaphthene	1.063	1.089		2.446	50.0
2,4-Dinitrophenol	0.069	0.140	0.050	102.899	50.0
4-Nitrophenol	0.195	0.299	0.050	53.333	50.0
Dibenzofuran	1.635	1.617		-1.101	50.0
2,4-Dinitrotoluene	0.284	0.441		55.282	50.0
Diethylphthalate	1.374	1.391		1.237	50.0
4-Chlorophenyl-phenylether	0.694	0.663		-4.467	50.0
Fluorene	1.343	1.311		-2.383	50.0
4-Nitroaniline	0.241	0.350		45.228	50.0
4,6-Dinitro-2-methylphenol	0.054	0.094		74.074	50.0
n-Nitrosodiphenylamine	0.536	0.514		-4.104	50.0
Azobenzene	1.689	1.492		-11.664	50.0
2,4,6-Tribromophenol	0.223	0.268		20.179	50.0
4-Bromophenyl-phenylether	0.212	0.195		-8.019	50.0
Hexachlorobenzene	0.250	0.239		-4.4	50.0
Atrazine	0.184	0.149		-19.022	50.0
Pentachlorophenol	0.137	0.168		22.628	50.0
Phenanthrene	0.962	0.930		-3.326	50.0
Anthracene	0.943	0.936		-0.742	50.0
Carbazole	0.909	0.953		4.84	50.0
Di-n-butylphthalate	1.116	1.115		-0.09	50.0
Fluoranthene	1.180	1.228		4.068	50.0
Benzidine	0.420	0.389		-7.381	50.0
Pyrene	1.307	1.278		-2.219	50.0
Terphenyl-d14	1.029	0.956		-7.094	50.0
Butylbenzylphthalate	0.437	0.530		21.281	50.0
3,3-Dichlorobenzidine	0.403	0.464		15.136	50.0
Benzo(a)anthracene	1.256	1.256		0.0	50.0
Chrysene	1.185	1.170		-1.266	50.0
Bis(2-ethylhexyl)phthalate	0.742	0.785		5.795	50.0
Di-n-octyl phthalate	1.199	1.356		13.094	50.0
Benzo(b)fluoranthene	1.149	1.099		-4.352	50.0
Benzo(k)fluoranthene	1.121	1.078		-3.836	50.0

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Lab File ID: BP021573.D Init. Calib. Date(s): _____

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

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Benzo(a)pyrene	0.997	0.992		-0.502	50.0
Indeno(1,2,3-cd)pyrene	1.296	1.315		1.466	50.0
Dibenzo(a,h)anthracene	1.077	1.081		0.371	50.0
Benzo(g,h,i)perylene	1.080	1.103		2.13	50.0
1,2,4,5-Tetrachlorobenzene	0.586	0.570		-2.73	50.0
1,4-Dioxane	0.639	0.570		-10.798	50.0
2,3,4,6-Tetrachlorophenol	0.307	0.372		21.173	50.0
1-Methylnaphthalene	0.703	0.673		-4.267	50.0

All other compounds must meet a minimum RRF of 0.010.

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BP082024 SAS No.: BP082024 SDG No.: BP082024
Instrument ID: BNA_P Calibration Date/Time: 8/20/2024 1:16:40
Lab File ID: BP021575.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	0.498		-7.09	
Pyridine	1.783	1.623		-8.974	
2-Fluorophenol	1.347	1.372		1.856	
Benzaldehyde	1.258	1.392		10.652	
Aniline	1.964	1.810		-7.841	
Phenol-d6	1.965	1.965		0.0	
Phenol	2.035	1.989		-2.26	20.0
bis(2-Chloroethyl) ether	1.722	1.573		-8.653	
2-Chlorophenol	1.245	1.314		5.542	
1,2-Dichlorobenzene	1.439	1.401		-2.641	
1,3-Dichlorobenzene	1.479	1.455		-1.623	
1,4-Dichlorobenzene	1.493	1.480		-0.871	20.0
Benzyl Alcohol	1.410	1.363		-3.333	
2-Methylphenol	1.286	1.311		1.944	
2,2-oxybis(1-Chloropropane)	1.585	1.424		-10.158	
Acetophenone	0.614	0.576		-6.189	
3+4-Methylphenols	1.734	1.820		4.96	
n-Nitroso-di-n-propylamine	1.357	1.141	0.050	-15.917	
Nitrobenzene-d5	0.387	0.421		8.786	
Hexachloroethane	0.599	0.610		1.836	
Nitrobenzene	0.421	0.430		2.138	
Isophorone	0.915	0.812		-11.257	
2-Nitrophenol	0.086	0.163		89.535	20.0
2,4-Dimethylphenol	0.226	0.227		0.442	
bis(2-Chloroethoxy) methane	0.559	0.510		-8.766	
2,4-Dichlorophenol	0.267	0.303		13.483	20.0
1,2,4-Trichlorobenzene	0.342	0.332		-2.924	
Benzoic acid	0.137	0.280		104.38	
Naphthalene	1.045	1.030		-1.435	
4-Chloroaniline	0.392	0.400		2.041	
Hexachlorobutadiene	0.215	0.206		-4.186	20.0
Caprolactam	0.111	0.133		19.82	
4-Chloro-3-methylphenol	0.370	0.411		11.081	20.0
2-Methylnaphthalene	0.713	0.699		-1.964	
Hexachlorocyclopentadiene	0.186	0.217	0.050	16.667	
2,4,6-Trichlorophenol	0.326	0.377		15.644	20.0
2-Fluorobiphenyl	1.310	1.212		-7.481	
2,4,5-Trichlorophenol	0.362	0.422		16.575	
1,1-Biphenyl	1.415	1.343		-5.088	

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Instrument ID: BNA_P Calibration Date/Time: 8/20/2024 1:16:40

Lab File ID: BP021575.D Init. Calib. Date(s): _____

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

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Chloronaphthalene	1.102	1.056		-4.174	
2-Nitroaniline	0.256	0.363		41.797	
Dimethylphthalate	1.339	1.358		1.419	
Acenaphthylene	1.619	1.596		-1.421	
2,6-Dinitrotoluene	0.232	0.313		34.914	
3-Nitroaniline	0.228	0.330		44.737	
Acenaphthene	1.063	1.097		3.198	20.0
2,4-Dinitrophenol	0.069	0.141	0.050	104.348	
4-Nitrophenol	0.195	0.292	0.050	49.744	
Dibenzofuran	1.635	1.623		-0.734	
2,4-Dinitrotoluene	0.284	0.440		54.93	
Diethylphthalate	1.374	1.420		3.348	
4-Chlorophenyl-phenylether	0.694	0.659		-5.043	
Fluorene	1.343	1.311		-2.383	
4-Nitroaniline	0.241	0.348		44.398	
4,6-Dinitro-2-methylphenol	0.054	0.095		75.926	
n-Nitrosodiphenylamine	0.536	0.506		-5.597	20.0
Azobenzene	1.689	1.505		-10.894	
2,4,6-Tribromophenol	0.223	0.265		18.834	
4-Bromophenyl-phenylether	0.212	0.196		-7.547	
Hexachlorobenzene	0.250	0.240		-4.0	
Atrazine	0.184	0.147		-20.109	
Pentachlorophenol	0.137	0.168		22.628	20.0
Phenanthrene	0.962	0.949		-1.351	
Anthracene	0.943	0.925		-1.909	
Carbazole	0.909	0.943		3.74	
Di-n-butylphthalate	1.116	1.161		4.032	
Fluoranthene	1.180	1.230		4.237	20.0
Benzidine	0.420	0.418		-0.476	
Pyrene	1.307	1.267		-3.06	
Terphenyl-d14	1.029	0.958		-6.9	
Butylbenzylphthalate	0.437	0.544		24.485	
3,3-Dichlorobenzidine	0.403	0.457		13.4	
Benzo(a)anthracene	1.256	1.254		-0.159	
Chrysene	1.185	1.172		-1.097	
Bis(2-ethylhexyl)phthalate	0.742	0.836		12.668	
Di-n-octyl phthalate	1.199	1.458		21.601	20.0
Benzo(b)fluoranthene	1.149	1.131		-1.567	
Benzo(k)fluoranthene	1.121	1.065		-4.996	

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Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP082024 SAS No.: BP082024 SDG No.: BP082024

Instrument ID: BNA_P Calibration Date/Time: 8/20/2024 1:16:40

Lab File ID: BP021575.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	0.991		-0.602	20.0
Indeno(1,2,3-cd)pyrene	1.296	1.308		0.926	
Dibenzo(a,h)anthracene	1.077	1.071		-0.557	
Benzo(g,h,i)perylene	1.080	1.083		0.278	
1,2,4,5-Tetrachlorobenzene	0.586	0.550		-6.143	
1,4-Dioxane	0.639	0.570		-10.798	20.0
2,3,4,6-Tetrachlorophenol	0.307	0.368		19.87	
1-Methylnaphthalene	0.703	0.693		-1.422	

All other compounds must meet a minimum RRF of 0.010.

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Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP082024 SAS No.: BP082024 SDG No.: BP082024

Instrument ID: BNA_P Calibration Date/Time: 8/21/2024 1:03:27

Lab File ID: BP021590.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	0.418		-22.015	50.0
Pyridine	1.783	1.321		-25.911	50.0
2-Fluorophenol	1.347	1.172		-12.992	50.0
Benzaldehyde	1.258	1.307		3.895	50.0
Aniline	1.964	1.520		-22.607	50.0
Phenol-d6	1.965	1.689		-14.046	50.0
Phenol	2.035	1.716		-15.676	50.0
bis(2-Chloroethyl)ether	1.722	1.329		-22.822	50.0
2-Chlorophenol	1.245	1.145		-8.032	50.0
1,2-Dichlorobenzene	1.439	1.221		-15.149	50.0
1,3-Dichlorobenzene	1.479	1.258		-14.943	50.0
1,4-Dichlorobenzene	1.493	1.279		-14.334	50.0
Benzyl Alcohol	1.410	1.163		-17.518	50.0
2-Methylphenol	1.286	1.122		-12.753	50.0
2,2-oxybis(1-Chloropropane)	1.585	1.218		-23.155	50.0
Acetophenone	0.614	0.492		-19.87	50.0
3+4-Methylphenols	1.734	1.561		-9.977	50.0
n-Nitroso-di-n-propylamine	1.357	0.942	0.050	-30.582	50.0
Nitrobenzene-d5	0.387	0.362		-6.46	50.0
Hexachloroethane	0.599	0.485		-19.032	50.0
Nitrobenzene	0.421	0.365		-13.302	50.0
Isophorone	0.915	0.665		-27.322	50.0
2-Nitrophenol	0.086	0.139		61.628	50.0
2,4-Dimethylphenol	0.226	0.188		-16.814	50.0
bis(2-Chloroethoxy)methane	0.559	0.423		-24.329	50.0
2,4-Dichlorophenol	0.267	0.259		-2.996	50.0
1,2,4-Trichlorobenzene	0.342	0.289		-15.497	50.0
Benzoic acid	0.137	0.235		71.533	50.0
Naphthalene	1.045	0.882		-15.598	50.0
4-Chloroaniline	0.392	0.336		-14.286	50.0
Hexachlorobutadiene	0.215	0.179		-16.744	50.0
Caprolactam	0.111	0.107		-3.604	50.0
4-Chloro-3-methylphenol	0.370	0.348		-5.946	50.0
2-Methylnaphthalene	0.713	0.593		-16.83	50.0
Hexachlorocyclopentadiene	0.186	0.089	0.050	-52.151	50.0
2,4,6-Trichlorophenol	0.326	0.328		0.613	50.0
2-Fluorobiphenyl	1.310	1.060		-19.084	50.0
2,4,5-Trichlorophenol	0.362	0.370		2.21	50.0
1,1-Biphenyl	1.415	1.185		-16.254	50.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP082024 SAS No.: BP082024 SDG No.: BP082024

Instrument ID: BNA_P Calibration Date/Time: 8/21/2024 1:03:27

Lab File ID: BP021590.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
2-Chloronaphthalene	1.102	0.931		-15.517	50.0
2-Nitroaniline	0.256	0.312		21.875	50.0
Dimethylphthalate	1.339	1.138		-15.011	50.0
Acenaphthylene	1.619	1.398		-13.65	50.0
2,6-Dinitrotoluene	0.232	0.261		12.5	50.0
3-Nitroaniline	0.228	0.283		24.123	50.0
Acenaphthene	1.063	0.917		-13.735	50.0
2,4-Dinitrophenol	0.069	0.064	0.050	-7.246	50.0
4-Nitrophenol	0.195	0.250	0.050	28.205	50.0
Dibenzofuran	1.635	1.425		-12.844	50.0
2,4-Dinitrotoluene	0.284	0.370		30.282	50.0
Diethylphthalate	1.374	1.169		-14.92	50.0
4-Chlorophenyl-phenylether	0.694	0.566		-18.444	50.0
Fluorene	1.343	1.138		-15.264	50.0
4-Nitroaniline	0.241	0.295		22.407	50.0
4,6-Dinitro-2-methylphenol	0.054	0.046		-14.815	50.0
n-Nitrosodiphenylamine	0.536	0.431		-19.59	50.0
Azobenzene	1.689	1.272		-24.689	50.0
2,4,6-Tribromophenol	0.223	0.236		5.83	50.0
4-Bromophenyl-phenylether	0.212	0.171		-19.34	50.0
Hexachlorobenzene	0.250	0.205		-18.0	50.0
Atrazine	0.184	0.119		-35.326	50.0
Pentachlorophenol	0.137	0.143		4.38	50.0
Phenanthrene	0.962	0.830		-13.721	50.0
Anthracene	0.943	0.813		-13.786	50.0
Carbazole	0.909	0.801		-11.881	50.0
Di-n-butylphthalate	1.116	0.950		-14.875	50.0
Fluoranthene	1.180	1.044		-11.525	50.0
Benzidine	0.420	0.257		-38.81	50.0
Pyrene	1.307	1.165		-10.865	50.0
Terphenyl-d14	1.029	0.832		-19.145	50.0
Butylbenzylphthalate	0.437	0.472		8.009	50.0
3,3-Dichlorobenzidine	0.403	0.396		-1.737	50.0
Benzo(a)anthracene	1.256	1.075		-14.411	50.0
Chrysene	1.185	1.014		-14.43	50.0
Bis(2-ethylhexyl)phthalate	0.742	0.679		-8.491	50.0
Di-n-octyl phthalate	1.199	1.190		-0.751	50.0
Benzo(b)fluoranthene	1.149	0.975		-15.144	50.0
Benzo(k)fluoranthene	1.121	0.913		-18.555	50.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP082024 SAS No.: BP082024 SDG No.: BP082024

Instrument ID: BNA_P Calibration Date/Time: 8/21/2024 1:03:27

Lab File ID: BP021590.D Init. Calib. Date(s): _____

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

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Benzo(a)pyrene	0.997	0.855		-14.243	50.0
Indeno(1,2,3-cd)pyrene	1.296	1.125		-13.194	50.0
Dibenzo(a,h)anthracene	1.077	0.922		-14.392	50.0
Benzo(g,h,i)perylene	1.080	0.952		-11.852	50.0
1,2,4,5-Tetrachlorobenzene	0.586	0.496		-15.358	50.0
1,4-Dioxane	0.639	0.453		-29.108	50.0
2,3,4,6-Tetrachlorophenol	0.307	0.322		4.886	50.0
1-Methylnaphthalene	0.703	0.590		-16.074	50.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	8/19/2024 12:00:00 AM
Project:		Date Received:	8/19/2024 12:00:00 AM
Client Sample ID:	PB162822BL	SDG No.:	BP082024
Lab Sample ID:	PB162822BL	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
BP021567.D	1	8/19/2024 12:00:00 AM	8/20/2024 12:00:00 AM	PB162822

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:	8/19/2024 12:00:00 AM
Project:		Date Received:	8/19/2024 12:00:00 AM
Client Sample ID:	PB162822BL	SDG No.:	BP082024
Lab Sample ID:	PB162822BL	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
BP021567.D	1	8/19/2024 12:00:00 AM	8/20/2024 12:00:00 AM	PB162822

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:	8/19/2024 12:00:00 AM
Project:		Date Received:	8/19/2024 12:00:00 AM
Client Sample ID:	PB162822BL	SDG No.:	BP082024
Lab Sample ID:	PB162822BL	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
BP021567.D	1	8/19/2024 12:00:00 AM	8/20/2024 12:00:00 AM	PB162822

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	130.307		10-139		87	SPK: -150
13127-88-3	Phenol-d6	119.556		10-134		80	SPK: -150
4165-60-0	Nitrobenzene-d5	90.539		49-133		91	SPK: -100
321-60-8	2-Fluorobiphenyl	78.745		52-132		79	SPK: -100

Report of Analysis

Client:		Date Collected:	8/19/2024 12:00:00 AM
Project:		Date Received:	8/19/2024 12:00:00 AM
Client Sample ID:	PB162822BL	SDG No.:	BP082024
Lab Sample ID:	PB162822BL	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
BP021567.D	1	8/19/2024 12:00:00 AM	8/20/2024 12:00:00 AM	PB162822

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	157.991		44-137		105	SPK: -150
1718-51-0	Terphenyl-d14	82.358		48-125		82	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	385209	7.805				
1146-65-2	Naphthalene-d8	1560541	10.593				
15067-26-2	Acenaphthene-d10	1021934	14.445				
1517-22-2	Phenanthrene-d10	2408801	17.257				
1719-03-5	Chrysene-d12	2576176	21.722				
1520-96-3	Perylene-d12	2892860	25.18				
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	4.8	A			4.94	

Report of Analysis

Client:		Date Collected:	8/19/2024 12:00:00 AM
Project:		Date Received:	8/19/2024 12:00:00 AM
Client Sample ID:	PB162822BS	SDG No.:	BP082024
Lab Sample ID:	PB162822BS	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
BP021568.D	1	8/19/2024 12:00:00 AM	8/20/2024 12:00:00 AM	PB162822

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	42.4		1	8	10	ug/L
110-86-1	Pyridine	28.7		1.6	4	5	ug/L
100-52-7	Benzaldehyde	16.8		4	8	10	ug/L
62-53-3	Aniline	27.9		1.6	4	5	ug/L
108-95-2	Phenol	48.8		0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	42		1.2	4	5	ug/L
95-57-8	2-Chlorophenol	53.1		0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	44.3		0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	43.8		0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	44.1		0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	47.8		1.6	8	10	ug/L
95-48-7	2-Methylphenol	49.7		1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	42.8		1.4	4	5	ug/L
98-86-2	Acetophenone	39.8		1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	51.5		1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	38.5		1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	45.4		1	4	5	ug/L
98-95-3	Nitrobenzene	44.7		1.3	4	5	ug/L
78-59-1	Isophorone	40.9		1.1	4	5	ug/L
88-75-5	2-Nitrophenol	63.2		2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	53.8		1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	42.1		1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	56		0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	43.6		1.1	4	5	ug/L
65-85-0	Benzoic acid	69.2		5.5	8	10	ug/L
91-20-3	Naphthalene	43.9		1	4	5	ug/L
106-47-8	4-Chloroaniline	28.2		1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	41.5		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	8/19/2024 12:00:00 AM
Project:		Date Received:	8/19/2024 12:00:00 AM
Client Sample ID:	PB162822BS	SDG No.:	BP082024
Lab Sample ID:	PB162822BS	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
BP021568.D	1	8/19/2024 12:00:00 AM	8/20/2024 12:00:00 AM	PB162822

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	51.4		1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	53.3		0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	44.8		1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	120	E	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	57.1		0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	55.3		1	4	5	ug/L
92-52-4	1,1-Biphenyl	40.7		0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	43.9		0.97	4	5	ug/L
88-74-4	2-Nitroaniline	54.6		1.4	4	5	ug/L
131-11-3	Dimethylphthalate	47.9		0.93	4	5	ug/L
208-96-8	Acenaphthylene	48.9		1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	52		1.2	4	5	ug/L
99-09-2	3-Nitroaniline	43.5		1.4	4	5	ug/L
83-32-9	Acenaphthene	51.6		0.81	4	5	ug/L
Total PAH	Total PAH	788.1		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	120	E	2	8	10	ug/L
132-64-9	Dibenzofuran	45.7		0.93	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	10.1		2.7	4	10	ug/L
121-14-2	2,4-Dinitrotoluene	58.1		1.5	4	5	ug/L
84-66-2	Diethylphthalate	47.6		1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	43.2		0.98	4	5	ug/L
86-73-7	Fluorene	43.7		0.96	4	5	ug/L
100-01-6	4-Nitroaniline	53.4		2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	70.6		3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	46.2		0.89	4	5	ug/L
103-33-3	Azobenzene	41.8		1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	45		0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	44.5		1.1	4	5	ug/L
1912-24-9	Atrazine	43.6		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	8/19/2024 12:00:00 AM
Project:		Date Received:	8/19/2024 12:00:00 AM
Client Sample ID:	PB162822BS	SDG No.:	BP082024
Lab Sample ID:	PB162822BS	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
BP021568.D	1	8/19/2024 12:00:00 AM	8/20/2024 12:00:00 AM	PB162822

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	110	E	1.9	8	10	ug/L
85-01-8	Phenanthrene	46.6		0.89	4	5	ug/L
120-12-7	Anthracene	47.6		1.1	4	5	ug/L
86-74-8	Carbazole	47.8		1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	48.4		1.5	4	5	ug/L
206-44-0	Fluoranthene	46.1		1.3	4	5	ug/L
92-87-5	Benzidine	27.9		4.1	8	10	ug/L
129-00-0	Pyrene	48.5		1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	54.6		2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	44.2		1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	47.9		0.94	4	5	ug/L
218-01-9	Chrysene	48		0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	54.2		1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	52.8		2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	51.7		1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	50.4		1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	54.3		1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	54.2		1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	53.3		1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	51.4		1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	40.8		1.1	4	5	ug/L
123-91-1	1,4-Dioxane	28.5		1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	59.4		0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	42.7		0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	139.062		10-139		93	SPK: -150
13127-88-3	Phenol-d6	130.771		10-134		87	SPK: -150
4165-60-0	Nitrobenzene-d5	93.712		49-133		94	SPK: -100
321-60-8	2-Fluorobiphenyl	79.575		52-132		80	SPK: -100

Report of Analysis

Client:		Date Collected:	8/19/2024 12:00:00 AM
Project:		Date Received:	8/19/2024 12:00:00 AM
Client Sample ID:	PB162822BS	SDG No.:	BP082024
Lab Sample ID:	PB162822BS	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
BP021568.D	1	8/19/2024 12:00:00 AM	8/20/2024 12:00:00 AM	PB162822

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	157.161		44-137		105	SPK: -150
1718-51-0	Terphenyl-d14	85.222		48-125		85	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	494651	7.81				
1146-65-2	Naphthalene-d8	2073175	10.599				
15067-26-2	Acenaphthene-d10	1389376	14.451				
1517-22-2	Phenanthrene-d10	3038381	17.257				
1719-03-5	Chrysene-d12	2684396	21.727				
1520-96-3	Perylene-d12	2880701	25.168				

Report of Analysis

Client:		Date Collected:	8/19/2024 12:00:00 AM
Project:		Date Received:	8/19/2024 12:00:00 AM
Client Sample ID:	PB162822BSD	SDG No.:	BP082024
Lab Sample ID:	PB162822BSD	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
BP021569.D	1	8/19/2024 12:00:00 AM	8/20/2024 12:00:00 AM	PB162822

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	42.5		1	8	10	ug/L
110-86-1	Pyridine	28.8		1.6	4	5	ug/L
100-52-7	Benzaldehyde	21.4		4	8	10	ug/L
62-53-3	Aniline	26.9		1.6	4	5	ug/L
108-95-2	Phenol	47.5		0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	41.6		1.2	4	5	ug/L
95-57-8	2-Chlorophenol	52.2		0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	44.1		0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	43.4		0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	43.8		0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	47		1.6	8	10	ug/L
95-48-7	2-Methylphenol	48.7		1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	42.3		1.4	4	5	ug/L
98-86-2	Acetophenone	39.6		1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	50.1		1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	37.5		1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	44.9		1	4	5	ug/L
98-95-3	Nitrobenzene	44.7		1.3	4	5	ug/L
78-59-1	Isophorone	40.2		1.1	4	5	ug/L
88-75-5	2-Nitrophenol	63.4		2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	53.2		1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	42		1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	55		0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	43.2		1.1	4	5	ug/L
65-85-0	Benzoic acid	69		5.5	8	10	ug/L
91-20-3	Naphthalene	43.7		1	4	5	ug/L
106-47-8	4-Chloroaniline	28.3		1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	41.6		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	8/19/2024 12:00:00 AM
Project:		Date Received:	8/19/2024 12:00:00 AM
Client Sample ID:	PB162822BSD	SDG No.:	BP082024
Lab Sample ID:	PB162822BSD	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
BP021569.D	1	8/19/2024 12:00:00 AM	8/20/2024 12:00:00 AM	PB162822

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	50.5		1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	52.3		0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	44.2		1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	110	E	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	57.4		0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	55.2		1	4	5	ug/L
92-52-4	1,1-Biphenyl	40.5		0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	43.9		0.97	4	5	ug/L
88-74-4	2-Nitroaniline	54.5		1.4	4	5	ug/L
131-11-3	Dimethylphthalate	47.9		0.93	4	5	ug/L
208-96-8	Acenaphthylene	49.4		1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	52.4		1.2	4	5	ug/L
99-09-2	3-Nitroaniline	44.6		1.4	4	5	ug/L
83-32-9	Acenaphthene	51.4		0.81	4	5	ug/L
Total PAH	Total PAH	789		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	46.3		0.93	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	10.2		2.7	4	10	ug/L
121-14-2	2,4-Dinitrotoluene	57.8		1.5	4	5	ug/L
84-66-2	Diethylphthalate	47		1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	43		0.98	4	5	ug/L
86-73-7	Fluorene	43.6		0.96	4	5	ug/L
100-01-6	4-Nitroaniline	52.6		2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	70.7		3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	47.1		0.89	4	5	ug/L
103-33-3	Azobenzene	41.5		1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	45.3		0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	45		1.1	4	5	ug/L
1912-24-9	Atrazine	44.5		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	8/19/2024 12:00:00 AM
Project:		Date Received:	8/19/2024 12:00:00 AM
Client Sample ID:	PB162822BSD	SDG No.:	BP082024
Lab Sample ID:	PB162822BSD	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
BP021569.D	1	8/19/2024 12:00:00 AM	8/20/2024 12:00:00 AM	PB162822

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	110	E	1.9	8	10	ug/L
85-01-8	Phenanthrene	47.6		0.89	4	5	ug/L
120-12-7	Anthracene	48.7		1.1	4	5	ug/L
86-74-8	Carbazole	48.9		1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	48.1		1.5	4	5	ug/L
206-44-0	Fluoranthene	46.4		1.3	4	5	ug/L
92-87-5	Benzidine	28.3		4.1	8	10	ug/L
129-00-0	Pyrene	48		1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	54		2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	45.7		1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	48.7		0.94	4	5	ug/L
218-01-9	Chrysene	48.8		0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	53.5		1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	52.6		2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	49.6		1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	51		1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	54		1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	53.9		1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	53.3		1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	50.9		1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	40.5		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	58.6		0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	42		0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	136.932		10-139		91	SPK: -150
13127-88-3	Phenol-d6	127.814		10-134		85	SPK: -150
4165-60-0	Nitrobenzene-d5	92.973		49-133		93	SPK: -100
321-60-8	2-Fluorobiphenyl	80.212		52-132		80	SPK: -100

Report of Analysis

Client:		Date Collected:	8/19/2024 12:00:00 AM
Project:		Date Received:	8/19/2024 12:00:00 AM
Client Sample ID:	PB162822BSD	SDG No.:	BP082024
Lab Sample ID:	PB162822BSD	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
BP021569.D	1	8/19/2024 12:00:00 AM	8/20/2024 12:00:00 AM	PB162822

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	153.843		44-137		103	SPK: -150
1718-51-0	Terphenyl-d14	88.694		48-125		89	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	491039	7.805				
1146-65-2	Naphthalene-d8	2018197	10.593				
15067-26-2	Acenaphthene-d10	1318739	14.457				
1517-22-2	Phenanthrene-d10	2796133	17.269				
1719-03-5	Chrysene-d12	2515502	21.739				
1520-96-3	Perylene-d12	2791666	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:	RW7-SP100-20240814	SDG No.:	BP082024
Lab Sample ID:	P3650-01	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021570.D	1	8/19/2024 12:00:00 AM	8/20/2024 12:00:00 AM	PB162822

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:	RW7-SP100-20240814	SDG No.:	BP082024
Lab Sample ID:	P3650-01	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
BP021570.D	1	8/19/2024 12:00:00 AM	8/20/2024 12:00:00 AM	PB162822

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	4.1	J	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:	RW7-SP100-20240814	SDG No.:	BP082024
Lab Sample ID:	P3650-01	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
BP021570.D	1	8/19/2024 12:00:00 AM	8/20/2024 12:00:00 AM	PB162822

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	7		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	3.5	J	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	5.2		1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.79	U	0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	0.86	U	0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	49.696		10-139		33	SPK: -150
13127-88-3	Phenol-d6	27.849		10-134		19	SPK: -150
4165-60-0	Nitrobenzene-d5	94.637		49-133		95	SPK: -100
321-60-8	2-Fluorobiphenyl	79.176		52-132		79	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:	RW7-SP100-20240814	SDG No.:	BP082024
Lab Sample ID:	P3650-01	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
BP021570.D	1	8/19/2024 12:00:00 AM	8/20/2024 12:00:00 AM	PB162822

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	165.289		44-137		110	SPK: -150
1718-51-0	Terphenyl-d14	89.101		48-125		89	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	340744	7.805				
1146-65-2	Naphthalene-d8	1371434	10.593				
15067-26-2	Acenaphthene-d10	924143	14.451				
1517-22-2	Phenanthrene-d10	2078342	17.263				
1719-03-5	Chrysene-d12	2108915	21.727				
1520-96-3	Perylene-d12	2476983	25.162				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	150	J			3.028	
024851-98-7	Cyclopentaneacetic acid, 3-oxo-2-p	2	J			15.839	
000057-10-3	n-Hexadecanoic acid	15.1	J			18.216	
000112-80-1	Oleic Acid	2.1	J			19.41	
000057-11-4	Octadecanoic acid	4.4	J			19.545	

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:	RW7-SP303-20240814	SDG No.:	BP082024
Lab Sample ID:	P3650-04	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
BP021571.D	1	8/19/2024 12:00:00 AM	8/20/2024 12:00:00 AM	PB162822

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:	RW7-SP303-20240814	SDG No.:	BP082024
Lab Sample ID:	P3650-04	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
BP021571.D	1	8/19/2024 12:00:00 AM	8/20/2024 12:00:00 AM	PB162822

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	2.9	J	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:	RW7-SP303-20240814	SDG No.:	BP082024
Lab Sample ID:	P3650-04	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
BP021571.D	1	8/19/2024 12:00:00 AM	8/20/2024 12:00:00 AM	PB162822

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	4.9	J	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	2.8	J	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	46.965		10-139		31	SPK: -150
13127-88-3	Phenol-d6	26.01		10-134		17	SPK: -150
4165-60-0	Nitrobenzene-d5	91.513		49-133		92	SPK: -100
321-60-8	2-Fluorobiphenyl	78.422		52-132		78	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:	RW7-SP303-20240814	SDG No.:	BP082024
Lab Sample ID:	P3650-04	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
BP021571.D	1	8/19/2024 12:00:00 AM	8/20/2024 12:00:00 AM	PB162822

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	166.382		44-137		111	SPK: -150
1718-51-0	Terphenyl-d14	92.176		48-125		92	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	346806	7.805				
1146-65-2	Naphthalene-d8	1368188	10.593				
15067-26-2	Acenaphthene-d10	903455	14.451				
1517-22-2	Phenanthrene-d10	2083312	17.263				
1719-03-5	Chrysene-d12	2117320	21.733				
1520-96-3	Perylene-d12	2525469	25.174				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	150	J			3.029	
000057-10-3	n-Hexadecanoic acid	3.5	J			18.21	

Report of Analysis

Client:		Date Collected:	8/8/2024 12:00:00 AM
Project:		Date Received:	8/8/2024 12:00:00 AM
Client Sample ID:	OU4-TS-17-080724RE	SDG No.:	BP082024
Lab Sample ID:	P3519-03RE	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	28.5
Sample Wt/Vol:	30.09	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
BP021572.D	1	8/9/2024 12:00:00 AM	8/20/2024 12:00:00 AM	PB162602

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	120	U	120	380	460	ug/Kg
110-86-1	Pyridine	110	U	110	180	240	ug/Kg
100-52-7	Benzaldehyde	250	U	250	380	460	ug/Kg
62-53-3	Aniline	140	U	140	180	240	ug/Kg
108-95-2	Phenol	120	U	120	180	240	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	120	U	120	180	240	ug/Kg
95-57-8	2-Chlorophenol	120	U	120	180	240	ug/Kg
95-50-1	1,2-Dichlorobenzene	120	U	120	180	240	ug/Kg
541-73-1	1,3-Dichlorobenzene	120	U	120	180	240	ug/Kg
106-46-7	1,4-Dichlorobenzene	120	U	120	180	240	ug/Kg
100-51-6	Benzyl Alcohol	120	U	120	380	460	ug/Kg
95-48-7	2-Methylphenol	110	U	110	180	240	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	130	U	130	180	240	ug/Kg
98-86-2	Acetophenone	120	U	120	180	240	ug/Kg
65794-96-9	3+4-Methylphenols	110	U	110	380	460	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	56.2	U	56.2	110	110	ug/Kg
67-72-1	Hexachloroethane	120	U	120	180	240	ug/Kg
98-95-3	Nitrobenzene	130	U	130	180	240	ug/Kg
78-59-1	Isophorone	120	U	120	180	240	ug/Kg
88-75-5	2-Nitrophenol	130	U	130	180	240	ug/Kg
105-67-9	2,4-Dimethylphenol	130	U	130	180	240	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	120	U	120	180	240	ug/Kg
120-83-2	2,4-Dichlorophenol	110	U	110	180	240	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	120	U	120	180	240	ug/Kg
65-85-0	Benzoic acid	330	U	330	380	460	ug/Kg
91-20-3	Naphthalene	120	U	120	180	240	ug/Kg
106-47-8	4-Chloroaniline	120	U	120	180	240	ug/Kg
87-68-3	Hexachlorobutadiene	120	U	120	180	240	ug/Kg

Report of Analysis

Client:		Date Collected:	8/8/2024 12:00:00 AM
Project:		Date Received:	8/8/2024 12:00:00 AM
Client Sample ID:	OU4-TS-17-080724RE	SDG No.:	BP082024
Lab Sample ID:	P3519-03RE	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	28.5
Sample Wt/Vol:	30.09	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
BP021572.D	1	8/9/2024 12:00:00 AM	8/20/2024 12:00:00 AM	PB162602

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	120	U	120	380	460	ug/Kg
59-50-7	4-Chloro-3-methylphenol	110	U	110	180	240	ug/Kg
91-57-6	2-Methylnaphthalene	120	U	120	180	240	ug/Kg
77-47-4	Hexachlorocyclopentadiene	220	U	220	380	460	ug/Kg
88-06-2	2,4,6-Trichlorophenol	99.6	U	99.6	180	240	ug/Kg
95-95-4	2,4,5-Trichlorophenol	100	U	100	180	240	ug/Kg
92-52-4	1,1-Biphenyl	120	U	120	180	240	ug/Kg
91-58-7	2-Chloronaphthalene	120	U	120	180	240	ug/Kg
88-74-4	2-Nitroaniline	130	U	130	180	240	ug/Kg
131-11-3	Dimethylphthalate	110	U	110	180	240	ug/Kg
208-96-8	Acenaphthylene	120	U	120	180	240	ug/Kg
606-20-2	2,6-Dinitrotoluene	120	U	120	180	240	ug/Kg
99-09-2	3-Nitroaniline	120	U	120	180	240	ug/Kg
83-32-9	Acenaphthene	110	U	110	180	240	ug/Kg
Total PAH	Total PAH	3190	U	1850	180	3840	ug/Kg
51-28-5	2,4-Dinitrophenol	340	U	340	380	460	ug/Kg
100-02-7	4-Nitrophenol	160	U	160	380	460	ug/Kg
132-64-9	Dibenzofuran	120	U	120	180	240	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	240	U	240	180	480	ug/Kg
121-14-2	2,4-Dinitrotoluene	120	U	120	180	240	ug/Kg
84-66-2	Diethylphthalate	110	J	110	180	240	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	120	U	120	180	240	ug/Kg
86-73-7	Fluorene	120	U	120	180	240	ug/Kg
100-01-6	4-Nitroaniline	150	U	150	180	240	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	160	U	160	380	460	ug/Kg
86-30-6	n-Nitrosodiphenylamine	110	U	110	180	240	ug/Kg
103-33-3	Azobenzene	110	U	110	180	240	ug/Kg
101-55-3	4-Bromophenyl-phenylether	110	U	110	180	240	ug/Kg
118-74-1	Hexachlorobenzene	120	U	120	180	240	ug/Kg
1912-24-9	Atrazine	130	U	130	180	240	ug/Kg

Report of Analysis

Client:		Date Collected:	8/8/2024 12:00:00 AM
Project:		Date Received:	8/8/2024 12:00:00 AM
Client Sample ID:	OU4-TS-17-080724RE	SDG No.:	BP082024
Lab Sample ID:	P3519-03RE	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	28.5
Sample Wt/Vol:	30.09	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
BP021572.D	1	8/9/2024 12:00:00 AM	8/20/2024 12:00:00 AM	PB162602

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	110	U	110	380	460	ug/Kg
85-01-8	Phenanthrene	440		120	180	240	ug/Kg
120-12-7	Anthracene	120	J	120	180	240	ug/Kg
86-74-8	Carbazole	110	U	110	180	240	ug/Kg
84-74-2	Di-n-butylphthalate	160	J	120	180	240	ug/Kg
206-44-0	Fluoranthene	620		110	180	240	ug/Kg
92-87-5	Benzidine	230	U	230	380	460	ug/Kg
129-00-0	Pyrene	520		120	180	240	ug/Kg
85-68-7	Butylbenzylphthalate	130	U	130	180	240	ug/Kg
91-94-1	3,3-Dichlorobenzidine	140	U	140	380	460	ug/Kg
56-55-3	Benzo(a)anthracene	270		110	180	240	ug/Kg
218-01-9	Chrysene	280		110	180	240	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	130	U	130	180	240	ug/Kg
117-84-0	Di-n-octyl phthalate	150	U	150	380	460	ug/Kg
205-99-2	Benzo(b)fluoranthene	330		110	180	240	ug/Kg
207-08-9	Benzo(k)fluoranthene	120	U	120	180	240	ug/Kg
50-32-8	Benzo(a)pyrene	290		130	180	240	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	150	J	110	180	240	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	110	U	110	180	240	ug/Kg
191-24-2	Benzo(g,h,i)perylene	170	J	110	180	240	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	120	U	120	180	240	ug/Kg
123-91-1	1,4-Dioxane	150	U	150	180	240	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	100	U	100	180	240	ug/Kg
90-12-0	1-Methylnaphthalene	120	U	120	240	240	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	75.934		18-112		51	SPK: -150
13127-88-3	Phenol-d6	73.292		15-107		49	SPK: -150
4165-60-0	Nitrobenzene-d5	54.333		18-107		54	SPK: -100
321-60-8	2-Fluorobiphenyl	41.074		20-109		41	SPK: -100

Report of Analysis

Client:		Date Collected:	8/8/2024 12:00:00 AM
Project:		Date Received:	8/8/2024 12:00:00 AM
Client Sample ID:	OU4-TS-17-080724RE	SDG No.:	BP082024
Lab Sample ID:	P3519-03RE	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	28.5
Sample Wt/Vol:	30.09 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
BP021572.D	1	8/9/2024 12:00:00 AM	8/20/2024 12:00:00 AM	PB162602

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	87.459		10-116		58	SPK: -150
1718-51-0	Terphenyl-d14	37.757		10-105		38	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	390276	7.804				
1146-65-2	Naphthalene-d8	1600137	10.593				
15067-26-2	Acenaphthene-d10	1017042	14.451				
1517-22-2	Phenanthrene-d10	2211502	17.263				
1719-03-5	Chrysene-d12	2111862	21.733				
1520-96-3	Perylene-d12	2511747	25.174				

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:	PB162631BL	SDG No.:	BP082024
Lab Sample ID:	PB162631BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021576.D	1	8/10/2024 12:00:00 AM	8/20/2024 12:00:00 AM	PB162631

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	86.7	U	86.7	270	330	ug/Kg
110-86-1	Pyridine	79.8	U	79.8	130	170	ug/Kg
100-52-7	Benzaldehyde	180	U	180	270	330	ug/Kg
62-53-3	Aniline	96.8	U	96.8	130	170	ug/Kg
108-95-2	Phenol	82.8	U	82.8	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	83.6	U	83.6	130	170	ug/Kg
95-57-8	2-Chlorophenol	83.4	U	83.4	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	84.5	U	84.5	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	85.9	U	85.9	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	86.4	U	86.4	130	170	ug/Kg
100-51-6	Benzyl Alcohol	82.9	U	82.9	270	330	ug/Kg
95-48-7	2-Methylphenol	80.5	U	80.5	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	90.8	U	90.8	130	170	ug/Kg
98-86-2	Acetophenone	86.8	U	86.8	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	79.7	U	79.7	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	40.3	U	40.3	79.9	79.9	ug/Kg
67-72-1	Hexachloroethane	82.9	U	82.9	130	170	ug/Kg
98-95-3	Nitrobenzene	90.7	U	90.7	130	170	ug/Kg
78-59-1	Isophorone	84.5	U	84.5	130	170	ug/Kg
88-75-5	2-Nitrophenol	94.4	U	94.4	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	93.1	U	93.1	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	85.7	U	85.7	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	75.4	U	75.4	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	85.3	U	85.3	130	170	ug/Kg
65-85-0	Benzoic acid	240	U	240	270	330	ug/Kg
91-20-3	Naphthalene	82.5	U	82.5	130	170	ug/Kg
106-47-8	4-Chloroaniline	82.5	U	82.5	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	83.2	U	83.2	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:	PB162631BL	SDG No.:	BP082024
Lab Sample ID:	PB162631BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021576.D	1	8/10/2024 12:00:00 AM	8/20/2024 12:00:00 AM	PB162631

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	86.7	U	86.7	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	77.4	U	77.4	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	82.4	U	82.4	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	160	U	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	71.3	U	71.3	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	73.9	U	73.9	130	170	ug/Kg
92-52-4	1,1-Biphenyl	87.3	U	87.3	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	83.2	U	83.2	130	170	ug/Kg
88-74-4	2-Nitroaniline	94.9	U	94.9	130	170	ug/Kg
131-11-3	Dimethylphthalate	81.6	U	81.6	130	170	ug/Kg
208-96-8	Acenaphthylene	86.4	U	86.4	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	83.1	U	83.1	130	170	ug/Kg
99-09-2	3-Nitroaniline	89.1	U	89.1	130	170	ug/Kg
83-32-9	Acenaphthene	81	U	81	130	170	ug/Kg
Total PAH	Total PAH	1323.5	U	1323.5	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	240	U	240	270	330	ug/Kg
100-02-7	4-Nitrophenol	120	U	120	270	330	ug/Kg
132-64-9	Dibenzofuran	84.3	U	84.3	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	169.2	U	169.2	130	340	ug/Kg
121-14-2	2,4-Dinitrotoluene	86.1	U	86.1	130	170	ug/Kg
84-66-2	Diethylphthalate	80	U	80	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	85.5	U	85.5	130	170	ug/Kg
86-73-7	Fluorene	85.4	U	85.4	130	170	ug/Kg
100-01-6	4-Nitroaniline	110	U	110	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	120	U	120	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	81.5	U	81.5	130	170	ug/Kg
103-33-3	Azobenzene	79.5	U	79.5	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	78.8	U	78.8	130	170	ug/Kg
118-74-1	Hexachlorobenzene	84.9	U	84.9	130	170	ug/Kg
1912-24-9	Atrazine	91.3	U	91.3	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:	PB162631BL	SDG No.:	BP082024
Lab Sample ID:	PB162631BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021576.D	1	8/10/2024 12:00:00 AM	8/20/2024 12:00:00 AM	PB162631

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	77.2	U	77.2	270	330	ug/Kg
85-01-8	Phenanthrene	83.9	U	83.9	130	170	ug/Kg
120-12-7	Anthracene	84.3	U	84.3	130	170	ug/Kg
86-74-8	Carbazole	80.2	U	80.2	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	84.2	U	84.2	130	170	ug/Kg
206-44-0	Fluoranthene	81.6	U	81.6	130	170	ug/Kg
92-87-5	Benzidine	160	U	160	270	330	ug/Kg
129-00-0	Pyrene	82.9	U	82.9	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	96.7	U	96.7	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	98.5	U	98.5	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	80.6	U	80.6	130	170	ug/Kg
218-01-9	Chrysene	79.4	U	79.4	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	90.9	U	90.9	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	110	U	110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	81	U	81	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	82.5	U	82.5	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	92.9	U	92.9	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	78	U	78	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	81.1	U	81.1	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	80	U	80	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	86.7	U	86.7	130	170	ug/Kg
123-91-1	1,4-Dioxane	110	U	110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	74.6	U	74.6	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	83.1	U	83.1	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	127.758		18-112		85	SPK: -150
13127-88-3	Phenol-d6	118.977		15-107		79	SPK: -150
4165-60-0	Nitrobenzene-d5	90.506		18-107		91	SPK: -100
321-60-8	2-Fluorobiphenyl	78.424		20-109		78	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:	PB162631BL	SDG No.:	BP082024
Lab Sample ID:	PB162631BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021576.D	1	8/10/2024 12:00:00 AM	8/20/2024 12:00:00 AM	PB162631

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	155.583		10-116		104	SPK: -150
1718-51-0	Terphenyl-d14	81.492		10-105		81	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	347992	7.805				
1146-65-2	Naphthalene-d8	1395533	10.593				
15067-26-2	Acenaphthene-d10	914555	14.457				
1517-22-2	Phenanthrene-d10	2162093	17.269				
1719-03-5	Chrysene-d12	2210458	21.722				
1520-96-3	Perylene-d12	2503158	25.174				
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	160	A			4.94	

Report of Analysis

Client:		Date Collected:	8/15/2024 12:00:00 AM
Project:		Date Received:	8/15/2024 12:00:00 AM
Client Sample ID:	924-K1-SD-0.5-1.0-081524	SDG No.:	BP082024
Lab Sample ID:	P3643-10	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	27.1
Sample Wt/Vol:	30.08	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
BP021577.D	1	8/16/2024 12:00:00 AM	8/20/2024 12:00:00 AM	PB162798

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	120	U	120	370	450	ug/Kg
110-86-1	Pyridine	110	U	110	180	230	ug/Kg
100-52-7	Benzaldehyde	250	U	250	370	450	ug/Kg
62-53-3	Aniline	130	U	130	180	230	ug/Kg
108-95-2	Phenol	110	U	110	180	230	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	110	U	110	180	230	ug/Kg
95-57-8	2-Chlorophenol	110	U	110	180	230	ug/Kg
95-50-1	1,2-Dichlorobenzene	120	U	120	180	230	ug/Kg
541-73-1	1,3-Dichlorobenzene	120	U	120	180	230	ug/Kg
106-46-7	1,4-Dichlorobenzene	120	U	120	180	230	ug/Kg
100-51-6	Benzyl Alcohol	110	U	110	370	450	ug/Kg
95-48-7	2-Methylphenol	110	U	110	180	230	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	120	U	120	180	230	ug/Kg
98-86-2	Acetophenone	120	U	120	180	230	ug/Kg
65794-96-9	3+4-Methylphenols	110	U	110	370	450	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	55.1	U	55.1	110	110	ug/Kg
67-72-1	Hexachloroethane	110	U	110	180	230	ug/Kg
98-95-3	Nitrobenzene	120	U	120	180	230	ug/Kg
78-59-1	Isophorone	120	U	120	180	230	ug/Kg
88-75-5	2-Nitrophenol	130	U	130	180	230	ug/Kg
105-67-9	2,4-Dimethylphenol	130	U	130	180	230	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	120	U	120	180	230	ug/Kg
120-83-2	2,4-Dichlorophenol	100	U	100	180	230	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	120	U	120	180	230	ug/Kg
65-85-0	Benzoic acid	320	U	320	370	450	ug/Kg
91-20-3	Naphthalene	110	U	110	180	230	ug/Kg
106-47-8	4-Chloroaniline	110	U	110	180	230	ug/Kg
87-68-3	Hexachlorobutadiene	110	U	110	180	230	ug/Kg

Report of Analysis

Client:		Date Collected:	8/15/2024 12:00:00 AM
Project:		Date Received:	8/15/2024 12:00:00 AM
Client Sample ID:	924-K1-SD-0.5-1.0-081524	SDG No.:	BP082024
Lab Sample ID:	P3643-10	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	27.1
Sample Wt/Vol:	30.08	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
BP021577.D	1	8/16/2024 12:00:00 AM	8/20/2024 12:00:00 AM	PB162798

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	120	U	120	370	450	ug/Kg
59-50-7	4-Chloro-3-methylphenol	110	U	110	180	230	ug/Kg
91-57-6	2-Methylnaphthalene	110	U	110	180	230	ug/Kg
77-47-4	Hexachlorocyclopentadiene	210	U	210	370	450	ug/Kg
88-06-2	2,4,6-Trichlorophenol	97.7	U	97.7	180	230	ug/Kg
95-95-4	2,4,5-Trichlorophenol	100	U	100	180	230	ug/Kg
92-52-4	1,1-Biphenyl	120	U	120	180	230	ug/Kg
91-58-7	2-Chloronaphthalene	110	U	110	180	230	ug/Kg
88-74-4	2-Nitroaniline	130	U	130	180	230	ug/Kg
131-11-3	Dimethylphthalate	110	U	110	180	230	ug/Kg
208-96-8	Acenaphthylene	120	U	120	180	230	ug/Kg
606-20-2	2,6-Dinitrotoluene	110	U	110	180	230	ug/Kg
99-09-2	3-Nitroaniline	120	U	120	180	230	ug/Kg
83-32-9	Acenaphthene	110	U	110	180	230	ug/Kg
Total PAH	Total PAH	1810	U	1810	180	3680	ug/Kg
51-28-5	2,4-Dinitrophenol	330	U	330	370	450	ug/Kg
100-02-7	4-Nitrophenol	160	U	160	370	450	ug/Kg
132-64-9	Dibenzofuran	120	U	120	180	230	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	230	U	230	180	460	ug/Kg
121-14-2	2,4-Dinitrotoluene	120	U	120	180	230	ug/Kg
84-66-2	Diethylphthalate	110	U	110	180	230	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	120	U	120	180	230	ug/Kg
86-73-7	Fluorene	120	U	120	180	230	ug/Kg
100-01-6	4-Nitroaniline	150	U	150	180	230	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	160	U	160	370	450	ug/Kg
86-30-6	n-Nitrosodiphenylamine	110	U	110	180	230	ug/Kg
103-33-3	Azobenzene	110	U	110	180	230	ug/Kg
101-55-3	4-Bromophenyl-phenylether	110	U	110	180	230	ug/Kg
118-74-1	Hexachlorobenzene	120	U	120	180	230	ug/Kg
1912-24-9	Atrazine	130	U	130	180	230	ug/Kg

Report of Analysis

Client:		Date Collected:	8/15/2024 12:00:00 AM
Project:		Date Received:	8/15/2024 12:00:00 AM
Client Sample ID:	924-K1-SD-0.5-1.0-081524	SDG No.:	BP082024
Lab Sample ID:	P3643-10	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	27.1
Sample Wt/Vol:	30.08	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
BP021577.D	1	8/16/2024 12:00:00 AM	8/20/2024 12:00:00 AM	PB162798

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	110	U	110	370	450	ug/Kg
85-01-8	Phenanthrene	110	U	110	180	230	ug/Kg
120-12-7	Anthracene	120	U	120	180	230	ug/Kg
86-74-8	Carbazole	110	U	110	180	230	ug/Kg
84-74-2	Di-n-butylphthalate	120	U	120	180	230	ug/Kg
206-44-0	Fluoranthene	110	U	110	180	230	ug/Kg
92-87-5	Benzidine	220	U	220	370	450	ug/Kg
129-00-0	Pyrene	110	U	110	180	230	ug/Kg
85-68-7	Butylbenzylphthalate	130	U	130	180	230	ug/Kg
91-94-1	3,3-Dichlorobenzidine	130	U	130	370	450	ug/Kg
56-55-3	Benzo(a)anthracene	110	U	110	180	230	ug/Kg
218-01-9	Chrysene	110	U	110	180	230	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	U	120	180	230	ug/Kg
117-84-0	Di-n-octyl phthalate	150	U	150	370	450	ug/Kg
205-99-2	Benzo(b)fluoranthene	110	U	110	180	230	ug/Kg
207-08-9	Benzo(k)fluoranthene	110	U	110	180	230	ug/Kg
50-32-8	Benzo(a)pyrene	130	U	130	180	230	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	110	U	110	180	230	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	110	U	110	180	230	ug/Kg
191-24-2	Benzo(g,h,i)perylene	110	U	110	180	230	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	120	U	120	180	230	ug/Kg
123-91-1	1,4-Dioxane	150	U	150	180	230	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	100	U	100	180	230	ug/Kg
90-12-0	1-Methylnaphthalene	110	U	110	230	230	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	95.459		18-112		64	SPK: -150
13127-88-3	Phenol-d6	90.853		15-107		61	SPK: -150
4165-60-0	Nitrobenzene-d5	67.315		18-107		67	SPK: -100
321-60-8	2-Fluorobiphenyl	52.68		20-109		53	SPK: -100

Report of Analysis

Client:		Date Collected:	8/15/2024 12:00:00 AM
Project:		Date Received:	8/15/2024 12:00:00 AM
Client Sample ID:	924-K1-SD-0.5-1.0-081524	SDG No.:	BP082024
Lab Sample ID:	P3643-10	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	27.1
Sample Wt/Vol:	30.08 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
BP021577.D	1	8/16/2024 12:00:00 AM	8/20/2024 12:00:00 AM	PB162798

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	108.289		10-116		72	SPK: -150
1718-51-0	Terphenyl-d14	52.571		10-105		53	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	277615	7.804				
1146-65-2	Naphthalene-d8	1104429	10.593				
15067-26-2	Acenaphthene-d10	726994	14.451				
1517-22-2	Phenanthrene-d10	1627467	17.263				
1719-03-5	Chrysene-d12	1759971	21.727				
1520-96-3	Perylene-d12	2065441	25.168				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	2600	J			3.028	
000057-55-6	Propylene Glycol	95.3	J			3.546	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	170	A			4.94	
000770-35-4	1-Phenoxypropan-2-ol	150	J			11.334	
	unknown14.687	880	J			14.687	
000057-10-3	n-Hexadecanoic acid	110	J			18.216	
001454-84-8	n-Nonadecanol-1	170	J			21.398	

Report of Analysis

Client:		Date Collected:	8/15/2024 12:00:00 AM
Project:		Date Received:	8/15/2024 12:00:00 AM
Client Sample ID:	921-J-SD-0.5-1.0-081524	SDG No.:	BP082024
Lab Sample ID:	P3643-12	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	15.2
Sample Wt/Vol:	30.05	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
BP021578.D	1	8/16/2024 12:00:00 AM	8/20/2024 12:00:00 AM	PB162798

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	100	U	100	320	390	ug/Kg
110-86-1	Pyridine	94.1	U	94.1	150	200	ug/Kg
100-52-7	Benzaldehyde	210	U	210	320	390	ug/Kg
62-53-3	Aniline	110	U	110	150	200	ug/Kg
108-95-2	Phenol	97.6	U	97.6	150	200	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	98.5	U	98.5	150	200	ug/Kg
95-57-8	2-Chlorophenol	98.3	U	98.3	150	200	ug/Kg
95-50-1	1,2-Dichlorobenzene	99.6	U	99.6	150	200	ug/Kg
541-73-1	1,3-Dichlorobenzene	100	U	100	150	200	ug/Kg
106-46-7	1,4-Dichlorobenzene	100	U	100	150	200	ug/Kg
100-51-6	Benzyl Alcohol	97.7	U	97.7	320	390	ug/Kg
95-48-7	2-Methylphenol	94.9	U	94.9	150	200	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	110	U	110	150	200	ug/Kg
98-86-2	Acetophenone	100	U	100	150	200	ug/Kg
65794-96-9	3+4-Methylphenols	93.9	U	93.9	320	390	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	47.4	U	47.4	94.2	94.2	ug/Kg
67-72-1	Hexachloroethane	97.7	U	97.7	150	200	ug/Kg
98-95-3	Nitrobenzene	110	U	110	150	200	ug/Kg
78-59-1	Isophorone	99.6	U	99.6	150	200	ug/Kg
88-75-5	2-Nitrophenol	110	U	110	150	200	ug/Kg
105-67-9	2,4-Dimethylphenol	110	U	110	150	200	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	100	U	100	150	200	ug/Kg
120-83-2	2,4-Dichlorophenol	88.9	U	88.9	150	200	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	100	U	100	150	200	ug/Kg
65-85-0	Benzoic acid	280	U	280	320	390	ug/Kg
91-20-3	Naphthalene	97.2	U	97.2	150	200	ug/Kg
106-47-8	4-Chloroaniline	97.2	U	97.2	150	200	ug/Kg
87-68-3	Hexachlorobutadiene	98.1	U	98.1	150	200	ug/Kg

Report of Analysis

Client:		Date Collected:	8/15/2024 12:00:00 AM
Project:		Date Received:	8/15/2024 12:00:00 AM
Client Sample ID:	921-J-SD-0.5-1.0-081524	SDG No.:	BP082024
Lab Sample ID:	P3643-12	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	15.2
Sample Wt/Vol:	30.05	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
BP021578.D	1	8/16/2024 12:00:00 AM	8/20/2024 12:00:00 AM	PB162798

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	100	U	100	320	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	91.2	U	91.2	150	200	ug/Kg
91-57-6	2-Methylnaphthalene	97.1	U	97.1	150	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	180	U	180	320	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	84.1	U	84.1	150	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	87.1	U	87.1	150	200	ug/Kg
92-52-4	1,1-Biphenyl	100	U	100	150	200	ug/Kg
91-58-7	2-Chloronaphthalene	98.1	U	98.1	150	200	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	150	200	ug/Kg
131-11-3	Dimethylphthalate	96.2	U	96.2	150	200	ug/Kg
208-96-8	Acenaphthylene	100	U	100	150	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	98	U	98	150	200	ug/Kg
99-09-2	3-Nitroaniline	110	U	110	150	200	ug/Kg
83-32-9	Acenaphthene	95.5	U	95.5	150	200	ug/Kg
Total PAH	Total PAH	1558	U	1558	150	3200	ug/Kg
51-28-5	2,4-Dinitrophenol	290	U	290	320	390	ug/Kg
100-02-7	4-Nitrophenol	140	U	140	320	390	ug/Kg
132-64-9	Dibenzofuran	99.4	U	99.4	150	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	100	U	100	150	200	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	98	U	198	150	400	ug/Kg
84-66-2	Diethylphthalate	94.3	U	94.3	150	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	100	U	100	150	200	ug/Kg
86-73-7	Fluorene	100	U	100	150	200	ug/Kg
100-01-6	4-Nitroaniline	130	U	130	150	200	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	140	U	140	320	390	ug/Kg
86-30-6	n-Nitrosodiphenylamine	96.1	U	96.1	150	200	ug/Kg
103-33-3	Azobenzene	93.7	U	93.7	150	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	92.9	U	92.9	150	200	ug/Kg
118-74-1	Hexachlorobenzene	100	U	100	150	200	ug/Kg
1912-24-9	Atrazine	110	U	110	150	200	ug/Kg



Client:				Date Collected:	8/15/2024 12:00:00 AM	
Project:				Date Received:	8/15/2024 12:00:00 AM	
Client Sample ID:	921-J-SD-0.5-1.0-081524			SDG No.:	BP082024	
Lab Sample ID:	P3643-12			Matrix:	Solid	
Analytical Method:	8270E			% Moisture:	15.2	
Sample Wt/Vol:	30.05	Units:	g	Final Vol:	1000	uL
Soil Aliquot Vol:			uL	Test:		
Extraction Type :	Decanted :			Level :	LOW	
Injection Volume :	GPC Factor :			GPC Cleanup :	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021578.D	1	8/16/2024 12:00:00 AM	8/20/2024 12:00:00 AM	PB162798

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	91	U	91	320	390	ug/Kg
85-01-8	Phenanthrene	98.9	U	98.9	150	200	ug/Kg
120-12-7	Anthracene	99.4	U	99.4	150	200	ug/Kg
86-74-8	Carbazole	94.5	U	94.5	150	200	ug/Kg
84-74-2	Di-n-butylphthalate	99.2	U	99.2	150	200	ug/Kg
206-44-0	Fluoranthene	96.2	U	96.2	150	200	ug/Kg
92-87-5	Benzidine	190	U	190	320	390	ug/Kg
129-00-0	Pyrene	97.7	U	97.7	150	200	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	150	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	120	U	120	320	390	ug/Kg
56-55-3	Benzo(a)anthracene	95	U	95	150	200	ug/Kg
218-01-9	Chrysene	93.6	U	93.6	150	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	150	200	ug/Kg
117-84-0	Di-n-octyl phthalate	130	U	130	320	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	95.5	U	95.5	150	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	97.2	U	97.2	150	200	ug/Kg
50-32-8	Benzo(a)pyrene	110	U	110	150	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	91.9	U	91.9	150	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	95.6	U	95.6	150	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	94.3	U	94.3	150	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	100	U	100	150	200	ug/Kg
123-91-1	1,4-Dioxane	130	U	130	150	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	87.9	U	87.9	150	200	ug/Kg
90-12-0	1-Methylnaphthalene	98	U	98	200	200	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	90.876		18-112		61	SPK: -150
13127-88-3	Phenol-d6	86.544		15-107		58	SPK: -150
4165-60-0	Nitrobenzene-d5	64.396		18-107		64	SPK: -100
321-60-8	2-Fluorobiphenyl	48.915		20-109		49	SPK: -100

Report of Analysis

Client:		Date Collected:	8/15/2024 12:00:00 AM
Project:		Date Received:	8/15/2024 12:00:00 AM
Client Sample ID:	921-J-SD-0.5-1.0-081524	SDG No.:	BP082024
Lab Sample ID:	P3643-12	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	15.2
Sample Wt/Vol:	30.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021578.D	1	8/16/2024 12:00:00 AM	8/20/2024 12:00:00 AM	PB162798

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	108.987		10-116		73	SPK: -150
1718-51-0	Terphenyl-d14	53.278		10-105		53	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	329707	7.804				
1146-65-2	Naphthalene-d8	1306124	10.593				
15067-26-2	Acenaphthene-d10	889174	14.457				
1517-22-2	Phenanthrene-d10	2054570	17.269				
1719-03-5	Chrysene-d12	2009910	21.733				
1520-96-3	Perylene-d12	2245132	25.168				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1900	J			3.028	
000057-55-6	Propylene Glycol	95.4	J			3.546	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	140	A			4.934	
000770-35-4	1-Phenoxypropan-2-ol	130	J			11.334	
	unknown14.681	430	J			14.681	
000057-10-3	n-Hexadecanoic acid	120	J			18.216	
001454-84-8	n-Nonadecanol-1	190	J			21.404	

Report of Analysis

Client:		Date Collected:	8/15/2024 12:00:00 AM
Project:		Date Received:	8/15/2024 12:00:00 AM
Client Sample ID:	921-K1-SD-0.5-1.0-081524-FD	SDG No.:	BP082024
Lab Sample ID:	P3643-14	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	27.2
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021579.D	1	8/16/2024 12:00:00 AM	8/20/2024 12:00:00 AM	PB162798

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	120	U	120	370	450	ug/Kg
110-86-1	Pyridine	110	U	110	180	230	ug/Kg
100-52-7	Benzaldehyde	250	U	250	370	450	ug/Kg
62-53-3	Aniline	130	U	130	180	230	ug/Kg
108-95-2	Phenol	110	U	110	180	230	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	110	U	110	180	230	ug/Kg
95-57-8	2-Chlorophenol	110	U	110	180	230	ug/Kg
95-50-1	1,2-Dichlorobenzene	120	U	120	180	230	ug/Kg
541-73-1	1,3-Dichlorobenzene	120	U	120	180	230	ug/Kg
106-46-7	1,4-Dichlorobenzene	120	U	120	180	230	ug/Kg
100-51-6	Benzyl Alcohol	110	U	110	370	450	ug/Kg
95-48-7	2-Methylphenol	110	U	110	180	230	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	120	U	120	180	230	ug/Kg
98-86-2	Acetophenone	120	U	120	180	230	ug/Kg
65794-96-9	3+4-Methylphenols	110	U	110	370	450	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	55.3	U	55.3	110	110	ug/Kg
67-72-1	Hexachloroethane	110	U	110	180	230	ug/Kg
98-95-3	Nitrobenzene	120	U	120	180	230	ug/Kg
78-59-1	Isophorone	120	U	120	180	230	ug/Kg
88-75-5	2-Nitrophenol	130	U	130	180	230	ug/Kg
105-67-9	2,4-Dimethylphenol	130	U	130	180	230	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	120	U	120	180	230	ug/Kg
120-83-2	2,4-Dichlorophenol	100	U	100	180	230	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	120	U	120	180	230	ug/Kg
65-85-0	Benzoic acid	330	U	330	370	450	ug/Kg
91-20-3	Naphthalene	110	U	110	180	230	ug/Kg
106-47-8	4-Chloroaniline	110	U	110	180	230	ug/Kg
87-68-3	Hexachlorobutadiene	110	U	110	180	230	ug/Kg

Report of Analysis

Client:		Date Collected:	8/15/2024 12:00:00 AM
Project:		Date Received:	8/15/2024 12:00:00 AM
Client Sample ID:	921-K1-SD-0.5-1.0-081524-FD	SDG No.:	BP082024
Lab Sample ID:	P3643-14	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	27.2
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021579.D	1	8/16/2024 12:00:00 AM	8/20/2024 12:00:00 AM	PB162798

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	120	U	120	370	450	ug/Kg
59-50-7	4-Chloro-3-methylphenol	110	U	110	180	230	ug/Kg
91-57-6	2-Methylnaphthalene	110	U	110	180	230	ug/Kg
77-47-4	Hexachlorocyclopentadiene	210	U	210	370	450	ug/Kg
88-06-2	2,4,6-Trichlorophenol	98	U	98	180	230	ug/Kg
95-95-4	2,4,5-Trichlorophenol	100	U	100	180	230	ug/Kg
92-52-4	1,1-Biphenyl	120	U	120	180	230	ug/Kg
91-58-7	2-Chloronaphthalene	110	U	110	180	230	ug/Kg
88-74-4	2-Nitroaniline	130	U	130	180	230	ug/Kg
131-11-3	Dimethylphthalate	110	U	110	180	230	ug/Kg
208-96-8	Acenaphthylene	120	U	120	180	230	ug/Kg
606-20-2	2,6-Dinitrotoluene	110	U	110	180	230	ug/Kg
99-09-2	3-Nitroaniline	120	U	120	180	230	ug/Kg
83-32-9	Acenaphthene	110	U	110	180	230	ug/Kg
Total PAH	Total PAH	1820	U	1820	180	3680	ug/Kg
51-28-5	2,4-Dinitrophenol	330	U	330	370	450	ug/Kg
100-02-7	4-Nitrophenol	160	U	160	370	450	ug/Kg
132-64-9	Dibenzofuran	120	U	120	180	230	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	230	U	230	180	460	ug/Kg
121-14-2	2,4-Dinitrotoluene	120	U	120	180	230	ug/Kg
84-66-2	Diethylphthalate	110	U	110	180	230	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	120	U	120	180	230	ug/Kg
86-73-7	Fluorene	120	U	120	180	230	ug/Kg
100-01-6	4-Nitroaniline	150	U	150	180	230	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	160	U	160	370	450	ug/Kg
86-30-6	n-Nitrosodiphenylamine	110	U	110	180	230	ug/Kg
103-33-3	Azobenzene	110	U	110	180	230	ug/Kg
101-55-3	4-Bromophenyl-phenylether	110	U	110	180	230	ug/Kg
118-74-1	Hexachlorobenzene	120	U	120	180	230	ug/Kg
1912-24-9	Atrazine	130	U	130	180	230	ug/Kg

Report of Analysis

Client:		Date Collected:	8/15/2024 12:00:00 AM
Project:		Date Received:	8/15/2024 12:00:00 AM
Client Sample ID:	921-K1-SD-0.5-1.0-081524-FD	SDG No.:	BP082024
Lab Sample ID:	P3643-14	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	27.2
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021579.D	1	8/16/2024 12:00:00 AM	8/20/2024 12:00:00 AM	PB162798

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	110	U	110	370	450	ug/Kg
85-01-8	Phenanthrene	120	U	120	180	230	ug/Kg
120-12-7	Anthracene	120	U	120	180	230	ug/Kg
86-74-8	Carbazole	110	U	110	180	230	ug/Kg
84-74-2	Di-n-butylphthalate	120	U	120	180	230	ug/Kg
206-44-0	Fluoranthene	110	U	110	180	230	ug/Kg
92-87-5	Benzidine	220	U	220	370	450	ug/Kg
129-00-0	Pyrene	110	U	110	180	230	ug/Kg
85-68-7	Butylbenzylphthalate	130	U	130	180	230	ug/Kg
91-94-1	3,3-Dichlorobenzidine	140	U	140	370	450	ug/Kg
56-55-3	Benzo(a)anthracene	110	U	110	180	230	ug/Kg
218-01-9	Chrysene	110	U	110	180	230	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	U	120	180	230	ug/Kg
117-84-0	Di-n-octyl phthalate	150	U	150	370	450	ug/Kg
205-99-2	Benzo(b)fluoranthene	110	U	110	180	230	ug/Kg
207-08-9	Benzo(k)fluoranthene	110	U	110	180	230	ug/Kg
50-32-8	Benzo(a)pyrene	130	U	130	180	230	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	110	U	110	180	230	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	110	U	110	180	230	ug/Kg
191-24-2	Benzo(g,h,i)perylene	110	U	110	180	230	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	120	U	120	180	230	ug/Kg
123-91-1	1,4-Dioxane	150	U	150	180	230	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	100	U	100	180	230	ug/Kg
90-12-0	1-Methylnaphthalene	110	U	110	230	230	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	76.726		18-112		51	SPK: -150
13127-88-3	Phenol-d6	74.706		15-107		50	SPK: -150
4165-60-0	Nitrobenzene-d5	52.519		18-107		53	SPK: -100
321-60-8	2-Fluorobiphenyl	39.584		20-109		40	SPK: -100

Report of Analysis

Client:		Date Collected:	8/15/2024 12:00:00 AM
Project:		Date Received:	8/15/2024 12:00:00 AM
Client Sample ID:	921-K1-SD-0.5-1.0-081524-FD	SDG No.:	BP082024
Lab Sample ID:	P3643-14	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	27.2
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021579.D	1	8/16/2024 12:00:00 AM	8/20/2024 12:00:00 AM	PB162798

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	89.732		10-116		60	SPK: -150
1718-51-0	Terphenyl-d14	40.599		10-105		41	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	309852	7.805				
1146-65-2	Naphthalene-d8	1260056	10.599				
15067-26-2	Acenaphthene-d10	848208	14.457				
1517-22-2	Phenanthrene-d10	1951418	17.269				
1719-03-5	Chrysene-d12	2043803	21.733				
1520-96-3	Perylene-d12	2283218	25.186				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1700	J			3.028	
000057-55-6	Propylene Glycol	98.8	J			3.546	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	140	A			4.94	
000770-35-4	1-Phenoxypropan-2-ol	120	J			11.328	
000057-10-3	n-Hexadecanoic acid	140	J			18.21	
1000282-98-2	Dichloroacetic acid, heptadecyl es	150	J			21.41	

Report of Analysis

Client:		Date Collected:	8/13/2024 12:00:00 AM
Project:		Date Received:	8/13/2024 12:00:00 AM
Client Sample ID:	VCPS-B3-081324-10-18	SDG No.:	BP082024
Lab Sample ID:	P3600-06	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	19.7
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
BP021580.D	1	8/14/2024 12:00:00 AM	8/20/2024 12:00:00 AM	PB162717

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	110	U	110	340	410	ug/Kg
110-86-1	Pyridine	99.5	U	99.5	160	210	ug/Kg
100-52-7	Benzaldehyde	230	U	230	340	410	ug/Kg
62-53-3	Aniline	120	U	120	160	210	ug/Kg
108-95-2	Phenol	100	U	100	160	210	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	100	U	100	160	210	ug/Kg
95-57-8	2-Chlorophenol	100	U	100	160	210	ug/Kg
95-50-1	1,2-Dichlorobenzene	110	U	110	160	210	ug/Kg
541-73-1	1,3-Dichlorobenzene	110	U	110	160	210	ug/Kg
106-46-7	1,4-Dichlorobenzene	110	U	110	160	210	ug/Kg
100-51-6	Benzyl Alcohol	100	U	100	340	410	ug/Kg
95-48-7	2-Methylphenol	100	U	100	160	210	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	110	U	110	160	210	ug/Kg
98-86-2	Acetophenone	110	U	110	160	210	ug/Kg
65794-96-9	3+4-Methylphenols	99.3	U	99.3	340	410	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	50.2	U	50.2	99.6	99.6	ug/Kg
67-72-1	Hexachloroethane	100	U	100	160	210	ug/Kg
98-95-3	Nitrobenzene	110	U	110	160	210	ug/Kg
78-59-1	Isophorone	110	U	110	160	210	ug/Kg
88-75-5	2-Nitrophenol	120	U	120	160	210	ug/Kg
105-67-9	2,4-Dimethylphenol	120	U	120	160	210	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	110	U	110	160	210	ug/Kg
120-83-2	2,4-Dichlorophenol	94	U	94	160	210	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	110	U	110	160	210	ug/Kg
65-85-0	Benzoic acid	300	U	300	340	410	ug/Kg
91-20-3	Naphthalene	100	U	100	160	210	ug/Kg
106-47-8	4-Chloroaniline	100	U	100	160	210	ug/Kg
87-68-3	Hexachlorobutadiene	100	U	100	160	210	ug/Kg

Report of Analysis

Client:		Date Collected:	8/13/2024 12:00:00 AM
Project:		Date Received:	8/13/2024 12:00:00 AM
Client Sample ID:	VCPS-B3-081324-10-18	SDG No.:	BP082024
Lab Sample ID:	P3600-06	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	19.7
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
BP021580.D	1	8/14/2024 12:00:00 AM	8/20/2024 12:00:00 AM	PB162717

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	110	U	110	340	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	96.5	U	96.5	160	210	ug/Kg
91-57-6	2-Methylnaphthalene	100	U	100	160	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	190	U	190	340	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	88.9	U	88.9	160	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	92.1	U	92.1	160	210	ug/Kg
92-52-4	1,1-Biphenyl	110	U	110	160	210	ug/Kg
91-58-7	2-Chloronaphthalene	100	U	100	160	210	ug/Kg
88-74-4	2-Nitroaniline	120	U	120	160	210	ug/Kg
131-11-3	Dimethylphthalate	100	U	100	160	210	ug/Kg
208-96-8	Acenaphthylene	110	U	110	160	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	100	U	100	160	210	ug/Kg
99-09-2	3-Nitroaniline	110	U	110	160	210	ug/Kg
83-32-9	Acenaphthene	100	U	100	160	210	ug/Kg
Total PAH	Total PAH	1645.9	U	1645.9	160	3360	ug/Kg
51-28-5	2,4-Dinitrophenol	300	U	300	340	410	ug/Kg
100-02-7	4-Nitrophenol	140	U	140	340	410	ug/Kg
132-64-9	Dibenzofuran	110	U	110	160	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	110	U	110	160	210	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	210	U	210	160	420	ug/Kg
84-66-2	Diethylphthalate	99.7	U	99.7	160	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	110	U	110	160	210	ug/Kg
86-73-7	Fluorene	110	U	110	160	210	ug/Kg
100-01-6	4-Nitroaniline	130	U	130	160	210	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	150	U	150	340	410	ug/Kg
86-30-6	n-Nitrosodiphenylamine	100	U	100	160	210	ug/Kg
103-33-3	Azobenzene	99.1	U	99.1	160	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	98.2	U	98.2	160	210	ug/Kg
118-74-1	Hexachlorobenzene	110	U	110	160	210	ug/Kg
1912-24-9	Atrazine	110	U	110	160	210	ug/Kg

Report of Analysis

Client:		Date Collected:	8/13/2024 12:00:00 AM
Project:		Date Received:	8/13/2024 12:00:00 AM
Client Sample ID:	VCPS-B3-081324-10-18	SDG No.:	BP082024
Lab Sample ID:	P3600-06	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	19.7
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
BP021580.D	1	8/14/2024 12:00:00 AM	8/20/2024 12:00:00 AM	PB162717

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	96.2	U	96.2	340	410	ug/Kg
85-01-8	Phenanthrene	260		100	160	210	ug/Kg
120-12-7	Anthracene	110	U	110	160	210	ug/Kg
86-74-8	Carbazole	100	U	100	160	210	ug/Kg
84-74-2	Di-n-butylphthalate	100	U	100	160	210	ug/Kg
206-44-0	Fluoranthene	320		100	160	210	ug/Kg
92-87-5	Benzidine	200	U	200	340	410	ug/Kg
129-00-0	Pyrene	290		100	160	210	ug/Kg
85-68-7	Butylbenzylphthalate	120	U	120	160	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	120	U	120	340	410	ug/Kg
56-55-3	Benzo(a)anthracene	180	J	100	160	210	ug/Kg
218-01-9	Chrysene	200	J	99	160	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	160	210	ug/Kg
117-84-0	Di-n-octyl phthalate	140	U	140	340	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	190	J	100	160	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	100	U	100	160	210	ug/Kg
50-32-8	Benzo(a)pyrene	170	J	120	160	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	97.2	U	97.2	160	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	100	U	100	160	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	99.7	U	99.7	160	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	110	U	110	160	210	ug/Kg
123-91-1	1,4-Dioxane	140	U	140	160	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	93	U	93	160	210	ug/Kg
90-12-0	1-Methylnaphthalene	100	U	100	210	210	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	120.114		18-112		80	SPK: -150
13127-88-3	Phenol-d6	114.807		15-107		77	SPK: -150
4165-60-0	Nitrobenzene-d5	85.025		18-107		85	SPK: -100
321-60-8	2-Fluorobiphenyl	66.295		20-109		66	SPK: -100

Report of Analysis

Client:		Date Collected:	8/13/2024 12:00:00 AM
Project:		Date Received:	8/13/2024 12:00:00 AM
Client Sample ID:	VCPS-B3-081324-10-18	SDG No.:	BP082024
Lab Sample ID:	P3600-06	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	19.7
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
BP021580.D	1	8/14/2024 12:00:00 AM	8/20/2024 12:00:00 AM	PB162717

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	133.171		10-116		89	SPK: -150
1718-51-0	Terphenyl-d14	59.626		10-105		60	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	349343	7.799				
1146-65-2	Naphthalene-d8	1446660	10.593				
15067-26-2	Acenaphthene-d10	970406	14.451				
1517-22-2	Phenanthrene-d10	2097548	17.251				
1719-03-5	Chrysene-d12	1804629	21.721				
1520-96-3	Perylene-d12	2213566	25.168				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	2400	J			3.028	
000057-55-6	Propylene Glycol	150	J			3.546	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	200	A			4.94	
000770-35-4	1-Phenoxypropan-2-ol	200	J			11.328	
000629-92-5	Nonadecane	100	J			17.092	
000057-10-3	n-Hexadecanoic acid	260	J			18.204	
003892-00-0	Pentadecane, 2,6,10-trimethyl-	200	J			18.998	
022349-03-7	Cyclohexane, nonadecyl-	130	J			19.116	
006566-19-4	10,18-Bisnorabieta-5,7,9(10),11,13	130	J			19.457	
000544-76-3	Hexadecane	120	J			19.639	
000077-94-1	Butyl citrate	250	J			19.674	
000483-65-8	Retene	580	J			20.204	
000112-84-5	13-Docosenamide, (Z)-	160	J			23.386	

Report of Analysis

Client:		Date Collected:	8/13/2024 12:00:00 AM
Project:		Date Received:	8/13/2024 12:00:00 AM
Client Sample ID:	VCPS-B3-081324-10-18MS	SDG No.:	BP082024
Lab Sample ID:	P3600-06MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	19.7
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021581.D	1	8/14/2024 12:00:00 AM	8/20/2024 12:00:00 AM	PB162717

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1800		110	340	410	ug/Kg
110-86-1	Pyridine	1500		99.4	160	210	ug/Kg
100-52-7	Benzaldehyde	1500		230	340	410	ug/Kg
62-53-3	Aniline	1500		120	160	210	ug/Kg
108-95-2	Phenol	2000		100	160	210	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1800		100	160	210	ug/Kg
95-57-8	2-Chlorophenol	2200		100	160	210	ug/Kg
95-50-1	1,2-Dichlorobenzene	1900		110	160	210	ug/Kg
541-73-1	1,3-Dichlorobenzene	1800		110	160	210	ug/Kg
106-46-7	1,4-Dichlorobenzene	1900		110	160	210	ug/Kg
100-51-6	Benzyl Alcohol	2000		100	340	410	ug/Kg
95-48-7	2-Methylphenol	2000		100	160	210	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1800		110	160	210	ug/Kg
98-86-2	Acetophenone	1800		110	160	210	ug/Kg
65794-96-9	3+4-Methylphenols	2100		99.3	340	410	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1600		50.1	99.5	99.5	ug/Kg
67-72-1	Hexachloroethane	1900		100	160	210	ug/Kg
98-95-3	Nitrobenzene	1900		110	160	210	ug/Kg
78-59-1	Isophorone	1700		110	160	210	ug/Kg
88-75-5	2-Nitrophenol	2600		120	160	210	ug/Kg
105-67-9	2,4-Dimethylphenol	2500		120	160	210	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1800		110	160	210	ug/Kg
120-83-2	2,4-Dichlorophenol	2300		93.9	160	210	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1800		110	160	210	ug/Kg
65-85-0	Benzoic acid	2800		290	340	410	ug/Kg
91-20-3	Naphthalene	1900		100	160	210	ug/Kg
106-47-8	4-Chloroaniline	1100		100	160	210	ug/Kg
87-68-3	Hexachlorobutadiene	1800		100	160	210	ug/Kg

Report of Analysis

Client:		Date Collected:	8/13/2024 12:00:00 AM
Project:		Date Received:	8/13/2024 12:00:00 AM
Client Sample ID:	VCPS-B3-081324-10-18MS	SDG No.:	BP082024
Lab Sample ID:	P3600-06MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	19.7
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021581.D	1	8/14/2024 12:00:00 AM	8/20/2024 12:00:00 AM	PB162717

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	2300		110	340	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	2200		96.4	160	210	ug/Kg
91-57-6	2-Methylnaphthalene	1900		100	160	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	5400	E	190	340	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	2400		88.8	160	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	2400		92.1	160	210	ug/Kg
92-52-4	1,1-Biphenyl	1900		110	160	210	ug/Kg
91-58-7	2-Chloronaphthalene	1900		100	160	210	ug/Kg
88-74-4	2-Nitroaniline	2300		120	160	210	ug/Kg
131-11-3	Dimethylphthalate	2000		100	160	210	ug/Kg
208-96-8	Acenaphthylene	2100		110	160	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	2100		100	160	210	ug/Kg
99-09-2	3-Nitroaniline	1700		110	160	210	ug/Kg
83-32-9	Acenaphthene	2300		100	160	210	ug/Kg
Total PAH	Total PAH	34600		1645.8	160	3360	ug/Kg
51-28-5	2,4-Dinitrophenol	4900	E	300	340	410	ug/Kg
100-02-7	4-Nitrophenol	5000	E	140	340	410	ug/Kg
132-64-9	Dibenzofuran	2000		110	160	210	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	4500		210	160	420	ug/Kg
121-14-2	2,4-Dinitrotoluene	2400		110	160	210	ug/Kg
84-66-2	Diethylphthalate	2000		99.7	160	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1900		110	160	210	ug/Kg
86-73-7	Fluorene	2000		110	160	210	ug/Kg
100-01-6	4-Nitroaniline	2200		130	160	210	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	2700		150	340	410	ug/Kg
86-30-6	n-Nitrosodiphenylamine	2000		100	160	210	ug/Kg
103-33-3	Azobenzene	1800		99	160	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1900		98.2	160	210	ug/Kg
118-74-1	Hexachlorobenzene	1900		110	160	210	ug/Kg
1912-24-9	Atrazine	2200		110	160	210	ug/Kg

Report of Analysis

Client:		Date Collected:	8/13/2024 12:00:00 AM
Project:		Date Received:	8/13/2024 12:00:00 AM
Client Sample ID:	VCPS-B3-081324-10-18MS	SDG No.:	BP082024
Lab Sample ID:	P3600-06MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	19.7
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021581.D	1	8/14/2024 12:00:00 AM	8/20/2024 12:00:00 AM	PB162717

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	4700	E	96.2	340	410	ug/Kg
85-01-8	Phenanthrene	2300		100	160	210	ug/Kg
120-12-7	Anthracene	2200		110	160	210	ug/Kg
86-74-8	Carbazole	2100		99.9	160	210	ug/Kg
84-74-2	Di-n-butylphthalate	2000		100	160	210	ug/Kg
206-44-0	Fluoranthene	2200		100	160	210	ug/Kg
92-87-5	Benzidine	2100		200	340	410	ug/Kg
129-00-0	Pyrene	2200		100	160	210	ug/Kg
85-68-7	Butylbenzylphthalate	2200		120	160	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1400		120	340	410	ug/Kg
56-55-3	Benzo(a)anthracene	2200		100	160	210	ug/Kg
218-01-9	Chrysene	2200		98.9	160	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	2200		110	160	210	ug/Kg
117-84-0	Di-n-octyl phthalate	2200		140	340	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	2100		100	160	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	2000		100	160	210	ug/Kg
50-32-8	Benzo(a)pyrene	2300		120	160	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	2300		97.2	160	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	2200		100	160	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	2100		99.7	160	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1900		110	160	210	ug/Kg
123-91-1	1,4-Dioxane	1500		140	160	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	2500		92.9	160	210	ug/Kg
90-12-0	1-Methylnaphthalene	1900		100	210	210	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	118.684		18-112		79	SPK: -150
13127-88-3	Phenol-d6	113.076		15-107		75	SPK: -150
4165-60-0	Nitrobenzene-d5	81.554		18-107		82	SPK: -100
321-60-8	2-Fluorobiphenyl	62.849		20-109		63	SPK: -100

Report of Analysis

Client:		Date Collected:	8/13/2024 12:00:00 AM
Project:		Date Received:	8/13/2024 12:00:00 AM
Client Sample ID:	VCPS-B3-081324-10-18MS	SDG No.:	BP082024
Lab Sample ID:	P3600-06MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	19.7
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021581.D	1	8/14/2024 12:00:00 AM	8/20/2024 12:00:00 AM	PB162717

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	130.597		10-116		87	SPK: -150
1718-51-0	Terphenyl-d14	54.192		10-105		54	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	322458	7.804				
1146-65-2	Naphthalene-d8	1314030	10.592				
15067-26-2	Acenaphthene-d10	861400	14.451				
1517-22-2	Phenanthrene-d10	1868020	17.263				
1719-03-5	Chrysene-d12	1736757	21.739				
1520-96-3	Perylene-d12	2238575	25.186				

Report of Analysis

Client:		Date Collected:	8/13/2024 12:00:00 AM
Project:		Date Received:	8/13/2024 12:00:00 AM
Client Sample ID:	VCPS-B3-081324-10-18MSD	SDG No.:	BP082024
Lab Sample ID:	P3600-06MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	19.7
Sample Wt/Vol:	30.09	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
BP021582.D	1	8/14/2024 12:00:00 AM	8/20/2024 12:00:00 AM	PB162717

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1700		110	340	410	ug/Kg
110-86-1	Pyridine	1400		99.2	160	210	ug/Kg
100-52-7	Benzaldehyde	1500		230	340	410	ug/Kg
62-53-3	Aniline	1500		120	160	210	ug/Kg
108-95-2	Phenol	1900		100	160	210	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1700		100	160	210	ug/Kg
95-57-8	2-Chlorophenol	2100		100	160	210	ug/Kg
95-50-1	1,2-Dichlorobenzene	1900		110	160	210	ug/Kg
541-73-1	1,3-Dichlorobenzene	1800		110	160	210	ug/Kg
106-46-7	1,4-Dichlorobenzene	1900		110	160	210	ug/Kg
100-51-6	Benzyl Alcohol	1900		100	340	410	ug/Kg
95-48-7	2-Methylphenol	2000		100	160	210	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1800		110	160	210	ug/Kg
98-86-2	Acetophenone	1800		110	160	210	ug/Kg
65794-96-9	3+4-Methylphenols	2000		99.1	340	410	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1500		50	99.3	99.3	ug/Kg
67-72-1	Hexachloroethane	1900		100	160	210	ug/Kg
98-95-3	Nitrobenzene	1900		110	160	210	ug/Kg
78-59-1	Isophorone	1700		110	160	210	ug/Kg
88-75-5	2-Nitrophenol	2600		120	160	210	ug/Kg
105-67-9	2,4-Dimethylphenol	2400		120	160	210	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1700		110	160	210	ug/Kg
120-83-2	2,4-Dichlorophenol	2300		93.7	160	210	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1800		110	160	210	ug/Kg
65-85-0	Benzoic acid	2800		290	340	410	ug/Kg
91-20-3	Naphthalene	1900		100	160	210	ug/Kg
106-47-8	4-Chloroaniline	960		100	160	210	ug/Kg
87-68-3	Hexachlorobutadiene	1800		100	160	210	ug/Kg

Report of Analysis

Client:		Date Collected:	8/13/2024 12:00:00 AM
Project:		Date Received:	8/13/2024 12:00:00 AM
Client Sample ID:	VCPS-B3-081324-10-18MSD	SDG No.:	BP082024
Lab Sample ID:	P3600-06MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	19.7
Sample Wt/Vol:	30.09 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
BP021582.D	1	8/14/2024 12:00:00 AM	8/20/2024 12:00:00 AM	PB162717

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	2100		110	340	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	2100		96.2	160	210	ug/Kg
91-57-6	2-Methylnaphthalene	1900		100	160	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	5900	E	190	340	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	2400		88.7	160	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	2400		91.9	160	210	ug/Kg
92-52-4	1,1-Biphenyl	1900		110	160	210	ug/Kg
91-58-7	2-Chloronaphthalene	1900		100	160	210	ug/Kg
88-74-4	2-Nitroaniline	2300		120	160	210	ug/Kg
131-11-3	Dimethylphthalate	2000		100	160	210	ug/Kg
208-96-8	Acenaphthylene	2100		110	160	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	2100		100	160	210	ug/Kg
99-09-2	3-Nitroaniline	1700		110	160	210	ug/Kg
83-32-9	Acenaphthene	2300		100	160	210	ug/Kg
Total PAH	Total PAH	34400		1635.2	160	3360	ug/Kg
51-28-5	2,4-Dinitrophenol	5000	E	300	340	410	ug/Kg
100-02-7	4-Nitrophenol	4800	E	140	340	410	ug/Kg
132-64-9	Dibenzofuran	2000		100	160	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	2300		110	160	210	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	4400		210	160	420	ug/Kg
84-66-2	Diethylphthalate	2000		99.5	160	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1900		110	160	210	ug/Kg
86-73-7	Fluorene	1900		110	160	210	ug/Kg
100-01-6	4-Nitroaniline	2200		130	160	210	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	2800		150	340	410	ug/Kg
86-30-6	n-Nitrosodiphenylamine	2000		100	160	210	ug/Kg
103-33-3	Azobenzene	1700		98.8	160	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1900		98	160	210	ug/Kg
118-74-1	Hexachlorobenzene	1900		110	160	210	ug/Kg
1912-24-9	Atrazine	2200		110	160	210	ug/Kg

Report of Analysis

Client:		Date Collected:	8/13/2024 12:00:00 AM
Project:		Date Received:	8/13/2024 12:00:00 AM
Client Sample ID:	VCPS-B3-081324-10-18MSD	SDG No.:	BP082024
Lab Sample ID:	P3600-06MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	19.7
Sample Wt/Vol:	30.09	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
BP021582.D	1	8/14/2024 12:00:00 AM	8/20/2024 12:00:00 AM	PB162717

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	4700	E	96	340	410	ug/Kg
85-01-8	Phenanthrene	2300		100	160	210	ug/Kg
120-12-7	Anthracene	2100		100	160	210	ug/Kg
86-74-8	Carbazole	2100		99.7	160	210	ug/Kg
84-74-2	Di-n-butylphthalate	2000		100	160	210	ug/Kg
206-44-0	Fluoranthene	2200		100	160	210	ug/Kg
92-87-5	Benzidine	2200		200	340	410	ug/Kg
129-00-0	Pyrene	2200		100	160	210	ug/Kg
85-68-7	Butylbenzylphthalate	2200		120	160	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1300		120	340	410	ug/Kg
56-55-3	Benzo(a)anthracene	2200		100	160	210	ug/Kg
218-01-9	Chrysene	2200		98.7	160	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	2300		110	160	210	ug/Kg
117-84-0	Di-n-octyl phthalate	2300		140	340	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	2100		100	160	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	2000		100	160	210	ug/Kg
50-32-8	Benzo(a)pyrene	2300		120	160	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	2300		97	160	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	2200		100	160	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	2100		99.5	160	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1900		110	160	210	ug/Kg
123-91-1	1,4-Dioxane	1400		140	160	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	2500		92.7	160	210	ug/Kg
90-12-0	1-Methylnaphthalene	1800		100	210	210	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	117.028		18-112		78	SPK: -150
13127-88-3	Phenol-d6	109.063		15-107		73	SPK: -150
4165-60-0	Nitrobenzene-d5	81.116		18-107		81	SPK: -100
321-60-8	2-Fluorobiphenyl	64.055		20-109		64	SPK: -100

Report of Analysis

Client:		Date Collected:	8/13/2024 12:00:00 AM
Project:		Date Received:	8/13/2024 12:00:00 AM
Client Sample ID:	VCPS-B3-081324-10-18MSD	SDG No.:	BP082024
Lab Sample ID:	P3600-06MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	19.7
Sample Wt/Vol:	30.09 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
BP021582.D	1	8/14/2024 12:00:00 AM	8/20/2024 12:00:00 AM	PB162717

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	128.708		10-116		86	SPK: -150
1718-51-0	Terphenyl-d14	55.185		10-105		55	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	371100	7.804				
1146-65-2	Naphthalene-d8	1503946	10.593				
15067-26-2	Acenaphthene-d10	933303	14.451				
1517-22-2	Phenanthrene-d10	1947798	17.257				
1719-03-5	Chrysene-d12	1784848	21.733				
1520-96-3	Perylene-d12	2256543	25.174				

Report of Analysis

Client:		Date Collected:	8/7/2024 12:00:00 AM
Project:		Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	OU4-TS-08-080724RE	SDG No.:	BP082024
Lab Sample ID:	P3518-15RE	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	28.3
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
BP021583.D	1	8/10/2024 12:00:00 AM	8/20/2024 12:00:00 AM	PB162631

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	120	U	120	380	460	ug/Kg
110-86-1	Pyridine	110	U	110	180	240	ug/Kg
100-52-7	Benzaldehyde	250	U	250	380	460	ug/Kg
62-53-3	Aniline	140	U	140	180	240	ug/Kg
108-95-2	Phenol	120	U	120	180	240	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	120	U	120	180	240	ug/Kg
95-57-8	2-Chlorophenol	120	U	120	180	240	ug/Kg
95-50-1	1,2-Dichlorobenzene	120	U	120	180	240	ug/Kg
541-73-1	1,3-Dichlorobenzene	120	U	120	180	240	ug/Kg
106-46-7	1,4-Dichlorobenzene	120	U	120	180	240	ug/Kg
100-51-6	Benzyl Alcohol	120	U	120	380	460	ug/Kg
95-48-7	2-Methylphenol	110	U	110	180	240	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	130	U	130	180	240	ug/Kg
98-86-2	Acetophenone	120	U	120	180	240	ug/Kg
65794-96-9	3+4-Methylphenols	110	U	110	380	460	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	56.2	U	56.2	110	110	ug/Kg
67-72-1	Hexachloroethane	120	U	120	180	240	ug/Kg
98-95-3	Nitrobenzene	130	U	130	180	240	ug/Kg
78-59-1	Isophorone	120	U	120	180	240	ug/Kg
88-75-5	2-Nitrophenol	130	U	130	180	240	ug/Kg
105-67-9	2,4-Dimethylphenol	130	U	130	180	240	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	120	U	120	180	240	ug/Kg
120-83-2	2,4-Dichlorophenol	110	U	110	180	240	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	120	U	120	180	240	ug/Kg
65-85-0	Benzoic acid	330	U	330	380	460	ug/Kg
91-20-3	Naphthalene	120	U	120	180	240	ug/Kg
106-47-8	4-Chloroaniline	120	U	120	180	240	ug/Kg
87-68-3	Hexachlorobutadiene	120	U	120	180	240	ug/Kg

Report of Analysis

Client:		Date Collected:	8/7/2024 12:00:00 AM
Project:		Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	OU4-TS-08-080724RE	SDG No.:	BP082024
Lab Sample ID:	P3518-15RE	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	28.3
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
BP021583.D	1	8/10/2024 12:00:00 AM	8/20/2024 12:00:00 AM	PB162631

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	120	U	120	380	460	ug/Kg
59-50-7	4-Chloro-3-methylphenol	110	U	110	180	240	ug/Kg
91-57-6	2-Methylnaphthalene	120	U	120	180	240	ug/Kg
77-47-4	Hexachlorocyclopentadiene	220	U	220	380	460	ug/Kg
88-06-2	2,4,6-Trichlorophenol	99.5	U	99.5	180	240	ug/Kg
95-95-4	2,4,5-Trichlorophenol	100	U	100	180	240	ug/Kg
92-52-4	1,1-Biphenyl	120	U	120	180	240	ug/Kg
91-58-7	2-Chloronaphthalene	120	U	120	180	240	ug/Kg
88-74-4	2-Nitroaniline	130	U	130	180	240	ug/Kg
131-11-3	Dimethylphthalate	110	U	110	180	240	ug/Kg
208-96-8	Acenaphthylene	120	U	120	180	240	ug/Kg
606-20-2	2,6-Dinitrotoluene	120	U	120	180	240	ug/Kg
99-09-2	3-Nitroaniline	120	U	120	180	240	ug/Kg
83-32-9	Acenaphthene	110	U	110	180	240	ug/Kg
Total PAH	Total PAH	1850	U	1850	180	3840	ug/Kg
51-28-5	2,4-Dinitrophenol	340	U	340	380	460	ug/Kg
100-02-7	4-Nitrophenol	160	U	160	380	460	ug/Kg
132-64-9	Dibenzofuran	120	U	120	180	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	120	U	120	180	240	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	240	U	240	180	480	ug/Kg
84-66-2	Diethylphthalate	110	U	110	180	240	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	120	U	120	180	240	ug/Kg
86-73-7	Fluorene	120	U	120	180	240	ug/Kg
100-01-6	4-Nitroaniline	150	U	150	180	240	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	160	U	160	380	460	ug/Kg
86-30-6	n-Nitrosodiphenylamine	110	U	110	180	240	ug/Kg
103-33-3	Azobenzene	110	U	110	180	240	ug/Kg
101-55-3	4-Bromophenyl-phenylether	110	U	110	180	240	ug/Kg
118-74-1	Hexachlorobenzene	120	U	120	180	240	ug/Kg
1912-24-9	Atrazine	130	U	130	180	240	ug/Kg

Report of Analysis

Client:		Date Collected:	8/7/2024 12:00:00 AM
Project:		Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	OU4-TS-08-080724RE	SDG No.:	BP082024
Lab Sample ID:	P3518-15RE	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	28.3
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
BP021583.D	1	8/10/2024 12:00:00 AM	8/20/2024 12:00:00 AM	PB162631

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	110	U	110	380	460	ug/Kg
85-01-8	Phenanthrene	120	U	120	180	240	ug/Kg
120-12-7	Anthracene	120	U	120	180	240	ug/Kg
86-74-8	Carbazole	110	U	110	180	240	ug/Kg
84-74-2	Di-n-butylphthalate	120	U	120	180	240	ug/Kg
206-44-0	Fluoranthene	130	J	110	180	240	ug/Kg
92-87-5	Benzidine	230	U	230	380	460	ug/Kg
129-00-0	Pyrene	120	U	120	180	240	ug/Kg
85-68-7	Butylbenzylphthalate	130	U	130	180	240	ug/Kg
91-94-1	3,3-Dichlorobenzidine	140	U	140	380	460	ug/Kg
56-55-3	Benzo(a)anthracene	110	U	110	180	240	ug/Kg
218-01-9	Chrysene	110	U	110	180	240	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	130	U	130	180	240	ug/Kg
117-84-0	Di-n-octyl phthalate	150	U	150	380	460	ug/Kg
205-99-2	Benzo(b)fluoranthene	110	U	110	180	240	ug/Kg
207-08-9	Benzo(k)fluoranthene	120	U	120	180	240	ug/Kg
50-32-8	Benzo(a)pyrene	130	U	130	180	240	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	110	U	110	180	240	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	110	U	110	180	240	ug/Kg
191-24-2	Benzo(g,h,i)perylene	110	U	110	180	240	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	120	U	120	180	240	ug/Kg
123-91-1	1,4-Dioxane	150	U	150	180	240	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	100	U	100	180	240	ug/Kg
90-12-0	1-Methylnaphthalene	120	U	120	240	240	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	64.505		18-112		43	SPK: -150
13127-88-3	Phenol-d6	64.507		15-107		43	SPK: -150
4165-60-0	Nitrobenzene-d5	43.204		18-107		43	SPK: -100
321-60-8	2-Fluorobiphenyl	30.13		20-109		30	SPK: -100

Report of Analysis

Client:		Date Collected:	8/7/2024 12:00:00 AM
Project:		Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	OU4-TS-08-080724RE	SDG No.:	BP082024
Lab Sample ID:	P3518-15RE	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	28.3
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
BP021583.D	1	8/10/2024 12:00:00 AM	8/20/2024 12:00:00 AM	PB162631

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	72.1		10-116		48	SPK: -150
1718-51-0	Terphenyl-d14	33.559		10-105		34	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	368812	7.804				
1146-65-2	Naphthalene-d8	1570625	10.592				
15067-26-2	Acenaphthene-d10	1046199	14.451				
1517-22-2	Phenanthrene-d10	2309247	17.263				
1719-03-5	Chrysene-d12	2237746	21.727				
1520-96-3	Perylene-d12	2559388	25.156				

Report of Analysis

Client:		Date Collected:	8/7/2024 12:00:00 AM
Project:		Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	OU4-TS-08-080724MS	SDG No.:	BP082024
Lab Sample ID:	P3518-15MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	28.3
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021584.D	1	8/10/2024 12:00:00 AM	8/20/2024 12:00:00 AM	PB162631

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	2200		120	380	460	ug/Kg
110-86-1	Pyridine	1800		110	180	240	ug/Kg
100-52-7	Benzaldehyde	250	U	250	380	460	ug/Kg
62-53-3	Aniline	1600		140	180	240	ug/Kg
108-95-2	Phenol	2400		120	180	240	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	2100		120	180	240	ug/Kg
95-57-8	2-Chlorophenol	2600		120	180	240	ug/Kg
95-50-1	1,2-Dichlorobenzene	2300		120	180	240	ug/Kg
541-73-1	1,3-Dichlorobenzene	2300		120	180	240	ug/Kg
106-46-7	1,4-Dichlorobenzene	2300		120	180	240	ug/Kg
100-51-6	Benzyl Alcohol	2300		120	380	460	ug/Kg
95-48-7	2-Methylphenol	2400		110	180	240	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	2200		130	180	240	ug/Kg
98-86-2	Acetophenone	2000		120	180	240	ug/Kg
65794-96-9	3+4-Methylphenols	2500		110	380	460	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1800		56.2	110	110	ug/Kg
67-72-1	Hexachloroethane	2300		120	180	240	ug/Kg
98-95-3	Nitrobenzene	2300		130	180	240	ug/Kg
78-59-1	Isophorone	2000		120	180	240	ug/Kg
88-75-5	2-Nitrophenol	3100		130	180	240	ug/Kg
105-67-9	2,4-Dimethylphenol	2700		130	180	240	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	2100		120	180	240	ug/Kg
120-83-2	2,4-Dichlorophenol	2800		110	180	240	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	2300		120	180	240	ug/Kg
65-85-0	Benzoic acid	3200		330	380	460	ug/Kg
91-20-3	Naphthalene	2300		120	180	240	ug/Kg
106-47-8	4-Chloroaniline	1400		120	180	240	ug/Kg
87-68-3	Hexachlorobutadiene	2200		120	180	240	ug/Kg

Report of Analysis

Client:		Date Collected:	8/7/2024 12:00:00 AM
Project:		Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	OU4-TS-08-080724MS	SDG No.:	BP082024
Lab Sample ID:	P3518-15MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	28.3
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021584.D	1	8/10/2024 12:00:00 AM	8/20/2024 12:00:00 AM	PB162631

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	2500		120	380	460	ug/Kg
59-50-7	4-Chloro-3-methylphenol	2600		110	180	240	ug/Kg
91-57-6	2-Methylnaphthalene	2300		110	180	240	ug/Kg
77-47-4	Hexachlorocyclopentadiene	5200	E	220	380	460	ug/Kg
88-06-2	2,4,6-Trichlorophenol	2900		99.5	180	240	ug/Kg
95-95-4	2,4,5-Trichlorophenol	2900		100	180	240	ug/Kg
92-52-4	1,1-Biphenyl	2200		120	180	240	ug/Kg
91-58-7	2-Chloronaphthalene	2300		120	180	240	ug/Kg
88-74-4	2-Nitroaniline	2800		130	180	240	ug/Kg
131-11-3	Dimethylphthalate	2400		110	180	240	ug/Kg
208-96-8	Acenaphthylene	2600		120	180	240	ug/Kg
606-20-2	2,6-Dinitrotoluene	2600		120	180	240	ug/Kg
99-09-2	3-Nitroaniline	2400		120	180	240	ug/Kg
83-32-9	Acenaphthene	2600		110	180	240	ug/Kg
Total PAH	Total PAH	40000		1850	180	3840	ug/Kg
51-28-5	2,4-Dinitrophenol	5500	E	340	380	460	ug/Kg
100-02-7	4-Nitrophenol	6100	E	160	380	460	ug/Kg
132-64-9	Dibenzofuran	2400		120	180	240	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	5500		240	180	480	ug/Kg
121-14-2	2,4-Dinitrotoluene	2900		120	180	240	ug/Kg
84-66-2	Diethylphthalate	2400		110	180	240	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	2200		120	180	240	ug/Kg
86-73-7	Fluorene	2300		120	180	240	ug/Kg
100-01-6	4-Nitroaniline	2800		150	180	240	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	3100		160	380	460	ug/Kg
86-30-6	n-Nitrosodiphenylamine	2400		110	180	240	ug/Kg
103-33-3	Azobenzene	2200		110	180	240	ug/Kg
101-55-3	4-Bromophenyl-phenylether	2300		110	180	240	ug/Kg
118-74-1	Hexachlorobenzene	2200		120	180	240	ug/Kg
1912-24-9	Atrazine	2400		130	180	240	ug/Kg

Report of Analysis

Client:		Date Collected:	8/7/2024 12:00:00 AM
Project:		Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	OU4-TS-08-080724MS	SDG No.:	BP082024
Lab Sample ID:	P3518-15MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	28.3
Sample Wt/Vol:	30.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021584.D	1	8/10/2024 12:00:00 AM	8/20/2024 12:00:00 AM	PB162631

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	5400	E	110	380	460	ug/Kg
85-01-8	Phenanthrene	2500		120	180	240	ug/Kg
120-12-7	Anthracene	2500		120	180	240	ug/Kg
86-74-8	Carbazole	2500		110	180	240	ug/Kg
84-74-2	Di-n-butylphthalate	2400		120	180	240	ug/Kg
206-44-0	Fluoranthene	2600		110	180	240	ug/Kg
92-87-5	Benzidine	1800		230	380	460	ug/Kg
129-00-0	Pyrene	2500		120	180	240	ug/Kg
85-68-7	Butylbenzylphthalate	2600		130	180	240	ug/Kg
91-94-1	3,3-Dichlorobenzidine	2300		140	380	460	ug/Kg
56-55-3	Benzo(a)anthracene	2600		110	180	240	ug/Kg
218-01-9	Chrysene	2500		110	180	240	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	2700		130	180	240	ug/Kg
117-84-0	Di-n-octyl phthalate	2600		150	380	460	ug/Kg
205-99-2	Benzo(b)fluoranthene	2500		110	180	240	ug/Kg
207-08-9	Benzo(k)fluoranthene	2300		120	180	240	ug/Kg
50-32-8	Benzo(a)pyrene	2600		130	180	240	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	2600		110	180	240	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	2500		110	180	240	ug/Kg
191-24-2	Benzo(g,h,i)perylene	2500		110	180	240	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	2200		120	180	240	ug/Kg
123-91-1	1,4-Dioxane	1700		150	180	240	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	3100		100	180	240	ug/Kg
90-12-0	1-Methylnaphthalene	2100		120	240	240	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	87.743		18-112		58	SPK: -150
13127-88-3	Phenol-d6	85.618		15-107		57	SPK: -150
4165-60-0	Nitrobenzene-d5	61.45		18-107		61	SPK: -100
321-60-8	2-Fluorobiphenyl	43.104		20-109		43	SPK: -100

Report of Analysis

Client:		Date Collected:	8/7/2024 12:00:00 AM
Project:		Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	OU4-TS-08-080724MS	SDG No.:	BP082024
Lab Sample ID:	P3518-15MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	28.3
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021584.D	1	8/10/2024 12:00:00 AM	8/20/2024 12:00:00 AM	PB162631

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	97.814		10-116		65	SPK: -150
1718-51-0	Terphenyl-d14	39.04		10-105		39	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	352459	7.805				
1146-65-2	Naphthalene-d8	1409669	10.593				
15067-26-2	Acenaphthene-d10	889773	14.451				
1517-22-2	Phenanthrene-d10	1972753	17.263				
1719-03-5	Chrysene-d12	1896713	21.727				
1520-96-3	Perylene-d12	2370127	25.163				

Report of Analysis

Client:		Date Collected:	8/7/2024 12:00:00 AM
Project:		Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	OU4-TS-08-080724MSD	SDG No.:	BP082024
Lab Sample ID:	P3518-15MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	28.3
Sample Wt/Vol:	30.05	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
BP021585.D	1	8/10/2024 12:00:00 AM	8/20/2024 12:00:00 AM	PB162631

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	2300		120	380	460	ug/Kg
110-86-1	Pyridine	1700		110	180	240	ug/Kg
100-52-7	Benzaldehyde	250	U	250	380	460	ug/Kg
62-53-3	Aniline	1800		130	180	240	ug/Kg
108-95-2	Phenol	2600		120	180	240	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	2300		120	180	240	ug/Kg
95-57-8	2-Chlorophenol	2900		120	180	240	ug/Kg
95-50-1	1,2-Dichlorobenzene	2500		120	180	240	ug/Kg
541-73-1	1,3-Dichlorobenzene	2500		120	180	240	ug/Kg
106-46-7	1,4-Dichlorobenzene	2500		120	180	240	ug/Kg
100-51-6	Benzyl Alcohol	2500		120	380	460	ug/Kg
95-48-7	2-Methylphenol	2700		110	180	240	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	2400		130	180	240	ug/Kg
98-86-2	Acetophenone	2200		120	180	240	ug/Kg
65794-96-9	3+4-Methylphenols	2700		110	380	460	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	2000		56.1	110	110	ug/Kg
67-72-1	Hexachloroethane	2500		120	180	240	ug/Kg
98-95-3	Nitrobenzene	2500		130	180	240	ug/Kg
78-59-1	Isophorone	2200		120	180	240	ug/Kg
88-75-5	2-Nitrophenol	3300		130	180	240	ug/Kg
105-67-9	2,4-Dimethylphenol	2900		130	180	240	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	2300		120	180	240	ug/Kg
120-83-2	2,4-Dichlorophenol	3000		110	180	240	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	2500		120	180	240	ug/Kg
65-85-0	Benzoic acid	3300		330	380	460	ug/Kg
91-20-3	Naphthalene	2500		120	180	240	ug/Kg
106-47-8	4-Chloroaniline	1400		120	180	240	ug/Kg
87-68-3	Hexachlorobutadiene	2400		120	180	240	ug/Kg

Report of Analysis

Client:		Date Collected:	8/7/2024 12:00:00 AM
Project:		Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	OU4-TS-08-080724MSD	SDG No.:	BP082024
Lab Sample ID:	P3518-15MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	28.3
Sample Wt/Vol:	30.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021585.D	1	8/10/2024 12:00:00 AM	8/20/2024 12:00:00 AM	PB162631

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	2500		120	380	460	ug/Kg
59-50-7	4-Chloro-3-methylphenol	2700		110	180	240	ug/Kg
91-57-6	2-Methylnaphthalene	2400		110	180	240	ug/Kg
77-47-4	Hexachlorocyclopentadiene	5900	E	220	380	460	ug/Kg
88-06-2	2,4,6-Trichlorophenol	3200		99.4	180	240	ug/Kg
95-95-4	2,4,5-Trichlorophenol	3100		100	180	240	ug/Kg
92-52-4	1,1-Biphenyl	2400		120	180	240	ug/Kg
91-58-7	2-Chloronaphthalene	2600		120	180	240	ug/Kg
88-74-4	2-Nitroaniline	3000		130	180	240	ug/Kg
131-11-3	Dimethylphthalate	2600		110	180	240	ug/Kg
208-96-8	Acenaphthylene	2800		120	180	240	ug/Kg
606-20-2	2,6-Dinitrotoluene	2800		120	180	240	ug/Kg
99-09-2	3-Nitroaniline	2500		120	180	240	ug/Kg
83-32-9	Acenaphthene	2800		110	180	240	ug/Kg
Total PAH	Total PAH	43100		1850	180	3840	ug/Kg
51-28-5	2,4-Dinitrophenol	5600	E	340	380	460	ug/Kg
100-02-7	4-Nitrophenol	5900	E	160	380	460	ug/Kg
132-64-9	Dibenzofuran	2600		120	180	240	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	5800		240	180	480	ug/Kg
121-14-2	2,4-Dinitrotoluene	3000		120	180	240	ug/Kg
84-66-2	Diethylphthalate	2500		110	180	240	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	2400		120	180	240	ug/Kg
86-73-7	Fluorene	2400		120	180	240	ug/Kg
100-01-6	4-Nitroaniline	2700		150	180	240	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	3300		160	380	460	ug/Kg
86-30-6	n-Nitrosodiphenylamine	2600		110	180	240	ug/Kg
103-33-3	Azobenzene	2300		110	180	240	ug/Kg
101-55-3	4-Bromophenyl-phenylether	2600		110	180	240	ug/Kg
118-74-1	Hexachlorobenzene	2500		120	180	240	ug/Kg
1912-24-9	Atrazine	2500		130	180	240	ug/Kg

Report of Analysis

Client:		Date Collected:	8/7/2024 12:00:00 AM
Project:		Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	OU4-TS-08-080724MSD	SDG No.:	BP082024
Lab Sample ID:	P3518-15MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	28.3
Sample Wt/Vol:	30.05	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
BP021585.D	1	8/10/2024 12:00:00 AM	8/20/2024 12:00:00 AM	PB162631

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	5900	E	110	380	460	ug/Kg
85-01-8	Phenanthrene	2700		120	180	240	ug/Kg
120-12-7	Anthracene	2700		120	180	240	ug/Kg
86-74-8	Carbazole	2700		110	180	240	ug/Kg
84-74-2	Di-n-butylphthalate	2600		120	180	240	ug/Kg
206-44-0	Fluoranthene	2700		110	180	240	ug/Kg
92-87-5	Benzidine	2100		230	380	460	ug/Kg
129-00-0	Pyrene	2700		120	180	240	ug/Kg
85-68-7	Butylbenzylphthalate	3000		130	180	240	ug/Kg
91-94-1	3,3-Dichlorobenzidine	2600		140	380	460	ug/Kg
56-55-3	Benzo(a)anthracene	2800		110	180	240	ug/Kg
218-01-9	Chrysene	2800		110	180	240	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	3000		130	180	240	ug/Kg
117-84-0	Di-n-octyl phthalate	2900		150	380	460	ug/Kg
205-99-2	Benzo(b)fluoranthene	2600		110	180	240	ug/Kg
207-08-9	Benzo(k)fluoranthene	2700		120	180	240	ug/Kg
50-32-8	Benzo(a)pyrene	2800		130	180	240	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	2800		110	180	240	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	2700		110	180	240	ug/Kg
191-24-2	Benzo(g,h,i)perylene	2600		110	180	240	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	2400		120	180	240	ug/Kg
123-91-1	1,4-Dioxane	1700		150	180	240	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	3200		100	180	240	ug/Kg
90-12-0	1-Methylnaphthalene	2300		120	240	240	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	96.285		18-112		64	SPK: -150
13127-88-3	Phenol-d6	93.697		15-107		62	SPK: -150
4165-60-0	Nitrobenzene-d5	66.424		18-107		66	SPK: -100
321-60-8	2-Fluorobiphenyl	47.774		20-109		48	SPK: -100

Report of Analysis

Client:		Date Collected:	8/7/2024 12:00:00 AM
Project:		Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	OU4-TS-08-080724MSD	SDG No.:	BP082024
Lab Sample ID:	P3518-15MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	28.3
Sample Wt/Vol:	30.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021585.D	1	8/10/2024 12:00:00 AM	8/20/2024 12:00:00 AM	PB162631

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	99.013		10-116		66	SPK: -150
1718-51-0	Terphenyl-d14	44.031		10-105		44	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	379400	7.805				
1146-65-2	Naphthalene-d8	1550347	10.599				
15067-26-2	Acenaphthene-d10	947148	14.457				
1517-22-2	Phenanthrene-d10	1951759	17.275				
1719-03-5	Chrysene-d12	1801849	21.733				
1520-96-3	Perylene-d12	2214533	25.174				

Report of Analysis

Client:		Date Collected:	8/7/2024 12:00:00 AM
Project:		Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	OU4-TS-12-080724RE	SDG No.:	BP082024
Lab Sample ID:	P3518-23RE	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	24.9
Sample Wt/Vol:	30.06	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
BP021586.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	120	U	120	360	440	ug/Kg
110-86-1	Pyridine	110	U	110	170	230	ug/Kg
100-52-7	Benzaldehyde	240	U	240	360	440	ug/Kg
62-53-3	Aniline	130	U	130	170	230	ug/Kg
108-95-2	Phenol	110	U	110	170	230	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	110	U	110	170	230	ug/Kg
95-57-8	2-Chlorophenol	110	U	110	170	230	ug/Kg
95-50-1	1,2-Dichlorobenzene	110	U	110	170	230	ug/Kg
541-73-1	1,3-Dichlorobenzene	110	U	110	170	230	ug/Kg
106-46-7	1,4-Dichlorobenzene	110	U	110	170	230	ug/Kg
100-51-6	Benzyl Alcohol	110	U	110	360	440	ug/Kg
95-48-7	2-Methylphenol	110	U	110	170	230	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	120	U	120	170	230	ug/Kg
98-86-2	Acetophenone	120	U	120	170	230	ug/Kg
65794-96-9	3+4-Methylphenols	110	U	110	360	440	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	53.6	U	53.6	110	110	ug/Kg
67-72-1	Hexachloroethane	110	U	110	170	230	ug/Kg
98-95-3	Nitrobenzene	120	U	120	170	230	ug/Kg
78-59-1	Isophorone	110	U	110	170	230	ug/Kg
88-75-5	2-Nitrophenol	130	U	130	170	230	ug/Kg
105-67-9	2,4-Dimethylphenol	120	U	120	170	230	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	110	U	110	170	230	ug/Kg
120-83-2	2,4-Dichlorophenol	100	U	100	170	230	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	110	U	110	170	230	ug/Kg
65-85-0	Benzoic acid	310	U	310	360	440	ug/Kg
91-20-3	Naphthalene	110	U	110	170	230	ug/Kg
106-47-8	4-Chloroaniline	110	U	110	170	230	ug/Kg
87-68-3	Hexachlorobutadiene	110	U	110	170	230	ug/Kg

Report of Analysis

Client:		Date Collected:	8/7/2024 12:00:00 AM
Project:		Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	OU4-TS-12-080724RE	SDG No.:	BP082024
Lab Sample ID:	P3518-23RE	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	24.9
Sample Wt/Vol:	30.06	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
BP021586.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	120	U	120	360	440	ug/Kg
59-50-7	4-Chloro-3-methylphenol	100	U	100	170	230	ug/Kg
91-57-6	2-Methylnaphthalene	110	U	110	170	230	ug/Kg
77-47-4	Hexachlorocyclopentadiene	210	U	210	360	440	ug/Kg
88-06-2	2,4,6-Trichlorophenol	94.9	U	94.9	170	230	ug/Kg
95-95-4	2,4,5-Trichlorophenol	98.3	U	98.3	170	230	ug/Kg
92-52-4	1,1-Biphenyl	120	U	120	170	230	ug/Kg
91-58-7	2-Chloronaphthalene	110	U	110	170	230	ug/Kg
88-74-4	2-Nitroaniline	130	U	130	170	230	ug/Kg
131-11-3	Dimethylphthalate	110	U	110	170	230	ug/Kg
208-96-8	Acenaphthylene	110	U	110	170	230	ug/Kg
606-20-2	2,6-Dinitrotoluene	110	U	110	170	230	ug/Kg
99-09-2	3-Nitroaniline	120	U	120	170	230	ug/Kg
83-32-9	Acenaphthene	110	U	110	170	230	ug/Kg
Total PAH	Total PAH	1760	U	1760	170	3680	ug/Kg
51-28-5	2,4-Dinitrophenol	320	U	320	360	440	ug/Kg
100-02-7	4-Nitrophenol	150	U	150	360	440	ug/Kg
132-64-9	Dibenzofuran	110	U	110	170	230	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	220	U	220	170	460	ug/Kg
121-14-2	2,4-Dinitrotoluene	110	U	110	170	230	ug/Kg
84-66-2	Diethylphthalate	110	U	110	170	230	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	110	U	110	170	230	ug/Kg
86-73-7	Fluorene	110	U	110	170	230	ug/Kg
100-01-6	4-Nitroaniline	140	U	140	170	230	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	160	U	160	360	440	ug/Kg
86-30-6	n-Nitrosodiphenylamine	110	U	110	170	230	ug/Kg
103-33-3	Azobenzene	110	U	110	170	230	ug/Kg
101-55-3	4-Bromophenyl-phenylether	100	U	100	170	230	ug/Kg
118-74-1	Hexachlorobenzene	110	U	110	170	230	ug/Kg
1912-24-9	Atrazine	120	U	120	170	230	ug/Kg

Report of Analysis

Client:		Date Collected:	8/7/2024 12:00:00 AM
Project:		Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	OU4-TS-12-080724RE	SDG No.:	BP082024
Lab Sample ID:	P3518-23RE	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	24.9
Sample Wt/Vol:	30.06	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
BP021586.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	100	U	100	360	440	ug/Kg
85-01-8	Phenanthrene	110	U	110	170	230	ug/Kg
120-12-7	Anthracene	110	U	110	170	230	ug/Kg
86-74-8	Carbazole	110	U	110	170	230	ug/Kg
84-74-2	Di-n-butylphthalate	110	U	110	170	230	ug/Kg
206-44-0	Fluoranthene	210	J	110	170	230	ug/Kg
92-87-5	Benzidine	220	U	220	360	440	ug/Kg
129-00-0	Pyrene	180	J	110	170	230	ug/Kg
85-68-7	Butylbenzylphthalate	130	U	130	170	230	ug/Kg
91-94-1	3,3-Dichlorobenzidine	130	U	130	360	440	ug/Kg
56-55-3	Benzo(a)anthracene	110	U	110	170	230	ug/Kg
218-01-9	Chrysene	120	J	110	170	230	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	U	120	170	230	ug/Kg
117-84-0	Di-n-octyl phthalate	150	U	150	360	440	ug/Kg
205-99-2	Benzo(b)fluoranthene	170	J	110	170	230	ug/Kg
207-08-9	Benzo(k)fluoranthene	110	U	110	170	230	ug/Kg
50-32-8	Benzo(a)pyrene	120	J	120	170	230	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	100	U	100	170	230	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	110	U	110	170	230	ug/Kg
191-24-2	Benzo(g,h,i)perylene	110	U	110	170	230	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	120	U	120	170	230	ug/Kg
123-91-1	1,4-Dioxane	150	U	150	170	230	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	99.3	U	99.3	170	230	ug/Kg
90-12-0	1-Methylnaphthalene	110	U	110	230	230	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	72.469		18-112		48	SPK: -150
13127-88-3	Phenol-d6	72.203		15-107		48	SPK: -150
4165-60-0	Nitrobenzene-d5	50.536		18-107		51	SPK: -100
321-60-8	2-Fluorobiphenyl	37.178		20-109		37	SPK: -100

Report of Analysis

Client:		Date Collected:	8/7/2024 12:00:00 AM
Project:		Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	OU4-TS-12-080724RE	SDG No.:	BP082024
Lab Sample ID:	P3518-23RE	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	24.9
Sample Wt/Vol:	30.06 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
BP021586.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	85.531		10-116		57	SPK: -150
1718-51-0	Terphenyl-d14	40.046		10-105		40	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	372258	7.805				
1146-65-2	Naphthalene-d8	1569075	10.587				
15067-26-2	Acenaphthene-d10	1025827	14.445				
1517-22-2	Phenanthrene-d10	2226125	17.245				
1719-03-5	Chrysene-d12	2077776	21.704				
1520-96-3	Perylene-d12	2412095	25.145				

Report of Analysis

Client:		Date Collected:	8/7/2024 12:00:00 AM
Project:		Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	OU4-TS-13-080724RE	SDG No.:	BP082024
Lab Sample ID:	P3518-25RE	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	24.7
Sample Wt/Vol:	30.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021587.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	120	U	120	360	440	ug/Kg
110-86-1	Pyridine	110	U	110	170	230	ug/Kg
100-52-7	Benzaldehyde	240	U	240	360	440	ug/Kg
62-53-3	Aniline	130	U	130	170	230	ug/Kg
108-95-2	Phenol	110	U	110	170	230	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	110	U	110	170	230	ug/Kg
95-57-8	2-Chlorophenol	110	U	110	170	230	ug/Kg
95-50-1	1,2-Dichlorobenzene	110	U	110	170	230	ug/Kg
541-73-1	1,3-Dichlorobenzene	110	U	110	170	230	ug/Kg
106-46-7	1,4-Dichlorobenzene	110	U	110	170	230	ug/Kg
100-51-6	Benzyl Alcohol	110	U	110	360	440	ug/Kg
95-48-7	2-Methylphenol	110	U	110	170	230	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	120	U	120	170	230	ug/Kg
98-86-2	Acetophenone	120	U	120	170	230	ug/Kg
65794-96-9	3+4-Methylphenols	110	U	110	360	440	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	53.5	U	53.5	110	110	ug/Kg
67-72-1	Hexachloroethane	110	U	110	170	230	ug/Kg
98-95-3	Nitrobenzene	120	U	120	170	230	ug/Kg
78-59-1	Isophorone	110	U	110	170	230	ug/Kg
88-75-5	2-Nitrophenol	130	U	130	170	230	ug/Kg
105-67-9	2,4-Dimethylphenol	120	U	120	170	230	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	110	U	110	170	230	ug/Kg
120-83-2	2,4-Dichlorophenol	100	U	100	170	230	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	110	U	110	170	230	ug/Kg
65-85-0	Benzoic acid	310	U	310	360	440	ug/Kg
91-20-3	Naphthalene	110	U	110	170	230	ug/Kg
106-47-8	4-Chloroaniline	110	U	110	170	230	ug/Kg
87-68-3	Hexachlorobutadiene	110	U	110	170	230	ug/Kg

Report of Analysis

Client:		Date Collected:	8/7/2024 12:00:00 AM
Project:		Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	OU4-TS-13-080724RE	SDG No.:	BP082024
Lab Sample ID:	P3518-25RE	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	24.7
Sample Wt/Vol:	30.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021587.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	120	U	120	360	440	ug/Kg
59-50-7	4-Chloro-3-methylphenol	100	U	100	170	230	ug/Kg
91-57-6	2-Methylnaphthalene	110	U	110	170	230	ug/Kg
77-47-4	Hexachlorocyclopentadiene	210	U	210	360	440	ug/Kg
88-06-2	2,4,6-Trichlorophenol	94.8	U	94.8	170	230	ug/Kg
95-95-4	2,4,5-Trichlorophenol	98.2	U	98.2	170	230	ug/Kg
92-52-4	1,1-Biphenyl	120	U	120	170	230	ug/Kg
91-58-7	2-Chloronaphthalene	110	U	110	170	230	ug/Kg
88-74-4	2-Nitroaniline	130	U	130	170	230	ug/Kg
131-11-3	Dimethylphthalate	110	U	110	170	230	ug/Kg
208-96-8	Acenaphthylene	110	U	110	170	230	ug/Kg
606-20-2	2,6-Dinitrotoluene	110	U	110	170	230	ug/Kg
99-09-2	3-Nitroaniline	120	U	120	170	230	ug/Kg
83-32-9	Acenaphthene	110	U	110	170	230	ug/Kg
Total PAH	Total PAH	1760	U	1760	170	3680	ug/Kg
51-28-5	2,4-Dinitrophenol	320	U	320	360	440	ug/Kg
100-02-7	4-Nitrophenol	150	U	150	360	440	ug/Kg
132-64-9	Dibenzofuran	110	U	110	170	230	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	220	U	220	170	460	ug/Kg
121-14-2	2,4-Dinitrotoluene	110	U	110	170	230	ug/Kg
84-66-2	Diethylphthalate	110	U	110	170	230	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	110	U	110	170	230	ug/Kg
86-73-7	Fluorene	110	U	110	170	230	ug/Kg
100-01-6	4-Nitroaniline	140	U	140	170	230	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	160	U	160	360	440	ug/Kg
86-30-6	n-Nitrosodiphenylamine	110	U	110	170	230	ug/Kg
103-33-3	Azobenzene	110	U	110	170	230	ug/Kg
101-55-3	4-Bromophenyl-phenylether	100	U	100	170	230	ug/Kg
118-74-1	Hexachlorobenzene	110	U	110	170	230	ug/Kg
1912-24-9	Atrazine	120	U	120	170	230	ug/Kg

Report of Analysis

Client:		Date Collected:	8/7/2024 12:00:00 AM
Project:		Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	OU4-TS-13-080724RE	SDG No.:	BP082024
Lab Sample ID:	P3518-25RE	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	24.7
Sample Wt/Vol:	30.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021587.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	100	U	100	360	440	ug/Kg
85-01-8	Phenanthrene	140	J	110	170	230	ug/Kg
120-12-7	Anthracene	110	U	110	170	230	ug/Kg
86-74-8	Carbazole	110	U	110	170	230	ug/Kg
84-74-2	Di-n-butylphthalate	110	U	110	170	230	ug/Kg
206-44-0	Fluoranthene	310		110	170	230	ug/Kg
92-87-5	Benzidine	220	U	220	360	440	ug/Kg
129-00-0	Pyrene	280		110	170	230	ug/Kg
85-68-7	Butylbenzylphthalate	130	U	130	170	230	ug/Kg
91-94-1	3,3-Dichlorobenzidine	130	U	130	360	440	ug/Kg
56-55-3	Benzo(a)anthracene	150	J	110	170	230	ug/Kg
218-01-9	Chrysene	180	J	110	170	230	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	J	120	170	230	ug/Kg
117-84-0	Di-n-octyl phthalate	150	U	150	360	440	ug/Kg
205-99-2	Benzo(b)fluoranthene	240		110	170	230	ug/Kg
207-08-9	Benzo(k)fluoranthene	110	U	110	170	230	ug/Kg
50-32-8	Benzo(a)pyrene	190	J	120	170	230	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	120	J	100	170	230	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	110	U	110	170	230	ug/Kg
191-24-2	Benzo(g,h,i)perylene	150	J	110	170	230	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	120	U	120	170	230	ug/Kg
123-91-1	1,4-Dioxane	150	U	150	170	230	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	99.1	U	99.1	170	230	ug/Kg
90-12-0	1-Methylnaphthalene	110	U	110	230	230	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	82.188		18-112		55	SPK: -150
13127-88-3	Phenol-d6	81.418		15-107		54	SPK: -150
4165-60-0	Nitrobenzene-d5	58.049		18-107		58	SPK: -100
321-60-8	2-Fluorobiphenyl	42.099		20-109		42	SPK: -100

Report of Analysis

Client:		Date Collected:	8/7/2024 12:00:00 AM
Project:		Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	OU4-TS-13-080724RE	SDG No.:	BP082024
Lab Sample ID:	P3518-25RE	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	24.7
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021587.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	96.276		10-116		64	SPK: -150
1718-51-0	Terphenyl-d14	43.74		10-105		44	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	322697	7.805				
1146-65-2	Naphthalene-d8	1353878	10.593				
15067-26-2	Acenaphthene-d10	901779	14.451				
1517-22-2	Phenanthrene-d10	1999925	17.263				
1719-03-5	Chrysene-d12	1856414	21.727				
1520-96-3	Perylene-d12	2198041	25.162				

Report of Analysis

Client:		Date Collected:	8/7/2024 12:00:00 AM
Project:		Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	OU4-TS-15-080724RE	SDG No.:	BP082024
Lab Sample ID:	P3518-29RE	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	29
Sample Wt/Vol:	30.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021588.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	120	U	120	380	460	ug/Kg
110-86-1	Pyridine	110	U	110	180	240	ug/Kg
100-52-7	Benzaldehyde	260	U	260	380	460	ug/Kg
62-53-3	Aniline	140	U	140	180	240	ug/Kg
108-95-2	Phenol	120	U	120	180	240	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	120	U	120	180	240	ug/Kg
95-57-8	2-Chlorophenol	120	U	120	180	240	ug/Kg
95-50-1	1,2-Dichlorobenzene	120	U	120	180	240	ug/Kg
541-73-1	1,3-Dichlorobenzene	120	U	120	180	240	ug/Kg
106-46-7	1,4-Dichlorobenzene	120	U	120	180	240	ug/Kg
100-51-6	Benzyl Alcohol	120	U	120	380	460	ug/Kg
95-48-7	2-Methylphenol	110	U	110	180	240	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	130	U	130	180	240	ug/Kg
98-86-2	Acetophenone	120	U	120	180	240	ug/Kg
65794-96-9	3+4-Methylphenols	110	U	110	380	460	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	56.7	U	56.7	110	110	ug/Kg
67-72-1	Hexachloroethane	120	U	120	180	240	ug/Kg
98-95-3	Nitrobenzene	130	U	130	180	240	ug/Kg
78-59-1	Isophorone	120	U	120	180	240	ug/Kg
88-75-5	2-Nitrophenol	130	U	130	180	240	ug/Kg
105-67-9	2,4-Dimethylphenol	130	U	130	180	240	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	120	U	120	180	240	ug/Kg
120-83-2	2,4-Dichlorophenol	110	U	110	180	240	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	120	U	120	180	240	ug/Kg
65-85-0	Benzoic acid	330	U	330	380	460	ug/Kg
91-20-3	Naphthalene	120	U	120	180	240	ug/Kg
106-47-8	4-Chloroaniline	120	U	120	180	240	ug/Kg
87-68-3	Hexachlorobutadiene	120	U	120	180	240	ug/Kg

Report of Analysis

Client:		Date Collected:	8/7/2024 12:00:00 AM
Project:		Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	OU4-TS-15-080724RE	SDG No.:	BP082024
Lab Sample ID:	P3518-29RE	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	29
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021588.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	120	U	120	380	460	ug/Kg
59-50-7	4-Chloro-3-methylphenol	110	U	110	180	240	ug/Kg
91-57-6	2-Methylnaphthalene	120	U	120	180	240	ug/Kg
77-47-4	Hexachlorocyclopentadiene	220	U	220	380	460	ug/Kg
88-06-2	2,4,6-Trichlorophenol	100	U	100	180	240	ug/Kg
95-95-4	2,4,5-Trichlorophenol	100	U	100	180	240	ug/Kg
92-52-4	1,1-Biphenyl	120	U	120	180	240	ug/Kg
91-58-7	2-Chloronaphthalene	120	U	120	180	240	ug/Kg
88-74-4	2-Nitroaniline	130	U	130	180	240	ug/Kg
131-11-3	Dimethylphthalate	110	U	110	180	240	ug/Kg
208-96-8	Acenaphthylene	120	U	120	180	240	ug/Kg
606-20-2	2,6-Dinitrotoluene	120	U	120	180	240	ug/Kg
99-09-2	3-Nitroaniline	130	U	130	180	240	ug/Kg
83-32-9	Acenaphthene	110	U	110	180	240	ug/Kg
Total PAH	Total PAH	2460	U	1850	180	3840	ug/Kg
51-28-5	2,4-Dinitrophenol	340	U	340	380	460	ug/Kg
100-02-7	4-Nitrophenol	160	U	160	380	460	ug/Kg
132-64-9	Dibenzofuran	120	U	120	180	240	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	240	U	240	180	480	ug/Kg
121-14-2	2,4-Dinitrotoluene	120	U	120	180	240	ug/Kg
84-66-2	Diethylphthalate	110	U	110	180	240	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	120	U	120	180	240	ug/Kg
86-73-7	Fluorene	120	U	120	180	240	ug/Kg
100-01-6	4-Nitroaniline	150	U	150	180	240	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	160	U	160	380	460	ug/Kg
86-30-6	n-Nitrosodiphenylamine	110	U	110	180	240	ug/Kg
103-33-3	Azobenzene	110	U	110	180	240	ug/Kg
101-55-3	4-Bromophenyl-phenylether	110	U	110	180	240	ug/Kg
118-74-1	Hexachlorobenzene	120	U	120	180	240	ug/Kg
1912-24-9	Atrazine	130	U	130	180	240	ug/Kg

Report of Analysis

Client:		Date Collected:	8/7/2024 12:00:00 AM
Project:		Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	OU4-TS-15-080724RE	SDG No.:	BP082024
Lab Sample ID:	P3518-29RE	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	29
Sample Wt/Vol:	30.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021588.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	110	U	110	380	460	ug/Kg
85-01-8	Phenanthrene	230	J	120	180	240	ug/Kg
120-12-7	Anthracene	120	U	120	180	240	ug/Kg
86-74-8	Carbazole	110	U	110	180	240	ug/Kg
84-74-2	Di-n-butylphthalate	120	U	120	180	240	ug/Kg
206-44-0	Fluoranthene	500		110	180	240	ug/Kg
92-87-5	Benzidine	230	U	230	380	460	ug/Kg
129-00-0	Pyrene	440		120	180	240	ug/Kg
85-68-7	Butylbenzylphthalate	140	U	140	180	240	ug/Kg
91-94-1	3,3-Dichlorobenzidine	140	U	140	380	460	ug/Kg
56-55-3	Benzo(a)anthracene	230	J	110	180	240	ug/Kg
218-01-9	Chrysene	230	J	110	180	240	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	130	U	130	180	240	ug/Kg
117-84-0	Di-n-octyl phthalate	150	U	150	380	460	ug/Kg
205-99-2	Benzo(b)fluoranthene	300		110	180	240	ug/Kg
207-08-9	Benzo(k)fluoranthene	120	U	120	180	240	ug/Kg
50-32-8	Benzo(a)pyrene	240		130	180	240	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	140	J	110	180	240	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	110	U	110	180	240	ug/Kg
191-24-2	Benzo(g,h,i)perylene	150	J	110	180	240	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	120	U	120	180	240	ug/Kg
123-91-1	1,4-Dioxane	150	U	150	180	240	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	110	U	110	180	240	ug/Kg
90-12-0	1-Methylnaphthalene	120	U	120	240	240	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	83.185		18-112		55	SPK: -150
13127-88-3	Phenol-d6	80.566		15-107		54	SPK: -150
4165-60-0	Nitrobenzene-d5	58.672		18-107		59	SPK: -100
321-60-8	2-Fluorobiphenyl	38.695		20-109		39	SPK: -100

Report of Analysis

Client:		Date Collected:	8/7/2024 12:00:00 AM
Project:		Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	OU4-TS-15-080724RE	SDG No.:	BP082024
Lab Sample ID:	P3518-29RE	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	29
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021588.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	95.355		10-116		64	SPK: -150
1718-51-0	Terphenyl-d14	40.172		10-105		40	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	373642	7.804				
1146-65-2	Naphthalene-d8	1543145	10.592				
15067-26-2	Acenaphthene-d10	1010899	14.457				
1517-22-2	Phenanthrene-d10	2225793	17.274				
1719-03-5	Chrysene-d12	2026973	21.727				
1520-96-3	Perylene-d12	2361305	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:	917-J-WS-081624	SDG No.:	BP082024
Lab Sample ID:	P3657-01	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	960	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
BP021589.D	1	8/19/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162822

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1.1	U	1.1	8.3	10.4	ug/L
110-86-1	Pyridine	1.6	U	1.6	4.2	5.2	ug/L
100-52-7	Benzaldehyde	4.2	U	4.2	8.3	10.4	ug/L
62-53-3	Aniline	1.7	U	1.7	4.2	5.2	ug/L
108-95-2	Phenol	0.97	U	0.97	4.2	5.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	1.2	U	1.2	4.2	5.2	ug/L
95-57-8	2-Chlorophenol	0.74	U	0.74	4.2	5.2	ug/L
95-50-1	1,2-Dichlorobenzene	0.92	U	0.92	4.2	5.2	ug/L
541-73-1	1,3-Dichlorobenzene	0.83	U	0.83	4.2	5.2	ug/L
106-46-7	1,4-Dichlorobenzene	0.88	U	0.88	4.2	5.2	ug/L
100-51-6	Benzyl Alcohol	1.7	U	1.7	8.3	10.4	ug/L
95-48-7	2-Methylphenol	1.2	U	1.2	4.2	5.2	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.4	U	1.4	4.2	5.2	ug/L
98-86-2	Acetophenone	1.1	U	1.1	4.2	5.2	ug/L
65794-96-9	3+4-Methylphenols	1.2	U	1.2	8.3	10.4	ug/L
621-64-7	n-Nitroso-di-n-propylamine	1.5	U	1.5	2.6	2.6	ug/L
67-72-1	Hexachloroethane	1.1	U	1.1	4.2	5.2	ug/L
98-95-3	Nitrobenzene	1.3	U	1.3	4.2	5.2	ug/L
78-59-1	Isophorone	1.2	U	1.2	4.2	5.2	ug/L
88-75-5	2-Nitrophenol	2	U	2	4.2	5.2	ug/L
105-67-9	2,4-Dimethylphenol	1.6	U	1.6	4.2	5.2	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1.1	U	1.1	4.2	5.2	ug/L
120-83-2	2,4-Dichlorophenol	0.92	U	0.92	4.2	5.2	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.1	U	1.1	4.2	5.2	ug/L
65-85-0	Benzoic acid	5.7	U	5.7	8.3	10.4	ug/L
91-20-3	Naphthalene	1.1	U	1.1	4.2	5.2	ug/L
106-47-8	4-Chloroaniline	1.4	U	1.4	4.2	5.2	ug/L
87-68-3	Hexachlorobutadiene	1.3	U	1.3	4.2	5.2	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:	917-J-WS-081624	SDG No.:	BP082024
Lab Sample ID:	P3657-01	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	960	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
BP021589.D	1	8/19/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162822

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1.7	U	1.7	8.3	10.4	ug/L
59-50-7	4-Chloro-3-methylphenol	0.88	U	0.88	4.2	5.2	ug/L
91-57-6	2-Methylnaphthalene	1.2	U	1.2	4.2	5.2	ug/L
77-47-4	Hexachlorocyclopentadiene	5.2	U	5.2	8.3	10.4	ug/L
88-06-2	2,4,6-Trichlorophenol	0.93	U	0.93	4.2	5.2	ug/L
95-95-4	2,4,5-Trichlorophenol	1.1	U	1.1	4.2	5.2	ug/L
92-52-4	1,1-Biphenyl	0.95	U	0.95	4.2	5.2	ug/L
91-58-7	2-Chloronaphthalene	1	U	1	4.2	5.2	ug/L
88-74-4	2-Nitroaniline	1.5	U	1.5	4.2	5.2	ug/L
131-11-3	Dimethylphthalate	0.97	U	0.97	4.2	5.2	ug/L
208-96-8	Acenaphthylene	1.1	U	1.1	4.2	5.2	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	1.3	4.2	5.2	ug/L
99-09-2	3-Nitroaniline	1.4	U	1.4	4.2	5.2	ug/L
83-32-9	Acenaphthene	0.84	U	0.84	4.2	5.2	ug/L
Total PAH	Total PAH	17.95	U	17.95	4.2	83.2	ug/L
51-28-5	2,4-Dinitrophenol	6.7	U	6.7	8.3	10.4	ug/L
100-02-7	4-Nitrophenol	2.1	U	2.1	8.3	10.4	ug/L
132-64-9	Dibenzofuran	0.97	U	0.97	4.2	5.2	ug/L
121-14-2	2,4-Dinitrotoluene	1.6	U	1.6	4.2	5.2	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2.9	U	2.9	4.2	10.4	ug/L
84-66-2	Diethylphthalate	1.1	U	1.1	4.2	5.2	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1	U	1	4.2	5.2	ug/L
86-73-7	Fluorene	1	U	1	4.2	5.2	ug/L
100-01-6	4-Nitroaniline	2.1	U	2.1	4.2	5.2	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	3.2	U	3.2	8.3	10.4	ug/L
86-30-6	n-Nitrosodiphenylamine	0.93	U	0.93	4.2	5.2	ug/L
103-33-3	Azobenzene	1.3	U	1.3	4.2	5.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.99	U	0.99	4.2	5.2	ug/L
118-74-1	Hexachlorobenzene	1.2	U	1.2	4.2	5.2	ug/L
1912-24-9	Atrazine	1.3	U	1.3	4.2	5.2	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:	917-J-WS-081624	SDG No.:	BP082024
Lab Sample ID:	P3657-01	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	960	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
BP021589.D	1	8/19/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162822

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1.9	U	1.9	8.3	10.4	ug/L
85-01-8	Phenanthrene	0.93	U	0.93	4.2	5.2	ug/L
120-12-7	Anthracene	1.1	U	1.1	4.2	5.2	ug/L
86-74-8	Carbazole	1.2	U	1.2	4.2	5.2	ug/L
84-74-2	Di-n-butylphthalate	1.5	U	1.5	4.2	5.2	ug/L
206-44-0	Fluoranthene	1.3	U	1.3	4.2	5.2	ug/L
92-87-5	Benzidine	4.2	U	4.2	8.3	10.4	ug/L
129-00-0	Pyrene	1.1	U	1.1	4.2	5.2	ug/L
85-68-7	Butylbenzylphthalate	2.2	U	2.2	4.2	5.2	ug/L
91-94-1	3,3-Dichlorobenzidine	1.3	U	1.3	8.3	10.4	ug/L
56-55-3	Benzo(a)anthracene	0.98	U	0.98	4.2	5.2	ug/L
218-01-9	Chrysene	0.9	U	0.9	4.2	5.2	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	2	U	2	4.2	5.2	ug/L
117-84-0	Di-n-octyl phthalate	2.6	U	2.6	8.3	10.4	ug/L
205-99-2	Benzo(b)fluoranthene	1.2	U	1.2	4.2	5.2	ug/L
207-08-9	Benzo(k)fluoranthene	1.2	U	1.2	4.2	5.2	ug/L
50-32-8	Benzo(a)pyrene	1.7	U	1.7	4.2	5.2	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.1	U	1.1	4.2	5.2	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	4.2	5.2	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	4.2	5.2	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.1	U	1.1	4.2	5.2	ug/L
123-91-1	1,4-Dioxane	1.3	U	1.3	4.2	5.2	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.82	U	0.82	4.2	5.2	ug/L
90-12-0	1-Methylnaphthalene	0.9	U	0.9	4.2	5.2	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	52.092		10-139		35	SPK: -150
13127-88-3	Phenol-d6	32.947		10-134		22	SPK: -150
4165-60-0	Nitrobenzene-d5	82.029		49-133		82	SPK: -100
321-60-8	2-Fluorobiphenyl	76.313		52-132		76	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:	917-J-WS-081624	SDG No.:	BP082024
Lab Sample ID:	P3657-01	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	960	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
BP021589.D	1	8/19/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162822

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	179.043		44-137		119	SPK: -150
1718-51-0	Terphenyl-d14	96.011		48-125		96	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	352980	7.805				
1146-65-2	Naphthalene-d8	1458861	10.599				
15067-26-2	Acenaphthene-d10	956855	14.457				
1517-22-2	Phenanthrene-d10	2099848	17.269				
1719-03-5	Chrysene-d12	1963856	21.727				
1520-96-3	Perylene-d12	2261178	25.168				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	130	J			3.028	
000770-35-4	1-Phenoxypropan-2-ol	2.4	J			11.334	
000057-10-3	n-Hexadecanoic acid	5.9	J			18.216	
000545-47-1	Lupeol	11.1	J			18.416	
000638-95-9	.alpha.-Amyrin	2.6	J			18.757	
	unknown	19.534	J			19.534	
000489-84-9	Azulene, 1,4-dimethyl-7-(1-methyle	2.5	J			21.092	
015306-27-1	Heptacos-1-ene	5.7	J			21.404	

Hit Summary Sheet SW-846

SDG No.: BP082024

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : OU4-TS-08-080724RE								
P3518-15RE	OU4-TS-08-080724RE	Solid	Fluoranthene	130.000	J	110	240	ug/Kg
Total Svoc :				130.00				
Total Concentration:				130.00				
Client ID : OU4-TS-12-080724RE								
P3518-23RE	OU4-TS-12-080724RE	Solid	Benzo(a)pyrene	120.000	J	120	230	ug/Kg
P3518-23RE	OU4-TS-12-080724RE	Solid	Benzo(b)fluoranthene	170.000	J	110	230	ug/Kg
P3518-23RE	OU4-TS-12-080724RE	Solid	Chrysene	120.000	J	110	230	ug/Kg
P3518-23RE	OU4-TS-12-080724RE	Solid	Fluoranthene	210.000	J	110	230	ug/Kg
P3518-23RE	OU4-TS-12-080724RE	Solid	Pyrene	180.000	J	110	230	ug/Kg
Total Svoc :				800.00				
Total Concentration:				800.00				
Client ID : OU4-TS-13-080724RE								
P3518-25RE	OU4-TS-13-080724RE	Solid	Benzo(a)anthracene	150.000	J	110	230	ug/Kg
P3518-25RE	OU4-TS-13-080724RE	Solid	Benzo(a)pyrene	190.000	J	120	230	ug/Kg
P3518-25RE	OU4-TS-13-080724RE	Solid	Benzo(b)fluoranthene	240.000		110	230	ug/Kg
P3518-25RE	OU4-TS-13-080724RE	Solid	Benzo(g,h,i)perylene	150.000	J	110	230	ug/Kg
P3518-25RE	OU4-TS-13-080724RE	Solid	Bis(2-ethylhexyl)phthalate	120.000	J	120	230	ug/Kg
P3518-25RE	OU4-TS-13-080724RE	Solid	Chrysene	180.000	J	110	230	ug/Kg
P3518-25RE	OU4-TS-13-080724RE	Solid	Fluoranthene	310.000		110	230	ug/Kg
P3518-25RE	OU4-TS-13-080724RE	Solid	Indeno(1,2,3-cd)pyrene	120.000	J	100	230	ug/Kg
P3518-25RE	OU4-TS-13-080724RE	Solid	Phenanthrene	140.000	J	110	230	ug/Kg
P3518-25RE	OU4-TS-13-080724RE	Solid	Pyrene	280.000		110	230	ug/Kg
Total Svoc :				1,880.00				
Total Concentration:				1,880.00				
Client ID : OU4-TS-15-080724RE								
P3518-29RE	OU4-TS-15-080724RE	Solid	Benzo(a)anthracene	230.000	J	110	240	ug/Kg
P3518-29RE	OU4-TS-15-080724RE	Solid	Benzo(a)pyrene	240.000		130	240	ug/Kg
P3518-29RE	OU4-TS-15-080724RE	Solid	Benzo(b)fluoranthene	300.000		110	240	ug/Kg
P3518-29RE	OU4-TS-15-080724RE	Solid	Benzo(g,h,i)perylene	150.000	J	110	240	ug/Kg
P3518-29RE	OU4-TS-15-080724RE	Solid	Chrysene	230.000	J	110	240	ug/Kg
P3518-29RE	OU4-TS-15-080724RE	Solid	Fluoranthene	500.000		110	240	ug/Kg
P3518-29RE	OU4-TS-15-080724RE	Solid	Indeno(1,2,3-cd)pyrene	140.000	J	110	240	ug/Kg
P3518-29RE	OU4-TS-15-080724RE	Solid	Phenanthrene	230.000	J	120	240	ug/Kg
P3518-29RE	OU4-TS-15-080724RE	Solid	Pyrene	440.000		120	240	ug/Kg
Total Svoc :				2,460.00				
Total Concentration:				2,460.00				

Hit Summary Sheet SW-846

SDG No.: BP082024

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : OU4-TS-17-080724RE								
P3519-03RE	OU4-TS-17-080724RE	Solid	Anthracene	120.000	J	120	240	ug/Kg
P3519-03RE	OU4-TS-17-080724RE	Solid	Benzo(a)anthracene	270.000		110	240	ug/Kg
P3519-03RE	OU4-TS-17-080724RE	Solid	Benzo(a)pyrene	290.000		130	240	ug/Kg
P3519-03RE	OU4-TS-17-080724RE	Solid	Benzo(b)fluoranthene	330.000		110	240	ug/Kg
P3519-03RE	OU4-TS-17-080724RE	Solid	Benzo(g,h,i)perylene	170.000	J	110	240	ug/Kg
P3519-03RE	OU4-TS-17-080724RE	Solid	Chrysene	280.000		110	240	ug/Kg
P3519-03RE	OU4-TS-17-080724RE	Solid	Di-n-butylphthalate	160.000	J	120	240	ug/Kg
P3519-03RE	OU4-TS-17-080724RE	Solid	Diethylphthalate	110.000	J	110	240	ug/Kg
P3519-03RE	OU4-TS-17-080724RE	Solid	Fluoranthene	620.000		110	240	ug/Kg
P3519-03RE	OU4-TS-17-080724RE	Solid	Indeno(1,2,3-cd)pyrene	150.000	J	110	240	ug/Kg
P3519-03RE	OU4-TS-17-080724RE	Solid	Phenanthrene	440.000		120	240	ug/Kg
P3519-03RE	OU4-TS-17-080724RE	Solid	Pyrene	520.000		120	240	ug/Kg

Total Svoc : 3,460.00

Total Concentration: 3,460.00

Client ID : VCPS-B3-081324-10-18

P3600-06	VCPS-B3-081324-10-18	Solid	1-Phenoxypropan-2-ol	*	200.000	J		
P3600-06	VCPS-B3-081324-10-18	Solid	10,18-Bisnorabieta-5,7,9(10),11,1	*	130.000	J		
P3600-06	VCPS-B3-081324-10-18	Solid	13-Docosenamide, (Z)-	*	160.000	J		
P3600-06	VCPS-B3-081324-10-18	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	200.000	A		
P3600-06	VCPS-B3-081324-10-18	Solid	Butane, 2-methoxy-2-methyl-	*	2,400.000	J		
P3600-06	VCPS-B3-081324-10-18	Solid	Butyl citrate	*	250.000	J		
P3600-06	VCPS-B3-081324-10-18	Solid	Cyclohexane, nonadecyl-	*	130.000	J		
P3600-06	VCPS-B3-081324-10-18	Solid	Hexadecane	*	120.000	J		
P3600-06	VCPS-B3-081324-10-18	Solid	n-Hexadecanoic acid	*	260.000	J		
P3600-06	VCPS-B3-081324-10-18	Solid	Nonadecane	*	100.000	J		
P3600-06	VCPS-B3-081324-10-18	Solid	Pentadecane, 2,6,10-trimethyl-	*	200.000	J		
P3600-06	VCPS-B3-081324-10-18	Solid	Propylene Glycol	*	150.000	J		
P3600-06	VCPS-B3-081324-10-18	Solid	Retene	*	580.000	J		

Total Tics : 4,880.00

P3600-06	VCPS-B3-081324-10-18	Solid	Benzo(a)anthracene		180.000	J	100	210	ug/Kg
P3600-06	VCPS-B3-081324-10-18	Solid	Benzo(a)pyrene		170.000	J	120	210	ug/Kg
P3600-06	VCPS-B3-081324-10-18	Solid	Benzo(b)fluoranthene		190.000	J	100	210	ug/Kg
P3600-06	VCPS-B3-081324-10-18	Solid	Chrysene		200.000	J	99	210	ug/Kg
P3600-06	VCPS-B3-081324-10-18	Solid	Fluoranthene		320.000		100	210	ug/Kg
P3600-06	VCPS-B3-081324-10-18	Solid	Phenanthrene		260.000		100	210	ug/Kg
P3600-06	VCPS-B3-081324-10-18	Solid	Pyrene		290.000		100	210	ug/Kg

Total Svoc : 1,610.00

Total Concentration: 6,490.00

Client ID : 924-K1-SD-0.5-1.0-081524

Hit Summary Sheet SW-846

SDG No.: BP082024

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3643-10	924-K1-SD-0.5-1.0-0815	Solid	1-Phenoxypropan-2-ol	*	150.000	J		
P3643-10	924-K1-SD-0.5-1.0-0815	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	170.000	A		
P3643-10	924-K1-SD-0.5-1.0-0815	Solid	Butane, 2-methoxy-2-methyl-	*	2,600.000	J		
P3643-10	924-K1-SD-0.5-1.0-0815	Solid	n-Hexadecanoic acid	*	110.000	J		
P3643-10	924-K1-SD-0.5-1.0-0815	Solid	n-Nonadecanol-1	*	170.000	J		
P3643-10	924-K1-SD-0.5-1.0-0815	Solid	Propylene Glycol	*	95.300	J		
P3643-10	924-K1-SD-0.5-1.0-0815	Solid	unknown14.687	*	880.000	J		
Total Tics :					4,175.30			
Total Concentration:					4,175.30			
Client ID : 921-J-SD-0.5-1.0-081524								
P3643-12	921-J-SD-0.5-1.0-081524	Solid	1-Phenoxypropan-2-ol	*	130.000	J		
P3643-12	921-J-SD-0.5-1.0-081524	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	140.000	A		
P3643-12	921-J-SD-0.5-1.0-081524	Solid	Butane, 2-methoxy-2-methyl-	*	1,900.000	J		
P3643-12	921-J-SD-0.5-1.0-081524	Solid	n-Hexadecanoic acid	*	120.000	J		
P3643-12	921-J-SD-0.5-1.0-081524	Solid	n-Nonadecanol-1	*	190.000	J		
P3643-12	921-J-SD-0.5-1.0-081524	Solid	Propylene Glycol	*	95.400	J		
P3643-12	921-J-SD-0.5-1.0-081524	Solid	unknown14.681	*	430.000	J		
Total Tics :					3,005.40			
Total Concentration:					3,005.40			
Client ID : 921-K1-SD-0.5-1.0-081524-FD								
P3643-14	921-K1-SD-0.5-1.0-0815	Solid	1-Phenoxypropan-2-ol	*	120.000	J		
P3643-14	921-K1-SD-0.5-1.0-0815	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	140.000	A		
P3643-14	921-K1-SD-0.5-1.0-0815	Solid	Butane, 2-methoxy-2-methyl-	*	1,700.000	J		
P3643-14	921-K1-SD-0.5-1.0-0815	Solid	Dichloroacetic acid, heptadecyl es	*	150.000	J		
P3643-14	921-K1-SD-0.5-1.0-0815	Solid	n-Hexadecanoic acid	*	140.000	J		
P3643-14	921-K1-SD-0.5-1.0-0815	Solid	Propylene Glycol	*	98.800	J		
Total Tics :					2,348.80			
Total Concentration:					2,348.80			
Client ID : RW7-SP100-20240814								
P3650-01	RW7-SP100-20240814	Water	Butane, 2-methoxy-2-methyl-	*	150.000	J		
P3650-01	RW7-SP100-20240814	Water	Cyclopentaneacetic acid, 3-oxo-2-	*	2.000	J		
P3650-01	RW7-SP100-20240814	Water	n-Hexadecanoic acid	*	15.100	J		
P3650-01	RW7-SP100-20240814	Water	Octadecanoic acid	*	4.400	J		
P3650-01	RW7-SP100-20240814	Water	Oleic Acid	*	2.100	J		
Total Tics :					173.60			
P3650-01	RW7-SP100-20240814	Water	1,4-Dioxane		5.200	1.3	5	ug/L
P3650-01	RW7-SP100-20240814	Water	Bis(2-ethylhexyl)phthalate		3.500	J 1.9	5	ug/L
P3650-01	RW7-SP100-20240814	Water	Di-n-butylphthalate		7.000	1.5	5	ug/L
P3650-01	RW7-SP100-20240814	Water	Diethylphthalate		4.100	J 1	5	ug/L

Hit Summary Sheet SW-846

SDG No.: BP082024

Client:

Sample ID	Client ID		Parameter		Concentration	C	MDL	RDL	Units
			Total Svoc :				19.80		
			Total Concentration:				193.40		
Client ID : RW7-SP303-20240814									
P3650-04	RW7-SP303-20240814	Water	Butane, 2-methoxy-2-methyl-	*	150.000	J			
P3650-04	RW7-SP303-20240814	Water	n-Hexadecanoic acid	*	3.500	J			
			Total Tics :				153.50		
P3650-04	RW7-SP303-20240814	Water	Bis(2-ethylhexyl)phthalate		2.800	J	1.9	5	ug/L
P3650-04	RW7-SP303-20240814	Water	Di-n-butylphthalate		4.900	J	1.5	5	ug/L
P3650-04	RW7-SP303-20240814	Water	Diethylphthalate		2.900	J	1	5	ug/L
			Total Svoc :				10.60		
			Total Concentration:				164.10		
Client ID : 917-J-WS-081624									
P3657-01	917-J-WS-081624	Water	.alpha.-Amyrin	*	2.600	J			
P3657-01	917-J-WS-081624	Water	1-Phenoxypropan-2-ol	*	2.400	J			
P3657-01	917-J-WS-081624	Water	Azulene, 1,4-dimethyl-7-(1-methy	*	2.500	J			
P3657-01	917-J-WS-081624	Water	Butane, 2-methoxy-2-methyl-	*	130.000	J			
P3657-01	917-J-WS-081624	Water	Heptacos-1-ene	*	5.700	J			
P3657-01	917-J-WS-081624	Water	Lupeol	*	11.100	J			
P3657-01	917-J-WS-081624	Water	n-Hexadecanoic acid	*	5.900	J			
P3657-01	917-J-WS-081624	Water	unknown19.534	*	4.300	J			
			Total Tics :				164.50		
			Total Concentration:				164.50		



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.: BP082024 SAS No.: BP082024 SDG NO.: BP082024

EPA Sample No.: SSTDICCC040 Date Analyzed: Aug 20 2024 12:00AM

Lab File ID: BP021485.D Time Analyzed: 10:49

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 PB162822BL	385209	7.81	1.56054e	10.59	1.02193e	14.45
02 PB162822BS	494651	7.81	2.07318e	10.60	1.38938e	14.45
03 PB162822BSD	491039	7.81	2.0182e+	10.59	1.31874e	14.46
04 RW7-SP100-20240814	340744	7.81	1.37143e	10.59	924143	14.45
05 RW7-SP303-20240814	346806	7.81	1.36819e	10.59	903455	14.45
06 OU4-TS-17-080724RE	390276	7.80	1.60014e	10.59	1.01704e	14.45
07 PB162631BL	347992	7.81	1.39553e	10.59	914555	14.46
08 924-K1-SD-0.5-1.0-081524	277615	7.80	1.10443e	10.59	726994	14.45
09 921-J-SD-0.5-1.0-081524	329707	7.80	1.30612e	10.59	889174	14.46
10 921-K1-SD-0.5-1.0-081524-FD	309852	7.81	1.26006e	10.60	848208	14.46
11 VCPS-B3-081324-10-18	349343	7.80	1.44666e	10.59	970406	14.45
12 VCPS-B3-081324-10-18MS	322458	7.80	1.31403e	10.59	861400	14.45
13 VCPS-B3-081324-10-18MSD	371100	7.80	1.50395e	10.59	933303	14.45
14 OU4-TS-08-080724RE	368812	7.80	1.57063e	10.59	1.0462e+	14.45
15 OU4-TS-08-080724MS	352459	7.81	1.40967e	10.59	889773	14.45
16 OU4-TS-08-080724MSD	379400	7.81	1.55035e	10.60	947148	14.46
17 OU4-TS-12-080724RE	372258	7.81	1.56908e	10.59	1.02583e	14.45
18 OU4-TS-13-080724RE	322697	7.81	1.35388e	10.59	901779	14.45
19 OU4-TS-15-080724RE	373642	7.80	1.54315e	10.59	1.0109e+	14.46
20 917-J-WS-081624	352980	7.81	1.45886e	10.60	956855	14.46

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP082024 SAS No.: BP082024 SDG NO.: BP082024

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

Lab File ID: BP021485.D Time Analyzed: 02:44

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.						

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.: BP082024 SAS No.: BP082024 SDG NO.: BP082024

EPA Sample No.: SSTDCCC040 Date Analyzed: Aug 20 2024 12:00AM

Lab File ID: BP021566.D Time Analyzed: 10:49

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	357434	7.805	1.45401e+01	10.59	971251	14.45
UPPER LIMIT	714868	8.305	2908020	11.093	1942502	14.951
LOWER LIMIT	178717	7.305	727005	10.093	485625.5	13.951
EPA SAMPLE NO.						
01 PB162822BL	385209	7.81	1.56054e	10.59	1.02193e	14.45
02 PB162822BS	494651	7.81	2.07318e	10.60	1.38938e	14.45
03 PB162822BSD	491039	7.81	2.0182e+	10.59	1.31874e	14.46
04 RW7-SP100-20240814	340744	7.81	1.37143e	10.59	924143	14.45
05 RW7-SP303-20240814	346806	7.81	1.36819e	10.59	903455	14.45
06 OU4-TS-17-080724RE	390276	7.80	1.60014e	10.59	1.01704e	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.: BP082024 SAS No.: BP082024 SDG NO.: BP082024

EPA Sample No.: SSTDCCC040 Date Analyzed: Aug 20 2024 12:00AM

Lab File ID: BP021575.D Time Analyzed: 17:24

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	372530	7.805	1.56375e+00	10.59	1.06885e+00	14.46
UPPER LIMIT	745060	8.305	3127500	11.093	2137700	14.963
LOWER LIMIT	186265	7.305	781875	10.093	534425	13.963
EPA SAMPLE NO.						
01 PB162631BL	347992	7.81	1.39553e	10.59	914555	14.46
02 924-K1-SD-0.5-1.0-081524	277615	7.80	1.10443e	10.59	726994	14.45
03 921-J-SD-0.5-1.0-081524	329707	7.80	1.30612e	10.59	889174	14.46
04 921-K1-SD-0.5-1.0-081524-FD	309852	7.81	1.26006e	10.60	848208	14.46
05 VCPS-B3-081324-10-18	349343	7.80	1.44666e	10.59	970406	14.45
06 VCPS-B3-081324-10-18MS	322458	7.80	1.31403e	10.59	861400	14.45
07 VCPS-B3-081324-10-18MSD	371100	7.80	1.50395e	10.59	933303	14.45
08 OU4-TS-08-080724RE	368812	7.80	1.57063e	10.59	1.0462e+	14.45
09 OU4-TS-08-080724MS	352459	7.81	1.40967e	10.59	889773	14.45
10 OU4-TS-08-080724MSD	379400	7.81	1.55035e	10.60	947148	14.46
11 OU4-TS-12-080724RE	372258	7.81	1.56908e	10.59	1.02583e	14.45
12 OU4-TS-13-080724RE	322697	7.81	1.35388e	10.59	901779	14.45
13 OU4-TS-15-080724RE	373642	7.80	1.54315e	10.59	1.0109e+	14.46
14 917-J-WS-081624	352980	7.81	1.45886e	10.60	956855	14.46

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.: BP082024 SAS No.: BP082024 SDG NO.: BP082024

EPA Sample No.: SSTDICCC040 Date Analyzed: Aug 20 2024 12:00AM

Lab File ID: BP021485.D Time Analyzed: 10:49

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+	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	PB162822BL	2.4088e	17.26	2.57618e+	21.72	2.89286e+	25.18
02	PB162822BS	3.03838	17.26	2.6844e+0	21.73	2.8807e+0	25.17
03	PB162822BSD	2.79613	17.27	2.5155e+0	21.74	2.79167e+	25.19
04	RW7-SP100-20240814	2.07834	17.26	2.10892e+	21.73	2.47698e+	25.16
05	RW7-SP303-20240814	2.08331	17.26	2.11732e+	21.73	2.52547e+	25.17
06	OU4-TS-17-080724RE	2.2115e	17.26	2.11186e+	21.73	2.51175e+	25.17
07	PB162631BL	2.16209	17.27	2.21046e+	21.72	2.50316e+	25.17
08	924-K1-SD-0.5-1.0-081524	1.62747	17.26	1.75997e+	21.73	2.06544e+	25.17
09	921-J-SD-0.5-1.0-081524	2.05457	17.27	2.00991e+	21.73	2.24513e+	25.17
10	921-K1-SD-0.5-1.0-081524-FI	1.95142	17.27	2.0438e+0	21.73	2.28322e+	25.19
11	VCPS-B3-081324-10-18	2.09755	17.25	1.80463e+	21.72	2.21357e+	25.17
12	VCPS-B3-081324-10-18MS	1.86802	17.26	1.73676e+	21.74	2.23858e+	25.19
13	VCPS-B3-081324-10-18MSD	1.9478e	17.26	1.78485e+	21.73	2.25654e+	25.17
14	OU4-TS-08-080724RE	2.30925	17.26	2.23775e+	21.73	2.55939e+	25.16
15	OU4-TS-08-080724MS	1.97275	17.26	1.89671e+	21.73	2.37013e+	25.16
16	OU4-TS-08-080724MSD	1.95176	17.28	1.80185e+	21.73	2.21453e+	25.17
17	OU4-TS-12-080724RE	2.22613	17.25	2.07778e+	21.70	2.4121e+0	25.15
18	OU4-TS-13-080724RE	1.99993	17.26	1.85641e+	21.73	2.19804e+	25.16
19	OU4-TS-15-080724RE	2.22579	17.27	2.02697e+	21.73	2.36131e+	25.17
20	917-J-WS-081624	2.09985	17.27	1.96386e+	21.73	2.26118e+	25.17

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP082024 SAS No.: BP082024 SDG NO.: BP082024

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

Lab File ID: BP021485.D Time Analyzed: 02:44

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.						

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.: BP082024 SAS No.: BP082024 SDG NO.: BP082024

EPA Sample No.: SSTDCCC040 Date Analyzed: Aug 20 2024 12:00AM

Lab File ID: BP021566.D Time Analyzed: 10:49

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	2.10294e+01	17.263	2.06704e+01	21.727	2.51009e+01	25.174
UPPER LIMIT	4205880	17.763	4134080	22.227	5020180	25.674
LOWER LIMIT	1051470	16.763	1033520	21.227	1255045	24.674
EPA SAMPLE NO.						
01 PB162822BL	2.4088e	17.26	2.57618e+	21.72	2.89286e+	25.18
02 PB162822BS	3.03838	17.26	2.6844e+0	21.73	2.8807e+0	25.17
03 PB162822BSD	2.79613	17.27	2.5155e+0	21.74	2.79167e+	25.19
04 RW7-SP100-20240814	2.07834	17.26	2.10892e+	21.73	2.47698e+	25.16
05 RW7-SP303-20240814	2.08331	17.26	2.11732e+	21.73	2.52547e+	25.17
06 OU4-TS-17-080724RE	2.2115e	17.26	2.11186e+	21.73	2.51175e+	25.17

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.: BP082024 SAS No.: BP082024 SDG NO.: BP082024

EPA Sample No.: SSTDCCC040 Date Analyzed: Aug 20 2024 12:00AM

Lab File ID: BP021575.D Time Analyzed: 17:24

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	2.40393e+01	17.275	2.42635e+	21.739	2.94031e+01	25.18
UPPER LIMIT	4807860	17.775	4852700	22.239	5880620	25.68
LOWER LIMIT	1201965	16.775	1213175	21.239	1470155	24.68
EPA SAMPLE NO.						
01 PB162631BL	2.16209	17.27	2.21046e+	21.72	2.50316e+	25.17
02 924-K1-SD-0.5-1.0-081524	1.62747	17.26	1.75997e+	21.73	2.06544e+	25.17
03 921-J-SD-0.5-1.0-081524	2.05457	17.27	2.00991e+	21.73	2.24513e+	25.17
04 921-K1-SD-0.5-1.0-081524-F1	1.95142	17.27	2.0438e+0	21.73	2.28322e+	25.19
05 VCPS-B3-081324-10-18	2.09755	17.25	1.80463e+	21.72	2.21357e+	25.17
06 VCPS-B3-081324-10-18MS	1.86802	17.26	1.73676e+	21.74	2.23858e+	25.19
07 VCPS-B3-081324-10-18MSD	1.9478e	17.26	1.78485e+	21.73	2.25654e+	25.17
08 OU4-TS-08-080724RE	2.30925	17.26	2.23775e+	21.73	2.55939e+	25.16
09 OU4-TS-08-080724MS	1.97275	17.26	1.89671e+	21.73	2.37013e+	25.16
10 OU4-TS-08-080724MSD	1.95176	17.28	1.80185e+	21.73	2.21453e+	25.17
11 OU4-TS-12-080724RE	2.22613	17.25	2.07778e+	21.70	2.4121e+0	25.15
12 OU4-TS-13-080724RE	1.99993	17.26	1.85641e+	21.73	2.19804e+	25.16
13 OU4-TS-15-080724RE	2.22579	17.27	2.02697e+	21.73	2.36131e+	25.17
14 917-J-WS-081624	2.09985	17.27	1.96386e+	21.73	2.26118e+	25.17

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.: BP082024

Client: _____

Analytical Method: **8270E**

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB162822BS	n-Nitrosodimethylamine	50	42.4	ug/L	85				55	108	
	Pyridine	50	28.7	ug/L	57				29	97	
	Benzaldehyde	50	16.8	ug/L	34				10	162	
	Aniline	50	27.9	ug/L	56				10	130	
	Phenol	50	48.8	ug/L	98				66	118	
	bis(2-Chloroethyl)ether	50	42	ug/L	84				62	103	
	2-Chlorophenol	50	53.1	ug/L	106				70	117	
	1,2-Dichlorobenzene	50	44.3	ug/L	89				72	102	
	1,3-Dichlorobenzene	50	43.8	ug/L	88				71	103	
	1,4-Dichlorobenzene	50	44.1	ug/L	88				76	103	
	Benzyl Alcohol	50	47.8	ug/L	96		*		36	93	
	2-Methylphenol	50	49.7	ug/L	99				69	109	
	2,2-oxybis(1-Chloropropane)	50	42.8	ug/L	86				65	100	
	Acetophenone	50	39.8	ug/L	80				60	104	
	3+4-Methylphenols	50	51.5	ug/L	103				67	106	
	N-Nitroso-di-n-propylamine	50	38.5	ug/L	77				57	107	
	Hexachloroethane	50	45.4	ug/L	91				76	118	
	Nitrobenzene	50	44.7	ug/L	89				58	106	
	Isophorone	50	40.9	ug/L	82				61	102	
	2-Nitrophenol	50	63.2	ug/L	126		*		70	115	
	2,4-Dimethylphenol	50	53.8	ug/L	108				42	142	
	bis(2-Chloroethoxy)methane	50	42.1	ug/L	84				58	109	
	2,4-Dichlorophenol	50	56	ug/L	112				66	115	
	1,2,4-Trichlorobenzene	50	43.6	ug/L	87				41	115	
	Benzoic acid	50	69.2	ug/L	138		*		10	125	
	Naphthalene	50	43.9	ug/L	88				64	107	
	4-Chloroaniline	50	28.2	ug/L	56				10	85	
	Hexachlorobutadiene	50	41.5	ug/L	83				69	101	
	Caprolactam	50	51.4	ug/L	103				58	128	
	4-Chloro-3-methylphenol	50	53.3	ug/L	107				65	114	
	2-Methylnaphthalene	50	44.8	ug/L	90				64	107	
	Hexachlorocyclopentadiene	100	120	ug/L	120				36	160	
	2,4,6-Trichlorophenol	50	57.1	ug/L	114		*		61	110	
	2,4,5-Trichlorophenol	50	55.3	ug/L	111		*		70	106	
	1,1-Biphenyl	50	40.7	ug/L	81				72	98	
	2-Chloronaphthalene	50	43.9	ug/L	88				59	106	
	2-Nitroaniline	50	54.6	ug/L	109				73	114	
	Dimethylphthalate	50	47.9	ug/L	96				64	103	
	Acenaphthylene	50	48.9	ug/L	98				79	103	
	2,6-Dinitrotoluene	50	52	ug/L	104				64	110	
	3-Nitroaniline	50	43.5	ug/L	87				28	100	
	Acenaphthene	50	51.6	ug/L	103				59	113	
	Total PAH	800	788.1	ug/L	99				59	113	
	2,4-Dinitrophenol	100	120	ug/L	120				36	166	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BP082024**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Low	Limits	
							Qual	Qual		High	RPD
PB162822BS	4-Nitrophenol	100	120	ug/L	120				45	147	
	Dibenzofuran	50	45.7	ug/L	91				65	106	
	2,4-Dinitrotoluene	50	58.1	ug/L	116		*		60	115	
	2,4-Dinitrotoluene/2,6-Dinitrotrc	100	110.1	ug/L	110				60	115	
	Diethylphthalate	50	47.6	ug/L	95				63	105	
	4-Chlorophenyl-phenylether	50	43.2	ug/L	86				61	104	
	Fluorene	50	43.7	ug/L	87				64	107	
	4-Nitroaniline	50	53.4	ug/L	107				55	125	
	4,6-Dinitro-2-methylphenol	50	70.6	ug/L	141		*		62	132	
	N-Nitrosodiphenylamine	50	46.2	ug/L	92				61	109	
	Azobenzene	50	41.8	ug/L	84				59	106	
	4-Bromophenyl-phenylether	50	45	ug/L	90				73	103	
	Hexachlorobenzene	50	44.5	ug/L	89				73	106	
	Atrazine	50	43.6	ug/L	87				76	120	
	Pentachlorophenol	100	110	ug/L	110				47	114	
	Phenanthrene	50	46.6	ug/L	93				62	109	
	Anthracene	50	47.6	ug/L	95				65	110	
	Carbazole	50	47.8	ug/L	96				62	106	
	Di-n-butylphthalate	50	48.4	ug/L	97				64	106	
	Fluoranthene	50	46.1	ug/L	92				64	110	
	Benzidine	100	27.9	ug/L	28				10	94	
	Pyrene	50	48.5	ug/L	97				71	103	
	Butylbenzylphthalate	50	54.6	ug/L	109		*		61	105	
	3,3-Dichlorobenzidine	50	44.2	ug/L	88				43	108	
	Benzo(a)anthracene	50	47.9	ug/L	96				62	107	
	Chrysene	50	48	ug/L	96				61	108	
	bis(2-Ethylhexyl)phthalate	50	54.2	ug/L	108				59	110	
	Di-n-octyl phthalate	50	52.8	ug/L	106				52	139	
	Benzo(b)fluoranthene	50	51.7	ug/L	103				77	113	
	Benzo(k)fluoranthene	50	50.4	ug/L	101				77	105	
	Benzo(a)pyrene	50	54.3	ug/L	109				72	131	
	Indeno(1,2,3-cd)pyrene	50	54.2	ug/L	108		*		72	105	
	Dibenz(a,h)anthracene	50	53.3	ug/L	107				78	115	
	Benzo(g,h,i)perylene	50	51.4	ug/L	103				75	118	
	1,2,4,5-Tetrachlorobenzene	50	40.8	ug/L	82				72	101	
	1,4-Dioxane	50	28.5	ug/L	57				38	125	
	2,3,4,6-Tetrachlorophenol	50	59.4	ug/L	119		*		63	116	
	1-Methylnaphthalene	50	42.7	ug/L	85				51	114	
PB162822BSD	n-Nitrosodimethylamine	50	42.5	ug/L	85	0			55	108	20
	Pyridine	50	28.8	ug/L	58	0			29	97	20
	Benzaldehyde	50	21.4	ug/L	43	24	*		10	162	20
	Aniline	50	26.9	ug/L	54	4			10	130	20
	Phenol	50	47.5	ug/L	95	3			66	118	20
	bis(2-Chloroethyl)ether	50	41.6	ug/L	83	1			62	103	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BP082024**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB162822BSD	2-Chlorophenol	50	52.2	ug/L	104	2			70	117	20
	1,2-Dichlorobenzene	50	44.1	ug/L	88	0			72	102	20
	1,3-Dichlorobenzene	50	43.4	ug/L	87	1			71	103	20
	1,4-Dichlorobenzene	50	43.8	ug/L	88	1			76	103	20
	Benzyl Alcohol	50	47	ug/L	94	2	*		36	93	20
	2-Methylphenol	50	48.7	ug/L	97	2			69	109	20
	2,2-oxybis(1-Chloropropane)	50	42.3	ug/L	85	1			65	100	20
	Acetophenone	50	39.6	ug/L	79	1			60	104	20
	3+4-Methylphenols	50	50.1	ug/L	100	3			67	106	20
	N-Nitroso-di-n-propylamine	50	37.5	ug/L	75	3			57	107	20
	Hexachloroethane	50	44.9	ug/L	90	1			76	118	20
	Nitrobenzene	50	44.7	ug/L	89	0			58	106	20
	Isophorone	50	40.2	ug/L	80	2			61	102	20
	2-Nitrophenol	50	63.4	ug/L	127	0	*		70	115	20
	2,4-Dimethylphenol	50	53.2	ug/L	106	1			42	142	20
	bis(2-Chloroethoxy)methane	50	42	ug/L	84	0			58	109	20
	2,4-Dichlorophenol	50	55	ug/L	110	2			66	115	20
	1,2,4-Trichlorobenzene	50	43.2	ug/L	86	1			41	115	20
	Benzoic acid	50	69	ug/L	138	0	*		10	125	20
	Naphthalene	50	43.7	ug/L	87	0			64	107	20
	4-Chloroaniline	50	28.3	ug/L	57	0			10	85	20
	Hexachlorobutadiene	50	41.6	ug/L	83	0			69	101	20
	Caprolactam	50	50.5	ug/L	101	2			58	128	20
	4-Chloro-3-methylphenol	50	52.3	ug/L	105	2			65	114	20
	2-Methylnaphthalene	50	44.2	ug/L	88	1			64	107	20
	Hexachlorocyclopentadiene	100	110	ug/L	110	9			36	160	20
	2,4,6-Trichlorophenol	50	57.4	ug/L	115	1	*		61	110	20
	2,4,5-Trichlorophenol	50	55.2	ug/L	110	0	*		70	106	20
	1,1-Biphenyl	50	40.5	ug/L	81	0			72	98	20
	2-Chloronaphthalene	50	43.9	ug/L	88	0			59	106	20
	2-Nitroaniline	50	54.5	ug/L	109	0			73	114	20
	Dimethylphthalate	50	47.9	ug/L	96	0			64	103	20
	Acenaphthylene	50	49.4	ug/L	99	1			79	103	20
	2,6-Dinitrotoluene	50	52.4	ug/L	105	1			64	110	20
	3-Nitroaniline	50	44.6	ug/L	89	2			28	100	20
	Acenaphthene	50	51.4	ug/L	103	0			59	113	20
	Total PAH	800	789	ug/L	99	0			59	113	20
	2,4-Dinitrophenol	100	120	ug/L	120	0			36	166	20
	4-Nitrophenol	100	110	ug/L	110	9			45	147	20
	Dibenzofuran	50	46.3	ug/L	93	1			65	106	20
	2,4-Dinitrotoluene	50	57.8	ug/L	116	1	*		60	115	20
	2,4-Dinitrotoluene/2,6-Dinitro	100	110.2	ug/L	110	0			60	115	20
	Diethylphthalate	50	47	ug/L	94	1			63	105	20
	4-Chlorophenyl-phenylether	50	43	ug/L	86	0			61	104	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BP082024**

Client: _____

Analytical Method: **8270E**

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB162822BSD	Fluorene	50	43.6	ug/L	87	0			64	107	20
	4-Nitroaniline	50	52.6	ug/L	105	2			55	125	20
	4,6-Dinitro-2-methylphenol	50	70.7	ug/L	141	0	*		62	132	20
	N-Nitrosodiphenylamine	50	47.1	ug/L	94	2			61	109	20
	Azobenzene	50	41.5	ug/L	83	1			59	106	20
	4-Bromophenyl-phenylether	50	45.3	ug/L	91	1			73	103	20
	Hexachlorobenzene	50	45	ug/L	90	1			73	106	20
	Atrazine	50	44.5	ug/L	89	2			76	120	20
	Pentachlorophenol	100	110	ug/L	110	0			47	114	20
	Phenanthrene	50	47.6	ug/L	95	2			62	109	20
	Anthracene	50	48.7	ug/L	97	2			65	110	20
	Carbazole	50	48.9	ug/L	98	2			62	106	20
	Di-n-butylphthalate	50	48.1	ug/L	96	1			64	106	20
	Fluoranthene	50	46.4	ug/L	93	1			64	110	20
	Benzidine	100	28.3	ug/L	28	1			10	94	20
	Pyrene	50	48	ug/L	96	1			71	103	20
	Butylbenzylphthalate	50	54	ug/L	108	1	*		61	105	20
	3,3-Dichlorobenzidine	50	45.7	ug/L	91	3			43	108	20
	Benzo(a)anthracene	50	48.7	ug/L	97	2			62	107	20
	Chrysene	50	48.8	ug/L	98	2			61	108	20
	bis(2-Ethylhexyl)phthalate	50	53.5	ug/L	107	1			59	110	20
	Di-n-octyl phthalate	50	52.6	ug/L	105	0			52	139	20
	Benzo(b)fluoranthene	50	49.6	ug/L	99	4			77	113	20
	Benzo(k)fluoranthene	50	51	ug/L	102	1			77	105	20
	Benzo(a)pyrene	50	54	ug/L	108	1			72	131	20
	Indeno(1,2,3-cd)pyrene	50	53.9	ug/L	108	1	*		72	105	20
	Dibenz(a,h)anthracene	50	53.3	ug/L	107	0			78	115	20
	Benzo(g,h,i)perylene	50	50.9	ug/L	102	1			75	118	20
	1,2,4,5-Tetrachlorobenzene	50	40.5	ug/L	81	1			72	101	20
	1,4-Dioxane	50	28.8	ug/L	58	1			38	125	20
	2,3,4,6-Tetrachlorophenol	50	58.6	ug/L	117	1	*		63	116	20
	1-Methylnaphthalene	50	42	ug/L	84	2			51	114	20

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB162631BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP082024

SAS No.: BP082024 SDG NO.: BP082024

Lab File ID: BP021576.D

Lab Sample ID: PB162631BL

Instrument ID: BNA_P

Date Extracted: 08/10/2024

Matrix: (soil/water) Solid

Date Analyzed: 08/20/2024

Level: (low/med) LOW

Time Analyzed: 17:24

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
OU4-TS-08-080724MS	P3518-15MS	BP021584.D	08/20/2024
OU4-TS-08-080724MSD	P3518-15MSD	BP021585.D	08/20/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VCPS-B3-081324-10-1

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP082024

SAS No.: BP082024 SDG NO.: BP082024

Lab File ID: BP021580.D

Lab Sample ID: P3600-06

Instrument ID: BNA_P

Date Extracted: 08/14/2024

Matrix: (soil/water) Solid

Date Analyzed: 08/20/2024

Level: (low/med) LOW

Time Analyzed: 20:17

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VCPS-B3-081324-10-18	P3600-06	BP021580.D	08/20/2024
VCPS-B3-081324-10-18MS	P3600-06MS	BP021581.D	08/20/2024
VCPS-B3-081324-10-18MSD	P3600-06MSD	BP021582.D	08/20/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

924-K1-SD-0.5-1.0-0

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP082024

SAS No.: BP082024 SDG NO.: BP082024

Lab File ID: BP021577.D

Lab Sample ID: P3643-10

Instrument ID: BNA_P

Date Extracted: 08/16/2024

Matrix: (soil/water) Solid

Date Analyzed: 08/20/2024

Level: (low/med) LOW

Time Analyzed: 18:07

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
924-K1-SD-0.5-1.0-081524	P3643-10	BP021577.D	08/20/2024
921-J-SD-0.5-1.0-081524	P3643-12	BP021578.D	08/20/2024
921-K1-SD-0.5-1.0-081524-FD	P3643-14	BP021579.D	08/20/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB162822BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP082024

SAS No.: BP082024 SDG NO.: BP082024

Lab File ID: BP021567.D

Lab Sample ID: PB162822BL

Instrument ID: BNA_P

Date Extracted: 08/19/2024

Matrix: (soil/water) Water

Date Analyzed: 08/20/2024

Level: (low/med) LOW

Time Analyzed: 10:49

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB162822BS	PB162822BS	BP021568.D	08/20/2024
PB162822BSD	PB162822BSD	BP021569.D	08/20/2024
RW7-SP100-20240814	P3650-01	BP021570.D	08/20/2024
RW7-SP303-20240814	P3650-04	BP021571.D	08/20/2024
917-J-WS-081624	P3657-01	BP021589.D	08/21/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP082024

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P3518-15MS		Client Sample ID: OU4-TS-08-080724MS		DataFile: BP021584.D							
n-Nitrosodimethylamine	2300		2200	ug/Kg	96				66	124	
Pyridine	2300		1800	ug/Kg	78				45	119	
Benzaldehyde	2300		0	ug/Kg	0	*			10	86	
Aniline	2300		1600	ug/Kg	70				10	88	
Phenol	2300		2400	ug/Kg	104				67	126	
bis(2-Chloroethyl)ether	2300		2100	ug/Kg	91				54	125	
2-Chlorophenol	2300		2600	ug/Kg	113	*			79	107	
1,2-Dichlorobenzene	2300		2300	ug/Kg	100				61	105	
1,3-Dichlorobenzene	2300		2300	ug/Kg	100				62	101	
1,4-Dichlorobenzene	2300		2300	ug/Kg	100				63	104	
Benzyl Alcohol	2300		2300	ug/Kg	100				47	126	
2-Methylphenol	2300		2400	ug/Kg	104				66	122	
2,2-oxybis(1-Chloropropane)	2300		2200	ug/Kg	96				65	110	
Acetophenone	2300		2000	ug/Kg	87				75	111	
3+4-Methylphenols	2300		2500	ug/Kg	109	*			66	104	
N-Nitroso-di-n-propylamine	2300		1800	ug/Kg	78				59	119	
Hexachloroethane	2300		2300	ug/Kg	100				65	117	
Nitrobenzene	2300		2300	ug/Kg	100				70	119	
Isophorone	2300		2000	ug/Kg	87				76	122	
2-Nitrophenol	2300		3100	ug/Kg	135				54	145	
2,4-Dimethylphenol	2300		2700	ug/Kg	117				44	135	
bis(2-Chloroethoxy)methane	2300		2100	ug/Kg	91				68	112	
2,4-Dichlorophenol	2300		2800	ug/Kg	122	*			72	118	
1,2,4-Trichlorobenzene	2300		2300	ug/Kg	100				57	103	
Benzoic acid	2300		3200	ug/Kg	139	*			50	104	
Naphthalene	2300		2300	ug/Kg	100				72	110	
4-Chloroaniline	2300		1400	ug/Kg	61				10	91	
Hexachlorobutadiene	2300		2200	ug/Kg	96				66	114	
Caprolactam	2300		2500	ug/Kg	109				51	134	
4-Chloro-3-methylphenol	2300		2600	ug/Kg	113				57	132	
2-Methylnaphthalene	2300		2300	ug/Kg	100				59	123	
Hexachlorocyclopentadiene	4600		5200	ug/Kg	113				10	175	
2,4,6-Trichlorophenol	2300		2900	ug/Kg	126	*			72	117	
2,4,5-Trichlorophenol	2300		2900	ug/Kg	126	*			72	117	
1,1-Biphenyl	2300		2200	ug/Kg	96				75	113	
2-Chloronaphthalene	2300		2300	ug/Kg	100				67	118	
2-Nitroaniline	2300		2800	ug/Kg	122				69	127	
Dimethylphthalate	2300		2400	ug/Kg	104				70	113	
Acenaphthylene	2300		2600	ug/Kg	113				79	118	
2,6-Dinitrotoluene	2300		2600	ug/Kg	113				70	125	
3-Nitroaniline	2300		2400	ug/Kg	104	*			30	99	
Acenaphthene	2300		2600	ug/Kg	113				70	121	
Total PAH	36800	0	40000	ug/Kg	109				70	121	
2,4-Dinitrophenol	4600		5500	ug/Kg	120				10	155	
4-Nitrophenol	4600		6100	ug/Kg	133				45	133	
Dibenzofuran	2300		2400	ug/Kg	104				72	110	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP082024

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene/2,6-Dinitrotol	4600		5500	ug/Kg	120				55	128	
2,4-Dinitrotoluene	2300		2900	ug/Kg	126				55	128	
Diethylphthalate	2300		2400	ug/Kg	104				70	112	
4-Chlorophenyl-phenylether	2300		2200	ug/Kg	96				71	108	
Fluorene	2300		2300	ug/Kg	100				68	116	
4-Nitroaniline	2300		2800	ug/Kg	122	*			55	120	
4,6-Dinitro-2-methylphenol	2300		3100	ug/Kg	135				10	160	
N-Nitrosodiphenylamine	2300		2400	ug/Kg	104				73	118	
Azobenzene	2300		2200	ug/Kg	96				73	110	
4-Bromophenyl-phenylether	2300		2300	ug/Kg	100				65	121	
Hexachlorobenzene	2300		2200	ug/Kg	96				67	118	
Atrazine	2300		2400	ug/Kg	104				79	127	
Pentachlorophenol	4600		5400	ug/Kg	117				47	128	
Phenanthrene	2300		2500	ug/Kg	109				52	128	
Anthracene	2300		2500	ug/Kg	109				62	124	
Carbazole	2300		2500	ug/Kg	109				59	119	
Di-n-butylphthalate	2300		2400	ug/Kg	104				69	118	
Fluoranthene	2300	130	2600	ug/Kg	107				44	125	
Benzidine	4600		1800	ug/Kg	39				10	119	
Pyrene	2300	0	2500	ug/Kg	109				26	142	
Butylbenzylphthalate	2300		2600	ug/Kg	113				64	126	
3,3-Dichlorobenzidine	2300		2300	ug/Kg	100				33	116	
Benzo(a)anthracene	2300		2600	ug/Kg	113				71	114	
Chrysene	2300		2500	ug/Kg	109				57	121	
bis(2-Ethylhexyl)phthalate	2300		2700	ug/Kg	117				42	169	
Di-n-octyl phthalate	2300		2600	ug/Kg	113				23	175	
Benzo(b)fluoranthene	2300	0	2500	ug/Kg	109				67	121	
Benzo(k)fluoranthene	2300		2300	ug/Kg	100				57	134	
Benzo(a)pyrene	2300		2600	ug/Kg	113				70	142	
Indeno(1,2,3-cd)pyrene	2300		2600	ug/Kg	113				40	129	
Dibenz(a,h)anthracene	2300		2500	ug/Kg	109				43	123	
Benzo(g,h,i)perylene	2300		2500	ug/Kg	109				24	125	
1,2,4,5-Tetrachlorobenzene	2300		2200	ug/Kg	96				69	124	
1,4-Dioxane	2300		1700	ug/Kg	74				46	112	
2,3,4,6-Tetrachlorophenol	2300		3100	ug/Kg	135	*			69	112	
1-Methylnaphthalene	2300		2100	ug/Kg	91				70	130	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP082024

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P3518-15MSD		Client Sample ID: OU4-TS-08-080724MSD		DataFile: BP021585.D							
n-Nitrosodimethylamine	2300		2300	ug/Kg	100		4		66	124	20
Pyridine	2300		1700	ug/Kg	74		5		45	119	20
Benzaldehyde	2300		0	ug/Kg	0	*			10	86	20
Aniline	2300		1800	ug/Kg	78		11		10	88	20
Phenol	2300		2600	ug/Kg	113		8		67	126	20
bis(2-Chloroethyl)ether	2300		2300	ug/Kg	100		9		54	125	20
2-Chlorophenol	2300		2900	ug/Kg	126	*	11		79	107	20
1,2-Dichlorobenzene	2300		2500	ug/Kg	109	*	9		61	105	20
1,3-Dichlorobenzene	2300		2500	ug/Kg	109	*	9		62	101	20
1,4-Dichlorobenzene	2300		2500	ug/Kg	109	*	9		63	104	20
Benzyl Alcohol	2300		2500	ug/Kg	109		9		47	126	20
2-Methylphenol	2300		2700	ug/Kg	117		12		66	122	20
2,2-oxybis(1-Chloropropane)	2300		2400	ug/Kg	104		8		65	110	20
Acetophenone	2300		2200	ug/Kg	96		10		75	111	20
3+4-Methylphenols	2300		2700	ug/Kg	117	*	7		66	104	20
N-Nitroso-di-n-propylamine	2300		2000	ug/Kg	87		11		59	119	20
Hexachloroethane	2300		2500	ug/Kg	109		9		65	117	20
Nitrobenzene	2300		2500	ug/Kg	109		9		70	119	20
Isophorone	2300		2200	ug/Kg	96		10		76	122	20
2-Nitrophenol	2300		3300	ug/Kg	143		6		54	145	20
2,4-Dimethylphenol	2300		2900	ug/Kg	126		7		44	135	20
bis(2-Chloroethoxy)methane	2300		2300	ug/Kg	100		9		68	112	20
2,4-Dichlorophenol	2300		3000	ug/Kg	130	*	6		72	118	20
1,2,4-Trichlorobenzene	2300		2500	ug/Kg	109	*	9		57	103	20
Benzoic acid	2300		3300	ug/Kg	143	*	3		50	104	20
Naphthalene	2300		2500	ug/Kg	109		9		72	110	20
4-Chloroaniline	2300		1400	ug/Kg	61		0		10	91	20
Hexachlorobutadiene	2300		2400	ug/Kg	104		8		66	114	20
Caprolactam	2300		2500	ug/Kg	109		0		51	134	20
4-Chloro-3-methylphenol	2300		2700	ug/Kg	117		3		57	132	20
2-Methylnaphthalene	2300		2400	ug/Kg	104		4		59	123	20
Hexachlorocyclopentadiene	4600		5900	ug/Kg	128		12		10	175	20
2,4,6-Trichlorophenol	2300		3200	ug/Kg	139	*	10		72	117	20
2,4,5-Trichlorophenol	2300		3100	ug/Kg	135	*	7		72	117	20
1,1-Biphenyl	2300		2400	ug/Kg	104		8		75	113	20
2-Chloronaphthalene	2300		2600	ug/Kg	113		12		67	118	20
2-Nitroaniline	2300		3000	ug/Kg	130	*	6		69	127	20
Dimethylphthalate	2300		2600	ug/Kg	113		8		70	113	20
Acenaphthylene	2300		2800	ug/Kg	122	*	8		79	118	20
2,6-Dinitrotoluene	2300		2800	ug/Kg	122		8		70	125	20
3-Nitroaniline	2300		2500	ug/Kg	109	*	5		30	99	20
Acenaphthene	2300		2800	ug/Kg	122	*	8		70	121	20
Total PAH	36800	0	43100	ug/Kg	117		7		70	121	20
2,4-Dinitrophenol	4600		5600	ug/Kg	122		2		10	155	20
4-Nitrophenol	4600		5900	ug/Kg	128		4		45	133	20
Dibenzofuran	2300		2600	ug/Kg	113	*	8		72	110	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP082024

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene/2,6-Dinitrotol	4600		5800	ug/Kg	126		5		55	128	20
2,4-Dinitrotoluene	2300		3000	ug/Kg	130	*	3		55	128	20
Diethylphthalate	2300		2500	ug/Kg	109		5		70	112	20
4-Chlorophenyl-phenylether	2300		2400	ug/Kg	104		8		71	108	20
Fluorene	2300		2400	ug/Kg	104		4		68	116	20
4-Nitroaniline	2300		2700	ug/Kg	117		4		55	120	20
4,6-Dinitro-2-methylphenol	2300		3300	ug/Kg	143		6		10	160	20
N-Nitrosodiphenylamine	2300		2600	ug/Kg	113		8		73	118	20
Azobenzene	2300		2300	ug/Kg	100		4		73	110	20
4-Bromophenyl-phenylether	2300		2600	ug/Kg	113		12		65	121	20
Hexachlorobenzene	2300		2500	ug/Kg	109		13		67	118	20
Atrazine	2300		2500	ug/Kg	109		5		79	127	20
Pentachlorophenol	4600		5900	ug/Kg	128		9		47	128	20
Phenanthrene	2300		2700	ug/Kg	117		7		52	128	20
Anthracene	2300		2700	ug/Kg	117		7		62	124	20
Carbazole	2300		2700	ug/Kg	117		7		59	119	20
Di-n-butylphthalate	2300		2600	ug/Kg	113		8		69	118	20
Fluoranthene	2300	130	2700	ug/Kg	112		5		44	125	20
Benzidine	4600		2100	ug/Kg	46		16		10	119	20
Pyrene	2300	0	2700	ug/Kg	117		7		26	142	20
Butylbenzylphthalate	2300		3000	ug/Kg	130	*	14		64	126	20
3,3-Dichlorobenzidine	2300		2600	ug/Kg	113		12		33	116	20
Benzo(a)anthracene	2300		2800	ug/Kg	122	*	8		71	114	20
Chrysene	2300		2800	ug/Kg	122	*	11		57	121	20
bis(2-Ethylhexyl)phthalate	2300		3000	ug/Kg	130		11		42	169	20
Di-n-octyl phthalate	2300		2900	ug/Kg	126		11		23	175	20
Benzo(b)fluoranthene	2300	0	2600	ug/Kg	113		4		67	121	20
Benzo(k)fluoranthene	2300		2700	ug/Kg	117		16		57	134	20
Benzo(a)pyrene	2300		2800	ug/Kg	122		8		70	142	20
Indeno(1,2,3-cd)pyrene	2300		2800	ug/Kg	122		8		40	129	20
Dibenz(a,h)anthracene	2300		2700	ug/Kg	117		7		43	123	20
Benzo(g,h,i)perylene	2300		2600	ug/Kg	113		4		24	125	20
1,2,4,5-Tetrachlorobenzene	2300		2400	ug/Kg	104		8		69	124	20
1,4-Dioxane	2300		1700	ug/Kg	74		0		46	112	20
2,3,4,6-Tetrachlorophenol	2300		3200	ug/Kg	139	*	3		69	112	20
1-Methylnaphthalene	2300		2300	ug/Kg	100		9		70	130	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP082024

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P3600-06MS		Client Sample ID: VCPS-B3-081324-10-18MS		DataFile: BP021581.D							
n-Nitrosodimethylamine	2100		1800	ug/Kg	86				66	124	
Pyridine	2100		1500	ug/Kg	71				45	119	
Benzaldehyde	2100		1500	ug/Kg	71				10	86	
Aniline	2100		1500	ug/Kg	71				10	88	
Phenol	2100		2000	ug/Kg	95				67	126	
bis(2-Chloroethyl)ether	2100		1800	ug/Kg	86				54	125	
2-Chlorophenol	2100		2200	ug/Kg	105				79	107	
1,2-Dichlorobenzene	2100		1900	ug/Kg	90				61	105	
1,3-Dichlorobenzene	2100		1800	ug/Kg	86				62	101	
1,4-Dichlorobenzene	2100		1900	ug/Kg	90				63	104	
Benzyl Alcohol	2100		2000	ug/Kg	95				47	126	
2-Methylphenol	2100		2000	ug/Kg	95				66	122	
2,2-oxybis(1-Chloropropane)	2100		1800	ug/Kg	86				65	110	
Acetophenone	2100		1800	ug/Kg	86				75	111	
3+4-Methylphenols	2100		2100	ug/Kg	100				66	104	
N-Nitroso-di-n-propylamine	2100		1600	ug/Kg	76				59	119	
Hexachloroethane	2100		1900	ug/Kg	90				65	117	
Nitrobenzene	2100		1900	ug/Kg	90				70	119	
Isophorone	2100		1700	ug/Kg	81				76	122	
2-Nitrophenol	2100		2600	ug/Kg	124				54	145	
2,4-Dimethylphenol	2100		2500	ug/Kg	119				44	135	
bis(2-Chloroethoxy)methane	2100		1800	ug/Kg	86				68	112	
2,4-Dichlorophenol	2100		2300	ug/Kg	110				72	118	
1,2,4-Trichlorobenzene	2100		1800	ug/Kg	86				57	103	
Benzoic acid	2100		2800	ug/Kg	133	*			50	104	
Naphthalene	2100		1900	ug/Kg	90				72	110	
4-Chloroaniline	2100		1100	ug/Kg	52				10	91	
Hexachlorobutadiene	2100		1800	ug/Kg	86				66	114	
Caprolactam	2100		2300	ug/Kg	110				51	134	
4-Chloro-3-methylphenol	2100		2200	ug/Kg	105				57	132	
2-Methylnaphthalene	2100		1900	ug/Kg	90				59	123	
Hexachlorocyclopentadiene	4100		5400	ug/Kg	132				10	175	
2,4,6-Trichlorophenol	2100		2400	ug/Kg	114				72	117	
2,4,5-Trichlorophenol	2100		2400	ug/Kg	114				72	117	
1,1-Biphenyl	2100		1900	ug/Kg	90				75	113	
2-Chloronaphthalene	2100		1900	ug/Kg	90				67	118	
2-Nitroaniline	2100		2300	ug/Kg	110				69	127	
Dimethylphthalate	2100		2000	ug/Kg	95				70	113	
Acenaphthylene	2100		2100	ug/Kg	100				79	118	
2,6-Dinitrotoluene	2100		2100	ug/Kg	100				70	125	
3-Nitroaniline	2100		1700	ug/Kg	81				30	99	
Acenaphthene	2100		2300	ug/Kg	110				70	121	
Total PAH	33600	0	34600	ug/Kg	103				70	121	
2,4-Dinitrophenol	4100		4900	ug/Kg	120				10	155	
4-Nitrophenol	4100		5000	ug/Kg	122				45	133	
Dibenzofuran	2100		2000	ug/Kg	95				72	110	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP082024

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	2100		2400	ug/Kg	114				55	128	
2,4-Dinitrotoluene/2,6-Dinitrotol	4200		4500	ug/Kg	107				55	128	
Diethylphthalate	2100		2000	ug/Kg	95				70	112	
4-Chlorophenyl-phenylether	2100		1900	ug/Kg	90				71	108	
Fluorene	2100		2000	ug/Kg	95				68	116	
4-Nitroaniline	2100		2200	ug/Kg	105				55	120	
4,6-Dinitro-2-methylphenol	2100		2700	ug/Kg	129				10	160	
N-Nitrosodiphenylamine	2100		2000	ug/Kg	95				73	118	
Azobenzene	2100		1800	ug/Kg	86				73	110	
4-Bromophenyl-phenylether	2100		1900	ug/Kg	90				65	121	
Hexachlorobenzene	2100		1900	ug/Kg	90				67	118	
Atrazine	2100		2200	ug/Kg	105				79	127	
Pentachlorophenol	4100		4700	ug/Kg	115				47	128	
Phenanthrene	2100	260	2300	ug/Kg	97				52	128	
Anthracene	2100		2200	ug/Kg	105				62	124	
Carbazole	2100		2100	ug/Kg	100				59	119	
Di-n-butylphthalate	2100		2000	ug/Kg	95				69	118	
Fluoranthene	2100	320	2200	ug/Kg	90				44	125	
Benzydine	4100		2100	ug/Kg	51				10	119	
Pyrene	2100	290	2200	ug/Kg	91				26	142	
Butylbenzylphthalate	2100		2200	ug/Kg	105				64	126	
3,3-Dichlorobenzidine	2100		1400	ug/Kg	67				33	116	
Benzo(a)anthracene	2100	180	2200	ug/Kg	96				71	114	
Chrysene	2100	200	2200	ug/Kg	95				57	121	
bis(2-Ethylhexyl)phthalate	2100		2200	ug/Kg	105				42	169	
Di-n-octyl phthalate	2100		2200	ug/Kg	105				23	175	
Benzo(b)fluoranthene	2100	190	2100	ug/Kg	91				67	121	
Benzo(k)fluoranthene	2100		2000	ug/Kg	95				57	134	
Benzo(a)pyrene	2100	170	2300	ug/Kg	101				70	142	
Indeno(1,2,3-cd)pyrene	2100	0	2300	ug/Kg	110				40	129	
Dibenz(a,h)anthracene	2100		2200	ug/Kg	105				43	123	
Benzo(g,h,i)perylene	2100	0	2100	ug/Kg	100				24	125	
1,2,4,5-Tetrachlorobenzene	2100		1900	ug/Kg	90				69	124	
1,4-Dioxane	2100		1500	ug/Kg	71				46	112	
2,3,4,6-Tetrachlorophenol	2100		2500	ug/Kg	119	*			69	112	
1-Methylnaphthalene	2100		1900	ug/Kg	90				70	130	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP082024

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P3600-06MSD		Client Sample ID: VCPS-B3-081324-10-18MSD		DataFile: BP021582.D							
n-Nitrosodimethylamine	2100		1700	ug/Kg	81		6		66	124	20
Pyridine	2100		1400	ug/Kg	67		6		45	119	20
Benzaldehyde	2100		1500	ug/Kg	71		0		10	86	20
Aniline	2100		1500	ug/Kg	71		0		10	88	20
Phenol	2100		1900	ug/Kg	90		5		67	126	20
bis(2-Chloroethyl)ether	2100		1700	ug/Kg	81		6		54	125	20
2-Chlorophenol	2100		2100	ug/Kg	100		5		79	107	20
1,2-Dichlorobenzene	2100		1900	ug/Kg	90		0		61	105	20
1,3-Dichlorobenzene	2100		1800	ug/Kg	86		0		62	101	20
1,4-Dichlorobenzene	2100		1900	ug/Kg	90		0		63	104	20
Benzyl Alcohol	2100		1900	ug/Kg	90		5		47	126	20
2-Methylphenol	2100		2000	ug/Kg	95		0		66	122	20
2,2-oxybis(1-Chloropropane)	2100		1800	ug/Kg	86		0		65	110	20
Acetophenone	2100		1800	ug/Kg	86		0		75	111	20
3+4-Methylphenols	2100		2000	ug/Kg	95		5		66	104	20
N-Nitroso-di-n-propylamine	2100		1500	ug/Kg	71		7		59	119	20
Hexachloroethane	2100		1900	ug/Kg	90		0		65	117	20
Nitrobenzene	2100		1900	ug/Kg	90		0		70	119	20
Isophorone	2100		1700	ug/Kg	81		0		76	122	20
2-Nitrophenol	2100		2600	ug/Kg	124		0		54	145	20
2,4-Dimethylphenol	2100		2400	ug/Kg	114		4		44	135	20
bis(2-Chloroethoxy)methane	2100		1700	ug/Kg	81		6		68	112	20
2,4-Dichlorophenol	2100		2300	ug/Kg	110		0		72	118	20
1,2,4-Trichlorobenzene	2100		1800	ug/Kg	86		0		57	103	20
Benzoic acid	2100		2800	ug/Kg	133	*	0		50	104	20
Naphthalene	2100		1900	ug/Kg	90		0		72	110	20
4-Chloroaniline	2100		960	ug/Kg	46		12		10	91	20
Hexachlorobutadiene	2100		1800	ug/Kg	86		0		66	114	20
Caprolactam	2100		2100	ug/Kg	100		10		51	134	20
4-Chloro-3-methylphenol	2100		2100	ug/Kg	100		5		57	132	20
2-Methylnaphthalene	2100		1900	ug/Kg	90		0		59	123	20
Hexachlorocyclopentadiene	4100		5900	ug/Kg	144		9		10	175	20
2,4,6-Trichlorophenol	2100		2400	ug/Kg	114		0		72	117	20
2,4,5-Trichlorophenol	2100		2400	ug/Kg	114		0		72	117	20
1,1-Biphenyl	2100		1900	ug/Kg	90		0		75	113	20
2-Chloronaphthalene	2100		1900	ug/Kg	90		0		67	118	20
2-Nitroaniline	2100		2300	ug/Kg	110		0		69	127	20
Dimethylphthalate	2100		2000	ug/Kg	95		0		70	113	20
Acenaphthylene	2100		2100	ug/Kg	100		0		79	118	20
2,6-Dinitrotoluene	2100		2100	ug/Kg	100		0		70	125	20
3-Nitroaniline	2100		1700	ug/Kg	81		0		30	99	20
Acenaphthene	2100		2300	ug/Kg	110		0		70	121	20
Total PAH	33600	0	34400	ug/Kg	102		1		70	121	20
2,4-Dinitrophenol	4100		5000	ug/Kg	122		2		10	155	20
4-Nitrophenol	4100		4800	ug/Kg	117		4		45	133	20
Dibenzofuran	2100		2000	ug/Kg	95		0		72	110	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP082024

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	2100		2300	ug/Kg	110		4		55	128	20
2,4-Dinitrotoluene/2,6-Dinitrotol	4200		4400	ug/Kg	105		2		55	128	20
Diethylphthalate	2100		2000	ug/Kg	95		0		70	112	20
4-Chlorophenyl-phenylether	2100		1900	ug/Kg	90		0		71	108	20
Fluorene	2100		1900	ug/Kg	90		5		68	116	20
4-Nitroaniline	2100		2200	ug/Kg	105		0		55	120	20
4,6-Dinitro-2-methylphenol	2100		2800	ug/Kg	133		3		10	160	20
N-Nitrosodiphenylamine	2100		2000	ug/Kg	95		0		73	118	20
Azobenzene	2100		1700	ug/Kg	81		6		73	110	20
4-Bromophenyl-phenylether	2100		1900	ug/Kg	90		0		65	121	20
Hexachlorobenzene	2100		1900	ug/Kg	90		0		67	118	20
Atrazine	2100		2200	ug/Kg	105		0		79	127	20
Pentachlorophenol	4100		4700	ug/Kg	115		0		47	128	20
Phenanthrene	2100	260	2300	ug/Kg	97		0		52	128	20
Anthracene	2100		2100	ug/Kg	100		5		62	124	20
Carbazole	2100		2100	ug/Kg	100		0		59	119	20
Di-n-butylphthalate	2100		2000	ug/Kg	95		0		69	118	20
Fluoranthene	2100	320	2200	ug/Kg	90		0		44	125	20
Benzydine	4100		2200	ug/Kg	54		6		10	119	20
Pyrene	2100	290	2200	ug/Kg	91		0		26	142	20
Butylbenzylphthalate	2100		2200	ug/Kg	105		0		64	126	20
3,3-Dichlorobenzidine	2100		1300	ug/Kg	62		8		33	116	20
Benzo(a)anthracene	2100	180	2200	ug/Kg	96		0		71	114	20
Chrysene	2100	200	2200	ug/Kg	95		0		57	121	20
bis(2-Ethylhexyl)phthalate	2100		2300	ug/Kg	110		5		42	169	20
Di-n-octyl phthalate	2100		2300	ug/Kg	110		5		23	175	20
Benzo(b)fluoranthene	2100	190	2100	ug/Kg	91		0		67	121	20
Benzo(k)fluoranthene	2100		2000	ug/Kg	95		0		57	134	20
Benzo(a)pyrene	2100	170	2300	ug/Kg	101		0		70	142	20
Indeno(1,2,3-cd)pyrene	2100	0	2300	ug/Kg	110		0		40	129	20
Dibenz(a,h)anthracene	2100		2200	ug/Kg	105		0		43	123	20
Benzo(g,h,i)perylene	2100	0	2100	ug/Kg	100		0		24	125	20
1,2,4,5-Tetrachlorobenzene	2100		1900	ug/Kg	90		0		69	124	20
1,4-Dioxane	2100		1400	ug/Kg	67		6		46	112	20
2,3,4,6-Tetrachlorophenol	2100		2500	ug/Kg	119	*	0		69	112	20
1-Methylnaphthalene	2100		1800	ug/Kg	86		5		70	130	20

Surrogate Summary

SW-846

SDG No.: BP082024

Client: _____

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3519-03RE	OU4-TS-17-080724BP021572.D		2-Fluorophenol	150	75.93	51		18	112
			Phenol-d6	150	73.29	49		15	107
			Nitrobenzene-d5	100	54.33	54		18	107
			2-Fluorobiphenyl	100	41.07	41		20	109
			2,4,6-Tribromophenol	150	87.46	58		10	116
			Terphenyl-d14	100	37.76	38		10	105

Surrogate Summary

SW-846

SDG No.: **BP082024**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3518-15MS	OU4-TS-08-080724BP021584.D		2-Fluorophenol	150	87.74	58		18	112
			Phenol-d6	150	85.62	57		15	107
			Nitrobenzene-d5	100	61.45	61		18	107
			2-Fluorobiphenyl	100	43.10	43		20	109
			2,4,6-Tribromophenol	150	97.81	65		10	116
			Terphenyl-d14	100	39.04	39		10	105
P3518-15MSD	OU4-TS-08-080724BP021585.D		2-Fluorophenol	150	96.29	64		18	112
			Phenol-d6	150	93.70	62		15	107
			Nitrobenzene-d5	100	66.42	66		18	107
			2-Fluorobiphenyl	100	47.77	48		20	109
			2,4,6-Tribromophenol	150	99.01	66		10	116
			Terphenyl-d14	100	44.03	44		10	105
P3518-15RE	OU4-TS-08-080724BP021583.D		2-Fluorophenol	150	64.51	43		18	112
			Phenol-d6	150	64.51	43		15	107
			Nitrobenzene-d5	100	43.20	43		18	107
			2-Fluorobiphenyl	100	30.13	30		20	109
			2,4,6-Tribromophenol	150	72.10	48		10	116
			Terphenyl-d14	100	33.56	34		10	105
P3518-23RE	OU4-TS-12-080724BP021586.D		2-Fluorophenol	150	72.47	48		18	112
			Phenol-d6	150	72.20	48		15	107
			Nitrobenzene-d5	100	50.54	51		18	107
			2-Fluorobiphenyl	100	37.18	37		20	109
			2,4,6-Tribromophenol	150	85.53	57		10	116
			Terphenyl-d14	100	40.05	40		10	105
P3518-25RE	OU4-TS-13-080724BP021587.D		2-Fluorophenol	150	82.19	55		18	112
			Phenol-d6	150	81.42	54		15	107
			Nitrobenzene-d5	100	58.05	58		18	107
			2-Fluorobiphenyl	100	42.10	42		20	109
			2,4,6-Tribromophenol	150	96.28	64		10	116
			Terphenyl-d14	100	43.74	44		10	105
P3518-29RE	OU4-TS-15-080724BP021588.D		2-Fluorophenol	150	83.19	55		18	112
			Phenol-d6	150	80.57	54		15	107
			Nitrobenzene-d5	100	58.67	59		18	107
			2-Fluorobiphenyl	100	38.70	39		20	109
			2,4,6-Tribromophenol	150	95.36	64		10	116
			Terphenyl-d14	100	40.17	40		10	105
PB162631BL	PB162631BL	BP021576.D	2-Fluorophenol	150	127.76	85		18	112
			Phenol-d6	150	118.98	79		15	107
			Nitrobenzene-d5	100	90.51	91		18	107
			2-Fluorobiphenyl	100	78.42	78		20	109
			2,4,6-Tribromophenol	150	155.58	104		10	116
			Terphenyl-d14	100	81.49	81		10	105

Surrogate Summary

SW-846

SDG No.: **BP082024**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3600-06	VCPS-B3-081324-1BP021580.D		2-Fluorophenol	150	120.11	80		18	112
			Phenol-d6	150	114.81	77		15	107
			Nitrobenzene-d5	100	85.03	85		18	107
			2-Fluorobiphenyl	100	66.30	66		20	109
			2,4,6-Tribromophenol	150	133.17	89		10	116
			Terphenyl-d14	100	59.63	60		10	105
P3600-06MS	VCPS-B3-081324-1BP021581.D		2-Fluorophenol	150	118.68	79		18	112
			Phenol-d6	150	113.08	75		15	107
			Nitrobenzene-d5	100	81.55	82		18	107
			2-Fluorobiphenyl	100	62.85	63		20	109
			2,4,6-Tribromophenol	150	130.60	87		10	116
			Terphenyl-d14	100	54.19	54		10	105
P3600-06MSD	VCPS-B3-081324-1BP021582.D		2-Fluorophenol	150	117.03	78		18	112
			Phenol-d6	150	109.06	73		15	107
			Nitrobenzene-d5	100	81.12	81		18	107
			2-Fluorobiphenyl	100	64.06	64		20	109
			2,4,6-Tribromophenol	150	128.71	86		10	116
			Terphenyl-d14	100	55.19	55		10	105

Surrogate Summary

SW-846

SDG No.: **BP082024**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3643-10	924-K1-SD-0.5-1.0-BP021577.D		2-Fluorophenol	150	95.46	64		18	112
			Phenol-d6	150	90.85	61		15	107
			Nitrobenzene-d5	100	67.32	67		18	107
			2-Fluorobiphenyl	100	52.68	53		20	109
			2,4,6-Tribromophenol	150	108.29	72		10	116
			Terphenyl-d14	100	52.57	53		10	105
P3643-12	921-J-SD-0.5-1.0-08BP021578.D		2-Fluorophenol	150	90.88	61		18	112
			Phenol-d6	150	86.54	58		15	107
			Nitrobenzene-d5	100	64.40	64		18	107
			2-Fluorobiphenyl	100	48.92	49		20	109
			2,4,6-Tribromophenol	150	108.99	73		10	116
			Terphenyl-d14	100	53.28	53		10	105
P3643-14	921-K1-SD-0.5-1.0-BP021579.D		2-Fluorophenol	150	76.73	51		18	112
			Phenol-d6	150	74.71	50		15	107
			Nitrobenzene-d5	100	52.52	53		18	107
			2-Fluorobiphenyl	100	39.58	40		20	109
			2,4,6-Tribromophenol	150	89.73	60		10	116
			Terphenyl-d14	100	40.60	41		10	105

Surrogate Summary

SW-846

SDG No.: **BP082024**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3650-01	RW7-SP100-20240:BP021570.D		2-Fluorophenol	150	49.70	33		10	139
			Phenol-d6	150	27.85	19		10	134
			Nitrobenzene-d5	100	94.64	95		49	133
			2-Fluorobiphenyl	100	79.18	79		52	132
			2,4,6-Tribromophenol	150	165.29	110		44	137
			Terphenyl-d14	100	89.10	89		48	125
P3650-04	RW7-SP303-20240:BP021571.D		2-Fluorophenol	150	46.97	31		10	139
			Phenol-d6	150	26.01	17		10	134
			Nitrobenzene-d5	100	91.51	92		49	133
			2-Fluorobiphenyl	100	78.42	78		52	132
			2,4,6-Tribromophenol	150	166.38	111		44	137
			Terphenyl-d14	100	92.18	92		48	125
P3657-01	917-J-WS-081624	BP021589.D	2-Fluorophenol	150	52.09	35		10	139
			Phenol-d6	150	32.95	22		10	134
			Nitrobenzene-d5	100	82.03	82		49	133
			2-Fluorobiphenyl	100	76.31	76		52	132
			2,4,6-Tribromophenol	150	179.04	119		44	137
			Terphenyl-d14	100	96.01	96		48	125
PB162822BL	PB162822BL	BP021567.D	2-Fluorophenol	150	130.31	87		10	139
			Phenol-d6	150	119.56	80		10	134
			Nitrobenzene-d5	100	90.54	91		49	133
			2-Fluorobiphenyl	100	78.75	79		52	132
			2,4,6-Tribromophenol	150	157.99	105		44	137
			Terphenyl-d14	100	82.36	82		48	125
PB162822BS	PB162822BS	BP021568.D	2-Fluorophenol	150	139.06	93		10	139
			Phenol-d6	150	130.77	87		10	134
			Nitrobenzene-d5	100	93.71	94		49	133
			2-Fluorobiphenyl	100	79.58	80		52	132
			2,4,6-Tribromophenol	150	157.16	105		44	137
			Terphenyl-d14	100	85.22	85		48	125
PB162822BSD	PB162822BSD	BP021569.D	2-Fluorophenol	150	136.93	91		10	139
			Phenol-d6	150	127.81	85		10	134
			Nitrobenzene-d5	100	92.97	93		49	133
			2-Fluorobiphenyl	100	80.21	80		52	132
			2,4,6-Tribromophenol	150	153.84	103		44	137
			Terphenyl-d14	100	88.69	89		48	125

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BP082024

Lab Code: CHEM

SAS No.: BP082024 SDG NO.: BP082024

Lab File ID: BP021565.D

DFTPP Injection Date: 08/20/2024

Instrument ID: BNA_P

DFTPP Injection Time: 09:25

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	29.2
68	Less than 2.0% of mass 69	0.6 (1.6) 1
69	Mass 69 relative abundance	36.7
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	44.9
197	Less than 2.0% of mass 198	0.5
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.7
275	10.0 - 60.0% of mass 198	28.9
365	Greater than 1% of mass 198	3.8
441	Present, but less than mass 443	14.4
442	Greater than 50% of mass 198	95.2
443	15.0 - 24.0% of mass 442	18.2 (19.1) 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	BP021566.D	08/20/2024	10:07
PB162822BL	PB162822BL	BP021567.D	08/20/2024	10:49
PB162822BS	PB162822BS	BP021568.D	08/20/2024	11:31
PB162822BSD	PB162822BSD	BP021569.D	08/20/2024	12:13
RW7-SP100-20240814	P3650-01	BP021570.D	08/20/2024	12:59
RW7-SP303-20240814	P3650-04	BP021571.D	08/20/2024	13:42
OU4-TS-17-080724RE	P3519-03RE	BP021572.D	08/20/2024	14:25
SSTDCCC040EC	SSTDCCC040	BP021573.D	08/20/2024	15:14

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BP082024

Lab Code: CHEM

SAS No.: BP082024 SDG NO.: BP082024

Lab File ID: BP021574.D

DFTPP Injection Date: 08/20/2024

Instrument ID: BNA_P

DFTPP Injection Time: 15:57

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	28.5
68	Less than 2.0% of mass 69	0.6 (1.6) 1
69	Mass 69 relative abundance	36.5
70	Less than 2.0% of mass 69	0.1 (0.4) 1
127	10.0 - 80.0% of mass 198	44.3
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	6.8
275	10.0 - 60.0% of mass 198	30.1
365	Greater than 1% of mass 198	4
441	Present, but less than mass 443	15.2
442	Greater than 50% of mass 198	98.3
443	15.0 - 24.0% of mass 442	18.8 (19.1) 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	BP021575.D	08/20/2024	16:40
PB162631BL	PB162631BL	BP021576.D	08/20/2024	17:24
924-K1-SD-0.5-1.0-081524	P3643-10	BP021577.D	08/20/2024	18:07
921-J-SD-0.5-1.0-081524	P3643-12	BP021578.D	08/20/2024	18:51
921-K1-SD-0.5-1.0-081524-FD	P3643-14	BP021579.D	08/20/2024	19:34
VCPS-B3-081324-10-18	P3600-06	BP021580.D	08/20/2024	20:17
VCPS-B3-081324-10-18MS	P3600-06MS	BP021581.D	08/20/2024	21:01
VCPS-B3-081324-10-18MSD	P3600-06MSD	BP021582.D	08/20/2024	21:44
OU4-TS-08-080724RE	P3518-15RE	BP021583.D	08/20/2024	22:27
OU4-TS-08-080724MS	P3518-15MS	BP021584.D	08/20/2024	23:10
OU4-TS-08-080724MSD	P3518-15MSD	BP021585.D	08/20/2024	23:53
OU4-TS-12-080724RE	P3518-23RE	BP021586.D	08/21/2024	00:36
OU4-TS-13-080724RE	P3518-25RE	BP021587.D	08/21/2024	01:19
OU4-TS-15-080724RE	P3518-29RE	BP021588.D	08/21/2024	02:02
917-J-WS-081624	P3657-01	BP021589.D	08/21/2024	02:44
SSTDCCC040EC	SSTDCCC040	BP021590.D	08/21/2024	03:27